

Sampling Location: Dunn Pit: MW-03	Sample Date	7/14/2022	7/14/2022	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water: 7.12 ft				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	ND	0.1	5**
ANTIMONY	MG/L	ND	ND	0.001	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	0.028	0.028	0.005	2
BERYLLIUM	MG/L	ND	ND	0.0005	0.004
BICARBONATE AS CaCO3	MG/L	420	--	20	
BORON	MG/L	0.36	0.39	0.15	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	340	370	1	
CARBONATE AS CaCO3	MG/L	ND	--	20	
CHLORIDE	MG/L	65	--	1	250
CHROMIUM	MG/L	ND	ND	0.01	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	ND	0.02	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.015	0.2
FLUORIDE	MG/L	ND	--	0.5	2 **
IRON	MG/L	ND	ND	0.1	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	0.04	0.042	0.02	2.5 **
MAGNESIUM	MG/L	270	280	0.1	
MANGANESE	MG/L	0.76	0.76	0.01	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	0.0032	0.0034	0.002	0.21
NICKEL	MG/L	ND	ND	0.02	0.1
NITRATE AS N	MG/L	NS	--	2	10
NITRATE/NITRITE AS N	MG/L	9.2	--	0.2	10
NITRITE AS N	MG/L	NS	--	1.5	1
PH	PH	7.82	--	0.1	6.5-8.5
POTASSIUM	MG/L	4	5.4	1	
SELENIUM	MG/L	0.026	0.027	0.01	0.02 **
SILVER	MG/L	ND	ND	0.0005	0.05
SODIUM	MG/L	290	300	1	
SULFATE	MG/L	2200	--	20	250
THALLIUM	MG/L	ND	ND	0.00015	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	420	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	3700	--	40	1.25 x background vaule***
URANIUM	MG/L	0.044	0.046	0.0001	0.0168 to 0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	0.1	2 **

ND = Non-Detect

NS = Not Measured

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** Water Quality Standards are from Table 3, Department of Public Health and Environment, WQCC Regulation No. 41

*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

Sampling Location: Dunn Pit: MW-05	Sample Date 7/14/2022		7/14/2022	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water: 6.48 ft				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	40	0.79	0.1	5**
ANTIMONY	MG/L	ND	ND	0.001	0.006
ARSENIC	MG/L	0.0095	ND	0.002	0.01
BARIUM	MG/L	0.52	0.043	0.005	2
BERYLLIUM	MG/L	0.0021	ND	0.0005	0.004
BICARBONATE AS CaCO3	MG/L	390	--	20	
BORON	MG/L	0.31	0.3	0.15	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	290	290	1	
CARBONATE AS CaCO3	MG/L	ND	--	20	
CHLORIDE	MG/L	52	--	1	250
CHROMIUM	MG/L	0.082	ND	0.01	0.1
COBALT	MG/L	0.037	ND	0.005	0.05 **
COPPER	MG/L	0.094	ND	0.02	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.015	0.2
FLUORIDE	MG/L	ND	--	0.5	2 **
IRON	MG/L	55	1	0.1	0.3
LEAD	MG/L	0.0021	ND	0.002	0.05
LITHIUM	MG/L	0.083	0.027	0.02	2.5 **
MAGNESIUM	MG/L	230	220	0.1	
MANGANESE	MG/L	4.9	0.088	0.01	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	0.0087	0.0029	0.002	0.21
NICKEL	MG/L	0.059	ND	0.02	0.1
NITRATE AS N	MG/L	NS	--	2	10
NITRATE/NITRITE AS N	MG/L	ND	--	0.2	10
NITRITE AS N	MG/L	NS	--	1.5	1
PH	PH	7.66	--	0.1	6.5-8.5
POTASSIUM	MG/L	16	5.3	1	
SELENIUM	MG/L	ND	ND	0.01	0.02 **
SILVER	MG/L	ND	ND	0.0005	0.05
SODIUM	MG/L	210	220	1	
SULFATE	MG/L	1600	--	20	250
THALLIUM	MG/L	0.00093	ND	0.00015	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	390	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	2700	--	40	1.25 x background vaule***
URANIUM	MG/L	0.049	0.043	0.0001	0.0168 to 0.03
VANADIUM	MG/L	0.0081	ND	0.005	0.1 **
ZINC	MG/L	0.17	ND	0.1	2 **

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*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

Sampling Location: Dunn Pit: MW-07	Sample Date	7/14/2022	7/14/2022	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water: 4.86 ft				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	66	0.11	0.1	5**
ANTIMONY	MG/L	ND	ND	0.001	0.006
ARSENIC	MG/L	0.019	ND	0.002	0.01
BARIUM	MG/L	1.1	0.043	0.005	2
BERYLLIUM	MG/L	0.003	ND	0.0005	0.004
BICARBONATE AS CaCO3	MG/L	260	--	20	
BORON	MG/L	0.25	0.23	0.15	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	110	110	1	
CARBONATE AS CaCO3	MG/L	ND	--	20	
CHLORIDE	MG/L	54	--	1	250
CHROMIUM	MG/L	0.27	ND	0.01	0.1
COBALT	MG/L	0.25	ND	0.005	0.05 **
COPPER	MG/L	0.29	ND	0.02	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.015	0.2
FLUORIDE	MG/L	ND	--	0.5	2 **
IRON	MG/L	86	ND	0.1	0.3
LEAD	MG/L	0.031	ND	0.002	0.05
LITHIUM	MG/L	0.11	ND	0.02	2.5 **
MAGNESIUM	MG/L	98	80	0.1	
MANGANESE	MG/L	5.3	0.012	0.01	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	0.017	0.003	0.002	0.21
NICKEL	MG/L	0.17	ND	0.02	0.1
NITRATE AS N	MG/L	NS	--	2	10
NITRATE/NITRITE AS N	MG/L	0.36	--	0.2	10
NITRITE AS N	MG/L	NS	--	0.75	1
PH	PH	7.81	--	0.1	6.5-8.5
POTASSIUM	MG/L	30	12	1	
SELENIUM	MG/L	ND	ND	0.01	0.02 **
SILVER	MG/L	ND	ND	0.0005	0.05
SODIUM	MG/L	110	110	1	
SULFATE	MG/L	520	--	20	250
THALLIUM	MG/L	0.0017	ND	0.00015	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	260	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	1200	--	40	1.25 x background vaule***
URANIUM	MG/L	0.053	0.037	0.0001	0.0168 to 0.03
VANADIUM	MG/L	0.11	ND	0.005	0.1 **
ZINC	MG/L	0.26	ND	0.1	2 **

ND = Non-Detect

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*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

Sampling Location: Dunn Pit: MW-08	Sample Date 7/14/2022 7/14/2022		Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059			
	Sample Type	Primary				Primary
	Depth to Water: 6.00 ft					
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *	
ALUMINUM	MG/L	2.1	ND	0.1	5**	
ANTIMONY	MG/L	ND	ND	0.001	0.006	
ARSENIC	MG/L	ND	ND	0.002	0.01	
BARIUM	MG/L	0.18	0.15	0.005	2	
BERYLLIUM	MG/L	ND	ND	0.0005	0.004	
BICARBONATE AS CaCO3	MG/L	270	--	20		
BORON	MG/L	0.2	0.2	0.15	0.75 **	
CADMIUM	MG/L	ND	ND	0.002	0.005	
CALCIUM	MG/L	95	92	1		
CARBONATE AS CaCO3	MG/L	ND	--	20		
CHLORIDE	MG/L	42	--	2	250	
CHROMIUM	MG/L	ND	ND	0.01	0.1	
COBALT	MG/L	ND	ND	0.005	0.05 **	
COPPER	MG/L	ND	ND	0.02	0.2 **	
CYANIDE TOTAL	MG/L	ND	--	0.015	0.2	
FLUORIDE	MG/L	ND	--	0.1	2 **	
IRON	MG/L	2.7	ND	0.1	0.3	
LEAD	MG/L	ND	ND	0.002	0.05	
LITHIUM	MG/L	ND	ND	0.02	2.5 **	
MAGNESIUM	MG/L	69	69	0.1		
MANGANESE	MG/L	0.75	0.016	0.01	0.05	
MERCURY	MG/L	ND	ND	0.0002	0.002	
MOLYBDENUM	MG/L	0.007	0.0061	0.002	0.21	
NICKEL	MG/L	ND	ND	0.02	0.1	
NITRATE AS N	MG/L	NS	--	1	10	
NITRATE/NITRITE AS N	MG/L	0.66	--	0.2	10	
NITRITE AS N	MG/L	NS	--	0.75	1	
PH	PH	7.91	--	0.1	6.5-8.5	
POTASSIUM	MG/L	4.3	3.6	1		
SELENIUM	MG/L	ND	ND	0.01	0.02 **	
SILVER	MG/L	ND	ND	0.0005	0.05	
SODIUM	MG/L	82	81	1		
SULFATE	MG/L	370	--	10	250	
THALLIUM	MG/L	ND	ND	0.00015	0.002	
TOTAL ALKALINITY AS CaCO3	MG/L	270	--	20		
TOTAL DISSOLVED SOLIDS	MG/L	860	--	40	1.25 x background vaule***	
URANIUM	MG/L	0.035	0.038	0.0001	0.0168 to 0.03	
VANADIUM	MG/L	ND	ND	0.005	0.1 **	
ZINC	MG/L	ND	ND	0.1	2 **	

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*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

