

Environmental Services Analysis Report - Final

Invoice Number: 1208042	Collected Date: 28-Aug-2025 9:00 AM	
Sample Location: WTP Distribution	Received: 28-Aug-2025 2:19 PM	
Collected by: Eric	Reported: 08-Sep-2025 11:50 AM	
Station #: SK05JK0018	Water Source: Distributed	
Permit: 2492 SOUTHEY DIST.SYSTEM		

Submitted By:	Invoice:
SOUTHEY TOWN OF	SOUTHEY TOWN OF
BOX 248	BOX 248
SOUTHEY, SK	SOUTHEY, SK
S0G 4P0	S0G 4P0

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)	0.40	µg/L	< 10		
Barium (ICPMS)	18.3	µg/L	< 1000		
Cadmium (ICPMS)	<0.15	µg/L	< 5		
Chromium (ICPMS)	<0.19	µg/L	< 50		
Copper (ICPMS)	10.6	µg/L	< 1000		
Lead (ICPMS)	0.20	µg/L	< 10		
Selenium (ICPMS)	<1.13	µg/L	< 10		
Uranium (ICPMS)	8.0	µg/L	< 20		
Zinc (ICPMS)	4.5	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	1071	µS/cm	< 2300		
pH	7.9	pH Units	7.0 - 10.5		
Total Alkalinity	312	mg/L CaCO3	< 500		
Phenol Alkalinity	0.00	mg/L CaCO3	No Guideline		
Bicarbonate	381	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	11.5	mg/L	< 250		
Fluoride Dissolved	0.23	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	300.1	mg/L	< 500	1	
Total Hardness (Calculated)	600	mg/L CaCO3	< 800		
Total Dissolved Solids	928	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	143	mg/L	No Guideline		
Magnesium	59	mg/L	< 200		
Potassium	6	mg/L	No Guideline		
Sodium	27	mg/L	< 300		