

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167913	<b>Collected Date:</b> 21-Apr-2023 12:00 AM
<b>Sample Location:</b> Munns	<b>Received:</b> 25-Apr-2023 10:14 AM
<b>Collected by:</b> RM Craik	<b>Reported:</b> 27-Apr-2023 3:27 PM
	<b>Water Source:</b> Well

**Submitted By:**  
MINISTRY OF AGRICULTURE  
45 THATCHER DR  
MOOSE JAW, SK  
S6J 1L8

**Invoice:**  
MINISTRY OF AGRICULTURE  
45 THATCHER DR  
MOOSE JAW, SK  
S6J 1L8

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
General Chemistry/Water Quality Panel					0.00
Conductivity	1692	µS/cm	< 2300		
pH	7.3	pH Units	7.0 - 10.5		
Total Alkalinity	352	mg/L CaCO <sub>3</sub>	< 500		
Phenol Alkalinity	0.000	mg/L CaCO <sub>3</sub>	No Guideline		
Bicarbonate	429	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	13.5	mg/L	< 250		
Fluoride Dissolved	0.14	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	662.4	mg/L	< 500		
Total Hardness (Calculated)	916	mg/L CaCO <sub>3</sub>	< 800		
Total Dissolved Solids	1490	mg/L	< 1500		
Iron	8.6	mg/L	< 0.3		
Manganese	0.96	mg/L	< 0.05		
Calcium	197	mg/L	No Guideline		
Magnesium	103	mg/L	< 200		
Potassium	14	mg/L	No Guideline		
Sodium	71	mg/L	< 300		

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b>	1187913	<b>Collected Date:</b>	21-Apr-2023 12:00 AM
<b>Sample Location:</b>	Munns	<b>Received:</b>	25-Apr-2023 10:14 AM
<b>Collected by:</b>	RM Craik	<b>Reported:</b>	27-Apr-2023 3:27 PM
		<b>Water Source:</b>	Well

**Submitter Phone Number:** 306-694-8953

**Emailed results to:** aginfo@gov.sk.ca

**NO PAPER COPY REQUESTED**

**Comments:**

Is this water used for livestock? For information on livestock water quality guidelines contact the Agriculture Knowledge Centre (AKC) Phone: 1-866-457-2377 Email: aginfo@gov.sk.ca

Please include  
Invoice Number  
with payment  
and remit to

**Saskatchewan Health Authority  
c/o Finance  
2180 23rd Avenue  
Regina, Saskatchewan  
S4S 0A5**

Total Fees (including GST)	0.00
Tax Summary	0.00
G.S.T. (reg # 89583 0180 RT001)	
Amount Received (Payment Exempt)	0.00

Refund to be issued by the Department of Finance.

<b>Balance</b>	<b>Payment Exempt</b>
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**Contact Us:**

*Result Interpretation:* Please contact your Five Hills Public Health Officer at (306) 691-1500  
*Billing Inquiries:* Phone: 1-833-989-5353, Email: shaar@saskhealthauthority.ca

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167917	<b>Collected Date:</b> 21-Apr-2023 12:00 AM
<b>Sample Location:</b> Aylesbury	<b>Received:</b> 25-Apr-2023 10:21 AM
<b>Collected by:</b> RM Craik	<b>Reported:</b> 26-Apr-2023 2:41 PM
	<b>Water Source:</b> Well

<b>Submitted By:</b>	<b>Invoice:</b>
MINISTRY OF AGRICULTURE	MINISTRY OF AGRICULTURE
45 THATCHER DR	45 THATCHER DR
MOOSE JAW, SK	MOOSE JAW, SK
S6J 1L8	S6J 1L8

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
General Chemistry/Water Quality Panel					0.00
Conductivity	1587	µS/cm	< 2300		
pH	7.6	pH Units	7.0 - 10.5		
Total Alkalinity	349	mg/L CaCO <sub>3</sub>	< 500		
Phenol Alkalinity	0.000	mg/L CaCO <sub>3</sub>	No Guideline		
Bicarbonate	426	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	11.7	mg/L	< 250		
Fluoride Dissolved	0.35	mg/L	< 1.5		
Nitrate Dissolved	11.8	mg/L	< 45		
Sulfate Dissolved	591.8	mg/L	< 500		
Total Hardness (Calculated)	899	mg/L CaCO <sub>3</sub>	< 800		
Total Dissolved Solids	1401	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	0.04	mg/L	< 0.05		
Calcium	187	mg/L	No Guideline		
Magnesium	105	mg/L	< 200		
Potassium	11	mg/L	No Guideline		
Sodium	57	mg/L	< 300		

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b>	1167917	<b>Collected Date:</b>	21-Apr-2023 12:00 AM
<b>Sample Location:</b>	Aylesbury	<b>Received:</b>	25-Apr-2023 10:21 AM
<b>Collected by:</b>	RM Craik	<b>Reported:</b>	26-Apr-2023 2:41 PM
		<b>Water Source:</b>	Well

**Submitter Phone Number:** 306-694-8953

**Emailed results to:** aginfo@gov.sk.ca

**NO PAPER COPY REQUESTED**

**Comments:**

Is this water used for livestock? For information on livestock water quality guidelines contact the Agriculture Knowledge Centre (AKC) Phone: 1-866-457-2377 Email: aginfo@gov.sk.ca

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Invoice Number  
with payment  
and remit to:

**Saskatchewan Health Authority**  
**c/o Finance**  
**2180 23rd Avenue**  
**Regina, Saskatchewan**  
**S4S 0A5**

Total Fees (including GST)	0.00
Tax Summary	0.00
G.S.T. (reg # 89583 0180 RT001)	
Amount Received; (Payment Exempt)	0.00

Refund to be issued by the Department of Finance.

