

**Water Security Agency**

<b>Land Location:</b>	NE-13-34-08-19W3	<b>NTS Map:</b>	72F/10
<b>UTM Coordinates:</b>	Z13 247068 E 5510902 N	<b>RM No.:</b>	79
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	7-Nov-66	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Shaunavon	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	15.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	26588	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Eastend-Ravenscrag
<b>Laboratory:</b>		<b>Aquifer name:</b>	Eastend-Ravenscrag

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	6.9	Aluminum (Al)	
Magnesium (Mg)	1.9	Antimony (Sb)	
Sodium (Na)	310	As (arsenic) (µg/L)	
Potassium (K)	5.8	Barium (Ba)	
Carbonate (CO3)	36.7	Beryllium (Be)	
Bicarbonate (HCO3)	393	Boron (B)	
Sulphate (SO4)	314	Cadmium (Cd)	
Chloride (Cl)	8.6	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	0.6	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	8.32	Nickel (Ni)	
Conductivity (uS/cm)	1290	Selenium (Se)	
Sum of Ions	1077	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	24.9	Tin (Sn)	
Total Alkalinity (as CaCO3)	383	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

All values in mg/L, unless indicated otherwise

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<b>Land Location:</b>	NE-13-34-08-19W3	<b>NTS Map:</b>	72F/10
<b>UTM Coordinates:</b>	Z13 247068 E 5510902 N	<b>RM No.:</b>	79
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	17-Jul-70	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Shaunavon	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	15.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	26588	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Eastend-Ravenscrag
<b>Laboratory:</b>		<b>Aquifer name:</b>	Eastend-Ravenscrag

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	5.2	Aluminum (Al)	
Magnesium (Mg)	2.7	Antimony (Sb)	
Sodium (Na)	312	As (arsenic) (µg/L)	
Potassium (K)	4	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	460	Boron (B)	
Sulphate (SO4)	334	Cadmium (Cd)	
Chloride (Cl)	7	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<2	Copper (Cu)	
Total Iron (Fe)	0.5	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.45	Nickel (Ni)	
Conductivity (uS/cm)	1520	Selenium (Se)	
Sum of Ions	1125	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	24	Tin (Sn)	
Total Alkalinity (as CaCO3)	377	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

All values in mg/L, unless indicated otherwise

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<b>Land Location:</b>	NE-13-34-08-19W3	<b>NTS Map:</b>	72F/10
<b>UTM Coordinates:</b>	Z13 247068 E 5510902 N	<b>RM No.:</b>	79
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	25-Jul-78	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Shaunavon	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	15.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	26588	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Eastend-Ravenscrag
<b>Laboratory:</b>		<b>Aquifer name:</b>	Eastend-Ravenscrag

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	83	Aluminum (Al)	
Magnesium (Mg)	39	Antimony (Sb)	
Sodium (Na)	318	As (arsenic) (µg/L)	
Potassium (K)	4.1	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	220	Boron (B)	
Sulphate (SO4)	609	Cadmium (Cd)	
Chloride (Cl)	222	Chromium (Cr)	
Fluoride (F)	0.63	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.96	Copper (Cu)	
Total Iron (Fe)	3.8	Lead (Pb)	
Manganese (Mn)	1.7	Molybdenum (Mo)	
pH (pH units)	7.46	Nickel (Ni)	
Conductivity (uS/cm)	2647	Selenium (Se)	
Sum of Ions	1496	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	368	Tin (Sn)	
Total Alkalinity (as CaCO3)	180	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

All values in mg/L, unless indicated otherwise

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<b>Land Location:</b>	NE-13-34-08-19W3	<b>NTS Map:</b>	72F/10
<b>UTM Coordinates:</b>	Z13 247068 E 5510902 N	<b>RM No.:</b>	79
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	27-Sep-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Shaunavon	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	15.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	26588	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Eastend-Ravenscrag
<b>Laboratory:</b>		<b>Aquifer name:</b>	Eastend-Ravenscrag

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	5.9	Aluminum (Al)	
Magnesium (Mg)	2.8	Antimony (Sb)	
Sodium (Na)	271	As (arsenic) (µg/L)	
Potassium (K)	2.6	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	381	Boron (B)	
Sulphate (SO4)	298	Cadmium (Cd)	
Chloride (Cl)	7.2	Chromium (Cr)	
Fluoride (F)	0.16	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	0.92	Lead (Pb)	
Manganese (Mn)	0.04	Molybdenum (Mo)	
pH (pH units)	8.11	Nickel (Ni)	
Conductivity (uS/cm)	1260	Selenium (Se)	
Sum of Ions	969	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	26	Tin (Sn)	
Total Alkalinity (as CaCO3)	312	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

All values in mg/L, unless indicated otherwise

**Water Security Agency**

<b>Land Location:</b>	NE-13-34-08-19W3	<b>NTS Map:</b>	72F/10
<b>UTM Coordinates:</b>	Z13 247068 E 5510902 N	<b>RM No.:</b>	79
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	3-Nov-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Shaunavon	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	15.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	26588	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Eastend-Ravenscrag
<b>Laboratory:</b>		<b>Aquifer name:</b>	Eastend-Ravenscrag

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	4.3	Aluminum (Al)	0.0010
Magnesium (Mg)	1.7	Antimony (Sb)	< 0.0002
Sodium (Na)	311	As (arsenic) (µg/L)	< 0.0001
Potassium (K)	2.9	Barium (Ba)	0.01
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	440	Boron (B)	0.1
Sulphate (SO4)	330	Cadmium (Cd)	< 0.0005
Chloride (Cl)	5	Chromium (Cr)	< 0.005
Fluoride (F)	0.12	Cobalt (Co)	0.0005
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	4.6	Lead (Pb)	< 0.0001
Manganese (Mn)	0.051	Molybdenum (Mo)	0.0014
pH (pH units)	8.27	Nickel (Ni)	0.0032
Conductivity (uS/cm)	1300	Selenium (Se)	< 0.0001
Sum of Ions	1095	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	892	Strontium (Sr)	0.027
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	18	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	361	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0001
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	9.2	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00101		

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