

Sampling Location: MW-06	Sample Date	6/29/2023	Knox Pit M2017-036	
	Sample Type	Primary		
	Depth to Water	3.99 feet		
Analyte List	Value Units	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	0.01	**5
ANTIMONY	MG/L	ND	0.002	0.006
ARSENIC	MG/L	ND	0.002	0.01
BARIUM	MG/L	0.035	0.004	2
BERYLLIUM	MG/L	ND	0.002	0.004
BORON	MG/L	0.058	0.02	**0.75
CADMIUM	MG/L	ND	0.002	0.005
CHROMIUM	MG/L	ND	0.004	0.1
COBALT	MG/L	ND	0.005	**0.05
COPPER	MG/L	0.004	0.002	**0.2
CYANIDE, TOTAL	MG/L	ND	0.005	0.2
FLUORIDE	MG/L	0.697	0.1	2
IRON	MG/L	ND	0.2	0.3
LEAD	MG/L	ND	0.002	0.05
LITHIUM	MG/L	0.023	0.005	**2.5
MANGANESE	MG/L	ND	0.005	0.05
MERCURY	MG/L	ND	0.0002	0.002
MOLYBDENUM	MG/L	0.007	0.005	0.21
NICKEL	MG/L	0.003	0.002	0.1
NITRATE AS N	MG/L	NM	1	10
NITRATE/NITRITE AS N	MG/L	ND	2	10
NITRITE AS N	MG/L	NM	0.75	1
PH	PH	7.24	0.1	**6.5-8.5
SELENIUM	MG/L	0.011	0.002	**0.02
SILVER	MG/L	ND	0.002	0.05
THALLIUM	MG/L	ND	0.002	0.002
TOTAL DISSOLVED SOLIDS	MG/L	2100	10	***
URANIUM	MG/L	0.028	0.005	0.03
VANADIUM	MG/L	ND	0.005	**0.1
ZINC	MG/L	ND	0.004	**2

ND = Non-Detect

NM= Not Measured

* Analytes tested are from Table 1 and 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless noted otherwise

** Table 3, WQCC Regulation 41

*** Table 4, WQCC Regulation 41. Background value x 1.25 = Max Allowable TDS

Sampling Location: MW-12	Sample Date	6/29/2023	Knox Pit M2017-036	
	Sample Type	Primary		
	Depth to Water	3.43 feet		
Analyte List	Value Units	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	0.025	0.01	**5
ANTIMONY	MG/L	ND	0.002	0.006
ARSENIC	MG/L	ND	0.002	0.01
BARIUM	MG/L	0.052	0.004	2
BERYLLIUM	MG/L	ND	0.002	0.004
BORON	MG/L	0.046	0.02	**0.75
CADMIUM	MG/L	ND	0.002	0.005
CHROMIUM	MG/L	ND	0.004	0.1
COBALT	MG/L	ND	0.005	**0.05
COPPER	MG/L	ND	0.002	**0.2
CYANIDE, TOTAL	MG/L	ND	0.005	0.2
FLUORIDE	MG/L	0.62	0.1	2
IRON	MG/L	ND	0.2	0.3
LEAD	MG/L	ND	0.002	0.05
LITHIUM	MG/L	0.014	0.005	**2.5
MANGANESE	MG/L	ND	0.005	0.05
MERCURY	MG/L	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	0.005	0.21
NICKEL	MG/L	ND	0.002	0.1
NITRATE AS N	MG/L	NM	1	10
NITRATE/NITRITE AS N	MG/L	ND	2	10
NITRITE AS N	MG/L	NM	0.75	1
PH	PH	7.3	0.1	**6.5-8.5
SELENIUM	MG/L	0.003	0.002	**0.02
SILVER	MG/L	ND	0.002	0.05
THALLIUM	MG/L	ND	0.002	0.002
TOTAL DISSOLVED SOLIDS	MG/L	932	10	***
URANIUM	MG/L	0.008	0.005	0.03
VANADIUM	MG/L	ND	0.005	**0.1
ZINC	MG/L	0.007	0.004	**2

ND = Non-Detect

NM= Not Measured

* Analytes tested are from Table 1 and 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless noted otherwise

** Table 3, WQCC Regulation 41

*** Table 4, WQCC Regulation 41. Background value x 1.25 = Max Allowable TDS

Sampling Location: MW-13	Sample Date	6/29/2023	Knox Pit M2017-036	
	Sample Type	Primary		
	Depth to Water	3.96 feet		
Analyte List	Value Units	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	0.01	**5
ANTIMONY	MG/L	ND	0.002	0.006
ARSENIC	MG/L	ND	0.002	0.01
BARIUM	MG/L	0.117	0.004	2
BERYLLIUM	MG/L	ND	0.002	0.004
BORON	MG/L	ND	0.02	**0.75
CADMIUM	MG/L	ND	0.002	0.005
CHROMIUM	MG/L	ND	0.004	0.1
COBALT	MG/L	ND	0.005	**0.05
COPPER	MG/L	ND	0.002	**0.2
CYANIDE, TOTAL	MG/L	ND	0.005	0.2
FLUORIDE	MG/L	0.355	0.1	2
IRON	MG/L	ND	0.2	0.3
LEAD	MG/L	ND	0.002	0.05
LITHIUM	MG/L	0.008	0.005	**2.5
MANGANESE	MG/L	ND	0.005	0.05
MERCURY	MG/L	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	0.005	0.21
NICKEL	MG/L	ND	0.002	0.1
NITRATE AS N	MG/L	NM	1	10
NITRATE/NITRITE AS N	MG/L	ND	2	10
NITRITE AS N	MG/L	NM	0.75	1
PH	PH	7.72	0.1	**6.5-8.5
SELENIUM	MG/L	0.002	0.002	**0.02
SILVER	MG/L	ND	0.002	0.05
THALLIUM	MG/L	ND	0.002	0.002
TOTAL DISSOLVED SOLIDS	MG/L	768	10	***
URANIUM	MG/L	0.008	0.005	0.03
VANADIUM	MG/L	ND	0.005	**0.1
ZINC	MG/L	ND	0.004	**2

ND = Non-Detect

NM= Not Measured

* Analytes tested are from Table 1 and 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless noted otherwise

** Table 3, WQCC Regulation 41

*** Table 4, WQCC Regulation 41. Background value x 1.25 = Max Allowable TDS

Sampling Location: MW-19	Sample Date	7/7/2023	7/7/2023	Knox Pit M2017-036	
	Sample Type	Primary	Duplicate		
	Depth to Water	2.47 feet	2.47 feet		
Analyte List	Value Units	Dissolved	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	ND	0.01	**5
ANTIMONY	MG/L	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	0.029	0.030	0.004	2
BERYLLIUM	MG/L	ND	ND	0.002	0.004
BORON	MG/L	0.02	ND	0.02	**0.75
CADMIUM	MG/L	ND	ND	0.002	0.005
CHROMIUM	MG/L	ND	ND	0.004	0.1
COBALT	MG/L	ND	ND	0.005	**0.05
COPPER	MG/L	ND	ND	0.002	**0.2
CYANIDE, TOTAL	MG/L	ND	ND	0.005	0.2
FLUORIDE	MG/L	0.446	0.443	0.1	4
IRON	MG/L	ND	ND	0.2	**5
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	0.0065	0.0066	0.005	**2.5
MANGANESE	MG/L	ND	ND	0.005	**0.2
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.005	0.21
NICKEL	MG/L	ND	ND	0.002	0.1
NITRATE AS N	MG/L	NM	NM	1	10
NITRATE/NITRITE AS N	MG/L	ND	ND	2	10
NITRITE AS N	MG/L	NM	NM	0.75	1
PH	PH	7.97	7.99	0.1	**6.5-8.5
SELENIUM	MG/L	ND	ND	0.002	0.05
SILVER	MG/L	ND	ND	0.002	0.05
THALLIUM	MG/L	ND	ND	0.002	0.002
TOTAL DISSOLVED SOLIDS	MG/L	166	160	10	***
URANIUM	MG/L	ND	ND	0.005	0.03
VANADIUM	MG/L	ND	ND	0.005	**0.1
ZINC	MG/L	0.0078	ND	0.004	**2
ND = Non-Detect NM= Not Measured * Analytes tested are from Table 1 and 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless noted otherwise ** Table 3, WQCC Regulation 41 *** Table 4, WQCC Regulation 41. Background value x 1.25 = Max Allowable TDS					

Sampling Location: 03-Blank	Sample Date	6/29/2023	Knox Pit M2017-036	
	Sample Type	Blank		
	Depth to Water	Distilled Water		
Analyte List	Value Units	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	0.1	**5
ANTIMONY	MG/L	ND	0.001	0.006
ARSENIC	MG/L	ND	0.002	0.01
BARIUM	MG/L	ND	0.005	2
BERYLLIUM	MG/L	ND	0.0005	0.004
BORON	MG/L	ND	0.15	**0.75
CADMIUM	MG/L	ND	0.002	0.005
CHROMIUM	MG/L	ND	0.01	0.1
COBALT	MG/L	ND	0.005	**0.05
COPPER	MG/L	ND	0.02	**0.2
CYANIDE, TOTAL	MG/L	ND	0.005	0.2
FLUORIDE	MG/L	ND	0.1	4
IRON	MG/L	ND	0.1	**5
LEAD	MG/L	ND	0.002	0.05
LITHIUM	MG/L	ND	0.02	**2.5
MANGANESE	MG/L	ND	0.005	**0.2
MERCURY	MG/L	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	0.002	0.21
NICKEL	MG/L	ND	0.02	0.1
NITRATE/NITRITE AS N	MG/L	ND	0.02	10
PH	PH	5.34	0.1	**6.5-8.5
SELENIUM	MG/L	ND	0.002	0.05
SILVER	MG/L	ND	0.002	0.05
THALLIUM	MG/L	ND	0.0001	0.002
TOTAL DISSOLVED SOLIDS	MG/L	82	10	***
URANIUM	MG/L	ND	0.005	0.03
VANADIUM	MG/L	ND	0.005	**0.1
ZINC	MG/L	ND	0.004	**2
ND = Non-Detect NM= Not Measured * Analytes tested are from Table 1 and 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless noted otherwise ** Table 3, WQCC Regulation 41 *** Table 4, WQCC Regulation 41. Background value x 1.25 = Max Allowable TDS				



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

July 07, 2023

Tim Gerken
Telesto Solutions Inc
750 14th Street
Loveland, CO 80537

Work Order: **HS23070114**

Laboratory Results for: **LRM-Knox Pit**

Dear Tim Gerken,

ALS Environmental received 5 sample(s) on Jul 05, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER

Tyler Monroe

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Work Order: HS23070114

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23070114-01	MW-6	Water		29-Jun-2023 15:45	05-Jul-2023 08:00	☐
HS23070114-02	MW-10	Water		29-Jun-2023 15:16	05-Jul-2023 08:00	☐
HS23070114-03	MW-12	Water		29-Jun-2023 14:28	05-Jul-2023 08:00	☐
HS23070114-04	MW-13	Water		29-Jun-2023 13:35	05-Jul-2023 08:00	☐
HS23070114-05	03-Blank	Water		29-Jun-2023 16:00	05-Jul-2023 08:00	☐

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Work Order: HS23070114

CASE NARRATIVE

Work Order Comments

- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.
The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

Metals by Method SW7470A**Batch ID: 197179**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A**Batch ID: 197142****Sample ID: MW-6 (HS23070114-01MS)**

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount.
Calcium, Magnesium.

Sample ID: MW-6 (HS23070114-01MSD)

- Lithium failed on the MSD but passed on the MS and PDS.

