

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1166720	<b>Collected Date:</b> 21-Mar-2023 10:00 AM
<b>Sample Location:</b> 260 Keats St	<b>Received:</b> 21-Mar-2023 11:35 AM
<b>Collected by:</b> Eric	<b>Reported:</b> 24-Mar-2023 9:44 AM
<b>Station #:</b> SK05JK0018	<b>Water Source:</b> Distributed
<b>Permit:</b> 2492	
SOUTHEY DIST.SYSTEM	

<b>Submitted By:</b>	<b>Invoice:</b>
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
<b>Health and Toxicity Panel</b>					92.50
Boron	0.1	mg/L	< 5.0		
Aluminum (ICPMS)	<6.96	µg/L	No Guideline		
Arsenic (ICPMS)	0.30	µg/L	< 10		
Barium (ICPMS)	15.8	µg/L	< 1000		
Cadmium (ICPMS)	<0.15	µg/L	< 5		
Chromium (ICPMS)	<0.19	µg/L	< 50		
Copper (ICPMS)	12.2	µg/L	< 1000		
Lead (ICPMS)	0.10	µg/L	< 10		
Selenium (ICPMS)	<1.13	µg/L	< 10		
Uranium (ICPMS)	7.4	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		
<b>General Chemistry/Water Quality Panel</b>					104.00
Conductivity	1049	µS/cm	< 2300		
pH	7.6	pH Units	7.0 - 10.5		
Total Alkalinity	310	mg/L CaCO3	< 500		
Phenol Alkalinity	0.00	mg/L CaCO3	No Guideline		
Bicarbonate	378	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	10.7	mg/L	< 250		
Fluoride Dissolved	0.22	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	279.7	mg/L	< 500		
Total Hardness (Calculated)	619	mg/L CaCO3	< 800		
Total Dissolved Solids	911	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	149	mg/L	No Guideline		
Magnesium	60	mg/L	< 200		
Potassium	7	mg/L	No Guideline		
Sodium	26	mg/L	< 300		