

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-01

% Solids: 81.9 Date Received: 11/19/2024

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		12/10/2024	2358
7440-36-0	Antimony	1.1	J	12/10/2024	2358
7440-38-2	Arsenic	7.6		12/10/2024	2358
7440-39-3	Barium	110		12/10/2024	2358
7440-41-7	Beryllium	0.56		12/10/2024	2358
7440-43-9	Cadmium	0.45	J	12/10/2024	2358
7440-70-2	Calcium	3000	*	12/10/2024	2358
7440-47-3	Chromium	14	*	12/10/2024	2358
7440-48-4	Cobalt	9.7		12/10/2024	2358
7440-50-8	Copper	23	*	12/10/2024	2358
7439-89-6	Iron	16000	*	12/10/2024	2358
7439-92-1	Lead	200		12/10/2024	2358
7439-95-4	Magnesium	1900		12/10/2024	2358
7439-96-5	Manganese	1100	*	12/10/2024	2358
7440-02-0	Nickel	15		12/10/2024	2358
7440-09-7	Potassium	540	J	12/10/2024	2358
7782-49-2	Selenium	3.9	U*	12/10/2024	2358
7440-22-4	Silver	1.1	U*	12/10/2024	2358
7440-23-5	Sodium	550	U	12/10/2024	2358
7440-28-0	Thallium	2.8	U	12/10/2024	2358
7440-62-2	Vanadium	17		12/10/2024	2358
7440-66-6	Zinc	81	*	12/10/2024	2358

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

Comments:

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MBHHL5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-02

% Solids: 82.3 Date Received: 11/19/2024

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	0002
7440-36-0	Antimony	5.7	U	12/11/2024	0002
7440-38-2	Arsenic	8.9		12/11/2024	0002
7440-39-3	Barium	93		12/11/2024	0002
7440-41-7	Beryllium	0.56		12/11/2024	0002
7440-43-9	Cadmium	0.51		12/11/2024	0002
7440-70-2	Calcium	3400	*	12/11/2024	0002
7440-47-3	Chromium	16	*	12/11/2024	0002
7440-48-4	Cobalt	9.6		12/11/2024	0002
7440-50-8	Copper	26	*	12/11/2024	0002
7439-89-6	Iron	16000	*	12/11/2024	0002
7439-92-1	Lead	260		12/11/2024	0002
7439-95-4	Magnesium	2400		12/11/2024	0002
7439-96-5	Manganese	820	*	12/11/2024	0002
7440-02-0	Nickel	18		12/11/2024	0002
7440-09-7	Potassium	450	J	12/11/2024	0002
7782-49-2	Selenium	3.3	U*	12/11/2024	0002
7440-22-4	Silver	0.95	U*	12/11/2024	0002
7440-23-5	Sodium	480	U	12/11/2024	0002
7440-28-0	Thallium	2.4	U	12/11/2024	0002
7440-62-2	Vanadium	17		12/11/2024	0002
7440-66-6	Zinc	100	*	12/11/2024	0002

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

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MBHHL6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-03

% Solids: 84.5 Date Received: 11/19/2024

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		12/11/2024	0006
7440-36-0	Antimony	5.7	U	12/11/2024	0006
7440-38-2	Arsenic	6.8		12/11/2024	0006
7440-39-3	Barium	45		12/11/2024	0006
7440-41-7	Beryllium	0.65		12/11/2024	0006
7440-43-9	Cadmium	0.26	J	12/11/2024	0006
7440-70-2	Calcium	1900	*	12/11/2024	0006
7440-47-3	Chromium	9.8	*	12/11/2024	0006
7440-48-4	Cobalt	9.2		12/11/2024	0006
7440-50-8	Copper	13	*	12/11/2024	0006
7439-89-6	Iron	17000	*	12/11/2024	0006
7439-92-1	Lead	28		12/11/2024	0006
7439-95-4	Magnesium	1900		12/11/2024	0006
7439-96-5	Manganese	750	*	12/11/2024	0006
7440-02-0	Nickel	14		12/11/2024	0006
7440-09-7	Potassium	630		12/11/2024	0006
7782-49-2	Selenium	3.3	U*	12/11/2024	0006
7440-22-4	Silver	0.95	U*	12/11/2024	0006
7440-23-5	Sodium	470	U	12/11/2024	0006
7440-28-0	Thallium	2.4	U	12/11/2024	0006
7440-62-2	Vanadium	15		12/11/2024	0006
7440-66-6	Zinc	29	*	12/11/2024	0006