Sample ID: MW-6 (HS23070114-01PDS)

- The PDS recovery was outside method control limits, however the result in the parent sample is greater than 4x the spike amount.
Calcium.

WetChemistry by Method M2540C**Batch ID: R440642**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500H+ B**Batch ID: R440632**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM2320B**Batch ID: R440630**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300**Batch ID: R440605****Sample ID: 03-Blank (HS23070114-05)**

- The reporting limit is elevated due to dilution for high concentrations of non-target analytes. (Nitrate/Nitrite (as N), Nitrogen, Nitrate (As N), Nitrogen, Nitrite (As N))

Batch ID: R440600

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Work Order: HS23070114

CASE NARRATIVE

WetChemistry by Method SW9014

Batch ID: 197169

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: MW-6
 Collection Date: 29-Jun-2023 15:45

ANALYTICAL REPORT

WorkOrder:HS23070114
 Lab ID:HS23070114-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 05-Jul-2023		Analyst: JC
Aluminum	ND		0.0100	mg/L	1	06-Jul-2023 11:25
Antimony	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Arsenic	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Barium	0.0351		0.00400	mg/L	1	06-Jul-2023 11:25
Beryllium	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Boron	0.0582		0.0200	mg/L	1	06-Jul-2023 11:25
Cadmium	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Calcium	404		5.00	mg/L	10	06-Jul-2023 00:33
Chromium	ND		0.00400	mg/L	1	06-Jul-2023 11:25
Cobalt	ND		0.00500	mg/L	1	06-Jul-2023 11:25
Copper	0.00374		0.00200	mg/L	1	06-Jul-2023 11:25
Iron	ND		0.200	mg/L	1	06-Jul-2023 11:25
Lead	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Lithium	0.0228		0.00500	mg/L	1	06-Jul-2023 11:25
Magnesium	26.0		0.200	mg/L	1	06-Jul-2023 11:25
Manganese	ND		0.00500	mg/L	1	06-Jul-2023 11:25
Molybdenum	0.00660		0.00500	mg/L	1	06-Jul-2023 11:25
Nickel	0.00306		0.00200	mg/L	1	06-Jul-2023 11:25
Potassium	5.18		0.200	mg/L	1	06-Jul-2023 11:25
Selenium	0.0110		0.00200	mg/L	1	06-Jul-2023 11:25
Silver	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Sodium	12.8		0.200	mg/L	1	06-Jul-2023 11:25
Thallium	ND		0.00200	mg/L	1	06-Jul-2023 11:25
Uranium	0.0276		0.00500	mg/L	1	06-Jul-2023 11:25
Vanadium	ND		0.00500	mg/L	1	06-Jul-2023 11:25
Zinc	ND		0.00400	mg/L	1	06-Jul-2023 11:25
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 06-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	06-Jul-2023 14:57
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	26.2		0.500	mg/L	1	05-Jul-2023 22:38
Fluoride	0.697		0.100	mg/L	1	05-Jul-2023 22:38
Sulfate	1,000		10.0	mg/L	20	05-Jul-2023 22:44
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	06-Jul-2023 05:00
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	2,100		10.0	mg/L	1	05-Jul-2023 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: MW-6
Collection Date: 29-Jun-2023 15:45

ANALYTICAL REPORT

WorkOrder:HS23070114
Lab ID:HS23070114-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	233		5.00	mg/L	1	06-Jul-2023 10:58
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	06-Jul-2023 10:58
Alkalinity, Total (As CaCO ₃)	233		5.00	mg/L	1	06-Jul-2023 10:58
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.24	H	0.100	pH Units	1	06-Jul-2023 10:58
Temp Deg C @pH	19.9	H	0	°C	1	06-Jul-2023 10:58
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 06-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	06-Jul-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: MW-10
 Collection Date: 29-Jun-2023 15:16

ANALYTICAL REPORT

WorkOrder:HS23070114
 Lab ID:HS23070114-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 05-Jul-2023		Analyst: JC
Aluminum	0.0425		0.0100	mg/L	1	06-Jul-2023 11:35
Antimony	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Arsenic	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Barium	0.0217		0.00400	mg/L	1	06-Jul-2023 11:35
Beryllium	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Boron	0.0499		0.0200	mg/L	1	06-Jul-2023 11:35
Cadmium	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Calcium	292		5.00	mg/L	10	06-Jul-2023 00:48
Chromium	ND		0.00400	mg/L	1	06-Jul-2023 11:35
Cobalt	ND		0.00500	mg/L	1	06-Jul-2023 11:35
Copper	0.00333		0.00200	mg/L	1	06-Jul-2023 11:35
Iron	ND		0.200	mg/L	1	06-Jul-2023 11:35
Lead	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Lithium	0.0237		0.00500	mg/L	1	06-Jul-2023 11:35
Magnesium	24.9		0.200	mg/L	1	06-Jul-2023 11:35
Manganese	ND		0.00500	mg/L	1	06-Jul-2023 11:35
Molybdenum	ND		0.00500	mg/L	1	06-Jul-2023 11:35
Nickel	0.00306		0.00200	mg/L	1	06-Jul-2023 11:35
Potassium	3.59		0.200	mg/L	1	06-Jul-2023 11:35
Selenium	0.0950		0.00200	mg/L	1	06-Jul-2023 11:35
Silver	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Sodium	33.1		0.200	mg/L	1	06-Jul-2023 11:35
Thallium	ND		0.00200	mg/L	1	06-Jul-2023 11:35
Uranium	0.0247		0.00500	mg/L	1	06-Jul-2023 11:35
Vanadium	ND		0.00500	mg/L	1	06-Jul-2023 11:35
Zinc	ND		0.00400	mg/L	1	06-Jul-2023 11:35
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 06-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	06-Jul-2023 14:58
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	27.9		0.500	mg/L	1	05-Jul-2023 22:50
Fluoride	0.705		0.100	mg/L	1	05-Jul-2023 22:50
Sulfate	774		10.0	mg/L	20	05-Jul-2023 22:55
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	5.50		2.00	mg/L	10	06-Jul-2023 05:06
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	1,360		10.0	mg/L	1	05-Jul-2023 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: MW-10
Collection Date: 29-Jun-2023 15:16

ANALYTICAL REPORT

WorkOrder:HS23070114
Lab ID:HS23070114-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	245		5.00	mg/L	1	06-Jul-2023 11:04
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	06-Jul-2023 11:04
Alkalinity, Total (As CaCO ₃)	245		5.00	mg/L	1	06-Jul-2023 11:04
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.31	H	0.100	pH Units	1	06-Jul-2023 11:04
Temp Deg C @pH	20.2	H	0	°C	1	06-Jul-2023 11:04
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 06-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	06-Jul-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: MW-12
 Collection Date: 29-Jun-2023 14:28

ANALYTICAL REPORT

WorkOrder:HS23070114
 Lab ID:HS23070114-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 05-Jul-2023		Analyst: JC
Aluminum	0.0254		0.0100	mg/L	1	06-Jul-2023 11:37
Antimony	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Arsenic	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Barium	0.0515		0.00400	mg/L	1	06-Jul-2023 11:37
Beryllium	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Boron	0.0461		0.0200	mg/L	1	06-Jul-2023 11:37
Cadmium	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Calcium	214		5.00	mg/L	10	06-Jul-2023 00:50
Chromium	ND		0.00400	mg/L	1	06-Jul-2023 11:37
Cobalt	ND		0.00500	mg/L	1	06-Jul-2023 11:37
Copper	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Iron	ND		0.200	mg/L	1	06-Jul-2023 11:37
Lead	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Lithium	0.0144		0.00500	mg/L	1	06-Jul-2023 11:37
Magnesium	20.3		0.200	mg/L	1	06-Jul-2023 11:37
Manganese	ND		0.00500	mg/L	1	06-Jul-2023 11:37
Molybdenum	ND		0.00500	mg/L	1	06-Jul-2023 11:37
Nickel	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Potassium	1.98		0.200	mg/L	1	06-Jul-2023 11:37
Selenium	0.00284		0.00200	mg/L	1	06-Jul-2023 11:37
Silver	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Sodium	18.5		0.200	mg/L	1	06-Jul-2023 11:37
Thallium	ND		0.00200	mg/L	1	06-Jul-2023 11:37
Uranium	0.00765		0.00500	mg/L	1	06-Jul-2023 11:37
Vanadium	ND		0.00500	mg/L	1	06-Jul-2023 11:37
Zinc	0.00743		0.00400	mg/L	1	06-Jul-2023 11:37
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 06-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	06-Jul-2023 15:00
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	18.1		0.500	mg/L	1	05-Jul-2023 23:36
Fluoride	0.623		0.100	mg/L	1	05-Jul-2023 23:36
Sulfate	483		10.0	mg/L	20	05-Jul-2023 23:42
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	06-Jul-2023 05:12
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	932		10.0	mg/L	1	05-Jul-2023 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: MW-12
Collection Date: 29-Jun-2023 14:28

ANALYTICAL REPORT

WorkOrder:HS23070114
Lab ID:HS23070114-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	182		5.00	mg/L	1	06-Jul-2023 11:10
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	06-Jul-2023 11:10
Alkalinity, Total (As CaCO ₃)	182		5.00	mg/L	1	06-Jul-2023 11:10
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.30	H	0.100	pH Units	1	06-Jul-2023 11:10
Temp Deg C @pH	20.3	H	0	°C	1	06-Jul-2023 11:10
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 06-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	06-Jul-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: MW-13
 Collection Date: 29-Jun-2023 13:35

ANALYTICAL REPORT

WorkOrder:HS23070114
 Lab ID:HS23070114-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 05-Jul-2023		Analyst: JC
Aluminum	ND		0.0100	mg/L	1	06-Jul-2023 11:40
Antimony	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Arsenic	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Barium	0.117		0.00400	mg/L	1	06-Jul-2023 11:40
Beryllium	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Boron	ND		0.0200	mg/L	1	06-Jul-2023 11:40
Cadmium	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Calcium	155		0.500	mg/L	1	06-Jul-2023 11:40
Chromium	ND		0.00400	mg/L	1	06-Jul-2023 11:40
Cobalt	ND		0.00500	mg/L	1	06-Jul-2023 11:40
Copper	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Iron	ND		0.200	mg/L	1	06-Jul-2023 11:40
Lead	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Lithium	0.00844		0.00500	mg/L	1	06-Jul-2023 11:40
Magnesium	20.2		0.200	mg/L	1	06-Jul-2023 11:40
Manganese	ND		0.00500	mg/L	1	06-Jul-2023 11:40
Molybdenum	ND		0.00500	mg/L	1	06-Jul-2023 11:40
Nickel	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Potassium	1.62		0.200	mg/L	1	06-Jul-2023 11:40
Selenium	0.00247		0.00200	mg/L	1	06-Jul-2023 11:40
Silver	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Sodium	9.69		0.200	mg/L	1	06-Jul-2023 11:40
Thallium	ND		0.00200	mg/L	1	06-Jul-2023 11:40
Uranium	0.00805		0.00500	mg/L	1	06-Jul-2023 11:40
Vanadium	ND		0.00500	mg/L	1	06-Jul-2023 11:40
Zinc	0.00572		0.00400	mg/L	1	06-Jul-2023 11:40
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 06-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	06-Jul-2023 15:02
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	20.5		0.500	mg/L	1	05-Jul-2023 23:47
Fluoride	0.355		0.100	mg/L	1	05-Jul-2023 23:47
Sulfate	381		10.0	mg/L	20	05-Jul-2023 23:53
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	06-Jul-2023 05:18
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	768		10.0	mg/L	1	05-Jul-2023 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: MW-13
Collection Date: 29-Jun-2023 13:35