Sampling Location: Dunn Pit: MW-09	Sample Date	7/14/2022	7/14/2022	7/14/2022	7/14/2022	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary	Duplicate	Duplicate		
	Depth to Water: 4.07 ft						
Analyte List	Value Units	Total	Dissolved	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	0.46	ND	ND	ND	0.1	5**
ANTIMONY	MG/L	ND	ND	ND	ND	0.001	0.006
ARSENIC	MG/L	ND	ND	ND	ND	0.002	0.01
BARIUM	MG/L	0.019	0.019	0.02	0.018	0.005	2
BERYLLIUM	MG/L	ND	ND	ND	ND	0.0005	0.004
BICARBONATE AS CaCO3	MG/L	260	--	260	--	20	
BORON	MG/L	0.2	0.2	0.21	0.21	0.15	0.75 **
CADMIUM	MG/L	ND	ND	ND	ND	0.002	0.005
CALCIUM	MG/L	120	130	130	130	1	
CARBONATE AS CaCO3	MG/L	ND	--	ND	--	20	
CHLORIDE	MG/L	38	--	37	--	2	250
CHROMIUM	MG/L	0.013	ND	ND	ND	0.01	0.1
COBALT	MG/L	ND	ND	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	ND	ND	ND	0.02	0.2 **
CYANIDE TOTAL	MG/L	ND	--	ND	--	0.015	0.2
FLUORIDE	MG/L	ND	--	ND	--	0.1	2 **
IRON	MG/L	ND	ND	ND	ND	0.1	0.3
LEAD	MG/L	ND	ND	ND	ND	0.002	0.05
LITHIUM	MG/L	ND	ND	ND	ND	0.02	2.5 **
MAGNESIUM	MG/L	63	65	66	65	0.1	
MANGANESE	MG/L	0.064	0.037	0.099	0.062	0.01	0.05
MERCURY	MG/L	ND	ND	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	0.0034	0.0037	0.0038	0.0037	0.002	0.21
NICKEL	MG/L	ND	ND	ND	ND	0.02	0.1
NITRATE AS N	MG/L	NS	--	NS	--	1	10
NITRATE/NITRITE AS N	MG/L	0.36	--	0.39	--	0.2	10
NITRITE AS N	MG/L	NS	--	NS	--	0.75	1
PH	PH	7.9	--	7.87	--	0.1	6.5-8.5
POTASSIUM	MG/L	3.4	3.5	3.5	3.4	1	
SELENIUM	MG/L	ND	ND	ND	ND	0.01	0.02 **
SILVER	MG/L	ND	ND	ND	ND	0.0005	0.05
SODIUM	MG/L	75	76	77	78	1	
SULFATE	MG/L	420	--	420	--	10	250
THALLIUM	MG/L	ND	ND	ND	ND	0.00015	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	260	--	260	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	940	--	930	--	40	1.25 x background vaule***
URANIUM	MG/L	0.025	0.026	0.025	0.025	0.0001	0.0168 to 0.03
VANADIUM	MG/L	ND	ND	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	ND	ND	0.1	2 **

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*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

Sampling Location: Dunn Pit: 03-Blank	Sample Date	7/14/2022	7/14/2022	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Field Blank	Field Blank		
	Distilled Water				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	ND	0.1	5**
ANTIMONY	MG/L	ND	ND	0.001	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	ND	ND	0.005	2
BERYLLIUM	MG/L	ND	ND	0.0005	0.004
BICARBONATE AS CaCO3	MG/L	ND	--	20	
BORON	MG/L	ND	ND	0.15	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	ND	ND	1	
CARBONATE AS CaCO3	MG/L	ND	--	20	
CHLORIDE	MG/L	ND	--	1	250
CHROMIUM	MG/L	ND	ND	0.01	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	ND	0.02	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.015	0.2
FLUORIDE	MG/L	ND	--	0.5	2 **
IRON	MG/L	ND	ND	0.1	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	ND	ND	0.02	2.5 **
MAGNESIUM	MG/L	ND	ND	0.1	
MANGANESE	MG/L	ND	ND	0.01	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.002	0.21
NICKEL	MG/L	ND	ND	0.02	0.1
NITRATE AS N	MG/L	ND	--	0.15	10
NITRATE/NITRITE AS N	MG/L	ND	--	0.15	10
NITRITE AS N	MG/L	ND	--	0.2	1
PH	PH	6.81	--	0.1	6.5-8.5
POTASSIUM	MG/L	ND	ND	1	
SELENIUM	MG/L	ND	ND	0.01	0.02 **
SILVER	MG/L	ND	ND	0.0005	0.05
SODIUM	MG/L	ND	ND	1	
SULFATE	MG/L	ND	--	20	250
THALLIUM	MG/L	ND	ND	0.00015	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	ND	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	ND	--	40	1.25 x background vaule***
URANIUM	MG/L	ND	ND	0.0001	0.0168 to 0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	0.1	2 **

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*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41



Thursday, July 28, 2022

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

Re: ALS Workorder: 2207332
Project Name: LRM - Dunn Pit
Project Number: 360100

Dear Mr. Gerken:

Fourteen water samples were received from Telesto Solutions Inc, on 7/15/2022. The samples were scheduled for the following analyses:

Inorganics

Metals

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

For

ALS Environmental
Katie M. OBrien
Project Manager

	Accreditations	Effective June 7, 2022
	ALS Environmental – Fort Collins	

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
Louisiana	197538
Maryland (MD)	285
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.



2207332

Metals:

The samples were analyzed following SW-846, 3rd Edition procedures. Analysis by ICPMS followed method 6020B and the current revision of SOP 827. Mercury analysis by CVAA followed method 7470A and the current revision of SOP 812.

The samples for dissolved metals had been filtered prior to receipt, and had a pH less than 2 upon receipt.

All acceptance criteria were met.

Inorganics:

The samples were analyzed following SW-846, EMSL and Standard Method procedures for the current revisions of the following SOPs and methods:

<u>Analyte</u>	<u>Method</u>	<u>SOP #</u>
Alkalinity	SM2320B	1106
Bicarbonate	SM2320B	1106
Carbonate	SM2320B	1106
Total cyanide	9014	1110
Nitrate/nitrite as N	353.2 Revision 2.0	1127
pH	SM4500-H ⁺ B	1126
TDS	SM2540C	1101
Chloride	300.0 Revision 2.1	1113
Fluoride	300.0 Revision 2.1	1113
Sulfate	300.0 Revision 2.1	1113

Please note that the nitrate as N and nitrite as N is not being reported by epa300.0 due to missed holding time.

All other acceptance criteria were met.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2207332

Client Name: Telesto Solutions Inc

Client Project Name: LRM - Dunn Pit

Client Project Number: 360100

Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MW-03	2207332-1		WATER	14-Jul-22	9:03
MW-03 - Filtered	2207332-2		WATER	14-Jul-22	9:03
MW-05	2207332-3		WATER	14-Jul-22	9:03
MW-05 - Filtered	2207332-4		WATER	14-Jul-22	9:03
MW-08	2207332-5		WATER	14-Jul-22	11:05
MW-08 - Filtered	2207332-6		WATER	14-Jul-22	11:05
MW-07	2207332-7		WATER	14-Jul-22	12:07
MW-07 - Filtered	2207332-8		WATER	14-Jul-22	12:07
MW-09	2207332-9		WATER	14-Jul-22	12:52
MW-09 - Filtered	2207332-10		WATER	14-Jul-22	12:52
02-MW-09	2207332-11		WATER	14-Jul-22	13:01
02-MW-09 - Filtered	2207332-12		WATER	14-Jul-22	13:01
03-BLANK	2207332-13		WATER	14-Jul-22	13:17
03-BLANK	2207332-14		WATER	14-Jul-22	13:17



ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (970) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 20218

PROJECT NAME LRM-Denn Pit		SAMPLER Tim Gerken		DATE 7/14/22		WORKORDER # 2207332	
PROJECT NO. 360100		SITE ID		TURNAROUND		PAGE 1 of 4	
COMPANY NAME Telesb solutions		EDD FORMAT		Total Metals		DISPOSAL By Cab or Return to Client	
SEND REPORT TO Tim Gerken		PURCHASE ORDER		Dissolved Metals			
ADDRESS		BILL TO COMPANY		Moist No3			
CITY / STATE / ZIP		INVOICE ATTN TO		Cyanide			
PHONE		ADDRESS					
FAX		CITY / STATE / ZIP					
E-MAIL tgerken@telesb-inc.com		PHONE					
		FAX					
		E-MAIL					
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC
1	MW-03	W	7/14/22	9:03	1	-	X
2	MW-03 - unfiltered				1	2	X
3	MW-03 - Filtered				1	2	X
4	MW-03				1	3	X
5	MW-03				1	4	X
6	MW-05				1		X
7	MW-05 - unfiltered				1		X
8	MW-05 - Filtered				1		X
9	MW-05				1		X
10	MW-05				1		X

*Time Zone (Circle): EST CST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments: Dissolved Metals Field Filtered 8/30C	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		

RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME
RECEIVED BY	Tim Gerken	Tim Gerken	7/15/22	13:00
RELINQUISHED BY	Karen Craven	Karen Craven	7/15/22	1700
RECEIVED BY	Karen Craven	Karen Craven	7/15/22	1525 150
RELINQUISHED BY	Karen Craven	Karen Craven	7/15/22	1525 150
RECEIVED BY				



ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 20208

PROJECT NAME	LRM-Don Pit	SAMPLER	Tim Gerken	DATE	7/14/20	WORKORDER #	2207332
PROJECT No.	36000	SITE ID		TURNAROUND		PAGE	2 of 4
COMPANY NAME		EDD FORMAT				DISPOSAL	By Lab or Return to Client
SEND REPORT TO		PURCHASE ORDER					
ADDRESS		BILL TO COMPANY					
CITY / STATE / ZIP		INVOICE ATTN TO					
PHONE		ADDRESS					
FAX		CITY / STATE / ZIP					
E-MAIL		PHONE					
		FAX					
		E-MAIL					
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC
5 [	MW-08	W	7/14/20	11:05	1	-	X
6	MW-08-unfiltered			11:05	1	2	X
5 [	MW-08-Filtered			11:05	1	2	X
	MW-08			11:05	1	3	X
	MW-08			11:05	1	1	X
7 [	MW-07			12:07	1	-	X
	MW-07-unfiltered			12:07	1	2	X
8	MW-07-Filtered			12:07	1	2	X
7 [	MW-07			12:07	1	3	X
	MW-07			12:07	1	4	X

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)
	LEVEL II (Standard OC)
	LEVEL III (Std OC + forms)
	LEVEL IV (Std OC + forms + raw data)
Dissolved Metals -	
Field Filter 0/30°C	
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035	

RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	<i>Tim Gerken</i>	Tim Gerken	7/15/20	13:00
RECEIVED BY	<i>Karen Craven</i>	Karen Craven	7/15/20	1300
RELINQUISHED BY	<i>Karen Craven</i>	Karen Craven	7/15/20	1500
RECEIVED BY	<i>Karen Craven</i>	Karen Craven	7/15/20	1520
RELINQUISHED BY				
RECEIVED BY				



Chain-of-Custody

Form 2028B

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:		QC PACKAGE (check below)				PRINTED NAME	DATE	TIME
		LEVEL II (Standard QC)	LEVEL III (Std QC + forms)	LEVEL IV (Std QC + forms + raw data)				
Dissolved Metals						Tim Gertken	7/15/22	13:00
Field Filtered						Karen Craven	7-15-22	1300
						Karen Craven	7-15-22	1520
						Karen Craven	7-15-22	1530

Preservative Key:
1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-NaHSO₄ 7-Other 8-4 degrees C 9-5035

Chain-of-Custody

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 480-1511 FX: (970) 480-1522

Chain-of-Custody

WORKORDER #		2207332	
PAGE		4 of 9	
DISPOSAL		Please or Return to Client	
Form 2025b		7/14/22	
DATE		TURNAROUND	
SAMPLER		Tom Gerken	
SITE ID			
EDD FORMAT			
PURCHASE ORDER			
BILL TO COMPANY			
INVOICE ATTN TO			
ADDRESS			
CITY / STATE / ZIP			
PHONE			
FAX			
E-MAIL			
Matrix		Sample Date	
Field ID		Sample Time	
Lab ID		# Bottles	
		Pres.	
		QC	
13 [03-Blank		13:17 7/14/22 1 X	
14 [03-Blank		13:17 1 X	
13 [03-Blank		13:17 1 X	
13 [03-Blank		13:17 1 X	
13 [03-Blank		13:17 1 X	

Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments: Dissolved Metals - Field Filtered 2/3.0C	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

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Tim Becker	7/15/22	13:00
RECEIVED BY		Karen Craven	7-15-22	1:00
RELINQUISHED BY		Karen Craven	7-15-22	1:50
RECEIVED BY		Karen Craven	7-15-22	1:50
RELINQUISHED BY				
RECEIVED BY				



ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TELESTO Workorder No: 2207332
 Project Manager: KMO Initials: KC Date: 7/15/22

	N/A	YES	NO
1. Are airbills / shipping documents present and/or removable?	X		
Tracking number:			
2. Are custody seals on shipping containers intact?	X		
3. Are custody seals on sample containers intact?	X		
4. Is there a COC (chain-of-custody) present?		X	
5. Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6. Are short-hold samples present?			X
7. Are all samples within holding times for the requested analyses?		X	
8. Were all sample containers received intact? (not broken or leaking)		X	
9. Is there sufficient sample for the requested analyses?		X	
10. Are samples in proper containers for requested analyses? (form 250, <i>Sample Handling Guidelines</i>)		X	
11. Are all aqueous samples preserved correctly, if required? (excluding volatiles)		X	
12. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13. Were the samples shipped on ice?		X	
14. Were cooler temperatures measured at 0.1-6.0°C?	IR gun used*: #6	RAD ONLY	X
Cooler #: <u>1</u> Temperature (°C): <u>3.0</u> # of custody seals on cooler: <u>0</u> External µR/hr reading: <u>NA</u> Background µR/hr reading: <u>12</u> Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES			

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by KC

If applicable, was the client contacted? YES / NO / NA Contact: Margaret G. O'Brien Date/Time: 7/18/22

Project Manager Signature / Date: _____

ALS -- Fort Collins

SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
 Project: 360100 LRM - Dunn Pit
 Sample ID: MW-03
 Legal Location:
 Collection Date: 7/14/2022 09:03

Date: 28-Jul-22
 Work Order: 2207332
 Lab ID: 2207332-1
 Matrix: WATER
 Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B			Prep Date: 7/25/2022	PrepBy:AOW
BICARBONATE AS CaCO3	420		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	420		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy:ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:17
ALUMINUM	ND		100	UG/L	10	7/21/2022 17:17
ARSENIC	ND		2	UG/L	10	7/21/2022 17:17
BORON	360		150	UG/L	10	7/21/2022 17:17
BARIUM	28		5	UG/L	10	7/21/2022 17:17
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:17
CALCIUM	340000		1000	UG/L	10	7/21/2022 17:17
CADMIUM	ND		2	UG/L	10	7/21/2022 17:17
COBALT	ND		5	UG/L	10	7/21/2022 17:17
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:17
COPPER	ND		20	UG/L	10	7/21/2022 17:17
IRON	ND		100	UG/L	10	7/21/2022 17:17
POTASSIUM	5000		1000	UG/L	10	7/21/2022 17:17
LITHIUM	40		20	UG/L	10	7/21/2022 17:17
MAGNESIUM	270000		100	UG/L	10	7/21/2022 17:17
MANGANESE	760		10	UG/L	10	7/21/2022 17:17
MOLYBDENUM	3.2		2	UG/L	10	7/21/2022 17:17
SODIUM	290000		1000	UG/L	10	7/21/2022 17:17
NICKEL	ND		20	UG/L	10	7/21/2022 17:17
LEAD	ND		2	UG/L	10	7/21/2022 17:17
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:17
SELENIUM	26		10	UG/L	10	7/21/2022 17:17
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:17
URANIUM	44		0.1	UG/L	10	7/21/2022 17:17
VANADIUM	ND		5	UG/L	10	7/21/2022 17:17
ZINC	ND		100	UG/L	10	7/21/2022 17:17
Ion Chromatography		EPA300.0			Prep Date: 7/19/2022	PrepBy:AOW
CHLORIDE	65		10	MG/L	50	7/19/2022 15:24
FLUORIDE	ND		13	MG/L	50	7/19/2022 15:24
SULFATE	2200		50	MG/L	50	7/19/2022 15:24
Total Recoverable Mercury		SW7470			Prep Date: 7/23/2022	PrepBy:WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:20
Nitrate/Nitrite as N		EPA353.2			Prep Date: 7/25/2022	PrepBy:AOW
NITRATE/NITRITE AS N	9.2		0.2	MG/L	10	7/25/2022 11:19
pH		SM4500-H			Prep Date: 7/26/2022	PrepBy:AOW
PH	7.82		0.1	pH	1	7/26/2022
Total Cyanide		SW9014			Prep Date: 7/19/2022	PrepBy:AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C			Prep Date: 7/19/2022	PrepBy:AOW

Client:

Telesto Solutions Inc

Project:

360100 LRM - Dunn Pit

Sample ID:

MW-03

Legal Location:

Collection Date:

7/14/2022 09:03

Date:

28-Jul-22

Work Order:

2207332

Lab ID:

2207332-1

Matrix:

WATER

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	3700		80	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: MW-03 - Filtered
Legal Location:
Collection Date: 7/14/2022 09:03

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-2
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals						
			SW6020		Prep Date: 7/19/2022	PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:20
ALUMINUM	ND		100	UG/L	10	7/21/2022 17:20
ARSENIC	ND		2	UG/L	10	7/21/2022 17:20
BORON	390		150	UG/L	10	7/21/2022 17:20
BARIUM	28		5	UG/L	10	7/21/2022 17:20
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:20
CALCIUM	370000		1000	UG/L	10	7/21/2022 17:20
CADMIUM	ND		2	UG/L	10	7/21/2022 17:20
COBALT	ND		5	UG/L	10	7/21/2022 17:20
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:20
COPPER	ND		20	UG/L	10	7/21/2022 17:20
IRON	ND		100	UG/L	10	7/21/2022 17:20
POTASSIUM	5400		1000	UG/L	10	7/21/2022 17:20
LITHIUM	42		20	UG/L	10	7/21/2022 17:20
MAGNESIUM	280000		100	UG/L	10	7/21/2022 17:20
MANGANESE	760		10	UG/L	10	7/21/2022 17:20
MOLYBDENUM	3.4		2	UG/L	10	7/21/2022 17:20
SODIUM	300000		1000	UG/L	10	7/21/2022 17:20
NICKEL	ND		20	UG/L	10	7/21/2022 17:20
LEAD	ND		2	UG/L	10	7/21/2022 17:20
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:20
SELENIUM	27		10	UG/L	10	7/21/2022 17:20
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:20
URANIUM	46		0.1	UG/L	10	7/21/2022 17:20
VANADIUM	ND		5	UG/L	10	7/21/2022 17:20
ZINC	ND		100	UG/L	10	7/21/2022 17:20
Dissolved Mercury						
			SW7470		Prep Date: 7/23/2022	PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:22