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

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MBHHL7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-04

% Solids: 83.8 Date Received: 11/19/2024

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	5700		12/11/2024	0010
7440-36-0	Antimony	5.1	U	12/11/2024	0010
7440-38-2	Arsenic	9.8		12/11/2024	0010
7440-39-3	Barium	45		12/11/2024	0010
7440-41-7	Beryllium	0.55		12/11/2024	0010
7440-43-9	Cadmium	0.39	J	12/11/2024	0010
7440-70-2	Calcium	9400	*	12/11/2024	0010
7440-47-3	Chromium	12	*	12/11/2024	0010
7440-48-4	Cobalt	12		12/11/2024	0010
7440-50-8	Copper	17	*	12/11/2024	0010
7439-89-6	Iron	14000	*	12/11/2024	0010
7439-92-1	Lead	39		12/11/2024	0010
7439-95-4	Magnesium	1700		12/11/2024	0010
7439-96-5	Manganese	1000	*	12/11/2024	0010
7440-02-0	Nickel	19		12/11/2024	0010
7440-09-7	Potassium	550		12/11/2024	0010
7782-49-2	Selenium	3.0	U*	12/11/2024	0010
7440-22-4	Silver	0.85	U*	12/11/2024	0010
7440-23-5	Sodium	420	U	12/11/2024	0010
7440-28-0	Thallium	2.1	U	12/11/2024	0010
7440-62-2	Vanadium	13		12/11/2024	0010
7440-66-6	Zinc	31	*	12/11/2024	0010

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

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MBHHM5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-05

% Solids: 79.4 Date Received: 11/19/2024

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		12/11/2024	0014
7440-36-0	Antimony	6.5	U	12/11/2024	0014
7440-38-2	Arsenic	11		12/11/2024	0014
7440-39-3	Barium	70		12/11/2024	0014
7440-41-7	Beryllium	0.60		12/11/2024	0014
7440-43-9	Cadmium	0.96		12/11/2024	0014
7440-70-2	Calcium	25000	*	12/11/2024	0014
7440-47-3	Chromium	11	*	12/11/2024	0014
7440-48-4	Cobalt	13		12/11/2024	0014
7440-50-8	Copper	40	*	12/11/2024	0014
7439-89-6	Iron	17000	*	12/11/2024	0014
7439-92-1	Lead	120		12/11/2024	0014
7439-95-4	Magnesium	3000		12/11/2024	0014
7439-96-5	Manganese	1100	*	12/11/2024	0014
7440-02-0	Nickel	21		12/11/2024	0014
7440-09-7	Potassium	1200		12/11/2024	0014
7782-49-2	Selenium	3.8	U*	12/11/2024	0014
7440-22-4	Silver	1.1	U*	12/11/2024	0014
7440-23-5	Sodium	540	U	12/11/2024	0014
7440-28-0	Thallium	2.7	U	12/11/2024	0014
7440-62-2	Vanadium	14		12/11/2024	0014
7440-66-6	Zinc	99	*	12/11/2024	0014

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

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MBHHM6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4
 Matrix: Water Lab Sample ID: P4915-06
 % Solids: Date Received: 11/19/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	55	J	12/02/2024	2124
7440-36-0	Antimony	60	U	12/02/2024	2124
7440-38-2	Arsenic	10	U	12/02/2024	2124
7440-39-3	Barium	200	U	12/02/2024	2124
7440-41-7	Beryllium	5.0	U	12/02/2024	2124
7440-43-9	Cadmium	5.0	U	12/02/2024	2124
7440-70-2	Calcium	620	J	12/02/2024	2124
7440-47-3	Chromium	9.0	J	12/02/2024	2124
7440-48-4	Cobalt	50	U	12/02/2024	2124
7440-50-8	Copper	25	U	12/02/2024	2124
7439-89-6	Iron	650		12/02/2024	2124
7439-92-1	Lead	10	U	12/02/2024	2124
7439-95-4	Magnesium	180	J	12/02/2024	2124
7439-96-5	Manganese	47		12/02/2024	2124
7440-02-0	Nickel	28	J	12/02/2024	2124
7440-09-7	Potassium	5000	U	12/02/2024	2124
7782-49-2	Selenium	35	U	12/02/2024	2124
7440-22-4	Silver	10	U	12/02/2024	2124
7440-23-5	Sodium	5000	U	12/02/2024	2124
7440-28-0	Thallium	25	U	12/02/2024	2124
7440-62-2	Vanadium	50	U	12/02/2024	2124
7440-66-6	Zinc	60	U	12/02/2024	2124