ANALYTICAL REPORT

WorkOrder:HS23070114
Lab ID:HS23070114-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	164		5.00	mg/L	1	06-Jul-2023 11:27
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	06-Jul-2023 11:27
Alkalinity, Total (As CaCO ₃)	164		5.00	mg/L	1	06-Jul-2023 11:27
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.72	H	0.100	pH Units	1	06-Jul-2023 11:27
Temp Deg C @pH	20.2	H	0	°C	1	06-Jul-2023 11:27
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 06-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	06-Jul-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: 03-Blank
 Collection Date: 29-Jun-2023 16:00

ANALYTICAL REPORT

WorkOrder:HS23070114
 Lab ID:HS23070114-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 05-Jul-2023		Analyst: JC
Aluminum	ND		0.0100	mg/L	1	06-Jul-2023 11:42
Antimony	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Arsenic	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Barium	ND		0.00400	mg/L	1	06-Jul-2023 11:42
Beryllium	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Boron	ND		0.0200	mg/L	1	06-Jul-2023 11:42
Cadmium	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Calcium	ND		0.500	mg/L	1	06-Jul-2023 11:42
Chromium	ND		0.00400	mg/L	1	06-Jul-2023 11:42
Cobalt	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Copper	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Iron	ND		0.200	mg/L	1	06-Jul-2023 11:42
Lead	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Lithium	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Magnesium	ND		0.200	mg/L	1	06-Jul-2023 11:42
Manganese	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Molybdenum	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Nickel	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Potassium	ND		0.200	mg/L	1	06-Jul-2023 11:42
Selenium	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Silver	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Sodium	ND		0.200	mg/L	1	06-Jul-2023 11:42
Thallium	ND		0.00200	mg/L	1	06-Jul-2023 11:42
Uranium	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Vanadium	ND		0.00500	mg/L	1	06-Jul-2023 11:42
Zinc	ND		0.00400	mg/L	1	06-Jul-2023 11:42
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 06-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	06-Jul-2023 15:03
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	0.546		0.500	mg/L	1	05-Jul-2023 23:59
Fluoride	ND		0.100	mg/L	1	05-Jul-2023 23:59
Sulfate	0.505		0.500	mg/L	1	05-Jul-2023 23:59
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	06-Jul-2023 05:23
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	82.0		10.0	mg/L	1	05-Jul-2023 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: 03-Blank
Collection Date: 29-Jun-2023 16:00

ANALYTICAL REPORT

WorkOrder:HS23070114
Lab ID:HS23070114-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO3)	ND		5.00	mg/L	1	06-Jul-2023 11:32
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	06-Jul-2023 11:32
Alkalinity, Total (As CaCO3)	ND		5.00	mg/L	1	06-Jul-2023 11:32
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	5.34	H	0.100	pH Units	1	06-Jul-2023 11:32
Temp Deg C @pH	20.1	H	0	°C	1	06-Jul-2023 11:32
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 06-Jul-2023 Analyst: MZD		
Cyanide	ND		0.00500	mg/L	1	06-Jul-2023 13:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

Batch ID: 197142	Start Date: 05 Jul 2023 14:30	End Date: 05 Jul 2023 14:30
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070114-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 197169	Start Date: 06 Jul 2023 09:00	End Date: 06 Jul 2023 09:00
Method: CYANIDE PREP - SW9010C	Prep Code: CN_TW_PR	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070114-01		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23070114-02		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23070114-03		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23070114-04		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23070114-05		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH

Batch ID: 197179	Start Date: 06 Jul 2023 08:30	End Date: 06 Jul 2023 08:30
Method: MERCURY PREP BY 7470A - DISSOLVED	Prep Code: HG_W_DISSPR	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070114-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070114-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 197142 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45		05 Jul 2023 14:30	06 Jul 2023 11:25	1
HS23070114-01	MW-6	29 Jun 2023 15:45		05 Jul 2023 14:30	06 Jul 2023 00:33	10
HS23070114-02	MW-10	29 Jun 2023 15:16		05 Jul 2023 14:30	06 Jul 2023 11:35	1
HS23070114-02	MW-10	29 Jun 2023 15:16		05 Jul 2023 14:30	06 Jul 2023 00:48	10
HS23070114-03	MW-12	29 Jun 2023 14:28		05 Jul 2023 14:30	06 Jul 2023 11:37	1
HS23070114-03	MW-12	29 Jun 2023 14:28		05 Jul 2023 14:30	06 Jul 2023 00:50	10
HS23070114-04	MW-13	29 Jun 2023 13:35		05 Jul 2023 14:30	06 Jul 2023 11:40	1
HS23070114-05	03-Blank	29 Jun 2023 16:00		05 Jul 2023 14:30	06 Jul 2023 11:42	1
Batch ID: 197169 (0)		Test Name : CYANIDE - SW9014			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45		06 Jul 2023 09:00	06 Jul 2023 13:22	1
HS23070114-02	MW-10	29 Jun 2023 15:16		06 Jul 2023 09:00	06 Jul 2023 13:22	1
HS23070114-03	MW-12	29 Jun 2023 14:28		06 Jul 2023 09:00	06 Jul 2023 13:22	1
HS23070114-04	MW-13	29 Jun 2023 13:35		06 Jul 2023 09:00	06 Jul 2023 13:22	1
HS23070114-05	03-Blank	29 Jun 2023 16:00		06 Jul 2023 09:00	06 Jul 2023 13:22	1
Batch ID: 197179 (0)		Test Name : DISSOLVED MERCURY BY SW7470A			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45		06 Jul 2023 08:30	06 Jul 2023 14:57	1
HS23070114-02	MW-10	29 Jun 2023 15:16		06 Jul 2023 08:30	06 Jul 2023 14:58	1
HS23070114-03	MW-12	29 Jun 2023 14:28		06 Jul 2023 08:30	06 Jul 2023 15:00	1
HS23070114-04	MW-13	29 Jun 2023 13:35		06 Jul 2023 08:30	06 Jul 2023 15:02	1
HS23070114-05	03-Blank	29 Jun 2023 16:00		06 Jul 2023 08:30	06 Jul 2023 15:03	1
Batch ID: R440600 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45			05 Jul 2023 22:44	20
HS23070114-01	MW-6	29 Jun 2023 15:45			05 Jul 2023 22:38	1
HS23070114-02	MW-10	29 Jun 2023 15:16			05 Jul 2023 22:55	20
HS23070114-02	MW-10	29 Jun 2023 15:16			05 Jul 2023 22:50	1
HS23070114-03	MW-12	29 Jun 2023 14:28			05 Jul 2023 23:42	20
HS23070114-03	MW-12	29 Jun 2023 14:28			05 Jul 2023 23:36	1
HS23070114-04	MW-13	29 Jun 2023 13:35			05 Jul 2023 23:53	20
HS23070114-04	MW-13	29 Jun 2023 13:35			05 Jul 2023 23:47	1
HS23070114-05	03-Blank	29 Jun 2023 16:00			05 Jul 2023 23:59	1
Batch ID: R440605 (0)		Test Name : NITRATE/NITRITE BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45			06 Jul 2023 05:00	10
HS23070114-02	MW-10	29 Jun 2023 15:16			06 Jul 2023 05:06	10
HS23070114-03	MW-12	29 Jun 2023 14:28			06 Jul 2023 05:12	10
HS23070114-04	MW-13	29 Jun 2023 13:35			06 Jul 2023 05:18	10
HS23070114-05	03-Blank	29 Jun 2023 16:00			06 Jul 2023 05:23	10

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R440630 (0)		Test Name : ALKALINITY BY SM 2320B-2011			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45			06 Jul 2023 10:58	1
HS23070114-02	MW-10	29 Jun 2023 15:16			06 Jul 2023 11:04	1
HS23070114-03	MW-12	29 Jun 2023 14:28			06 Jul 2023 11:10	1
HS23070114-04	MW-13	29 Jun 2023 13:35			06 Jul 2023 11:27	1
HS23070114-05	03-Blank	29 Jun 2023 16:00			06 Jul 2023 11:32	1
Batch ID: R440632 (0)		Test Name : PH BY SM4500H+ B-2011			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45			06 Jul 2023 10:58	1
HS23070114-02	MW-10	29 Jun 2023 15:16			06 Jul 2023 11:04	1
HS23070114-03	MW-12	29 Jun 2023 14:28			06 Jul 2023 11:10	1
HS23070114-04	MW-13	29 Jun 2023 13:35			06 Jul 2023 11:27	1
HS23070114-05	03-Blank	29 Jun 2023 16:00			06 Jul 2023 11:32	1
Batch ID: R440642 (0)		Test Name : TOTAL DISSOLVED SOLIDS BY SM2540C-2011			Matrix: Water	
HS23070114-01	MW-6	29 Jun 2023 15:45			05 Jul 2023 13:37	1
HS23070114-02	MW-10	29 Jun 2023 15:16			05 Jul 2023 13:37	1
HS23070114-03	MW-12	29 Jun 2023 14:28			05 Jul 2023 13:37	1
HS23070114-04	MW-13	29 Jun 2023 13:35			05 Jul 2023 13:37	1
HS23070114-05	03-Blank	29 Jun 2023 16:00			05 Jul 2023 13:37	1

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-197142	Units: mg/L		Analysis Date: 06-Jul-2023 00:28					
Client ID:	Run ID: ICPMS05_440523		SeqNo: 7403018		PrepDate: 05-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
LCS		Sample ID: LCS-197142		Units: mg/L		Analysis Date: 06-Jul-2023 00:31			
Client ID:		Run ID: ICPMS05_440523		SeqNo: 7403019		PrepDate: 05-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.09957	0.0100	0.1	0	99.6	80 - 120			
Antimony	0.04928	0.00200	0.05	0	98.6	80 - 120			
Arsenic	0.05118	0.00200	0.05	0	102	80 - 120			
Barium	0.04672	0.00400	0.05	0	93.4	80 - 120			
Beryllium	0.04726	0.00200	0.05	0	94.5	80 - 120			
Boron	0.4349	0.0200	0.5	0	87.0	80 - 120			
Cadmium	0.04902	0.00200	0.05	0	98.0	80 - 120			
Calcium	5.124	0.500	5	0	102	80 - 120			
Chromium	0.04831	0.00400	0.05	0	96.6	80 - 120			
Cobalt	0.04894	0.00500	0.05	0	97.9	80 - 120			
Copper	0.05008	0.00200	0.05	0	100	80 - 120			
Iron	5.072	0.200	5	0	101	80 - 120			
Lead	0.04454	0.00200	0.05	0	89.1	80 - 120			
Lithium	0.09509	0.00500	0.1	0	95.1	80 - 120			
Magnesium	5.156	0.200	5	0	103	80 - 120			
Manganese	0.04891	0.00500	0.05	0	97.8	80 - 120			
Molybdenum	0.04623	0.00500	0.05	0	92.5	80 - 120			
Nickel	0.04999	0.00200	0.05	0	100.0	80 - 120			
Potassium	5.118	0.200	5	0	102	80 - 120			
Selenium	0.05317	0.00200	0.05	0	106	80 - 120			
Silver	0.04905	0.00200	0.05	0	98.1	80 - 120			
Sodium	5.098	0.200	5	0	102	80 - 120			
Thallium	0.04043	0.00200	0.05	0	80.9	80 - 120			
Uranium	0.09408	0.00500	0.1	0	94.1	80 - 120			
Vanadium	0.04801	0.00500	0.05	0	96.0	80 - 120			
Zinc	0.05321	0.00400	0.05	0	106	80 - 120			

