

Environmental Services Analysis Report - Final

Invoice Number: 1196960	Collected Date: 18-Feb-2025 8:00 AM	
Sample Location: WTP Clear Well	Received: 19-Feb-2025 10:17 AM	
Collected by: Michael Lowe	Reported: 21-Feb-2025 2:51 PM	
Station #: SK05ME0001	Water Source: Distributed	Permit: 2376 MOOSOMIN DIST.SYSTEM

Submitted By: MOOSOMIN TOWN OF BOX 730 MOOSOMIN, SK S0G 3N0	Invoice: MOOSOMIN TOWN OF BOX 730 MOOSOMIN, SK S0G 3N0
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Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Health and Toxicity Panel					92.50
Boron	0.1	mg/L	< 5.0		
Aluminum (ICPMS)	<6.96	µg/L	No Guideline		
Arsenic (ICPMS)	0.10	µg/L	< 10		
Barium (ICPMS)	9.8	µg/L	< 1000		
Cadmium (ICPMS)	<0.15	µg/L	< 5		
Chromium (ICPMS)	<0.19	µg/L	< 50		
Copper (ICPMS)	<8.29	µg/L	< 1000		
Lead (ICPMS)	<0.07	µg/L	< 10		
Selenium (ICPMS)	<1.13	µg/L	< 10		
Uranium (ICPMS)	16.3	µg/L	< 20		
Zinc (ICPMS)	<4.00	µg/L	< 5000		
Antimony (ICPMS)	<0.16	µg/L	No Guideline		
Silver (ICPMS)	<0.20	µg/L	No Guideline		
General Chemistry/Water Quality Panel					104.00
Conductivity	1445	µS/cm	< 2300		
pH	7.3	pH Units	7.0 - 10.5		
Total Alkalinity	446	mg/L CaCO ₃	< 500		
Phenol Alkalinity	0.00	mg/L CaCO ₃	No Guideline		
Bicarbonate	544	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	13.4	mg/L	< 250		
Fluoride Dissolved	0.27	mg/L	< 1.5		
Nitrate Dissolved	2.3	mg/L	< 45		
Sulfate Dissolved	429.7	mg/L	< 500		
Total Hardness (Calculated)	866	mg/L CaCO ₃	< 800		
Total Dissolved Solids	1337	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	223	mg/L	No Guideline		
Magnesium	75	mg/L	< 200		
Potassium	8	mg/L	No Guideline		
Sodium	42	mg/L	< 300		