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

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MBHHM7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-07

% Solids: 77.6 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	7800		12/03/2024	0542
7440-36-0	Antimony	0.86	J	12/03/2024	0542
7440-38-2	Arsenic	6.0		12/03/2024	0542
7440-39-3	Barium	76		12/03/2024	0542
7440-41-7	Beryllium	0.49	J	12/03/2024	0542
7440-43-9	Cadmium	0.87		12/03/2024	0542
7440-70-2	Calcium	16000	*	12/03/2024	0542
7440-47-3	Chromium	13	*	12/03/2024	0542
7440-48-4	Cobalt	7.2		12/03/2024	0542
7440-50-8	Copper	24	*	12/03/2024	0542
7439-89-6	Iron	17000	*	12/03/2024	0542
7439-92-1	Lead	86		12/03/2024	0542
7439-95-4	Magnesium	6800		12/03/2024	0542
7439-96-5	Manganese	480	*	12/03/2024	0542
7440-02-0	Nickel	17		12/03/2024	0542
7440-09-7	Potassium	470	J	12/03/2024	0542
7782-49-2	Selenium	4.1	U*	12/03/2024	0542
7440-22-4	Silver	1.2	U*	12/03/2024	0542
7440-23-5	Sodium	120	J	12/03/2024	0542
7440-28-0	Thallium	2.9	U	12/03/2024	0542
7440-62-2	Vanadium	21		12/03/2024	0542
7440-66-6	Zinc	98	*	12/03/2024	0542

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

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MBHHM8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-08

% 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	6200		12/02/2024	2106
7440-36-0	Antimony	0.69	J	12/02/2024	2106
7440-38-2	Arsenic	5.5		12/02/2024	2106
7440-39-3	Barium	72		12/02/2024	2106
7440-41-7	Beryllium	0.35	J	12/02/2024	2106
7440-43-9	Cadmium	1.4		12/02/2024	2106
7440-70-2	Calcium	14000	*	12/02/2024	2106
7440-47-3	Chromium	12	*	12/02/2024	2106
7440-48-4	Cobalt	7.6		12/02/2024	2106
7440-50-8	Copper	31	*	12/02/2024	2106
7439-89-6	Iron	15000	*	12/02/2024	2106
7439-92-1	Lead	110		12/02/2024	2106
7439-95-4	Magnesium	4100		12/02/2024	2106
7439-96-5	Manganese	770	*	12/02/2024	2106
7440-02-0	Nickel	16		12/02/2024	2106
7440-09-7	Potassium	530		12/02/2024	2106
7782-49-2	Selenium	3.0	U*	12/02/2024	2106
7440-22-4	Silver	0.85	U*	12/02/2024	2106
7440-23-5	Sodium	160	J	12/02/2024	2106
7440-28-0	Thallium	2.1	U	12/02/2024	2106
7440-62-2	Vanadium	17		12/02/2024	2106
7440-66-6	Zinc	110	*	12/02/2024	2106

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

Comments:

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MBHHM9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-11