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MS		Sample ID: HS23070114-01MS		Units: mg/L		Analysis Date: 06-Jul-2023 11:29			
Client ID: MW-6		Run ID: ICPMS06_440607		SeqNo: 7403530		PrepDate: 05-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1029	0.0100	0.1	0.008564	94.3	75 - 125			
Antimony	0.04764	0.00200	0.05	0.000409	94.5	75 - 125			
Arsenic	0.04832	0.00200	0.05	0.000543	95.5	75 - 125			
Barium	0.08039	0.00400	0.05	0.03505	90.7	75 - 125			
Beryllium	0.04553	0.00200	0.05	0	91.1	75 - 125			
Boron	0.5311	0.0200	0.5	0.05822	94.6	75 - 125			
Cadmium	0.04548	0.00200	0.05	0	91.0	75 - 125			
Calcium	387.3	0.500	5	406.1	-377	75 - 125			SEO
Chromium	0.04788	0.00400	0.05	0.00074	94.3	75 - 125			
Cobalt	0.04875	0.00500	0.05	0.001496	94.5	75 - 125			
Copper	0.05065	0.00200	0.05	0.003736	93.8	75 - 125			
Iron	4.799	0.200	5	0	96.0	75 - 125			
Lead	0.04589	0.00200	0.05	0	91.8	75 - 125			
Lithium	0.1045	0.00500	0.1	0.0228	81.7	75 - 125			
Magnesium	29.4	0.200	5	25.99	68.1	75 - 125			SO
Manganese	0.04662	0.00500	0.05	0	93.2	75 - 125			
Molybdenum	0.05251	0.00500	0.05	0.006603	91.8	75 - 125			
Nickel	0.04913	0.00200	0.05	0.003058	92.2	75 - 125			
Potassium	9.663	0.200	5	5.175	89.8	75 - 125			
Selenium	0.05811	0.00200	0.05	0.011	94.2	75 - 125			
Silver	0.04556	0.00200	0.05	0	91.1	75 - 125			
Sodium	16.83	0.200	5	12.76	81.4	75 - 125			
Thallium	0.04046	0.00200	0.05	0	80.9	75 - 125			
Uranium	0.119	0.00500	0.1	0.02758	91.5	75 - 125			
Vanadium	0.0486	0.00500	0.05	0.001344	94.5	75 - 125			
Zinc	0.04845	0.00400	0.05	0	96.9	75 - 125			

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MSD		Sample ID: HS23070114-01MSD		Units: mg/L		Analysis Date: 06-Jul-2023 11:31			
Client ID: MW-6		Run ID: ICPMS06_440607		SeqNo: 7403531		PrepDate: 05-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1047	0.0100	0.1	0.008564	96.2	75 - 125	0.1029	1.8	20
Antimony	0.0495	0.00200	0.05	0.000409	98.2	75 - 125	0.04764	3.82	20
Arsenic	0.04983	0.00200	0.05	0.000543	98.6	75 - 125	0.04832	3.09	20
Barium	0.08257	0.00400	0.05	0.03505	95.0	75 - 125	0.08039	2.67	20
Beryllium	0.0408	0.00200	0.05	0	81.6	75 - 125	0.04553	11	20
Boron	0.4971	0.0200	0.5	0.05822	87.8	75 - 125	0.5311	6.61	20
Cadmium	0.04595	0.00200	0.05	0	91.9	75 - 125	0.04548	1.03	20
Calcium	398.2	0.500	5	406.1	-158	75 - 125	387.3	2.79	20 SEO
Chromium	0.0487	0.00400	0.05	0.00074	95.9	75 - 125	0.04788	1.7	20
Cobalt	0.05054	0.00500	0.05	0.001496	98.1	75 - 125	0.04875	3.61	20
Copper	0.05314	0.00200	0.05	0.003736	98.8	75 - 125	0.05065	4.79	20
Iron	4.967	0.200	5	0	99.3	75 - 125	4.799	3.44	20
Lead	0.04698	0.00200	0.05	0	94.0	75 - 125	0.04589	2.35	20
Lithium	0.09376	0.00500	0.1	0.0228	71.0	75 - 125	0.1045	10.8	20 S
Magnesium	29.75	0.200	5	25.99	75.2	75 - 125	29.4	1.2	20 O
Manganese	0.04791	0.00500	0.05	0	95.8	75 - 125	0.04662	2.72	20
Molybdenum	0.05326	0.00500	0.05	0.006603	93.3	75 - 125	0.05251	1.43	20
Nickel	0.05141	0.00200	0.05	0.003058	96.7	75 - 125	0.04913	4.53	20
Potassium	9.744	0.200	5	5.175	91.4	75 - 125	9.663	0.836	20
Selenium	0.05734	0.00200	0.05	0.011	92.7	75 - 125	0.05811	1.34	20
Silver	0.04632	0.00200	0.05	0	92.6	75 - 125	0.04556	1.65	20
Sodium	17.4	0.200	5	12.76	92.9	75 - 125	16.83	3.35	20
Thallium	0.04223	0.00200	0.05	0	84.5	75 - 125	0.04046	4.27	20
Uranium	0.1247	0.00500	0.1	0.02758	97.1	75 - 125	0.119	4.61	20
Vanadium	0.04984	0.00500	0.05	0.001344	97.0	75 - 125	0.0486	2.53	20
Zinc	0.05055	0.00400	0.05	0	101	75 - 125	0.04845	4.24	20

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
PDS		Sample ID: HS23070114-01PDS		Units: mg/L		Analysis Date: 06-Jul-2023 11:34			
Client ID: MW-6		Run ID: ICPMS06_440607		SeqNo: 7403532		PrepDate: 05-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.09739	0.0100	0.1	0.008564	88.8	75 - 125			
Antimony	0.09153	0.00200	0.1	0.000409	91.1	75 - 125			
Arsenic	0.09554	0.00200	0.1	0.000543	95.0	75 - 125			
Barium	0.1275	0.00400	0.1	0.03505	92.5	75 - 125			
Beryllium	0.08086	0.00200	0.1	0	80.9	75 - 125			
Boron	0.5095	0.0200	0.5	0.05822	90.2	75 - 125			
Cadmium	0.09205	0.00200	0.1	0	92.1	75 - 125			
Chromium	0.09503	0.00400	0.1	0.00074	94.3	75 - 125			
Cobalt	0.09612	0.00500	0.1	0.001496	94.6	75 - 125			
Copper	0.09864	0.00200	0.1	0.003736	94.9	75 - 125			
Iron	9.574	0.200	10	0	95.7	75 - 125			
Lead	0.09028	0.00200	0.1	0	90.3	75 - 125			
Lithium	0.1029	0.00500	0.1	0.0228	80.1	75 - 125			
Magnesium	33.96	0.200	10	25.99	79.6	75 - 125			
Manganese	0.09283	0.00500	0.1	0	92.8	75 - 125			
Molybdenum	0.09911	0.00500	0.1	0.006603	92.5	75 - 125			
Nickel	0.09496	0.00200	0.1	0.003058	91.9	75 - 125			
Potassium	14.28	0.200	10	5.175	91.0	75 - 125			
Selenium	0.1032	0.00200	0.1	0.011	92.2	75 - 125			
Silver	0.09409	0.00200	0.1	0	94.1	75 - 125			
Sodium	21.56	0.200	10	12.76	88.0	75 - 125			
Thallium	0.09465	0.00200	0.1	0	94.6	75 - 125			
Uranium	0.1232	0.00500	0.1	0.02758	95.7	75 - 125			
Vanadium	0.09621	0.00500	0.1	0.001344	94.9	75 - 125			
Zinc	0.09464	0.00400	0.1	0	94.6	75 - 125			

PDS		Sample ID: HS23070114-01PDS		Units: mg/L		Analysis Date: 06-Jul-2023 00:41			
Client ID: MW-6		Run ID: ICPMS05_440523		SeqNo: 7403024		PrepDate: 05-Jul-2023		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Calcium	472.1	5.00	100	403.6	68.5	75 - 125			SO

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197142 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD		Sample ID: HS23070114-01SD		Units: mg/L		Analysis Date: 06-Jul-2023 11:27				
Client ID: MW-6		Run ID: ICPMS06_440607		SeqNo: 7403529		PrepDate: 05-Jul-2023		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Aluminum	0.0102	0.0500					0.008564	0	10	J
Antimony	ND	0.0100					0.000409	0	10	
Arsenic	ND	0.0100					0.000543	0	10	
Barium	0.03522	0.0200					0.03505	0.468	10	
Beryllium	ND	0.0100					0.000001	0	10	
Boron	0.07075	0.100					0.05822	0	10	J
Cadmium	ND	0.0100					0.000024	0	10	
Chromium	ND	0.0200					0.00074	0	10	
Cobalt	0.001606	0.0250					0.001496	0	10	J
Copper	ND	0.0100					0.003736	0	10	
Iron	ND	1.00					0.01034	0	10	
Lead	ND	0.0100					0.000012	0	10	
Lithium	0.02254	0.0250					0.0228	0	10	J
Magnesium	26.86	1.00					25.99	3.33	10	
Manganese	ND	0.0250					0.000075	0	10	
Molybdenum	0.00598	0.0250					0.006603	0	10	J
Nickel	0.0034	0.0100					0.003058	0	10	J
Potassium	5.479	1.00					5.175	5.88	10	
Selenium	0.01159	0.0100					0.011	5.38	10	
Silver	ND	0.0100					0.000039	0	10	
Sodium	13.15	1.00					12.76	3.06	10	
Thallium	ND	0.0100					0.000008	0	10	
Uranium	0.02774	0.0250					0.02758	0.562	10	
Vanadium	ND	0.0250					0.001344	0	10	
Zinc	ND	0.0200					0.001804	0	10	

SD		Sample ID: HS23070114-01SD		Units: mg/L		Analysis Date: 06-Jul-2023 00:35				
Client ID: MW-6		Run ID: ICPMS05_440523		SeqNo: 7403021		PrepDate: 05-Jul-2023		DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Calcium	411.3	25.0					403.6	1.92	10	
The following samples were analyzed in this batch:		HS23070114-01 HS23070114-05		HS23070114-02		HS23070114-03		HS23070114-04		

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197179 (0)		Instrument: HG04		Method: DISSOLVED MERCURY BY SW7470A (DISSOLVED)						
MBLK	Sample ID: MBLKF1-196701	Units: mg/L		Analysis Date: 06-Jul-2023 14:10						
Client ID:	Run ID: HG04_440667		SeqNo: 7404696		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.000200								
MBLK	Sample ID: MBLK-197179	Units: mg/L		Analysis Date: 06-Jul-2023 14:07						
Client ID:	Run ID: HG04_440667		SeqNo: 7404694		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.000200								
LCS	Sample ID: LCS-197179	Units: mg/L		Analysis Date: 06-Jul-2023 14:08						
Client ID:	Run ID: HG04_440667		SeqNo: 7404695		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00506	0.000200	0.005	0	101	80 - 120				
MS	Sample ID: HS23061527-12MS	Units: mg/L		Analysis Date: 06-Jul-2023 14:39						
Client ID:	Run ID: HG04_440667		SeqNo: 7404711		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0054	0.000200	0.005	0.000023	108	80 - 120				
MSD	Sample ID: HS23061527-12MSD	Units: mg/L		Analysis Date: 06-Jul-2023 14:43						
Client ID:	Run ID: HG04_440667		SeqNo: 7404712		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00519	0.000200	0.005	0.000023	103	80 - 120	0.0054	3.97	20	
The following samples were analyzed in this batch:										
HS23070114-01 HS23070114-02 HS23070114-03 HS23070114-04 HS23070114-05										