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SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
 Project: 360100 LRM - Dunn Pit
 Sample ID: MW-05
 Legal Location:
 Collection Date: 7/14/2022 09:03

Date: 28-Jul-22
 Work Order: 2207332
 Lab ID: 2207332-3
 Matrix: WATER
 Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B			Prep Date: 7/25/2022	PrepBy:AOW
BICARBONATE AS CaCO3	390		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	390		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy:ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:23
ALUMINUM	40000		100	UG/L	10	7/21/2022 17:23
ARSENIC	9.5		2	UG/L	10	7/21/2022 17:23
BORON	310		150	UG/L	10	7/21/2022 17:23
BARIUM	520		5	UG/L	10	7/21/2022 17:23
BERYLLIUM	2.1		0.5	UG/L	10	7/21/2022 17:23
CALCIUM	290000		1000	UG/L	10	7/21/2022 17:23
CADMIUM	ND		2	UG/L	10	7/21/2022 17:23
COBALT	37		5	UG/L	10	7/21/2022 17:23
CHROMIUM	82		10	UG/L	10	7/21/2022 17:23
COPPER	94		20	UG/L	10	7/21/2022 17:23
IRON	55000		100	UG/L	10	7/21/2022 17:23
POTASSIUM	16000		1000	UG/L	10	7/21/2022 17:23
LITHIUM	83		20	UG/L	10	7/21/2022 17:23
MAGNESIUM	230000		100	UG/L	10	7/21/2022 17:23
MANGANESE	4900		10	UG/L	10	7/21/2022 17:23
MOLYBDENUM	8.7		2	UG/L	10	7/21/2022 17:23
SODIUM	210000		1000	UG/L	10	7/21/2022 17:23
NICKEL	59		20	UG/L	10	7/21/2022 17:23
LEAD	21		2	UG/L	10	7/21/2022 17:23
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:23
SELENIUM	ND		10	UG/L	10	7/21/2022 17:23
THALLIUM	0.93		0.15	UG/L	10	7/21/2022 17:23
URANIUM	49		0.1	UG/L	10	7/21/2022 17:23
VANADIUM	81		5	UG/L	10	7/21/2022 17:23
ZINC	170		100	UG/L	10	7/21/2022 17:23
Ion Chromatography		EPA300.0			Prep Date: 7/19/2022	PrepBy:AOW
CHLORIDE	52		10	MG/L	50	7/19/2022 15:30
FLUORIDE	ND		13	MG/L	50	7/19/2022 15:30
SULFATE	1700		50	MG/L	50	7/19/2022 15:30
Total Recoverable Mercury		SW7470			Prep Date: 7/23/2022	PrepBy:WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:29
Nitrate/Nitrite as N		EPA353.2			Prep Date: 7/25/2022	PrepBy:AOW
NITRATE/NITRITE AS N	ND		0.2	MG/L	10	7/25/2022 11:19
pH		SM4500-H			Prep Date: 7/26/2022	PrepBy:AOW
PH	7.66		0.1	pH	1	7/26/2022
Total Cyanide		SW9014			Prep Date: 7/19/2022	PrepBy:AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C			Prep Date: 7/19/2022	PrepBy:AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: MW-05

Lab ID: 2207332-3

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 09:03

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	2700		80	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: MW-05 - Filtered
Legal Location:
Collection Date: 7/14/2022 09:03

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-4
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals						
			SW6020		Prep Date: 7/19/2022	PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:29
ALUMINUM	790		100	UG/L	10	7/21/2022 17:29
ARSENIC	ND		2	UG/L	10	7/21/2022 17:29
BORON	300		150	UG/L	10	7/21/2022 17:29
BARIUM	43		5	UG/L	10	7/21/2022 17:29
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:29
CALCIUM	290000		1000	UG/L	10	7/21/2022 17:29
CADMIUM	ND		2	UG/L	10	7/21/2022 17:29
COBALT	ND		5	UG/L	10	7/21/2022 17:29
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:29
COPPER	ND		20	UG/L	10	7/21/2022 17:29
IRON	1000		100	UG/L	10	7/21/2022 17:29
POTASSIUM	5300		1000	UG/L	10	7/21/2022 17:29
LITHIUM	27		20	UG/L	10	7/21/2022 17:29
MAGNESIUM	220000		100	UG/L	10	7/21/2022 17:29
MANGANESE	88		10	UG/L	10	7/21/2022 17:29
MOLYBDENUM	2.9		2	UG/L	10	7/21/2022 17:29
SODIUM	220000		1000	UG/L	10	7/21/2022 17:29
NICKEL	ND		20	UG/L	10	7/21/2022 17:29
LEAD	ND		2	UG/L	10	7/21/2022 17:29
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:29
SELENIUM	ND		10	UG/L	10	7/21/2022 17:29
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:29
URANIUM	43		0.1	UG/L	10	7/21/2022 17:29
VANADIUM	ND		5	UG/L	10	7/21/2022 17:29
ZINC	ND		100	UG/L	10	7/21/2022 17:29
Dissolved Mercury						
			SW7470		Prep Date: 7/23/2022	PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:31

ALS -- Fort Collins

SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
 Project: 360100 LRM - Dunn Pit
 Sample ID: MW-08
 Legal Location:
 Collection Date: 7/14/2022 11:05

Date: 28-Jul-22
 Work Order: 2207332
 Lab ID: 2207332-5
 Matrix: WATER
 Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B			Prep Date: 7/25/2022	PrepBy:AOW
BICARBONATE AS CaCO3	270		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	270		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy:ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:32
ALUMINUM	2100		100	UG/L	10	7/21/2022 17:32
ARSENIC	ND		2	UG/L	10	7/21/2022 17:32
BORON	200		150	UG/L	10	7/21/2022 17:32
BARIUM	180		5	UG/L	10	7/21/2022 17:32
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:32
CALCIUM	95000		1000	UG/L	10	7/21/2022 17:32
CADMIUM	ND		2	UG/L	10	7/21/2022 17:32
COBALT	ND		5	UG/L	10	7/21/2022 17:32
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:32
COPPER	ND		20	UG/L	10	7/21/2022 17:32
IRON	2700		100	UG/L	10	7/21/2022 17:32
POTASSIUM	4300		1000	UG/L	10	7/21/2022 17:32
LITHIUM	ND		20	UG/L	10	7/21/2022 17:32
MAGNESIUM	69000		100	UG/L	10	7/21/2022 17:32
MANGANESE	750		10	UG/L	10	7/21/2022 17:32
MOLYBDENUM	7		2	UG/L	10	7/21/2022 17:32
SODIUM	82000		1000	UG/L	10	7/21/2022 17:32
NICKEL	ND		20	UG/L	10	7/21/2022 17:32
LEAD	ND		2	UG/L	10	7/21/2022 17:32
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:32
SELENIUM	ND		10	UG/L	10	7/21/2022 17:32
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:32
URANIUM	35		0.1	UG/L	10	7/21/2022 17:32
VANADIUM	ND		5	UG/L	10	7/21/2022 17:32
ZINC	ND		100	UG/L	10	7/21/2022 17:32
Ion Chromatography		EPA300.0			Prep Date: 7/19/2022	PrepBy:AOW
CHLORIDE	42		4	MG/L	20	7/19/2022 15:36
FLUORIDE	ND		5.2	MG/L	20	7/19/2022 15:36
SULFATE	370		20	MG/L	20	7/19/2022 15:36
Total Recoverable Mercury		SW7470			Prep Date: 7/23/2022	PrepBy:WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:33
Nitrate/Nitrite as N		EPA353.2			Prep Date: 7/25/2022	PrepBy:AOW
NITRATE/NITRITE AS N	0.66		0.2	MG/L	10	7/25/2022 11:20
pH		SM4500-H			Prep Date: 7/26/2022	PrepBy:AOW
PH	7.91		0.1	pH	1	7/26/2022
Total Cyanide		SW9014			Prep Date: 7/19/2022	PrepBy:AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C			Prep Date: 7/19/2022	PrepBy:AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: MW-08

Lab ID: 2207332-5

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 11:05

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	860		40	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: MW-08 - Filtered
Legal Location:
Collection Date: 7/14/2022 11:05

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-6
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals			SW6020		Prep Date: 7/19/2022	PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:35
ALUMINUM	ND		100	UG/L	10	7/21/2022 17:35
ARSENIC	ND		2	UG/L	10	7/21/2022 17:35
BORON	200		150	UG/L	10	7/21/2022 17:35
BARIUM	150		5	UG/L	10	7/21/2022 17:35
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:35
CALCIUM	92000		1000	UG/L	10	7/21/2022 17:35
CADMIUM	ND		2	UG/L	10	7/21/2022 17:35
COBALT	ND		5	UG/L	10	7/21/2022 17:35
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:35
COPPER	ND		20	UG/L	10	7/21/2022 17:35
IRON	ND		100	UG/L	10	7/21/2022 17:35
POTASSIUM	3600		1000	UG/L	10	7/21/2022 17:35
LITHIUM	ND		20	UG/L	10	7/21/2022 17:35
MAGNESIUM	69000		100	UG/L	10	7/21/2022 17:35
MANGANESE	16		10	UG/L	10	7/21/2022 17:35
MOLYBDENUM	6.1		2	UG/L	10	7/21/2022 17:35
SODIUM	81000		1000	UG/L	10	7/21/2022 17:35
NICKEL	ND		20	UG/L	10	7/21/2022 17:35
LEAD	ND		2	UG/L	10	7/21/2022 17:35
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:35
SELENIUM	ND		10	UG/L	10	7/21/2022 17:35
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:35
URANIUM	34		0.1	UG/L	10	7/21/2022 17:35
VANADIUM	ND		5	UG/L	10	7/21/2022 17:35
ZINC	ND		100	UG/L	10	7/21/2022 17:35
Dissolved Mercury			SW7470		Prep Date: 7/23/2022	PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:35

