

**Water Security Agency**

<b>Land Location:</b>	SW-4-15-31-08W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 357126 E 5724108 N	<b>RM No.:</b>	315
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	10-Dec-71	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Swanson	<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>	9.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	97	Aluminum (Al)	
Magnesium (Mg)	24	Antimony (Sb)	
Sodium (Na)	14	As (arsenic) (µg/L)	
Potassium (K)	1.6	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	394	Boron (B)	
Sulphate (SO4)	56	Cadmium (Cd)	
Chloride (Cl)	1	Chromium (Cr)	
Fluoride (F)	0.05	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.1	Copper (Cu)	
Total Iron (Fe)	1.8	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.45	Nickel (Ni)	
Conductivity (uS/cm)	650	Selenium (Se)	
Sum of Ions	588	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	341	Tin (Sn)	
Total Alkalinity (as CaCO3)	323	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

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<b>Land Location:</b>	SW-4-15-31-08W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 357126 E 5724108 N	<b>RM No.:</b>	315
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	1-Nov-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Swanson	<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>	9.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	82	Aluminum (Al)	
Magnesium (Mg)	25	Antimony (Sb)	
Sodium (Na)	21	As (arsenic) (µg/L)	
Potassium (K)	1.2	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	396	Boron (B)	
Sulphate (SO4)	32	Cadmium (Cd)	
Chloride (Cl)	2.4	Chromium (Cr)	
Fluoride (F)	0.17	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	2.3	Lead (Pb)	
Manganese (Mn)	0.66	Molybdenum (Mo)	
pH (pH units)	7.98	Nickel (Ni)	
Conductivity (uS/cm)	677	Selenium (Se)	
Sum of Ions	560	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	307	Tin (Sn)	
Total Alkalinity (as CaCO3)	324	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

**Water Security Agency**

<b>Land Location:</b>	SW-4-15-31-08W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 357126 E 5724108 N	<b>RM No.:</b>	315
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	22-Aug-84	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Swanson	<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>	9.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	87	Aluminum (Al)	
Magnesium (Mg)	29	Antimony (Sb)	
Sodium (Na)	21	As (arsenic) (µg/L)	
Potassium (K)	2.3	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	400	Boron (B)	
Sulphate (SO4)	45	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)	0.34	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	1.6	Lead (Pb)	
Manganese (Mn)	0.62	Molybdenum (Mo)	
pH (pH units)	7.8	Nickel (Ni)	
Conductivity (uS/cm)	694	Selenium (Se)	
Sum of Ions	589	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	335	Tin (Sn)	
Total Alkalinity (as CaCO3)	328	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)	0.004		

All values in mg/L, unless indicated otherwise

**Water Security Agency**

<b>Land Location:</b>	SW-4-15-31-08W3	<b>NTS Map:</b>	720/11
<b>UTM Coordinates:</b>	Z13 357126 E 5724108 N	<b>RM No.:</b>	315
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	23-Sep-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Swanson	<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>	9.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	92	Aluminum (Al)	0.0011
Magnesium (Mg)	23	Antimony (Sb)	< 0.0002
Sodium (Na)	20	As (arsenic) (µg/L)	0.004
Potassium (K)	2.3	Barium (Ba)	0.19
Carbonate (CO3)	< 1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	407	Boron (B)	0.04
Sulphate (SO4)	46	Cadmium (Cd)	< 0.0005
Chloride (Cl)	2	Chromium (Cr)	< 0.005
Fluoride (F)	0.15	Cobalt (Co)	0.0006
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	3.2	Lead (Pb)	< 0.0001
Manganese (Mn)	0.5	Molybdenum (Mo)	0.0017
pH (pH units)	7.77	Nickel (Ni)	0.0011
Conductivity (uS/cm)	676	Selenium (Se)	< 0.0001
Sum of Ions	592	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	422	Strontium (Sr)	0.27
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	324	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	334	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0039
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	55	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00432		

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