

**Water Security Agency**

<b>Land Location:</b>	NW-12-15-18-20W2	<b>NTS Map:</b>	72I/10
<b>UTM Coordinates:</b>	Z13 522310 E 5596875 N	<b>RM No.:</b>	159
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	18-Feb-78	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Regina 530	<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>	38.3	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	56992	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Regina aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	91	Aluminum (Al)	
Magnesium (Mg)	34	Antimony (Sb)	
Sodium (Na)	13	As (arsenic) (µg/L)	
Potassium (K)	4.2	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	314	Boron (B)	
Sulphate (SO4)	128	Cadmium (Cd)	
Chloride (Cl)	5.2	Chromium (Cr)	
Fluoride (F)	0.16	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.04	Copper (Cu)	
Total Iron (Fe)	0.27	Lead (Pb)	
Manganese (Mn)	0.6	Molybdenum (Mo)	
pH (pH units)	7.64	Nickel (Ni)	
Conductivity (uS/cm)	668	Selenium (Se)	
Sum of Ions	589	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	367	Tin (Sn)	
Total Alkalinity (as CaCO3)	257	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>	NW-12-15-18-20W2	<b>NTS Map:</b>	72I/10
<b>UTM Coordinates:</b>	Z13 522310 E 5596875 N	<b>RM No.:</b>	159
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	31-Aug-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Regina 530	<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>	38.3	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	56992	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Regina aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	90	Aluminum (Al)	
Magnesium (Mg)	31	Antimony (Sb)	
Sodium (Na)	12	As (arsenic) (µg/L)	
Potassium (K)	4.1	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	292	Boron (B)	
Sulphate (SO4)	112	Cadmium (Cd)	
Chloride (Cl)	14	Chromium (Cr)	
Fluoride (F)	0.1	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	0.43	Lead (Pb)	
Manganese (Mn)	0.55	Molybdenum (Mo)	
pH (pH units)	7.74	Nickel (Ni)	
Conductivity (uS/cm)	661	Selenium (Se)	
Sum of Ions	555	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	351	Tin (Sn)	
Total Alkalinity (as CaCO3)	239	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>	NW-12-15-18-20W2	<b>NTS Map:</b>	72I/10
<b>UTM Coordinates:</b>	Z13 522310 E 5596875 N	<b>RM No.:</b>	159
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	6-Dec-93	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Regina 530	<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>	38.3	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	56992	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Regina aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	93	Aluminum (Al)	
Magnesium (Mg)	33	Antimony (Sb)	
Sodium (Na)	15	As (arsenic) (µg/L)	
Potassium (K)	4.4	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	312	Boron (B)	
Sulphate (SO4)	122	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.04	Copper (Cu)	
Total Iron (Fe)	0.32	Lead (Pb)	
Manganese (Mn)	0.47	Molybdenum (Mo)	
pH (pH units)	7.46	Nickel (Ni)	
Conductivity (uS/cm)	678	Selenium (Se)	
Sum of Ions	583	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	368	Tin (Sn)	
Total Alkalinity (as CaCO3)	256	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>	NW-12-15-18-20W2	<b>NTS Map:</b>	721/10
<b>UTM Coordinates:</b>	Z13 522310 E 5596875 N	<b>RM No.:</b>	159
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	17-Oct-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Regina 530	<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>	38.3	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	56992	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Regina aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	90	Aluminum (Al)	0.0010
Magnesium (Mg)	31	Antimony (Sb)	< 0.0002
Sodium (Na)	13	As (arsenic) (µg/L)	0.0008
Potassium (K)	4.2	Barium (Ba)	0.05
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	312	Boron (B)	0.05
Sulphate (SO4)	120	Cadmium (Cd)	< 0.0005
Chloride (Cl)	1	Chromium (Cr)	< 0.005
Fluoride (F)	0.13	Cobalt (Co)	0.0004
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	0.62	Lead (Pb)	< 0.0001
Manganese (Mn)	0.43	Molybdenum (Mo)	0.0024
pH (pH units)	7.95	Nickel (Ni)	< 0.0001
Conductivity (uS/cm)	662	Selenium (Se)	< 0.0001
Sum of Ions	571	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	452	Strontium (Sr)	0.3
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	352	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	256	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0066
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	8.6	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00762		

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