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SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
 Project: 360100 LRM - Dunn Pit
 Sample ID: MW-07
 Legal Location:
 Collection Date: 7/14/2022 12:07

Date: 28-Jul-22
 Work Order: 2207332
 Lab ID: 2207332-7
 Matrix: WATER
 Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B			Prep Date: 7/25/2022	PrepBy: AOW
BICARBONATE AS CaCO3	260		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	260		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:49
ALUMINUM	66000		100	UG/L	10	7/21/2022 17:49
ARSENIC	19		2	UG/L	10	7/21/2022 17:49
BORON	250		150	UG/L	10	7/21/2022 17:49
BARIUM	1100		5	UG/L	10	7/21/2022 17:49
BERYLLIUM	3		0.5	UG/L	10	7/21/2022 17:49
CALCIUM	110000		1000	UG/L	10	7/21/2022 17:49
CADMIUM	ND		2	UG/L	10	7/21/2022 17:49
COBALT	250		5	UG/L	10	7/21/2022 17:49
CHROMIUM	270		10	UG/L	10	7/21/2022 17:49
COPPER	290		20	UG/L	10	7/21/2022 17:49
IRON	86000		100	UG/L	10	7/21/2022 17:49
POTASSIUM	30000		1000	UG/L	10	7/21/2022 17:49
LITHIUM	110		20	UG/L	10	7/21/2022 17:49
MAGNESIUM	98000		100	UG/L	10	7/21/2022 17:49
MANGANESE	5300		10	UG/L	10	7/21/2022 17:49
MOLYBDENUM	17		2	UG/L	10	7/21/2022 17:49
SODIUM	110000		1000	UG/L	10	7/21/2022 17:49
NICKEL	170		20	UG/L	10	7/21/2022 17:49
LEAD	31		2	UG/L	10	7/21/2022 17:49
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:49
SELENIUM	ND		10	UG/L	10	7/21/2022 17:49
THALLIUM	1.7		0.15	UG/L	10	7/21/2022 17:49
URANIUM	53		0.1	UG/L	10	7/21/2022 17:49
VANADIUM	110		5	UG/L	10	7/21/2022 17:49
ZINC	260		100	UG/L	10	7/21/2022 17:49
Ion Chromatography		EPA300.0			Prep Date: 7/19/2022	PrepBy: AOW
CHLORIDE	54		4	MG/L	20	7/19/2022 15:42
FLUORIDE	ND		5.2	MG/L	20	7/19/2022 15:42
SULFATE	520		20	MG/L	20	7/19/2022 15:42
Total Recoverable Mercury		SW7470			Prep Date: 7/23/2022	PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:37
Nitrate/Nitrite as N		EPA353.2			Prep Date: 7/25/2022	PrepBy: AOW
NITRATE/NITRITE AS N	0.36		0.2	MG/L	10	7/25/2022 11:21
pH		SM4500-H			Prep Date: 7/26/2022	PrepBy: AOW
PH	7.81		0.1	pH	1	7/26/2022
Total Cyanide		SW9014			Prep Date: 7/19/2022	PrepBy: AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C			Prep Date: 7/19/2022	PrepBy: AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: MW-07

Lab ID: 2207332-7

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 12:07

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	1200		40	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: MW-07 - Filtered
Legal Location:
Collection Date: 7/14/2022 12:07

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-8
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals		SW6020		Prep Date: 7/19/2022		PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:55
ALUMINUM	110		100	UG/L	10	7/21/2022 17:55
ARSENIC	ND		2	UG/L	10	7/21/2022 17:55
BORON	230		150	UG/L	10	7/21/2022 17:55
BARIUM	43		5	UG/L	10	7/21/2022 17:55
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:55
CALCIUM	110000		1000	UG/L	10	7/21/2022 17:55
CADMIUM	ND		2	UG/L	10	7/21/2022 17:55
COBALT	ND		5	UG/L	10	7/21/2022 17:55
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:55
COPPER	ND		20	UG/L	10	7/21/2022 17:55
IRON	ND		100	UG/L	10	7/21/2022 17:55
POTASSIUM	12000		1000	UG/L	10	7/21/2022 17:55
LITHIUM	ND		20	UG/L	10	7/21/2022 17:55
MAGNESIUM	80000		100	UG/L	10	7/21/2022 17:55
MANGANESE	12		10	UG/L	10	7/21/2022 17:55
MOLYBDENUM	3		2	UG/L	10	7/21/2022 17:55
SODIUM	110000		1000	UG/L	10	7/21/2022 17:55
NICKEL	ND		20	UG/L	10	7/21/2022 17:55
LEAD	ND		2	UG/L	10	7/21/2022 17:55
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:55
SELENIUM	ND		10	UG/L	10	7/21/2022 17:55
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:55
URANIUM	37		0.1	UG/L	10	7/21/2022 17:55
VANADIUM	ND		5	UG/L	10	7/21/2022 17:55
ZINC	ND		100	UG/L	10	7/21/2022 17:55
Dissolved Mercury		SW7470		Prep Date: 7/23/2022		PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:39

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SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
 Project: 360100 LRM - Dunn Pit
 Sample ID: MW-09
 Legal Location:
 Collection Date: 7/14/2022 12:52

Date: 28-Jul-22
 Work Order: 2207332
 Lab ID: 2207332-9
 Matrix: WATER
 Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B			Prep Date: 7/25/2022	PrepBy:AOW
BICARBONATE AS CaCO3	260		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	260		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy:ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 17:58
ALUMINUM	ND		100	UG/L	10	7/21/2022 17:58
ARSENIC	ND		2	UG/L	10	7/21/2022 17:58
BORON	200		150	UG/L	10	7/21/2022 17:58
BARIUM	19		5	UG/L	10	7/21/2022 17:58
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 17:58
CALCIUM	120000		1000	UG/L	10	7/21/2022 17:58
CADMIUM	ND		2	UG/L	10	7/21/2022 17:58
COBALT	ND		5	UG/L	10	7/21/2022 17:58
CHROMIUM	ND		10	UG/L	10	7/21/2022 17:58
COPPER	ND		20	UG/L	10	7/21/2022 17:58
IRON	ND		100	UG/L	10	7/21/2022 17:58
POTASSIUM	3400		1000	UG/L	10	7/21/2022 17:58
LITHIUM	ND		20	UG/L	10	7/21/2022 17:58
MAGNESIUM	63000		100	UG/L	10	7/21/2022 17:58
MANGANESE	64		10	UG/L	10	7/21/2022 17:58
MOLYBDENUM	3.4		2	UG/L	10	7/21/2022 17:58
SODIUM	75000		1000	UG/L	10	7/21/2022 17:58
NICKEL	ND		20	UG/L	10	7/21/2022 17:58
LEAD	ND		2	UG/L	10	7/21/2022 17:58
ANTIMONY	ND		1	UG/L	10	7/21/2022 17:58
SELENIUM	ND		10	UG/L	10	7/21/2022 17:58
THALLIUM	ND		0.15	UG/L	10	7/21/2022 17:58
URANIUM	25		0.1	UG/L	10	7/21/2022 17:58
VANADIUM	ND		5	UG/L	10	7/21/2022 17:58
ZINC	ND		100	UG/L	10	7/21/2022 17:58
Ion Chromatography		EPA300.0			Prep Date: 7/19/2022	PrepBy:AOW
CHLORIDE	38		4	MG/L	20	7/19/2022 15:48
FLUORIDE	ND		5.2	MG/L	20	7/19/2022 15:48
SULFATE	420		20	MG/L	20	7/19/2022 15:48
Total Recoverable Mercury		SW7470			Prep Date: 7/23/2022	PrepBy:WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:41
Nitrate/Nitrite as N		EPA353.2			Prep Date: 7/25/2022	PrepBy:AOW
NITRATE/NITRITE AS N	0.36		0.2	MG/L	10	7/25/2022 11:22
pH		SM4500-H			Prep Date: 7/26/2022	PrepBy:AOW
PH	7.9		0.1	pH	1	7/26/2022
Total Cyanide		SW9014			Prep Date: 7/19/2022	PrepBy:AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C			Prep Date: 7/19/2022	PrepBy:AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: MW-09

Lab ID: 2207332-9

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 12:52

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	940		40	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: MW-09 - Filtered
Legal Location:
Collection Date: 7/14/2022 12:52