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: 197169 (0)		Instrument: UV-2450		Method: CYANIDE - SW9014					
MBLK	Sample ID: MBLK-197169	Units: mg/L		Analysis Date: 06-Jul-2023 13:22					
Client ID:	Run ID: UV-2450_440659	SeqNo: 7404488		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	ND	0.00500							
LCS	Sample ID: LCS-197169	Units: mg/L		Analysis Date: 06-Jul-2023 13:22					
Client ID:	Run ID: UV-2450_440659	SeqNo: 7404487		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.196	0.00500	0.2	0	98.0	80 - 120			
MS	Sample ID: HS23070124-01MS	Units: mg/L		Analysis Date: 06-Jul-2023 13:22					
Client ID:	Run ID: UV-2450_440659	SeqNo: 7404485		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.196	0.00500	0.2	-0.001	98.5	80 - 120			
MSD	Sample ID: HS23070124-01MSD	Units: mg/L		Analysis Date: 06-Jul-2023 13:22					
Client ID:	Run ID: UV-2450_440659	SeqNo: 7404486		PrepDate: 06-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.195	0.00500	0.2	-0.001	98.0	80 - 120	0.196	0.512	20
The following samples were analyzed in this batch:									
		HS23070114-01		HS23070114-02		HS23070114-03		HS23070114-04	
		HS23070114-05							

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: R440600 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 05-Jul-2023 21:57					
Client ID:	Run ID: ICS-Integrion_440600		SeqNo: 7403275		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Chloride ND 0.500

Fluoride ND 0.100

Sulfate ND 0.500

LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 05-Jul-2023 22:09					
Client ID:	Run ID: ICS-Integrion_440600		SeqNo: 7403276		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Chloride 19.66 0.500 20 0 98.3 90 - 110

Fluoride 4.259 0.100 4 0 106 90 - 110

Sulfate 18.04 0.500 20 0 90.2 90 - 110

MS	Sample ID: HS23070122-01MS	Units: mg/L		Analysis Date: 05-Jul-2023 22:21					
Client ID:	Run ID: ICS-Integrion_440600		SeqNo: 7403278		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Chloride 41.74 0.500 10 33.45 82.9 80 - 120

Fluoride 2.413 0.100 2 0.3392 104 80 - 120

Sulfate 88.71 0.500 10 80.18 85.3 80 - 120

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MSD	Sample ID: HS23070122-01MSD	Units: mg/L		Analysis Date: 05-Jul-2023 22:26					
Client ID:	Run ID: ICS-Integrion_440600		SeqNo: 7403279		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Chloride 41.69 0.500 10 33.45 82.4 80 - 120 41.74 0.117 20

Fluoride 2.376 0.100 2 0.3392 102 80 - 120 2.413 1.55 20

Sulfate 88.6 0.500 10 80.18 84.2 80 - 120 88.71 0.128 20

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The following samples were analyzed in this batch:

HS23070114-01	HS23070114-02	HS23070114-03	HS23070114-04
HS23070114-05			

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: R440605 (0)		Instrument: ICS-Integrion		Method: NITRATE/NITRITE BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 06-Jul-2023 04:08					
Client ID:	Run ID: ICS-Integrion_440605		SeqNo: 7403393		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	ND	0.200							
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 06-Jul-2023 04:14					
Client ID:	Run ID: ICS-Integrion_440605		SeqNo: 7403394		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	7.937	0.200	8	0	99.2	90 - 110			
MS	Sample ID: HS23062109-01MS	Units: mg/L		Analysis Date: 06-Jul-2023 04:43					
Client ID:	Run ID: ICS-Integrion_440605		SeqNo: 7403383		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	37.37	2.00	40	2.357	87.5	80 - 120			
MSD	Sample ID: HS23062109-01MSD	Units: mg/L		Analysis Date: 06-Jul-2023 04:49					
Client ID:	Run ID: ICS-Integrion_440605		SeqNo: 7403384		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	38.45	2.00	40	2.357	90.2	80 - 120	37.37	2.85	20
The following samples were analyzed in this batch:									
HS23070114-01 HS23070114-02 HS23070114-03 HS23070114-04 HS23070114-05									

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: R440630 (0)		Instrument: Skalar 03		Method: ALKALINITY BY SM 2320B-2011					
MBLK	Sample ID: MBLK-07062023	Units: mg/L		Analysis Date: 06-Jul-2023 10:14					
Client ID:	Run ID: Skalar 03_440630	SeqNo: 7403911		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qua
Alkalinity, Bicarbonate (As CaCO3)	ND	5.00							
Alkalinity, Carbonate (As CaCO3)	ND	5.00							
Alkalinity, Total (As CaCO3)	ND	5.00							

LCS	Sample ID: LCS-07062023	Units: mg/L		Analysis Date: 06-Jul-2023 10:21					
Client ID:	Run ID: Skalar 03_440630	SeqNo: 7403912		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	919.8	5.00	1000	0	92.0	85 - 115			
Alkalinity, Total (As CaCO3)	926.7	5.00	1000	0	92.7	85 - 115			

LCSD	Sample ID: LCSD-07062023	Units: mg/L		Analysis Date: 06-Jul-2023 10:28					
Client ID:	Run ID: Skalar 03_440630	SeqNo: 7403913		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	921.2	5.00	1000	0	92.1	85 - 115	919.8	0.152	20
Alkalinity, Total (As CaCO3)	929.2	5.00	1000	0	92.9	85 - 115	926.7	0.269	20

DUP	Sample ID: HS23061998-01DUP	Units: mg/L		Analysis Date: 06-Jul-2023 10:40					
Client ID:	Run ID: Skalar 03_440630	SeqNo: 7403915		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Bicarbonate (As CaCO3)	324.3	5.00					315.9	2.62	20
Alkalinity, Carbonate (As CaCO3)	ND	5.00					0	0	20
Alkalinity, Total (As CaCO3)	324.3	5.00					315.9	2.62	20

The following samples were analyzed in this batch:									
HS23070114-01		HS23070114-02		HS23070114-03		HS23070114-04			
HS23070114-05									

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070114

QC BATCH REPORT

Batch ID: R440642 (0)		Instrument:		Balance1		Method:		TOTAL DISSOLVED SOLIDS BY SM2540C-2011		
MBLK	Sample ID: WBLK-07062023	Units: mg/L		Analysis Date: 05-Jul-2023 13:37						
Client ID:	Run ID: Balance1_440642	SeqNo: 7404125		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		ND	10.0							
LCS	Sample ID: WLCS-07062023	Units: mg/L		Analysis Date: 05-Jul-2023 13:37						
Client ID:	Run ID: Balance1_440642	SeqNo: 7404126		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		1072	10.0	1000	0	107	85 - 115			
DUP	Sample ID: HS23070114-05DUP	Units: mg/L		Analysis Date: 05-Jul-2023 13:37						
Client ID: 03-Blank	Run ID: Balance1_440642	SeqNo: 7404124		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		84	10.0				82	2.41	20	
The following samples were analyzed in this batch:		HS23070114-01		HS23070114-02		HS23070114-03		HS23070114-04		
		HS23070114-05								

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070114

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087-2023	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

Sample Receipt Checklist

Work Order ID: HS23070114

Date/Time Received: 05-Jul-2023 08:00

Client Name: Telesto

Received by: Paresh M. Giga

Completed By: /S/ Paresh M. Giga	05-Jul-2023 13:47	Reviewed by: /S/ Andy C. Neir	07-Jul-2023 14:48
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx First Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:none
Samplers name present on COC?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	5.2C/5.1C U/C IR31		
Cooler(s)/Kit(s):	50711		
Date/Time sample(s) sent to storage:	7/5/23 14:00		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

HS23070114

Teleso Solutions Inc
LRM-Knox Pit



50711
5-20
A31
C11-0.12

ALS Loveland Service Center
965 E 11th Street
Loveland, CO 80537
Phone: 970-305-1548

CHAIN OF CUSTODY
Page 1 of 2

Shipping to Samples to



ALS Solution
ALS Partner

CUSTOMER NAME LRM - Knox Pit		SAMPLER Jim Gacken		TURNAROUND: ☐ 10 Day ☐ 5 Day ☒ 3 Day ☐ Other: ASAP	
PROJECT NO. 36000		SITED 36000		Parameter/Method Request for Analysis	
PURCHASE ORDER		ESTIMATE		A. Nitrogen	
BILL TO COMPANY		SAMED		B. Field Tests	
INVOICE TO		←		C. Dissolved Metals	
ADDRESS				D. NO ₂ /NO ₃	
CITY / STATE / ZIP				E. Cyanide	
PHONE				F.	
FAX				G.	
EMAIL				H.	
MATCH Sample Date		Sample Time		Pres.	
W. 6/29/13		3:45 pm		ADUE	
MW-06 Field Filtered		3:45 pm		ADUE	
MW-06		3:45 pm		ADUE	
MW-06		3:45 pm		ADUE	
MW-10 Field Filtered		3:16 pm		ADUE	
MW-10		3:16 pm		ADUE	
MW-10		3:16 pm		ADUE	
MW-17 Field Filtered		2:28 pm		ADUE	
MW-17		2:28 pm		ADUE	
MW-17		2:28 pm		ADUE	

RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY
RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY
RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY
RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY
RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY	RECEIVED BY

DATE	TIME	COOLER TEMP
6/28/13	5:09 pm	
6/28/13	6:30 pm	
6/28/13	6:30 pm	
6/28/13	6:30 pm	
6/28/13	6:30 pm	



HS23070114
Teleso Solutions Inc
LRM-Knox Pit

ALS Environmental 225 Commerce Drive, Fort Collins, Colorado 80524 TF: (970) 443-1511 PW: (970) 450-1511 FX: (970) 490-1522		Chain-of-Custody		Form 2024		WORKORDER #	
NAME LRM-Knox Pit		SAMPLER Tim Laverne		DATE 6/29/23		PAGE 2 of 2	
No. 360100		SITE ID		TURNAROUND ASAP		DISPOSAL By Lab or Return to	
ME Same as page 1		EDD FORMAT		Wet Chem			
		PURCHASE ORDER		Dissolved Metals			
		BILL TO COMPANY		NO ₂ /NO ₃			
		INVOICE ATTN TO		CYANIDE			
		ADDRESS					
		CITY / STATE / ZIP					
		PHONE					
		FAX					
		E-MAIL					
Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	
MW-12	W	6/29/23	2:25pm	1	3		X
MW-12			2:25pm	1	4		X
MW-13			1:35pm	1	None	X	
MW-13-Field Filtered			1:35pm	1	2		X
MW-13			1:35pm	1	3		X
MW-13			1:35pm	1	4		X
03-Blank			4 pm	1	None	X	
03-Blank			4 pm	1	2		X
03-Blank			4 pm	1	3		X
03-Blank			4 pm	1	4		X
IT CST MST PST Matrix O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter							
s, please detail analytes below.							
QC PACKAGE (check below)		SIGNATURE		PRINTED NAME		DATE	
LEVEL II (Standard QC)		RELINQUISHED BY		Trace Cokerrell		6/29/23 5	
LEVEL III (Std QC + forms)		RECEIVED BY		Tyler Manner		6/30/23 0	
LEVEL IV (Std QC + forms + raw data)		RELINQUISHED BY		Tyler Manner		6/30/23 6	
		RECEIVED BY		P-G-CA		7/5/23 08:00	
		RELINQUISHED BY					
		RECEIVED BY					
CI 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 6-4 degrees C 9-5035							





10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

July 13, 2023

Tim Gerken
Telesto Solutions Inc
750 14th Street
Loveland, CO 80537

Work Order: **HS23070330**

Laboratory Results for: **LRM-Knox Pit**

Dear Tim Gerken,

ALS Environmental received 2 sample(s) on Jul 08, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Tyler Monroe

