

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b>	1135674	<b>Collected Date:</b>	19-Jan-2021 10:00 AM
<b>Sample Location:</b>	WTP	<b>Received:</b>	19-Jan-2021 1:58 PM
<b>Collected by:</b>	Eric	<b>Reported:</b>	22-Jan-2021 10:54 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>					<b>92.50</b>
Boron	0.1	mg/L	< 5.0		
Aluminum (ICPMS)	<6.96	µg/L	No Guideline		
Arsenic (ICPMS)	0.50	µg/L	< 10		
Barium (ICPMS)	16.9	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)	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>					<b>104.00</b>
Conductivity	1042	µS/cm	< 2300		
pH	7.8	pH Units	7.0 - 10.5		
Total Alkalinity	311	mg/L CaCO3	< 500		
Phenol Alkalinity	0.00	mg/L CaCO3	No Guideline		
Bicarbonate	379	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	10.0	mg/L	< 250		
Fluoride Dissolved	0.23	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	286.7	mg/L	< 500		
Total Hardness (Calculated)	629	mg/L CaCO3	< 800		
Total Dissolved Solids	917	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	148	mg/L	No Guideline		
Magnesium	63	mg/L	< 200		
Potassium	5	mg/L	No Guideline		
Sodium	25	mg/L	< 300		