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-10
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals		SW6020		Prep Date: 7/19/2022		PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 18:01
ALUMINUM	ND		100	UG/L	10	7/21/2022 18:01
ARSENIC	ND		2	UG/L	10	7/21/2022 18:01
BORON	200		150	UG/L	10	7/21/2022 18:01
BARIUM	19		5	UG/L	10	7/21/2022 18:01
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 18:01
CALCIUM	130000		1000	UG/L	10	7/21/2022 18:01
CADMIUM	ND		2	UG/L	10	7/21/2022 18:01
COBALT	ND		5	UG/L	10	7/21/2022 18:01
CHROMIUM	ND		10	UG/L	10	7/21/2022 18:01
COPPER	ND		20	UG/L	10	7/21/2022 18:01
IRON	ND		100	UG/L	10	7/21/2022 18:01
POTASSIUM	3500		1000	UG/L	10	7/21/2022 18:01
LITHIUM	ND		20	UG/L	10	7/21/2022 18:01
MAGNESIUM	65000		100	UG/L	10	7/21/2022 18:01
MANGANESE	37		10	UG/L	10	7/21/2022 18:01
MOLYBDENUM	3.7		2	UG/L	10	7/21/2022 18:01
SODIUM	76000		1000	UG/L	10	7/21/2022 18:01
NICKEL	ND		20	UG/L	10	7/21/2022 18:01
LEAD	ND		2	UG/L	10	7/21/2022 18:01
ANTIMONY	ND		1	UG/L	10	7/21/2022 18:01
SELENIUM	ND		10	UG/L	10	7/21/2022 18:01
THALLIUM	ND		0.15	UG/L	10	7/21/2022 18:01
URANIUM	26		0.1	UG/L	10	7/21/2022 18:01
VANADIUM	ND		5	UG/L	10	7/21/2022 18:01
ZINC	ND		100	UG/L	10	7/21/2022 18:01
Dissolved Mercury		SW7470		Prep Date: 7/23/2022		PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:43

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SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: 02-MW-09
Legal Location:
Collection Date: 7/14/2022 13:01

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-11
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate						
		SM2320B			Prep Date: 7/25/2022	PrepBy:AOW
BICARBONATE AS CaCO3	260		20	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		20	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	260		20	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals						
		SW6020			Prep Date: 7/19/2022	PrepBy:ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 18:04
ALUMINUM	ND		100	UG/L	10	7/21/2022 18:04
ARSENIC	ND		2	UG/L	10	7/21/2022 18:04
BORON	210		150	UG/L	10	7/21/2022 18:04
BARIUM	20		5	UG/L	10	7/21/2022 18:04
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 18:04
CALCIUM	130000		1000	UG/L	10	7/21/2022 18:04
CADMIUM	ND		2	UG/L	10	7/21/2022 18:04
COBALT	ND		5	UG/L	10	7/21/2022 18:04
CHROMIUM	ND		10	UG/L	10	7/21/2022 18:04
COPPER	ND		20	UG/L	10	7/21/2022 18:04
IRON	ND		100	UG/L	10	7/21/2022 18:04
POTASSIUM	3500		1000	UG/L	10	7/21/2022 18:04
LITHIUM	ND		20	UG/L	10	7/21/2022 18:04
MAGNESIUM	66000		100	UG/L	10	7/21/2022 18:04
MANGANESE	99		10	UG/L	10	7/21/2022 18:04
MOLYBDENUM	3.8		2	UG/L	10	7/21/2022 18:04
SODIUM	77000		1000	UG/L	10	7/21/2022 18:04
NICKEL	ND		20	UG/L	10	7/21/2022 18:04
LEAD	ND		2	UG/L	10	7/21/2022 18:04
ANTIMONY	ND		1	UG/L	10	7/21/2022 18:04
SELENIUM	ND		10	UG/L	10	7/21/2022 18:04
THALLIUM	ND		0.15	UG/L	10	7/21/2022 18:04
URANIUM	25		0.1	UG/L	10	7/21/2022 18:04
VANADIUM	ND		5	UG/L	10	7/21/2022 18:04
ZINC	ND		100	UG/L	10	7/21/2022 18:04
Ion Chromatography						
		EPA300.0			Prep Date: 7/19/2022	PrepBy:AOW
CHLORIDE	37		4	MG/L	20	7/19/2022 15:55
FLUORIDE	ND		5.2	MG/L	20	7/19/2022 15:55
SULFATE	420		20	MG/L	20	7/19/2022 15:55
Total Recoverable Mercury						
		SW7470			Prep Date: 7/23/2022	PrepBy:WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:45
Nitrate/Nitrite as N						
		EPA353.2			Prep Date: 7/25/2022	PrepBy:AOW
NITRATE/NITRITE AS N	0.39		0.2	MG/L	10	7/25/2022 11:23
pH						
		SM4500-H			Prep Date: 7/26/2022	PrepBy:AOW
PH	7.87		0.1	pH	1	7/26/2022
Total Cyanide						
		SW9014			Prep Date: 7/19/2022	PrepBy:AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids						
		SM2540C			Prep Date: 7/19/2022	PrepBy:AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: 02-MW-09

Lab ID: 2207332-11

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 13:01

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	930		40	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: 02-MW-09 - Filtered
Legal Location:
Collection Date: 7/14/2022 13:01

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-12
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals		SW6020		Prep Date: 7/19/2022		PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 18:07
ALUMINUM	ND		100	UG/L	10	7/21/2022 18:07
ARSENIC	ND		2	UG/L	10	7/21/2022 18:07
BORON	210		150	UG/L	10	7/21/2022 18:07
BARIUM	18		5	UG/L	10	7/21/2022 18:07
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 18:07
CALCIUM	130000		1000	UG/L	10	7/21/2022 18:07
CADMIUM	ND		2	UG/L	10	7/21/2022 18:07
COBALT	ND		5	UG/L	10	7/21/2022 18:07
CHROMIUM	ND		10	UG/L	10	7/21/2022 18:07
COPPER	ND		20	UG/L	10	7/21/2022 18:07
IRON	ND		100	UG/L	10	7/21/2022 18:07
POTASSIUM	3400		1000	UG/L	10	7/21/2022 18:07
LITHIUM	ND		20	UG/L	10	7/21/2022 18:07
MAGNESIUM	65000		100	UG/L	10	7/21/2022 18:07
MANGANESE	62		10	UG/L	10	7/21/2022 18:07
MOLYBDENUM	3.7		2	UG/L	10	7/21/2022 18:07
SODIUM	78000		1000	UG/L	10	7/21/2022 18:07
NICKEL	ND		20	UG/L	10	7/21/2022 18:07
LEAD	ND		2	UG/L	10	7/21/2022 18:07
ANTIMONY	ND		1	UG/L	10	7/21/2022 18:07
SELENIUM	ND		10	UG/L	10	7/21/2022 18:07
THALLIUM	ND		0.15	UG/L	10	7/21/2022 18:07
URANIUM	25		0.1	UG/L	10	7/21/2022 18:07
VANADIUM	ND		5	UG/L	10	7/21/2022 18:07
ZINC	ND		100	UG/L	10	7/21/2022 18:07
Dissolved Mercury		SW7470		Prep Date: 7/23/2022		PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:47

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SAMPLE SUMMARY REPORT

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: 03-BLANK
Legal Location:
Collection Date: 7/14/2022 13:17

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-13
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity as Calcium Carbonate		SM2320B		Prep Date: 7/25/2022		PrepBy: AOW
BICARBONATE AS CaCO3	ND		5	MG/L	1	7/25/2022
CARBONATE AS CaCO3	ND		5	MG/L	1	7/25/2022
TOTAL ALKALINITY AS CaCO3	ND		5	MG/L	1	7/25/2022
Total Recoverable ICPMS Metals		SW6020		Prep Date: 7/19/2022		PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 18:10
ALUMINUM	ND		100	UG/L	10	7/21/2022 18:10
ARSENIC	ND		2	UG/L	10	7/21/2022 18:10
BORON	ND		150	UG/L	10	7/21/2022 18:10
BARIUM	ND		5	UG/L	10	7/21/2022 18:10
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 18:10
CALCIUM	ND		1000	UG/L	10	7/21/2022 18:10
CADMIUM	ND		2	UG/L	10	7/21/2022 18:10
COBALT	ND		5	UG/L	10	7/21/2022 18:10
CHROMIUM	ND		10	UG/L	10	7/21/2022 18:10
COPPER	ND		20	UG/L	10	7/21/2022 18:10
IRON	ND		100	UG/L	10	7/21/2022 18:10
POTASSIUM	ND		1000	UG/L	10	7/21/2022 18:10
LITHIUM	ND		20	UG/L	10	7/21/2022 18:10
MAGNESIUM	ND		100	UG/L	10	7/21/2022 18:10
MANGANESE	ND		10	UG/L	10	7/21/2022 18:10
MOLYBDENUM	ND		2	UG/L	10	7/21/2022 18:10
SODIUM	ND		1000	UG/L	10	7/21/2022 18:10
NICKEL	ND		20	UG/L	10	7/21/2022 18:10
LEAD	ND		2	UG/L	10	7/21/2022 18:10
ANTIMONY	ND		1	UG/L	10	7/21/2022 18:10
SELENIUM	ND		10	UG/L	10	7/21/2022 18:10
THALLIUM	ND		0.15	UG/L	10	7/21/2022 18:10
URANIUM	ND		0.1	UG/L	10	7/21/2022 18:10
VANADIUM	ND		5	UG/L	10	7/21/2022 18:10
ZINC	ND		100	UG/L	10	7/21/2022 18:10
Ion Chromatography		EPA300.0		Prep Date: 7/19/2022		PrepBy: AOW
CHLORIDE	ND		0.2	MG/L	1	7/19/2022 16:01
FLUORIDE	ND		0.26	MG/L	1	7/19/2022 16:01
SULFATE	ND		1	MG/L	1	7/19/2022 16:01
Total Recoverable Mercury		SW7470		Prep Date: 7/23/2022		PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:53
Nitrate/Nitrite as N		EPA353.2		Prep Date: 7/25/2022		PrepBy: AOW
NITRATE/NITRITE AS N	ND		0.2	MG/L	10	7/25/2022 11:25
pH		SM4500-H		Prep Date: 7/26/2022		PrepBy: AOW
PH	5.91		0.1	pH	1	7/26/2022
Total Cyanide		SW9014		Prep Date: 7/19/2022		PrepBy: AOW
CYANIDE, TOTAL	ND		0.015	MG/L	1	7/20/2022
Total Dissolved Solids		SM2540C		Prep Date: 7/19/2022		PrepBy: AOW