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Work Order: HS23070330

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23070330-01	MW-19	Water		07-Jul-2023 11:00	08-Jul-2023 09:35	☐
HS23070330-02	02-MW-19	Water		07-Jul-2023 11:05	08-Jul-2023 09:35	☐

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Work Order: HS23070330

CASE NARRATIVE

Work Order Comments

- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.
The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

Metals by Method SW7470A**Batch ID: 197370**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A**Batch ID: 197305****Sample ID: HS23061591-03MS**

- MS and MSD are for an unrelated sample

WetChemistry by Method SM2320B**Batch ID: R441142**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500H+ B**Batch ID: R441023**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M2540C**Batch ID: R440997**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300**Batch ID: R440842****Sample ID: 02-MW-19 (HS23070330-02)**

- The reporting limit is elevated due to dilution for high concentrations of non-target analytes. (Nitrate/Nitrite (as N), Nitrogen, Nitrate (As N), Nitrogen, Nitrite (As N))

Batch ID: R440838**Sample ID: HS23070024-01MS**

- MS and MSD are for an unrelated sample

WetChemistry by Method SW9014**Batch ID: 197403**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: MW-19
 Collection Date: 07-Jul-2023 11:00

ANALYTICAL REPORT

WorkOrder:HS23070330
 Lab ID:HS23070330-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Jul-2023		Analyst: JC
Aluminum	ND		0.0100	mg/L	1	10-Jul-2023 13:07
Antimony	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Arsenic	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Barium	0.0292		0.00400	mg/L	1	10-Jul-2023 13:07
Beryllium	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Boron	0.0204		0.0200	mg/L	1	10-Jul-2023 13:07
Cadmium	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Calcium	39.2		0.500	mg/L	1	10-Jul-2023 13:07
Chromium	ND		0.00400	mg/L	1	10-Jul-2023 13:07
Cobalt	ND		0.00500	mg/L	1	10-Jul-2023 13:07
Copper	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Iron	ND		0.200	mg/L	1	10-Jul-2023 13:07
Lead	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Lithium	0.00650		0.00500	mg/L	1	10-Jul-2023 13:07
Magnesium	4.82		0.200	mg/L	1	10-Jul-2023 13:07
Manganese	ND		0.00500	mg/L	1	10-Jul-2023 13:07
Molybdenum	ND		0.00500	mg/L	1	10-Jul-2023 13:07
Nickel	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Potassium	0.944		0.200	mg/L	1	10-Jul-2023 13:07
Selenium	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Silver	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Sodium	4.37		0.200	mg/L	1	10-Jul-2023 13:07
Thallium	ND		0.00200	mg/L	1	10-Jul-2023 13:07
Uranium	ND		0.00500	mg/L	1	10-Jul-2023 13:07
Vanadium	ND		0.00500	mg/L	1	10-Jul-2023 13:07
Zinc	0.00779		0.00400	mg/L	1	10-Jul-2023 13:07
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 10-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	10-Jul-2023 19:15
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	3.70		0.500	mg/L	1	08-Jul-2023 13:35
Fluoride	0.446		0.100	mg/L	1	08-Jul-2023 13:35
Sulfate	33.8		0.500	mg/L	1	08-Jul-2023 13:35
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	09-Jul-2023 02:49
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	166		10.0	mg/L	1	10-Jul-2023 14:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: MW-19
Collection Date: 07-Jul-2023 11:00

ANALYTICAL REPORT

WorkOrder:HS23070330
Lab ID:HS23070330-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	103		5.00	mg/L	1	12-Jul-2023 12:29
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12-Jul-2023 12:29
Alkalinity, Total (As CaCO ₃)	103		5.00	mg/L	1	12-Jul-2023 12:29
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: MZD		
pH	7.97	H	0.100	pH Units	1	11-Jul-2023 15:23
Temp Deg C @pH	22.2	H	0	°C	1	11-Jul-2023 15:23
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 10-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	11-Jul-2023 15:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM-Knox Pit
 Sample ID: 02-MW-19
 Collection Date: 07-Jul-2023 11:05

ANALYTICAL REPORT

WorkOrder:HS23070330
 Lab ID:HS23070330-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 08-Jul-2023		Analyst: JC
Aluminum	ND		0.0100	mg/L	1	10-Jul-2023 13:09
Antimony	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Arsenic	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Barium	0.0297		0.00400	mg/L	1	10-Jul-2023 13:09
Beryllium	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Boron	ND		0.0200	mg/L	1	10-Jul-2023 13:09
Cadmium	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Calcium	39.3		0.500	mg/L	1	10-Jul-2023 13:09
Chromium	ND		0.00400	mg/L	1	10-Jul-2023 13:09
Cobalt	ND		0.00500	mg/L	1	10-Jul-2023 13:09
Copper	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Iron	ND		0.200	mg/L	1	10-Jul-2023 13:09
Lead	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Lithium	0.00660		0.00500	mg/L	1	10-Jul-2023 13:09
Magnesium	4.99		0.200	mg/L	1	10-Jul-2023 13:09
Manganese	ND		0.00500	mg/L	1	10-Jul-2023 13:09
Molybdenum	ND		0.00500	mg/L	1	10-Jul-2023 13:09
Nickel	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Potassium	0.971		0.200	mg/L	1	10-Jul-2023 13:09
Selenium	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Silver	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Sodium	4.72		0.200	mg/L	1	10-Jul-2023 13:09
Thallium	ND		0.00200	mg/L	1	10-Jul-2023 13:09
Uranium	ND		0.00500	mg/L	1	10-Jul-2023 13:09
Vanadium	ND		0.00500	mg/L	1	10-Jul-2023 13:09
Zinc	ND		0.00400	mg/L	1	10-Jul-2023 13:09
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 10-Jul-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	10-Jul-2023 19:24
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Chloride	3.66		0.500	mg/L	1	08-Jul-2023 13:41
Fluoride	0.443		0.100	mg/L	1	08-Jul-2023 13:41
Sulfate	33.0		0.500	mg/L	1	08-Jul-2023 13:41
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	09-Jul-2023 03:06
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C				Analyst: DC
Total Dissolved Solids (Residue, Filterable)	160		10.0	mg/L	1	10-Jul-2023 14:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
Sample ID: 02-MW-19
Collection Date: 07-Jul-2023 11:05

ANALYTICAL REPORT

WorkOrder:HS23070330
Lab ID:HS23070330-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ALKALINITY BY SM 2320B-2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	105		5.00	mg/L	1	12-Jul-2023 12:34
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12-Jul-2023 12:34
Alkalinity, Total (As CaCO ₃)	105		5.00	mg/L	1	12-Jul-2023 12:34
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: MZD		
pH	7.99	H	0.100	pH Units	1	11-Jul-2023 15:25
Temp Deg C @pH	22.2	H	0	°C	1	11-Jul-2023 15:25
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 10-Jul-2023		Analyst: MZD
Cyanide	ND		0.00500	mg/L	1	11-Jul-2023 15:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

Batch ID: 197305	Start Date: 08 Jul 2023 12:30	End Date: 08 Jul 2023 12:30
Method: DISS METALS PREP - WATER - SW3010A		Prep Code: 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070330-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070330-02		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 197370	Start Date: 10 Jul 2023 10:30	End Date: 10 Jul 2023 10:30
Method: MERCURY PREP BY 7470A - DISSOLVED		Prep Code: HG_W_DISSPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070330-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS23070330-02		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 197403	Start Date: 10 Jul 2023 16:00	End Date: 10 Jul 2023 16:00
Method: CYANIDE PREP - SW9010C		Prep Code: CN_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23070330-01		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23070330-02		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 197305 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00		08 Jul 2023 12:30	10 Jul 2023 13:07	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05		08 Jul 2023 12:30	10 Jul 2023 13:09	1
Batch ID: 197370 (0)		Test Name : DISSOLVED MERCURY BY SW7470A			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00		10 Jul 2023 10:30	10 Jul 2023 19:15	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05		10 Jul 2023 10:30	10 Jul 2023 19:24	1
Batch ID: 197403 (0)		Test Name : CYANIDE - SW9014			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00		10 Jul 2023 16:00	11 Jul 2023 15:08	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05		10 Jul 2023 16:00	11 Jul 2023 15:08	1
Batch ID: R440838 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00			08 Jul 2023 13:35	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05			08 Jul 2023 13:41	1
Batch ID: R440842 (0)		Test Name : NITRATE/NITRITE BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00			09 Jul 2023 02:49	10
HS23070330-02	02-MW-19	07 Jul 2023 11:05			09 Jul 2023 03:06	10
Batch ID: R440997 (0)		Test Name : TOTAL DISSOLVED SOLIDS BY SM2540C-2011			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00			10 Jul 2023 14:04	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05			10 Jul 2023 14:04	1
Batch ID: R441023 (0)		Test Name : PH BY SM4500H+ B-2011			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00			11 Jul 2023 15:23	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05			11 Jul 2023 15:25	1
Batch ID: R441142 (0)		Test Name : ALKALINITY BY SM 2320B-2011			Matrix: Water	
HS23070330-01	MW-19	07 Jul 2023 11:00			12 Jul 2023 12:29	1
HS23070330-02	02-MW-19	07 Jul 2023 11:05			12 Jul 2023 12:34	1

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF2-197305	Units: mg/L		Analysis Date: 10-Jul-2023 13:01					
Client ID:	Run ID: ICPMS06_440879		SeqNo: 7410102		PrepDate: 08-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF3-197305	Units: mg/L		Analysis Date: 10-Jul-2023 13:03					
Client ID:	Run ID: ICPMS06_440879	SeqNo: 7410103		PrepDate: 08-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.01798	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF1-197305	Units: mg/L		Analysis Date: 10-Jul-2023 12:59					
Client ID:	Run ID: ICPMS06_440879	SeqNo: 7410118		PrepDate: 08-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-197305	Units: mg/L		Analysis Date: 10-Jul-2023 12:57					
Client ID:	Run ID: ICPMS06_440879	SeqNo: 7410117		PrepDate: 08-Jul-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
LCS		Sample ID: LCS-197305		Units: mg/L		Analysis Date: 10-Jul-2023 13:05			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410104		PrepDate: 08-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.09764	0.0100	0.1	0	97.6	80 - 120			
Antimony	0.04536	0.00200	0.05	0	90.7	80 - 120			
Arsenic	0.04606	0.00200	0.05	0	92.1	80 - 120			
Barium	0.04569	0.00400	0.05	0	91.4	80 - 120			
Beryllium	0.04602	0.00200	0.05	0	92.0	80 - 120			
Boron	0.4605	0.0200	0.5	0	92.1	80 - 120			
Cadmium	0.04585	0.00200	0.05	0	91.7	80 - 120			
Calcium	4.755	0.500	5	0	95.1	80 - 120			
Chromium	0.04549	0.00400	0.05	0	91.0	80 - 120			
Cobalt	0.04616	0.00500	0.05	0	92.3	80 - 120			
Copper	0.04532	0.00200	0.05	0	90.6	80 - 120			
Iron	4.653	0.200	5	0	93.1	80 - 120			
Lead	0.04449	0.00200	0.05	0	89.0	80 - 120			
Lithium	0.0909	0.00500	0.1	0	90.9	80 - 120			
Magnesium	4.705	0.200	5	0	94.1	80 - 120			
Manganese	0.04595	0.00500	0.05	0	91.9	80 - 120			
Molybdenum	0.04476	0.00500	0.05	0	89.5	80 - 120			
Nickel	0.04651	0.00200	0.05	0	93.0	80 - 120			
Potassium	4.592	0.200	5	0	91.8	80 - 120			
Selenium	0.04582	0.00200	0.05	0	91.6	80 - 120			
Silver	0.04694	0.00200	0.05	0	93.9	80 - 120			
Sodium	4.599	0.200	5	0	92.0	80 - 120			
Uranium	0.09003	0.00500	0.1	0	90.0	80 - 120			
Vanadium	0.04589	0.00500	0.05	0	91.8	80 - 120			
Zinc	0.04877	0.00400	0.05	0	97.5	80 - 120			

