

Environmental Services Analysis Report - Final

Invoice Number: 1140769
Sample Location: Montgomery Well
Collected by:

Collected Date: 09-Jun-2021 11:00 AM
Received: 10-Jun-2021 10:35 AM
Reported: 21-Jun-2021 1:18 PM
Water Source: Well

Submitted By:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Invoice:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Sodium Absorption Ratio	64.1				0.00
General Chemistry/Water Quality Panel					
Conductivity	2644	µS/cm	< 2300		
pH	8.3	pH Units	7.0 - 10.5		
Total Alkalinity	688	mg/L CaCO ₃	< 500		
Phenol Alkalinity	0.00	mg/L CaCO ₃	No Guideline		
Bicarbonate	839	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	470.8	mg/L	< 250		
Fluoride Dissolved	0.82	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	<0.9	mg/L	< 500		
Total Hardness (Calculated)	17	mg/L CaCO ₃	< 800		
Total Dissolved Solids	1926	mg/L	< 1500		
Iron	0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	5	mg/L	No Guideline		
Magnesium	1	mg/L	< 200		
Potassium	8	mg/L	No Guideline		
Sodium	601	mg/L	< 300		

Environmental Services Analysis Report - Final

Invoice Number: 1140772
Sample Location: Thorhaug Well
Collected by: Michel Cayer

Collected Date: 09-Jun-2021 10:30 AM
Received: 10-Jun-2021 10:40 AM
Reported: 21-Jun-2021 1:18 PM
Water Source: Well

Submitted By:
WILLOW BUNCH RM OF
RM 42
BOX 220
WILLOW BUNCH, SK
S0H 4K0

Invoice:
WILLOW BUNCH RM OF
RM 42
BOX 220
WILLOW BUNCH, SK
S0H 4K0

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Sodium Absorption Ratio	0.4				0.00
General Chemistry/Water Quality Panel					
Conductivity	1162	µS/cm	< 2300		
pH	7.2	pH Units	7.0 - 10.5		
Total Alkalinity	509	mg/L CaCO ₃	< 500		
Phenol Alkalinity	0.00	mg/L CaCO ₃	No Guideline		
Bicarbonate	621	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	2.4	mg/L	< 250		
Fluoride Dissolved	0.22	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	183.1	mg/L	< 500		
Total Hardness (Calculated)	674	mg/L CaCO ₃	< 800		
Total Dissolved Solids	1061	mg/L	< 1500		
Iron	1.8	mg/L	< 0.3		
Manganese	0.44	mg/L	< 0.05		
Calcium	153	mg/L	No Guideline		
Magnesium	71	mg/L	< 200		
Potassium	5	mg/L	No Guideline		
Sodium	25	mg/L	< 300		

Environmental Services Analysis Report - Final

Invoice Number: 1140771
Sample Location: Sabourin
Collected by: Michel Cayer

Collected Date: 09-Jun-2021 10:00 AM
Received: 10-Jun-2021 10:39 AM
Reported: 21-Jun-2021 1:18 PM
Water Source: Well

Submitted By:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Invoice:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Sodium Absorption Ratio	54.6				0.00
General Chemistry/Water Quality Panel					
Conductivity	1789	µS/cm	< 2300		
pH	8.4	pH Units	7.0 - 10.5		
Total Alkalinity	657	mg/L CaCO ₃	< 500		
Phenol Alkalinity	4.69	mg/L CaCO ₃	No Guideline		
Bicarbonate	790	mg/L	No Guideline		
Carbonate	6	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	203.4	mg/L	< 250		
Fluoride Dissolved	1.10	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	2.8	mg/L	< 500		
Total Hardness (Calculated)	12	mg/L CaCO ₃	< 800		
Total Dissolved Solids	1438	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	<0.01	mg/L	< 0.05		
Calcium	3	mg/L	No Guideline		
Magnesium	<1	mg/L	< 200		
Potassium	4	mg/L	No Guideline		
Sodium	428	mg/L	< 300		

Environmental Services Analysis Report - Final

Invoice Number: 1140770
Sample Location: Town RM Well
Collected by: Michel Cayer

Collected Date: 09-Jun-2021 11:30 AM
Received: 10-Jun-2021 10:38 AM
Reported: 21-Jun-2021 1:18 PM
Water Source: Well

Submitted By:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Invoice:
 WILLOW BUNCH RM OF
 RM 42
 BOX 220
 WILLOW BUNCH, SK
 S0H 4K0

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Sodium Absorption Ratio	1.9				0.00
General Chemistry/Water Quality Panel					
Conductivity	1936	µS/cm	< 2300		
pH	7.0	pH Units	7.0 - 10.5		
Total Alkalinity	615	mg/L CaCO ₃	< 500		
Phenol Alkalinity	0.00	mg/L CaCO ₃	No Guideline		
Bicarbonate	750	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	2.9	mg/L	< 250		
Fluoride Dissolved	0.06	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	588.6	mg/L	< 500		
Total Hardness (Calculated)	984	mg/L CaCO ₃	< 800		
Total Dissolved Solids	1817	mg/L	< 1500		
Iron	0.3	mg/L	< 0.3		
Manganese	0.34	mg/L	< 0.05		
Calcium	221	mg/L	No Guideline		
Magnesium	105	mg/L	< 200		
Potassium	14	mg/L	No Guideline		
Sodium	135	mg/L	< 300		