% Solids: 88.8 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	5500		12/03/2024	0546
7440-36-0	Antimony	0.64	J	12/03/2024	0546
7440-38-2	Arsenic	4.5		12/03/2024	0546
7440-39-3	Barium	67		12/03/2024	0546
7440-41-7	Beryllium	0.33	J	12/03/2024	0546
7440-43-9	Cadmium	0.95		12/03/2024	0546
7440-70-2	Calcium	17000	*	12/03/2024	0546
7440-47-3	Chromium	11	*	12/03/2024	0546
7440-48-4	Cobalt	7.5		12/03/2024	0546
7440-50-8	Copper	59	*	12/03/2024	0546
7439-89-6	Iron	15000	*	12/03/2024	0546
7439-92-1	Lead	90		12/03/2024	0546
7439-95-4	Magnesium	3200		12/03/2024	0546
7439-96-5	Manganese	850	*	12/03/2024	0546
7440-02-0	Nickel	17		12/03/2024	0546
7440-09-7	Potassium	500		12/03/2024	0546
7782-49-2	Selenium	3.5	U*	12/03/2024	0546
7440-22-4	Silver	0.99	U*	12/03/2024	0546
7440-23-5	Sodium	140	J	12/03/2024	0546
7440-28-0	Thallium	2.5	U	12/03/2024	0546
7440-62-2	Vanadium	16		12/03/2024	0546
7440-66-6	Zinc	85	*	12/03/2024	0546

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

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MBHHN0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-12

% Solids: 89.1 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	5100		12/03/2024	0550
7440-36-0	Antimony	0.56	J	12/03/2024	0550
7440-38-2	Arsenic	5.3		12/03/2024	0550
7440-39-3	Barium	50		12/03/2024	0550
7440-41-7	Beryllium	0.33	J	12/03/2024	0550
7440-43-9	Cadmium	0.86		12/03/2024	0550
7440-70-2	Calcium	13000	*	12/03/2024	0550
7440-47-3	Chromium	9.1	*	12/03/2024	0550
7440-48-4	Cobalt	7.0		12/03/2024	0550
7440-50-8	Copper	37	*	12/03/2024	0550
7439-89-6	Iron	13000	*	12/03/2024	0550
7439-92-1	Lead	85		12/03/2024	0550
7439-95-4	Magnesium	3300		12/03/2024	0550
7439-96-5	Manganese	710	*	12/03/2024	0550
7440-02-0	Nickel	15		12/03/2024	0550
7440-09-7	Potassium	460		12/03/2024	0550
7782-49-2	Selenium	2.6	U*	12/03/2024	0550
7440-22-4	Silver	0.75	U*	12/03/2024	0550
7440-23-5	Sodium	120	J	12/03/2024	0550
7440-28-0	Thallium	1.9	U	12/03/2024	0550
7440-62-2	Vanadium	14		12/03/2024	0550
7440-66-6	Zinc	72	*	12/03/2024	0550

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

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MBHNN1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-13

% Solids: 89.6 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	4500		12/03/2024	0555
7440-36-0	Antimony	0.42	J	12/03/2024	0555
7440-38-2	Arsenic	3.1		12/03/2024	0555
7440-39-3	Barium	37		12/03/2024	0555
7440-41-7	Beryllium	0.25	J	12/03/2024	0555
7440-43-9	Cadmium	0.61		12/03/2024	0555
7440-70-2	Calcium	12000	*	12/03/2024	0555
7440-47-3	Chromium	8.8	*	12/03/2024	0555
7440-48-4	Cobalt	6.2		12/03/2024	0555
7440-50-8	Copper	44	*	12/03/2024	0555
7439-89-6	Iron	12000	*	12/03/2024	0555
7439-92-1	Lead	41		12/03/2024	0555
7439-95-4	Magnesium	3400		12/03/2024	0555
7439-96-5	Manganese	570	*	12/03/2024	0555
7440-02-0	Nickel	18		12/03/2024	0555
7440-09-7	Potassium	410		12/03/2024	0555
7782-49-2	Selenium	2.9	U*	12/03/2024	0555
7440-22-4	Silver	0.82	U*	12/03/2024	0555
7440-23-5	Sodium	110	J	12/03/2024	0555
7440-28-0	Thallium	2.1	U	12/03/2024	0555
7440-62-2	Vanadium	13		12/03/2024	0555
7440-66-6	Zinc	78	*	12/03/2024	0555