LCS		Sample ID: LCS-197305		Units: mg/L		Analysis Date: 10-Jul-2023 15:48			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410837		PrepDate: 08-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Thallium	0.04616	0.00200	0.05	0	92.3	80 - 120			

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MS		Sample ID: HS23061591-03MS		Units: mg/L		Analysis Date: 10-Jul-2023 13:19			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410111		PrepDate: 08-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1042	0.0100	0.1	0.009378	94.8	75 - 125			
Antimony	0.04699	0.00200	0.05	0	94.0	75 - 125			
Arsenic	0.08728	0.00200	0.05	0.03905	96.5	75 - 125			
Barium	0.3081	0.00400	0.05	0.2696	77.0	75 - 125			O
Beryllium	0.04607	0.00200	0.05	0	92.1	75 - 125			
Boron	1.208	0.0200	0.5	0.8195	77.7	75 - 125			E
Cadmium	0.04569	0.00200	0.05	0	91.4	75 - 125			
Calcium	64.42	0.500	5	59.81	92.3	75 - 125			O
Chromium	0.04756	0.00400	0.05	0.001075	93.0	75 - 125			
Cobalt	0.0457	0.00500	0.05	0.000514	90.4	75 - 125			
Copper	0.04291	0.00200	0.05	0	85.8	75 - 125			
Iron	4.709	0.200	5	0.02535	93.7	75 - 125			
Lead	0.04592	0.00200	0.05	0	91.8	75 - 125			
Lithium	0.1266	0.00500	0.1	0.03693	89.7	75 - 125			
Magnesium	66.77	0.200	5	63.64	62.7	75 - 125			SO
Manganese	0.1704	0.00500	0.05	0.1298	81.2	75 - 125			
Molybdenum	0.04759	0.00500	0.05	0	95.2	75 - 125			
Nickel	0.04394	0.00200	0.05	0	87.9	75 - 125			
Potassium	31.58	0.200	5	27.42	83.3	75 - 125			O
Selenium	0.04885	0.00200	0.05	0	97.7	75 - 125			
Silver	0.04533	0.00200	0.05	0	90.7	75 - 125			
Sodium	564	0.200	5	571.1	-142	75 - 125			SEO
Thallium	0.04276	0.00200	0.05	0	85.5	75 - 125			
Uranium	0.09582	0.00500	0.1	0	95.8	75 - 125			
Vanadium	0.04815	0.00500	0.05	0	96.3	75 - 125			
Zinc	0.04845	0.00400	0.05	0	96.9	75 - 125			

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MSD		Sample ID: HS23061591-03MSD		Units: mg/L		Analysis Date: 10-Jul-2023 13:21			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410112		PrepDate: 08-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1055	0.0100	0.1	0.009378	96.1	75 - 125	0.1042	1.21	20
Antimony	0.04689	0.00200	0.05	0	93.8	75 - 125	0.04699	0.202	20
Arsenic	0.08726	0.00200	0.05	0.03905	96.4	75 - 125	0.08728	0.0286	20
Barium	0.3072	0.00400	0.05	0.2696	75.0	75 - 125	0.3081	0.315	20 O
Beryllium	0.04627	0.00200	0.05	0	92.5	75 - 125	0.04607	0.431	20
Boron	1.221	0.0200	0.5	0.8195	80.3	75 - 125	1.208	1.07	20 E
Cadmium	0.04598	0.00200	0.05	0	92.0	75 - 125	0.04569	0.635	20
Calcium	64.51	0.500	5	59.81	94.1	75 - 125	64.42	0.143	20 O
Chromium	0.04697	0.00400	0.05	0.001075	91.8	75 - 125	0.04756	1.24	20
Cobalt	0.04559	0.00500	0.05	0.000514	90.1	75 - 125	0.0457	0.241	20
Copper	0.04275	0.00200	0.05	0	85.5	75 - 125	0.04291	0.371	20
Iron	4.715	0.200	5	0.02535	93.8	75 - 125	4.709	0.116	20
Lead	0.04706	0.00200	0.05	0	94.1	75 - 125	0.04592	2.47	20
Lithium	0.1289	0.00500	0.1	0.03693	92.0	75 - 125	0.1266	1.81	20
Magnesium	67.01	0.200	5	63.64	67.4	75 - 125	66.77	0.353	20 SO
Manganese	0.1735	0.00500	0.05	0.1298	87.4	75 - 125	0.1704	1.8	20
Molybdenum	0.04893	0.00500	0.05	0	97.9	75 - 125	0.04759	2.76	20
Nickel	0.04449	0.00200	0.05	0	89.0	75 - 125	0.04394	1.25	20
Potassium	31.44	0.200	5	27.42	80.5	75 - 125	31.58	0.44	20 O
Selenium	0.04761	0.00200	0.05	0	95.2	75 - 125	0.04885	2.58	20
Silver	0.04586	0.00200	0.05	0	91.7	75 - 125	0.04533	1.17	20
Sodium	564.8	0.200	5	571.1	-126	75 - 125	564	0.143	20 SEO
Thallium	0.0442	0.00200	0.05	0	88.4	75 - 125	0.04276	3.3	20
Uranium	0.1014	0.00500	0.1	0	101	75 - 125	0.09582	5.64	20
Vanadium	0.04811	0.00500	0.05	0	96.2	75 - 125	0.04815	0.0935	20
Zinc	0.04764	0.00400	0.05	0	95.3	75 - 125	0.04845	1.69	20

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
PDS		Sample ID: HS23061591-03PDS		Units: mg/L		Analysis Date: 10-Jul-2023 13:23			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410113		PrepDate: 08-Jul-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1095	0.0100	0.1	0.009378	100	75 - 125			
Antimony	0.09406	0.00200	0.1	0	94.1	75 - 125			
Arsenic	0.1384	0.00200	0.1	0.03905	99.3	75 - 125			
Barium	0.3576	0.00400	0.1	0.2696	87.9	75 - 125			
Beryllium	0.09524	0.00200	0.1	0	95.2	75 - 125			
Cadmium	0.09289	0.00200	0.1	0	92.9	75 - 125			
Calcium	69.94	0.500	10	59.81	101	75 - 125			O
Chromium	0.09569	0.00400	0.1	0.001075	94.6	75 - 125			
Cobalt	0.093	0.00500	0.1	0.000514	92.5	75 - 125			
Copper	0.08708	0.00200	0.1	0	87.1	75 - 125			
Iron	9.561	0.200	10	0.02535	95.4	75 - 125			
Lead	0.09251	0.00200	0.1	0	92.5	75 - 125			
Lithium	0.1279	0.00500	0.1	0.03693	91.0	75 - 125			
Magnesium	71.82	0.200	10	63.64	81.8	75 - 125			O
Manganese	0.2191	0.00500	0.1	0.1298	89.3	75 - 125			
Molybdenum	0.09827	0.00500	0.1	0	98.3	75 - 125			
Nickel	0.09034	0.00200	0.1	0	90.3	75 - 125			
Potassium	37.18	0.200	10	27.42	97.7	75 - 125			
Selenium	0.09944	0.00200	0.1	0	99.4	75 - 125			
Silver	0.09252	0.00200	0.1	0	92.5	75 - 125			
Thallium	0.09949	0.00200	0.1	0	99.5	75 - 125			
Uranium	0.09673	0.00500	0.1	0	96.7	75 - 125			
Vanadium	0.09894	0.00500	0.1	0	98.9	75 - 125			
Zinc	0.09494	0.00400	0.1	0	94.9	75 - 125			

PDS		Sample ID: HS23061591-03PDS		Units: mg/L		Analysis Date: 10-Jul-2023 15:54			
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410840		PrepDate: 08-Jul-2023		DF: 20	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Boron	11.49	0.400	10	1.284	102	75 - 125			
Sodium	774.6	4.00	200	581.4	96.6	75 - 125			

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197305 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD		Sample ID: HS23061591-03SD		Units: mg/L		Analysis Date: 10-Jul-2023 13:17				
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410110		PrepDate: 08-Jul-2023		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Aluminum	0.01456	0.0500					0.009378	0	10	J
Antimony	ND	0.0100					0.00009	0	10	
Arsenic	0.03932	0.0100					0.03905	0.699	10	
Barium	0.2682	0.0200					0.2696	0.551	10	
Beryllium	ND	0.0100					0.000005	0	10	
Cadmium	ND	0.0100					0.000004	0	10	
Calcium	61.82	2.50					59.81	3.36	10	
Chromium	0.00276	0.0200					0.001075	0	10	J
Cobalt	ND	0.0250					0.000514	0	10	
Copper	ND	0.0100					-0.000612	0	10	
Iron	ND	1.00					0.02535	0	10	
Lead	ND	0.0100					0.000012	0	10	
Lithium	0.03862	0.0250					0.03693	4.58	10	
Magnesium	62.34	1.00					63.64	2.04	10	
Manganese	0.1283	0.0250					0.1298	1.11	10	
Molybdenum	ND	0.0250					0.000235	0	10	
Nickel	0.004525	0.0100					0.000511	0	10	J
Potassium	26.58	1.00					27.42	3.03	10	
Selenium	ND	0.0100					0.000263	0	10	
Silver	ND	0.0100					0.000006	0	10	
Thallium	ND	0.0100					0.00002	0	10	
Uranium	ND	0.0250					0.000005	0	10	
Vanadium	ND	0.0250					0.000366	0	10	
Zinc	ND	0.0200					0.001239	0	10	

SD		Sample ID: HS23061591-03SD		Units: mg/L		Analysis Date: 10-Jul-2023 15:52				
Client ID:		Run ID: ICPMS06_440879		SeqNo: 7410839		PrepDate: 08-Jul-2023		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Boron	2.854	2.00					1.284	0	10	
Sodium	582.7	20.0					581.4	0.225	10	

The following samples were analyzed in this batch: HS23070330-01 HS23070330-02

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197370 (0)		Instrument: HG04		Method: DISSOLVED MERCURY BY SW7470A (DISSOLVED)						
MBLK	Sample ID: MBLK-197370	Units: mg/L		Analysis Date: 10-Jul-2023 18:44						
Client ID:	Run ID: HG04_440924	SeqNo: 7417282		PrepDate: 10-Jul-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Mercury	ND	0.000200								
LCS	Sample ID: LCS-197370	Units: mg/L		Analysis Date: 10-Jul-2023 18:45						
Client ID:	Run ID: HG04_440924	SeqNo: 7417283		PrepDate: 10-Jul-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Mercury	0.00527	0.000200	0.005	0	105	80 - 120				
MS	Sample ID: HS23070330-01MS	Units: mg/L		Analysis Date: 10-Jul-2023 19:19						
Client ID: MW-19	Run ID: HG04_440924	SeqNo: 7417300		PrepDate: 10-Jul-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Mercury	0.00474	0.000200	0.005	0.000019	94.4	80 - 120				
MSD	Sample ID: HS23070330-01MSD	Units: mg/L		Analysis Date: 10-Jul-2023 19:22						
Client ID: MW-19	Run ID: HG04_440924	SeqNo: 7417301		PrepDate: 10-Jul-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Mercury	0.00443	0.000200	0.005	0.000019	88.2	80 - 120	0.00474	6.76	20	
The following samples were analyzed in this batch:										
			HS23070330-01	HS23070330-02						