Client: Telesto Solutions Inc

Date: 28-Jul-22

Project: 360100 LRM - Dunn Pit

Work Order: 2207332

Sample ID: 03-BLANK

Lab ID: 2207332-13

Legal Location:

Matrix: WATER

Collection Date: 7/14/2022 13:17

Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TOTAL DISSOLVED SOLIDS	ND		20	MG/L	1	7/21/2022

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: 03-BLANK
Legal Location:
Collection Date: 7/14/2022 13:17

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-14
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dissolved ICPMS Metals		SW6020			Prep Date: 7/19/2022	PrepBy: ETC
SILVER	ND		1.4	UG/L	10	7/21/2022 18:13
ALUMINUM	ND		100	UG/L	10	7/21/2022 18:13
ARSENIC	ND		2	UG/L	10	7/21/2022 18:13
BORON	ND		150	UG/L	10	7/21/2022 18:13
BARIUM	ND		5	UG/L	10	7/21/2022 18:13
BERYLLIUM	ND		0.5	UG/L	10	7/21/2022 18:13
CALCIUM	ND		1000	UG/L	10	7/21/2022 18:13
CADMIUM	ND		2	UG/L	10	7/21/2022 18:13
COBALT	ND		5	UG/L	10	7/21/2022 18:13
CHROMIUM	ND		10	UG/L	10	7/21/2022 18:13
COPPER	ND		20	UG/L	10	7/21/2022 18:13
IRON	ND		100	UG/L	10	7/21/2022 18:13
POTASSIUM	ND		1000	UG/L	10	7/21/2022 18:13
LITHIUM	ND		20	UG/L	10	7/21/2022 18:13
MAGNESIUM	ND		100	UG/L	10	7/21/2022 18:13
MANGANESE	ND		10	UG/L	10	7/21/2022 18:13
MOLYBDENUM	ND		2	UG/L	10	7/21/2022 18:13
SODIUM	ND		1000	UG/L	10	7/21/2022 18:13
NICKEL	ND		20	UG/L	10	7/21/2022 18:13
LEAD	ND		2	UG/L	10	7/21/2022 18:13
ANTIMONY	ND		1	UG/L	10	7/21/2022 18:13
SELENIUM	ND		10	UG/L	10	7/21/2022 18:13
THALLIUM	ND		0.15	UG/L	10	7/21/2022 18:13
URANIUM	ND		0.1	UG/L	10	7/21/2022 18:13
VANADIUM	ND		5	UG/L	10	7/21/2022 18:13
ZINC	ND		100	UG/L	10	7/21/2022 18:13
Dissolved Mercury		SW7470			Prep Date: 7/23/2022	PrepBy: WJS
MERCURY	ND		0.0002	MG/L	1	7/25/2022 12:56

Client: Telesto Solutions Inc
Project: 360100 LRM - Dunn Pit
Sample ID: 03-BLANK
Legal Location:
Collection Date: 7/14/2022 13:17

Date: 28-Jul-22
Work Order: 2207332
Lab ID: 2207332-14
Matrix: WATER
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
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Explanation of Qualifiers

Radiochemistry:

- "Report Limit" is the MDC
 U or ND - Result is less than the sample specific MDC.
 Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
 Y2 - Chemical Yield outside default limits.
 W - DER is greater than Warning Limit of 1.42
 * - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.
 # - Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.
 G - Sample density differs by more than 15% of LCS density.
 D - DER is greater than Control Limit
 M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
 L - LCS Recovery below lower control limit.
 H - LCS Recovery above upper control limit.
 P - LCS, Matrix Spike Recovery within control limits.
 N - Matrix Spike Recovery outside control limits
 NC - Not Calculated for duplicate results less than 5 times MDC
 B - Analyte concentration greater than MDC.
 B3 - Analyte concentration greater than MDC but less than Requested MDC.

Inorganics:

B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).
 U or ND - Indicates that the compound was analyzed for but not detected.
 E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
 M - Duplicate injection precision was not met.
 N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
 Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
 * - Duplicate analysis (relative percent difference) not within control limits.
 S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

Organics:

U or ND - Indicates that the compound was analyzed for but not detected.
 B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.
 E - Analyte concentration exceeds the upper level of the calibration range.
 J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).
 A - A tentatively identified compound is a suspected aldol-condensation product.
 X - The analyte was diluted below an accurate quantitation level.
 * - The spike recovery is equal to or outside the control criteria used.
 + - The relative percent difference (RPD) equals or exceeds the control criteria.
 G - A pattern resembling gasoline was detected in this sample.
 D - A pattern resembling diesel was detected in this sample.
 M - A pattern resembling motor oil was detected in this sample.
 C - A pattern resembling crude oil was detected in this sample.
 4 - A pattern resembling JP-4 was detected in this sample.
 5 - A pattern resembling JP-5 was detected in this sample.
 H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.
 L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.
 Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
 - gasoline
 - JP-8
 - diesel
 - mineral spirits
 - motor oil
 - Stoddard solvent
 - bunker C

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Date: 7/28/2022 1:17:0

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **HG220723-4-1** Instrument ID: **CETAC7600** Method: **SW7470**

LCS	Sample ID: HG220723-4			Units: MG/L			Analysis Date: 7/25/2022 12:16					
Client ID:	Run ID: HG220725-1A3			Prep Date: 7/23/2022			DF: 1					
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual	
MERCURY	0.00097	0.0002	0.001		97	80-120				20		

LCSD	Sample ID: HG220723-4			Units: MG/L			Analysis Date: 7/25/2022 12:18					
Client ID:	Run ID: HG220725-1A3			Prep Date: 7/23/2022			DF: 1					
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual	
MERCURY	0.00099	0.0002	0.001		99	80-120		0.00097	2	20		

MB	Sample ID: HG220723-4			Units: MG/L			Analysis Date: 7/25/2022 12:14					
Client ID:	Run ID: HG220725-1A3			Prep Date: 7/23/2022			DF: 1					
Analyte	Result	ReportLimit									Qual	
MERCURY	ND	0.0002										

The following samples were analyzed in this batch:

2207332-1	2207332-2	2207332-3
2207332-4	2207332-5	2207332-6
2207332-7	2207332-8	2207332-9
2207332-10	2207332-11	2207332-12
2207332-13	2207332-14	

Client: Telesto Solutions Inc
 Work Order: 2207332
 Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **IP220719-5-1** Instrument ID: **ICPMS2** Method: **SW6020**

LCS Sample ID: **IM220719-5** Units: **UG/L** Analysis Date: **7/21/2022 17:05**

Client ID: Run ID: **IM220721-10A7** Prep Date: **7/19/2022** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
ALUMINUM	4650	100	5000		93	80-120				20	
ANTIMONY	30.3	1	30		101	80-120				20	
ARSENIC	92.8	2	100		93	80-120				20	
BARIUM	90.8	5	100		91	80-120				20	
BERYLLIUM	51.7	0.5	50		103	80-120				20	
BORON	2070	150	2000		104	80-120				20	
CADMIUM	29.3	2	30		98	80-120				20	
CALCIUM	9480	1000	10000		95	80-120				20	
CHROMIUM	471	10	500		94	80-120				20	
COBALT	100	5	100		100	80-120				20	
COPPER	1030	20	1000		103	80-120				20	
IRON	4670	100	5000		93	80-120				20	
LEAD	50.1	2	50		100	80-120				20	
LITHIUM	1030	20	1000		103	80-120				20	
MAGNESIUM	9340	100	10000		93	80-120				20	
MANGANESE	95.3	10	100		95	80-120				20	
MOLYBDENUM	96.6	2	100		97	80-120				20	
NICKEL	465	20	500		93	80-120				20	
POTASSIUM	4650	1000	5000		93	80-120				20	
SELENIUM	99.7	10	100		100	80-120				20	
SILVER	10.1	1.4	10		101	80-120				20	
SODIUM	9500	1000	10000		95	80-120				20	
THALLIUM	1.92	0.15	2		96	80-120				20	
URANIUM	9.9	0.1	10		99	80-120				20	
VANADIUM	93.2	5	100		93	80-120				20	
ZINC	1930	100	2000		96	80-120				20	

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **IP220719-5-1** Instrument ID: **ICPMS2** Method: **SW6020**

LCSD Sample ID: **IM220719-5** Units: **UG/L** Analysis Date: **7/21/2022 17:11**