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-14

% Solids: 89.3 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	4900		12/03/2024	0559
7440-36-0	Antimony	0.55	J	12/03/2024	0559
7440-38-2	Arsenic	4.9		12/03/2024	0559
7440-39-3	Barium	43		12/03/2024	0559
7440-41-7	Beryllium	0.28	J	12/03/2024	0559
7440-43-9	Cadmium	0.89		12/03/2024	0559
7440-70-2	Calcium	22000	*	12/03/2024	0559
7440-47-3	Chromium	11	*	12/03/2024	0559
7440-48-4	Cobalt	8.4		12/03/2024	0559
7440-50-8	Copper	78	*	12/03/2024	0559
7439-89-6	Iron	13000	*	12/03/2024	0559
7439-92-1	Lead	86		12/03/2024	0559
7439-95-4	Magnesium	3200		12/03/2024	0559
7439-96-5	Manganese	690	*	12/03/2024	0559
7440-02-0	Nickel	26		12/03/2024	0559
7440-09-7	Potassium	440		12/03/2024	0559
7782-49-2	Selenium	3.0	U*	12/03/2024	0559
7440-22-4	Silver	0.86	U*	12/03/2024	0559
7440-23-5	Sodium	130	J	12/03/2024	0559
7440-28-0	Thallium	2.2	U	12/03/2024	0559
7440-62-2	Vanadium	14		12/03/2024	0559
7440-66-6	Zinc	130	*	12/03/2024	0559

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-15

% Solids: 87.3 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	5400		12/03/2024	0603
7440-36-0	Antimony	0.60	J	12/03/2024	0603
7440-38-2	Arsenic	5.2		12/03/2024	0603
7440-39-3	Barium	52		12/03/2024	0603
7440-41-7	Beryllium	0.32	J	12/03/2024	0603
7440-43-9	Cadmium	0.83		12/03/2024	0603
7440-70-2	Calcium	24000	*	12/03/2024	0603
7440-47-3	Chromium	9.6	*	12/03/2024	0603
7440-48-4	Cobalt	6.6		12/03/2024	0603
7440-50-8	Copper	36	*	12/03/2024	0603
7439-89-6	Iron	14000	*	12/03/2024	0603
7439-92-1	Lead	64		12/03/2024	0603
7439-95-4	Magnesium	3300		12/03/2024	0603
7439-96-5	Manganese	730	*	12/03/2024	0603
7440-02-0	Nickel	17		12/03/2024	0603
7440-09-7	Potassium	550		12/03/2024	0603
7782-49-2	Selenium	3.1	U*	12/03/2024	0603
7440-22-4	Silver	0.89	U*	12/03/2024	0603
7440-23-5	Sodium	160	J	12/03/2024	0603
7440-28-0	Thallium	2.2	U	12/03/2024	0603
7440-62-2	Vanadium	15		12/03/2024	0603
7440-66-6	Zinc	90	*	12/03/2024	0603

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-16

% Solids: 74.3 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	7400		12/03/2024	0608
7440-36-0	Antimony	1.8	J	12/03/2024	0608
7440-38-2	Arsenic	13		12/03/2024	0608
7440-39-3	Barium	180		12/03/2024	0608
7440-41-7	Beryllium	0.59		12/03/2024	0608
7440-43-9	Cadmium	1.7		12/03/2024	0608
7440-70-2	Calcium	8700	*	12/03/2024	0608
7440-47-3	Chromium	21	*	12/03/2024	0608
7440-48-4	Cobalt	8.5		12/03/2024	0608
7440-50-8	Copper	41	*	12/03/2024	0608
7439-89-6	Iron	20000	*	12/03/2024	0608
7439-92-1	Lead	730		12/03/2024	0608
7439-95-4	Magnesium	3600		12/03/2024	0608
7439-96-5	Manganese	820	*	12/03/2024	0608
7440-02-0	Nickel	25		12/03/2024	0608
7440-09-7	Potassium	470	J	12/03/2024	0608
7782-49-2	Selenium	3.9	U*	12/03/2024	0608
7440-22-4	Silver	1.1	U*	12/03/2024	0608
7440-23-5	Sodium	260	J	12/03/2024	0608
7440-28-0	Thallium	2.8	U	12/03/2024	0608
7440-62-2	Vanadium	22		12/03/2024	0608
7440-66-6	Zinc	270	*	12/03/2024	0608