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: 197403 (0)		Instrument: UV-2450		Method: CYANIDE - SW9014					
MBLK	Sample ID: MBLK-197403	Units: mg/L		Analysis Date: 11-Jul-2023 15:08					
Client ID:	Run ID: UV-2450_441014		SeqNo: 7419197		PrepDate: 10-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	ND	0.00500							
LCS	Sample ID: LCS-197403	Units: mg/L		Analysis Date: 11-Jul-2023 15:08					
Client ID:	Run ID: UV-2450_441014		SeqNo: 7419196		PrepDate: 10-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.19	0.00500	0.2	0	95.0	80 - 120			
MS	Sample ID: HS23070270-02MS	Units: mg/L		Analysis Date: 11-Jul-2023 15:08					
Client ID:	Run ID: UV-2450_441014		SeqNo: 7419194		PrepDate: 10-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.193	0.00500	0.2	0.003	95.0	80 - 120			
MSD	Sample ID: HS23070270-02MSD	Units: mg/L		Analysis Date: 11-Jul-2023 15:08					
Client ID:	Run ID: UV-2450_441014		SeqNo: 7419195		PrepDate: 10-Jul-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.193	0.00500	0.2	0.003	95.0	80 - 120	0.193	0	20
The following samples were analyzed in this batch: HS23070330-01 HS23070330-02									

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R440838 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 08-Jul-2023 11:28					
Client ID:	Run ID: ICS-Integrion_440838		SeqNo: 7409198		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	ND	0.500							
Fluoride	ND	0.100							
Sulfate	ND	0.500							

LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 08-Jul-2023 11:45					
Client ID:	Run ID: ICS-Integrion_440838		SeqNo: 7409199		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	19.78	0.500	20	0	98.9	90 - 110			
Fluoride	4.041	0.100	4	0	101	90 - 110			
Sulfate	19.15	0.500	20	0	95.8	90 - 110			

MS	Sample ID: HS23070216-01MS	Units: mg/L		Analysis Date: 08-Jul-2023 11:57					
Client ID:	Run ID: ICS-Integrion_440838		SeqNo: 7409201		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	10.02	0.500	10	0.232	97.9	80 - 120			
Fluoride	2.044	0.100	2	0	102	80 - 120			
Sulfate	9.464	0.500	10	0.221	92.4	80 - 120			

MS	Sample ID: HS23070024-01MS	Units: mg/L		Analysis Date: 08-Jul-2023 12:14					
Client ID:	Run ID: ICS-Integrion_440838		SeqNo: 7409204		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	70.09	0.500	10	62.55	75.3	80 - 120			SO
Fluoride	2.161	0.100	2	0.2263	96.7	80 - 120			
Sulfate	384.2	0.500	10	389.3	-50.2	80 - 120			SEO

Client: Telesto Solutions Inc

Project: LRM-Knox Pit

WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R440838 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MSD		Sample ID: HS23070216-01MSD		Units: mg/L		Analysis Date: 08-Jul-2023 12:03			
Client ID:		Run ID: ICS-Integrion_440838		SeqNo: 7409202		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	9.931	0.500	10	0.232	97.0	80 - 120	10.02	0.942	20
Fluoride	1.954	0.100	2	0	97.7	80 - 120	2.044	4.46	20
Sulfate	9.411	0.500	10	0.221	91.9	80 - 120	9.464	0.567	20

MSD		Sample ID: HS23070024-01MSD		Units: mg/L		Analysis Date: 08-Jul-2023 12:20			
Client ID:		Run ID: ICS-Integrion_440838		SeqNo: 7409205		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	70.15	0.500	10	62.55	76.0	80 - 120	70.09	0.0927	20 SO
Fluoride	2.219	0.100	2	0.2263	99.6	80 - 120	2.161	2.67	20
Sulfate	384.9	0.500	10	389.3	-43.1	80 - 120	384.2	0.184	20 SEO

The following samples were analyzed in this batch:

HS23070330-01	HS23070330-02
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Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R440842 (0)		Instrument: ICS-Integrion		Method: NITRATE/NITRITE BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 09-Jul-2023 02:32					
Client ID:	Run ID: ICS-Integrion_440842		SeqNo: 7409322		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	ND	0.200							
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 09-Jul-2023 02:43					
Client ID:	Run ID: ICS-Integrion_440842		SeqNo: 7409323		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	7.989	0.200	8	0	99.9	90 - 110			
MS	Sample ID: HS23070330-01MS	Units: mg/L		Analysis Date: 09-Jul-2023 02:55					
Client ID: MW-19	Run ID: ICS-Integrion_440842		SeqNo: 7409325		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	36.7	2.00	40	0	91.8	80 - 120			
MSD	Sample ID: HS23070330-01MSD	Units: mg/L		Analysis Date: 09-Jul-2023 03:01					
Client ID: MW-19	Run ID: ICS-Integrion_440842		SeqNo: 7409326		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N)	37.65	2.00	40	0	94.1	80 - 120	36.7	2.56	20
The following samples were analyzed in this batch:									
HS23070330-01 HS23070330-02									

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R440997 (0)		Instrument: Balance1		Method: TOTAL DISSOLVED SOLIDS BY SM2540C-2011						
MBLK	Sample ID: WMBLK-071023	Units: mg/L		Analysis Date: 10-Jul-2023 14:04						
Client ID:	Run ID: Balance1_440997	SeqNo: 7418818		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		ND	10.0							
LCS	Sample ID: WLCS-07102023	Units: mg/L		Analysis Date: 10-Jul-2023 14:04						
Client ID:	Run ID: Balance1_440997	SeqNo: 7418817		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		1066	10.0	1000	0	107	85 - 115			
DUP	Sample ID: HS23070339-04DUP	Units: mg/L		Analysis Date: 10-Jul-2023 14:04						
Client ID:	Run ID: Balance1_440997	SeqNo: 7418814		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		338	10.0				340	0.59	20	
DUP	Sample ID: HS23070330-02DUP	Units: mg/L		Analysis Date: 10-Jul-2023 14:04						
Client ID: 02-MW-19	Run ID: Balance1_440997	SeqNo: 7418809		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		162	10.0				160	1.24	20	
The following samples were analyzed in this batch:		HS23070330-01		HS23070330-02						

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R441023 (0)		Instrument: Skalar 03		Method: PH BY SM4500H+ B-2011					
DUP	Sample ID: HS23061940-01DUP	Units: pH Units		Analysis Date: 11-Jul-2023 15:11					
Client ID:	Run ID: Skalar 03_441023		SeqNo: 7419451		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
pH	6.98	0.100					6.97	0.143	10
Temp Deg C @pH	22.2	0					22.2	0	10
The following samples were analyzed in this batch:									
HS23070330-01 HS23070330-02									

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

QC BATCH REPORT

Batch ID: R441142 (0)		Instrument: Skalar 03		Method: ALKALINITY BY SM 2320B-2011					
MBLK	Sample ID: MBLK-07122023	Units: mg/L		Analysis Date: 12-Jul-2023 12:12					
Client ID:	Run ID: Skalar 03_441142	SeqNo: 7422303		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	5.00							
Alkalinity, Carbonate (As CaCO3)	ND	5.00							
Alkalinity, Total (As CaCO3)	ND	5.00							

LCS	Sample ID: LCS-07122023	Units: mg/L		Analysis Date: 12-Jul-2023 12:18					
Client ID:	Run ID: Skalar 03_441142	SeqNo: 7422304		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	910.4	5.00	1000	0	91.0	85 - 115			
Alkalinity, Total (As CaCO3)	915.8	5.00	1000	0	91.6	85 - 115			

LCSD	Sample ID: LCSD-07122023	Units: mg/L		Analysis Date: 12-Jul-2023 12:24					
Client ID:	Run ID: Skalar 03_441142	SeqNo: 7422305		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	913.2	5.00	1000	0	91.3	85 - 115	910.4	0.307	20
Alkalinity, Total (As CaCO3)	919.6	5.00	1000	0	92.0	85 - 115	915.8	0.414	20

DUP	Sample ID: HS23070219-01DUP	Units: mg/L		Analysis Date: 12-Jul-2023 12:44					
Client ID:	Run ID: Skalar 03_441142	SeqNo: 7422309		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Bicarbonate (As CaCO3)	84.6	5.00					83.2	1.67	20
Alkalinity, Carbonate (As CaCO3)	ND	5.00					0	0	20
Alkalinity, Total (As CaCO3)	84.6	5.00					83.2	1.67	20

The following samples were analyzed in this batch: HS23070330-01 HS23070330-02

Client: Telesto Solutions Inc
Project: LRM-Knox Pit
WorkOrder: HS23070330

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087-2023	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

Sample Receipt Checklist

Work Order ID: HS23070330

Date/Time Received: 08-Jul-2023 09:35

Client Name: Telesto

Received by: Paresh M. Giga

Completed By: /S/ Paresh M. Giga

08-Jul-2023 10:59

Reviewed by: /S/ Tyler Monroe

11-Jul-2023 13:58

eSignature

Date/Time

eSignature

Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?

Yes ☒No ☐Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐No ☐Not Present ☒

Custody seals intact on sample bottles?

Yes ☐No ☐Not Present ☒

VOA/TX1005/TX1006 Solids in hermetically sealed vials?

Yes ☐No ☐Not Present ☒

Chain of custody present?

Yes ☒No ☐

1 Page(s)

Chain of custody signed when relinquished and received?

Yes ☒No ☐

COC IDs:none

Samplers name present on COC?

Yes ☒No ☐

Chain of custody agrees with sample labels?

Yes ☒No ☐

Samples in proper container/bottle?

Yes ☒No ☐

Sample containers intact?

Yes ☒No ☐

Sufficient sample volume for indicated test?

Yes ☒No ☐

All samples received within holding time?

Yes ☒No ☐

Container/Temp Blank temperature in compliance?

Yes ☒No ☐

Temperature(s)/Thermometer(s):

2.9C/2.8C U/C

IR31

Cooler(s)/Kit(s):

50424

Date/Time sample(s) sent to storage:

7/8/23 11:10

Water - VOA vials have zero headspace?

Yes ☐No ☐No VOA vials submitted ☒

Water - pH acceptable upon receipt?

Yes ☒No ☐N/A ☐

pH adjusted?

Yes ☐No ☒N/A ☐

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



Form 202r8

Comments: Dissolved metals filtered in the field 50424.0C 290 +31 2100	QC PACKAGE (check below)			
		LEVEL II (Standard QC)		
		LEVEL III (Std QC + forms)		
		LEVEL IV (Std QC + forms + raw data)		
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035				

RIGHT SOLUTIONS | RIGHT PARTNER

50424 JUL 08 2023

ORIGIN ID: 6XYA (970) 305-1648
AMY KEPHART
ALS
965 E 11TH ST
LOVELAND, CO 80537
UNITED STATES US

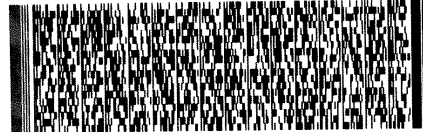
SHIP DATE: 07 JUL 23
ACTWGT: 50.55 LB
CAD: 0487862/CAFE3707
DIM: 24x14x12 IN
B: PARTY

TO **SAMPLE RECEIVING**
ALS
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099

INW:
PO:

REF:

DEPT:



FedEx
Express



J231022110201

TRK# 6182 5244 2487
0201

MON - 10 JUL 8:00A
FIRST OVERNIGHT

X1 SGRA

77099
TX-US IAH

Part #: 107077-434-MTV EXP 08/22