<b>Balance</b>	<b>Payment Exempt</b>
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**Contact Us:**

*Result Interpretation:* Please contact your Five Hills Public Health Officer at: (306) 691-1500  
*Billing Inquiries:* Phone: 1-833-989-5353. Email: shaar@saskhealthauthority.ca

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167918	<b>Collected Date:</b> 21-Apr-2023 12:00 AM
<b>Sample Location:</b> Kearns	<b>Received:</b> 25-Apr-2023 10:20 AM
<b>Collected by:</b> RM Craik	<b>Reported:</b> 26-Apr-2023 2:41 PM
	<b>Water Source:</b> Well

<b>Submitted By:</b> MINISTRY OF AGRICULTURE 45 THATCHER DR MOOSE JAW, SK S6J 1L8	<b>Invoice:</b> MINISTRY OF AGRICULTURE 45 THATCHER DR MOOSE JAW, SK S6J 1L8
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Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
General Chemistry/Water Quality Panel					0.00
Conductivity	2014	µS/cm	< 2300		
pH	7.4	pH Units	7.0 - 10.5		
Total Alkalinity	388	mg/L CaCO <sub>3</sub>	< 500		
Phenol Alkalinity	0.000	mg/L CaCO <sub>3</sub>	No Guideline		
Bicarbonate	473	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	11.0	mg/L	< 250		
Fluoride Dissolved	0.21	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	800.1	mg/L	< 500		
Total Hardness (Calculated)	790	mg/L CaCO <sub>3</sub>	< 800		
Total Dissolved Solids	1775	mg/L	< 1500		
Iron	2.5	mg/L	< 0.3		
Manganese	0.47	mg/L	< 0.05		
Calcium	178	mg/L	No Guideline		
Magnesium	84	mg/L	< 200		
Potassium	14	mg/L	No Guideline		
Sodium	215	mg/L	< 300		

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b>	1167916	<b>Collected Date:</b>	21-Apr-2023 12:00 AM
<b>Sample Location:</b>	Kearns	<b>Received:</b>	25-Apr-2023 10:20 AM
<b>Collected by:</b>	RM Craik	<b>Reported:</b>	26-Apr-2023 2:41 PM
		<b>Water Source:</b>	Well

**Submitter Phone Number:** 306-694-8953

**Emailed results to:** aginfo@gov.sk.ca

**NO PAPER COPY REQUESTED**

**Comments:**

Is this water used for livestock? For information on livestock water quality guidelines contact the Agriculture Knowledge Centre (AKC) Phone: 1-866-457-2377 Email: aginfo@gov.sk.ca

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and remit to

**Saskatchewan Health Authority**  
**c/o Finance**  
**2180 23rd Avenue**  
**Regina, Saskatchewan**  
**S4S 0A5**

Total Fees (including GST)	0.00
Tax Summary	0.00
G.S.T. (reg # 89593 0189 RT001)	
Amount Received: (Payment Exempt)	0.00

Refund to be issued by the Department of Finance.

<b>Balance</b>	<b>Payment Exempt</b>
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**Contact Us:**

*Result Interpretation:* Please contact your Five Hills Public Health Officer at: (306) 691-1500  
*Billing Inquiries* Phone: 1-833-989-5353, Email: shaar@saskhealthauthority.ca

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167914	<b>Collected Date:</b> 21-Apr-2023 12:00 AM
<b>Sample Location:</b> LA Grant	<b>Received:</b> 25-Apr-2023 10:17 AM
<b>Collected by:</b>	<b>Reported:</b> 26-Apr-2023 2:41 PM
	<b>Water Source:</b> Well

<b>Submitted By:</b>	<b>Invoice:</b>
MINISTRY OF AGRICULTURE	MINISTRY OF AGRICULTURE
45 THATCHER DR	45 THATCHER DR
MOOSE JAW, SK	MOOSE JAW, SK
S6J 1L8	S6J 1L8

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
General Chemistry/Water Quality Panel					0.00
Conductivity	1553	µS/cm	< 2300		
pH	7.6	pH Units	7.0 - 10.5		
Total Alkalinity	306	mg/L CaCO <sub>3</sub>	< 500		
Phenol Alkalinity	0.000	mg/L CaCO <sub>3</sub>	No Guideline		
Bicarbonate	373	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	12.0	mg/L	< 250		
Fluoride Dissolved	0.18	mg/L	< 1.5		
Nitrate Dissolved	2.3	mg/L	< 45		
Sulfate Dissolved	621.6	mg/L	< 500		
Total Hardness (Calculated)	877	mg/L CaCO <sub>3</sub>	< 800		
Total Dissolved Solids	1367	mg/L	< 1500		
Iron	<0.1	mg/L	< 0.3		
Manganese	0.04	mg/L	< 0.05		
Calcium	193	mg/L	No Guideline		
Magnesium	96	mg/L	< 200		
Potassium	11	mg/L	No Guideline		
Sodium	58	mg/L	< 300		