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-17

% Solids: 80.3 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	5800		12/03/2024	0612
7440-36-0	Antimony	3.2	J	12/03/2024	0612
7440-38-2	Arsenic	10		12/03/2024	0612
7440-39-3	Barium	190		12/03/2024	0612
7440-41-7	Beryllium	0.52		12/03/2024	0612
7440-43-9	Cadmium	1.9		12/03/2024	0612
7440-70-2	Calcium	30000	*	12/03/2024	0612
7440-47-3	Chromium	14	*	12/03/2024	0612
7440-48-4	Cobalt	8.3		12/03/2024	0612
7440-50-8	Copper	53	*	12/03/2024	0612
7439-89-6	Iron	27000	*	12/03/2024	0612
7439-92-1	Lead	660		12/03/2024	0612
7439-95-4	Magnesium	4600		12/03/2024	0612
7439-96-5	Manganese	730	*	12/03/2024	0612
7440-02-0	Nickel	20		12/03/2024	0612
7440-09-7	Potassium	360	J	12/03/2024	0612
7782-49-2	Selenium	3.1	U*	12/03/2024	0612
7440-22-4	Silver	0.90	U*	12/03/2024	0612
7440-23-5	Sodium	300	J	12/03/2024	0612
7440-28-0	Thallium	2.2	U	12/03/2024	0612
7440-62-2	Vanadium	17		12/03/2024	0612
7440-66-6	Zinc	230	*	12/03/2024	0612

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-18

% Solids: 84.3 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	6600		12/03/2024	0617
7440-36-0	Antimony	0.88	J	12/03/2024	0617
7440-38-2	Arsenic	11		12/03/2024	0617
7440-39-3	Barium	140		12/03/2024	0617
7440-41-7	Beryllium	0.47		12/03/2024	0617
7440-43-9	Cadmium	1.2		12/03/2024	0617
7440-70-2	Calcium	32000	*	12/03/2024	0617
7440-47-3	Chromium	14	*	12/03/2024	0617
7440-48-4	Cobalt	9.6		12/03/2024	0617
7440-50-8	Copper	43	*	12/03/2024	0617
7439-89-6	Iron	17000	*	12/03/2024	0617
7439-92-1	Lead	640		12/03/2024	0617
7439-95-4	Magnesium	4900		12/03/2024	0617
7439-96-5	Manganese	1300	*	12/03/2024	0617
7440-02-0	Nickel	19		12/03/2024	0617
7440-09-7	Potassium	370	J	12/03/2024	0617
7782-49-2	Selenium	3.2	U*	12/03/2024	0617
7440-22-4	Silver	0.90	U*	12/03/2024	0617
7440-23-5	Sodium	250	J	12/03/2024	0617
7440-28-0	Thallium	2.3	U	12/03/2024	0617
7440-62-2	Vanadium	19		12/03/2024	0617
7440-66-6	Zinc	120	*	12/03/2024	0617

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-19

% Solids: 82.9 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	6900		12/03/2024	0621
7440-36-0	Antimony	0.52	J	12/03/2024	0621
7440-38-2	Arsenic	8.6		12/03/2024	0621
7440-39-3	Barium	150		12/03/2024	0621
7440-41-7	Beryllium	0.44	J	12/03/2024	0621
7440-43-9	Cadmium	0.99		12/03/2024	0621
7440-70-2	Calcium	24000	*	12/03/2024	0621
7440-47-3	Chromium	13	*	12/03/2024	0621
7440-48-4	Cobalt	8.7		12/03/2024	0621
7440-50-8	Copper	37	*	12/03/2024	0621
7439-89-6	Iron	15000	*	12/03/2024	0621
7439-92-1	Lead	430		12/03/2024	0621
7439-95-4	Magnesium	4400		12/03/2024	0621
7439-96-5	Manganese	1400	*	12/03/2024	0621
7440-02-0	Nickel	15		12/03/2024	0621
7440-09-7	Potassium	540		12/03/2024	0621
7782-49-2	Selenium	3.3	U*	12/03/2024	0621
7440-22-4	Silver	0.94	U*	12/03/2024	0621
7440-23-5	Sodium	270	J	12/03/2024	0621
7440-28-0	Thallium	2.3	U	12/03/2024	0621
7440-62-2	Vanadium	16		12/03/2024	0621
7440-66-6	Zinc	90	*	12/03/2024	0621

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNN8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-20

