

**Water Security Agency**

<b>Land Location:</b>	NW-4-23-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339627 E 5716787 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	26-Nov-71	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 501	<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>	8.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32679	<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)	105	Aluminum (Al)	
Magnesium (Mg)	34	Antimony (Sb)	
Sodium (Na)	32	As (arsenic) (µg/L)	
Potassium (K)	10.6	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	323	Boron (B)	
Sulphate (SO4)	86	Cadmium (Cd)	
Chloride (Cl)	7	Chromium (Cr)	
Fluoride (F)	0.36	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	63	Copper (Cu)	
Total Iron (Fe)	2.8	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.65	Nickel (Ni)	
Conductivity (uS/cm)	880	Selenium (Se)	
Sum of Ions	661	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	404	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>	NW-4-23-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339627 E 5716787 N	<b>RM No.:</b>	285
<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 Conquest 501	<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>	8.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32679	<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)	90	Aluminum (Al)	
Magnesium (Mg)	27	Antimony (Sb)	
Sodium (Na)	16	As (arsenic) (µg/L)	
Potassium (K)	1.9	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	374	Boron (B)	
Sulphate (SO4)	68	Cadmium (Cd)	
Chloride (Cl)	5.6	Chromium (Cr)	
Fluoride (F)	0.37	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	84.17	Copper (Cu)	
Total Iron (Fe)	0.07	Lead (Pb)	
Manganese (Mn)	0.4	Molybdenum (Mo)	
pH (pH units)	7.99	Nickel (Ni)	
Conductivity (uS/cm)	850	Selenium (Se)	
Sum of Ions	667	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	336	Tin (Sn)	
Total Alkalinity (as CaCO3)	306	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-4-23-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339627 E 5716787 N	<b>RM No.:</b>	285
<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 Conquest 501	<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>	8.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32679	<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)	88	Aluminum (Al)	
Magnesium (Mg)	39	Antimony (Sb)	
Sodium (Na)	36	As (arsenic) (µg/L)	
Potassium (K)	3.8	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	371	Boron (B)	
Sulphate (SO4)	73	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)	0.47	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	70.88	Copper (Cu)	
Total Iron (Fe)	0.04	Lead (Pb)	
Manganese (Mn)	0.38	Molybdenum (Mo)	
pH (pH units)	7.92	Nickel (Ni)	
Conductivity (uS/cm)	858	Selenium (Se)	
Sum of Ions	687	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	379	Tin (Sn)	
Total Alkalinity (as CaCO3)	304	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>	NW-4-23-30-10W3	<b>NTS Map:</b>	720/11
<b>UTM Coordinates:</b>	Z13 339627 E 5716787 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	31-Oct-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 501	<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>	8.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32679	<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)	84	Aluminum (Al)	0.0022
Magnesium (Mg)	29	Antimony (Sb)	< 0.0002
Sodium (Na)	31	As (arsenic) (µg/L)	0.0001
Potassium (K)	3.3	Barium (Ba)	0.04
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	348	Boron (B)	0.08
Sulphate (SO4)	57	Cadmium (Cd)	< 0.0005
Chloride (Cl)	3	Chromium (Cr)	< 0.005
Fluoride (F)	0.42	Cobalt (Co)	0.0006
Nitrate - Nitrate (NO3, NO2 + NO3)	61	Copper (Cu)	< 0.0002
Total Iron (Fe)	0.92	Lead (Pb)	< 0.0001
Manganese (Mn)	0.33	Molybdenum (Mo)	0.0013
pH (pH units)	7.82	Nickel (Ni)	0.006
Conductivity (uS/cm)	688	Selenium (Se)	0.0001
Sum of Ions	616	Silver (Ag)	0.0002
Total Dissolved Solids (TDS)	329	Strontium (Sr)	0.44
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	285	Tin (Sn)	0.0001
Total Alkalinity (as CaCO3)	285	Titanium (Ti)	
		Uranium (U) (µg/L)	0.017
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	15	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00416		

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