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167914 <b>Sample Location:</b> LA Grant <b>Collected by:</b>	<b>Collected Date:</b> 21-Apr-2023 12:00 AM <b>Received:</b> 25-Apr-2023 10:17 AM <b>Reported:</b> 26-Apr-2023 2:41 PM <b>Water Source:</b> Well
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**Submitter Phone Number:** 306-694-8953

**Emailed results to:** aginfo@gov.sk.ca

**NO PAPER COPY REQUESTED**

**Comments:**

Is this water used for livestock? For information on livestock water quality guidelines contact the Agriculture Knowledge Centre (AKC) Phone: 1-866-457-2377 Email: aginfo@gov.sk.ca

Please include  
invoice number  
with payment  
and remit to:

**Saskatchewan Health Authority  
c/o Finance  
2180 23rd Avenue  
Regina, Saskatchewan  
S4S 0A5**

Total Fees (including GST)	0.00
Tax Summary	0.00
G.S.T. (reg # 89583 0160 RT001)	
Amount Received (Payment Exempt)	0.00

Refund to be issued by the Department of Finance.

<b>Balance</b>	<b>Payment Exempt</b>
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**Contact Us:**

*Result Interpretation:* Please contact your Five Hills Public Health Officer at: (306) 691-1500  
*Billing Inquiries:* Phone: 1-833-989-5353, Email: shaar@saskhealthauthority.ca



## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167915	<b>Collected Date:</b> 20-Apr-2023 12:00 AM
<b>Sample Location:</b> Muirhead	<b>Received:</b> 25-Apr-2023 10:18 AM
<b>Collected by:</b> RM Craik	<b>Reported:</b> 26-Apr-2023 2:41 PM
	<b>Water Source:</b> Well

<b>Submitted By:</b>	<b>Invoice:</b>
MINISTRY OF AGRICULTURE	MINISTRY OF AGRICULTURE
45 THATCHER DR	45 THATCHER DR
MOOSE JAW, SK	MOOSE JAW, SK
S6J 1L8	S6J 1L8

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
General Chemistry/Water Quality Panel					0.00
Conductivity	1595	µS/cm	< 2300		
pH	7.8	pH Units	7.0 - 10.5		
Total Alkalinity	405	mg/L CaCO <sub>3</sub>	< 500		
Phenol Alkalinity	0.000	mg/L CaCO <sub>3</sub>	No Guideline		
Bicarbonate	494	mg/L	No Guideline		
Carbonate	0	mg/L	No Guideline		
Hydroxide	0	mg/L	No Guideline		
Chloride Dissolved	13.1	mg/L	< 250		
Fluoride Dissolved	0.12	mg/L	< 1.5		
Nitrate Dissolved	<0.2	mg/L	< 45		
Sulfate Dissolved	518.7	mg/L	< 500		
Total Hardness (Calculated)	686	mg/L CaCO <sub>3</sub>	< 800		
Total Dissolved Solids	1403	mg/L	< 1500		
Iron	0.7	mg/L	< 0.3		
Manganese	0.53	mg/L	< 0.05		
Calcium	169	mg/L	No Guideline		
Magnesium	64	mg/L	< 200		
Potassium	8	mg/L	No Guideline		
Sodium	136	mg/L	< 300		

## Environmental Services Analysis Report - Final

<b>Invoice Number:</b> 1167915	<b>Collected Date:</b> 20-Apr-2023 12:00 AM
<b>Sample Location:</b> Muirhead	<b>Received:</b> 25-Apr-2023 10:18 AM
<b>Collected by:</b> RM Craik	<b>Reported:</b> 26-Apr-2023 2:41 PM
	<b>Water Source:</b> Well

**Submitter Phone Number:** 306-694-8953

**Emailed results to:** aginfo@gov.sk.ca

**NO PAPER COPY REQUESTED**

**Comments:**

Is this water used for livestock? For information on livestock water quality guidelines contact the Agriculture Knowledge Centre (AKC) Phone: 1-866-457-2377 Email: aginfo@gov.sk.ca

Please include  
Invoice Number  
with payment  
and remit to:

**Saskatchewan Health Authority  
c/o Finance  
2180 23rd Avenue  
Regina, Saskatchewan  
S4S 0A5**

Total Fees (including GST)	0.00
Tax Summary	0.00
G S T (reg # 89583 0180 RT001)	
Amount Received: (Payment Exempt)	0.00

Refund to be issued by the Department of Finance.

<b>Balance</b>	<b>Payment Exempt</b>
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**Contact Us:**

*Result Interpretation:* Please contact your Five Hills Public Health Officer at: (306) 691-1500  
*Billing Inquiries:* Phone: 1-833-989-5353, Email: shaar@saskhealthauthority.ca