Client ID: Run ID: **IM220721-10A7** Prep Date: **7/19/2022** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
ALUMINUM	4560	100	5000		91	80-120		4650	2	20	
ANTIMONY	30.2	1	30		101	80-120		30.3	1	20	
ARSENIC	91.9	2	100		92	80-120		92.8	1	20	
BARIUM	92.4	5	100		92	80-120		90.8	2	20	
BERYLLIUM	50.6	0.5	50		101	80-120		51.7	2	20	
BORON	2090	150	2000		105	80-120		2070	1	20	
CADMIUM	28.4	2	30		95	80-120		29.3	3	20	
CALCIUM	9770	1000	10000		98	80-120		9480	3	20	
CHROMIUM	456	10	500		91	80-120		471	3	20	
COBALT	98.5	5	100		98	80-120		100	2	20	
COPPER	1010	20	1000		101	80-120		1030	2	20	
IRON	4540	100	5000		91	80-120		4670	3	20	
LEAD	49.1	2	50		98	80-120		50.1	2	20	
LITHIUM	1010	20	1000		101	80-120		1030	2	20	
MAGNESIUM	9110	100	10000		91	80-120		9340	2	20	
MANGANESE	94.8	10	100		95	80-120		95.3	1	20	
MOLYBDENUM	96.2	2	100		96	80-120		96.6	0	20	
NICKEL	457	20	500		91	80-120		465	2	20	
POTASSIUM	4470	1000	5000		89	80-120		4650	4	20	
SELENIUM	95	10	100		95	80-120		99.7	5	20	
SILVER	9.88	1.4	10		99	80-120		10.1	2	20	
SODIUM	9420	1000	10000		94	80-120		9500	1	20	
THALLIUM	1.87	0.15	2		94	80-120		1.92	3	20	
URANIUM	9.74	0.1	10		97	80-120		9.9	2	20	
VANADIUM	92.6	5	100		93	80-120		93.2	1	20	
ZINC	1900	100	2000		95	80-120		1930	2	20	

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **IP220719-5-1** Instrument ID: **ICPMS2** Method: **SW6020**

MB Sample ID: **IP220719-5** Units: **UG/L** Analysis Date: **7/21/2022 17:02**
Client ID: Run ID: **IM220721-10A7** Prep Date: **7/19/2022** DF: **10**

Analyte	Result	ReportLimit	Qual
ALUMINUM	ND	100	
ANTIMONY	ND	1	
ARSENIC	ND	2	
BARIUM	ND	5	
BERYLLIUM	ND	0.5	
BORON	ND	150	
CADMIUM	ND	2	
CALCIUM	ND	1000	
CHROMIUM	ND	10	
COBALT	ND	5	
COPPER	ND	20	
IRON	ND	100	
LEAD	ND	2	
LITHIUM	ND	20	
MAGNESIUM	ND	100	
MANGANESE	ND	10	
MOLYBDENUM	ND	2	
NICKEL	ND	20	
POTASSIUM	ND	1000	
SELENIUM	ND	10	
SILVER	ND	1.4	
SODIUM	ND	1000	
THALLIUM	ND	0.15	
URANIUM	ND	0.1	
VANADIUM	ND	5	
ZINC	ND	100	

The following samples were analyzed in this batch:

2207332-1	2207332-2	2207332-3
2207332-4	2207332-5	2207332-6
2207332-7	2207332-8	2207332-9
2207332-10	2207332-11	2207332-12
2207332-13	2207332-14	

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **AK220725-1-1** Instrument ID: **NONE** Method: **SM2320B**

LCS	Sample ID: AK220725-1			Units: MG/L			Analysis Date: 7/25/2022				
Client ID:	Run ID: AK220725-1A1			Prep Date: 7/25/2022			DF: 1				
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL ALKALINITY AS CaCO3	103	5	100		103	85-115				15	

MB	Sample ID: AK220725-1			Units: MG/L			Analysis Date: 7/25/2022				
Client ID:	Run ID: AK220725-1A1			Prep Date: 7/25/2022			DF: 1				
Analyte	Result	ReportLimit									Qual
BICARBONATE AS CaCO3	ND	5									
CARBONATE AS CaCO3	ND	5									
TOTAL ALKALINITY AS CaCO3	ND	5									

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **CN220719-1-1** Instrument ID: **Spec** Method: **SW9014**

LCS	Sample ID: CN220719-1				Units: MG/L		Analysis Date: 7/20/2022				
Client ID:		Run ID: CN220720-1A4				Prep Date: 7/19/2022			DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
CYANIDE, TOTAL	0.187	0.015	0.2		94	85-115				30	

LCSD	Sample ID: CN220719-1			Units: MG/L			Analysis Date: 7/20/2022				
Client ID:	Run ID: CN220720-1A4			Prep Date: 7/19/2022			DF: 1				
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
CYANIDE, TOTAL	0.189	0.015	0.2		94	85-115		0.187	1	30	

MB		Sample ID: CN220719-1			Units: MG/L		Analysis Date: 7/20/2022	
Client ID:		Run ID: CN220720-1A4			Prep Date: 7/19/2022		DF: 1	
Analyte		Result	ReportLimit		Qual			
CYANIDE, TOTAL		ND	0.015					

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: IC220719-2-1 Instrument ID: IC3 Method: EPA300.0

LCS	Sample ID: IC220719-2			Units: MG/L			Analysis Date: 7/19/2022 12:47				
Client ID:	Run ID: IC220719-1A1						Prep Date: 7/19/2022		DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
FLUORIDE	4.97	0.258	5		99	90-110				15	
CHLORIDE	10	0.2	10		100	90-110				15	
SULFATE	49.2	1	50		98	90-110				15	

LCSD	Sample ID: IC220719-2				Units: MG/L		Analysis Date: 7/19/2022 13:59				
Client ID:	Run ID: IC220719-1A1				Prep Date: 7/19/2022			DF: 1			
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
FLUORIDE	4.98	0.258	5		100	90-110		4.97	0	15	
CHLORIDE	10	0.2	10		100	90-110		10	0	15	
SULFATE	49.9	1	50		100	90-110		49.2	1	15	

MB		Sample ID: IC220719-2		Units: MG/L		Analysis Date: 7/19/2022 15:18	
Client ID:		Run ID: IC220719-1A1		Prep Date: 7/19/2022		DF: 1	
Analyte		Result	ReportLimit	Qual			
FLUORIDE		ND	0.26				
CHLORIDE		ND	0.2				
SULFATE		ND	1				

MS	Sample ID: 2207332-13				Units: MG/L			Analysis Date: 7/19/2022 16:07			
Client ID: 03-BLANK			Run ID: IC220719-1A1			Prep Date: 7/19/2022			DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
FLUORIDE	2.22	0.258	2	0.26	111	85-115				15	
CHLORIDE	5.49	0.2	5	0.2	110	85-115				15	
SULFATE	21.2	1	20	1	106	85-115				15	

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **NN220725-2-1** Instrument ID: **Lachat** Method: **EPA353.2**

LCS		Sample ID: NN220725-2				Units: MG/L		Analysis Date: 7/25/2022 10:57				
Client ID:		Run ID: NN220725-1A1				Prep Date: 7/25/2022				DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual	
NITRATE/NITRITE AS N	0.514	0.02	0.5		103	90-110				20		

LCSD		Sample ID: NN220725-2				Units: MG/L		Analysis Date: 7/25/2022 10:58				
Client ID:		Run ID: NN220725-1A1				Prep Date: 7/25/2022				DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual	
NITRATE/NITRITE AS N	0.513	0.02	0.5		103	90-110		0.514	0	20		

MB		Sample ID: NN220725-2				Units: MG/L		Analysis Date: 7/25/2022 10:58			
Client ID:		Run ID: NN220725-1A1				Prep Date: 7/25/2022				DF: 1	
Analyte		Result		ReportLimit		Qual					
NITRATE/NITRITE AS N		ND		0.02							

MS		Sample ID: 2207332-13				Units: MG/L		Analysis Date: 7/25/2022 11:26				
Client ID: 03-BLANK		Run ID: NN220725-1A1				Prep Date: 7/25/2022				DF: 10		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual	
NITRATE/NITRITE AS N	4.66	0.2	5	0.2	93	90-110				20		

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **pH220726-1-1** Instrument ID: **pH-2** Method: **SM4500-H**

DUP Sample ID: **2207332-3** Units: **pH** Analysis Date: **7/26/2022**

Client ID: **MW-05** Run ID: **pH220726-1a1** Prep Date: **7/26/2022** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
PH	7.67	0.1						7.66			

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		

Client: Telesto Solutions Inc
Work Order: 2207332
Project: 360100 LRM - Dunn Pit

QC BATCH REPORT

Batch ID: **TD220719-1-1** Instrument ID: **Balance** Method: **SM2540C**

DUP		Sample ID: 2207332-1				Units: MG/L		Analysis Date: 7/21/2022			
Client ID: MW-03		Run ID: TD220721-1A1				Prep Date: 7/19/2022		DF: 1			
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL DISSOLVED SOLIDS	3570	80						3700	3	14	

LCS		Sample ID: TD220719-1				Units: MG/L		Analysis Date: 7/21/2022			
Client ID:		Run ID: TD220721-1A1				Prep Date: 7/19/2022		DF: 1			
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL DISSOLVED SOLIDS	386	20	400		96	85-115				14	

LCSD		Sample ID: TD220719-1				Units: MG/L		Analysis Date: 7/21/2022			
Client ID:		Run ID: TD220721-1A1				Prep Date: 7/19/2022		DF: 1			
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL DISSOLVED SOLIDS	406	20	400		101	85-115		386	5	14	

MB		Sample ID: TD220719-1				Units: MG/L		Analysis Date: 7/21/2022			
Client ID:		Run ID: TD220721-1A1				Prep Date: 7/19/2022		DF: 1			
Analyte	Result	ReportLimit									Qual
TOTAL DISSOLVED SOLIDS	ND	20									

The following samples were analyzed in this batch:

2207332-1	2207332-3	2207332-5
2207332-7	2207332-9	2207332-11
2207332-13		