% Solids: 81.7 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	7800		12/03/2024	0625
7440-36-0	Antimony	0.75	J	12/03/2024	0625
7440-38-2	Arsenic	7.2		12/03/2024	0625
7440-39-3	Barium	130		12/03/2024	0625
7440-41-7	Beryllium	0.46		12/03/2024	0625
7440-43-9	Cadmium	0.92		12/03/2024	0625
7440-70-2	Calcium	12000	*	12/03/2024	0625
7440-47-3	Chromium	12	*	12/03/2024	0625
7440-48-4	Cobalt	8.7		12/03/2024	0625
7440-50-8	Copper	31	*	12/03/2024	0625
7439-89-6	Iron	16000	*	12/03/2024	0625
7439-92-1	Lead	260		12/03/2024	0625
7439-95-4	Magnesium	2500		12/03/2024	0625
7439-96-5	Manganese	1500	*	12/03/2024	0625
7440-02-0	Nickel	13		12/03/2024	0625
7440-09-7	Potassium	470		12/03/2024	0625
7782-49-2	Selenium	3.2	U*	12/03/2024	0625
7440-22-4	Silver	0.91	U*	12/03/2024	0625
7440-23-5	Sodium	290	J	12/03/2024	0625
7440-28-0	Thallium	2.3	U	12/03/2024	0625
7440-62-2	Vanadium	18		12/03/2024	0625
7440-66-6	Zinc	63	*	12/03/2024	0625

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHN9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-21

% Solids: 83.4 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	8900		12/03/2024	0630
7440-36-0	Antimony	0.85	J	12/03/2024	0630
7440-38-2	Arsenic	5.8		12/03/2024	0630
7440-39-3	Barium	85		12/03/2024	0630
7440-41-7	Beryllium	0.51	J	12/03/2024	0630
7440-43-9	Cadmium	0.79		12/03/2024	0630
7440-70-2	Calcium	5500	*	12/03/2024	0630
7440-47-3	Chromium	11	*	12/03/2024	0630
7440-48-4	Cobalt	8.5		12/03/2024	0630
7440-50-8	Copper	23	*	12/03/2024	0630
7439-89-6	Iron	17000	*	12/03/2024	0630
7439-92-1	Lead	140		12/03/2024	0630
7439-95-4	Magnesium	2000		12/03/2024	0630
7439-96-5	Manganese	1400	*	12/03/2024	0630
7440-02-0	Nickel	13		12/03/2024	0630
7440-09-7	Potassium	320	J	12/03/2024	0630
7782-49-2	Selenium	3.7	U*	12/03/2024	0630
7440-22-4	Silver	1.1	U*	12/03/2024	0630
7440-23-5	Sodium	260	J	12/03/2024	0630
7440-28-0	Thallium	2.6	U	12/03/2024	0630
7440-62-2	Vanadium	19		12/03/2024	0630
7440-66-6	Zinc	48	*	12/03/2024	0630

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHP0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL4

Matrix: SOIL Lab Sample ID: P4915-22

% Solids: 86 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		12/03/2024	0634
7440-36-0	Antimony	0.62	J	12/03/2024	0634
7440-38-2	Arsenic	8.1		12/03/2024	0634
7440-39-3	Barium	46		12/03/2024	0634
7440-41-7	Beryllium	0.51		12/03/2024	0634
7440-43-9	Cadmium	0.81		12/03/2024	0634
7440-70-2	Calcium	2600	*	12/03/2024	0634
7440-47-3	Chromium	11	*	12/03/2024	0634
7440-48-4	Cobalt	9.3		12/03/2024	0634
7440-50-8	Copper	18	*	12/03/2024	0634
7439-89-6	Iron	18000	*	12/03/2024	0634
7439-92-1	Lead	61		12/03/2024	0634
7439-95-4	Magnesium	1800		12/03/2024	0634
7439-96-5	Manganese	770	*	12/03/2024	0634
7440-02-0	Nickel	15		12/03/2024	0634
7440-09-7	Potassium	290	J	12/03/2024	0634
7782-49-2	Selenium	2.9	U*	12/03/2024	0634
7440-22-4	Silver	0.83	U*	12/03/2024	0634
7440-23-5	Sodium	230	J	12/03/2024	0634
7440-28-0	Thallium	2.1	U	12/03/2024	0634
7440-62-2	Vanadium	19		12/03/2024	0634
7440-66-6	Zinc	40	*	12/03/2024	0634

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

Comments: