

**Water Security Agency**

<b>Land Location:</b>	NW-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	25-Dec-67	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	391	Aluminum (Al)	
Magnesium (Mg)	246	Antimony (Sb)	
Sodium (Na)	169	As (arsenic) (µg/L)	
Potassium (K)	18	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	567	Boron (B)	
Sulphate (SO4)	1830	Cadmium (Cd)	
Chloride (Cl)	31	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	16.6	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.02	Nickel (Ni)	
Conductivity (uS/cm)	3100	Selenium (Se)	
Sum of Ions	3252	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1987	Tin (Sn)	
Total Alkalinity (as CaCO3)	465	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-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	16-Jun-70	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	390	Aluminum (Al)	
Magnesium (Mg)	248	Antimony (Sb)	
Sodium (Na)	175	As (arsenic) (µg/L)	
Potassium (K)	18	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	558	Boron (B)	
Sulphate (SO4)	1820	Cadmium (Cd)	
Chloride (Cl)	32	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	14.9	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.05	Nickel (Ni)	
Conductivity (uS/cm)	3400	Selenium (Se)	
Sum of Ions	3241	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1990	Tin (Sn)	
Total Alkalinity (as CaCO3)	460	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-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	18-Jul-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	391	Aluminum (Al)	
Magnesium (Mg)	269	Antimony (Sb)	
Sodium (Na)	187	As (arsenic) (µg/L)	
Potassium (K)	14	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	574	Boron (B)	
Sulphate (SO4)	1860	Cadmium (Cd)	
Chloride (Cl)	24	Chromium (Cr)	
Fluoride (F)	0.17	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	15	Lead (Pb)	
Manganese (Mn)	0.28	Molybdenum (Mo)	
pH (pH units)	7.48	Nickel (Ni)	
Conductivity (uS/cm)	3150	Selenium (Se)	
Sum of Ions	3319	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2080	Tin (Sn)	
Total Alkalinity (as CaCO3)	470	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-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	25-Jul-95	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	410	Aluminum (Al)	
Magnesium (Mg)	230	Antimony (Sb)	
Sodium (Na)	188	As (arsenic) (µg/L)	
Potassium (K)	13	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	554	Boron (B)	
Sulphate (SO4)	1860	Cadmium (Cd)	
Chloride (Cl)	29	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.04	Copper (Cu)	
Total Iron (Fe)	14	Lead (Pb)	
Manganese (Mn)	0.29	Molybdenum (Mo)	
pH (pH units)	7.01	Nickel (Ni)	
Conductivity (uS/cm)	3310	Selenium (Se)	
Sum of Ions	3284	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1970	Tin (Sn)	
Total Alkalinity (as CaCO3)	454	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-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	10-Nov-99	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	374	Aluminum (Al)	
Magnesium (Mg)	229	Antimony (Sb)	
Sodium (Na)	174	As (arsenic) (µg/L)	
Potassium (K)	14	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	542	Boron (B)	
Sulphate (SO4)	1790	Cadmium (Cd)	
Chloride (Cl)	35	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.18	Copper (Cu)	
Total Iron (Fe)	14	Lead (Pb)	
Manganese (Mn)	0.29	Molybdenum (Mo)	
pH (pH units)	7.58	Nickel (Ni)	
Conductivity (uS/cm)	3270	Selenium (Se)	
Sum of Ions	3158	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1870	Tin (Sn)	
Total Alkalinity (as CaCO3)	444	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-16-08-37-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 395232 E 5781261 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	21-Sep-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Saskatoon	<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>	27.1	<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>	Forestry Farm aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	342	Aluminum (Al)	0.0009
Magnesium (Mg)	243	Antimony (Sb)	< 0.0002
Sodium (Na)	173	As (arsenic) (µg/L)	0.0007
Potassium (K)	16	Barium (Ba)	0.01
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	587	Boron (B)	0.58
Sulphate (SO4)	1760	Cadmium (Cd)	< 0.0005
Chloride (Cl)	27	Chromium (Cr)	< 0.005
Fluoride (F)	0.16	Cobalt (Co)	0.0016
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	12	Lead (Pb)	< 0.0001
Manganese (Mn)	0.28	Molybdenum (Mo)	0.0043
pH (pH units)	7.56	Nickel (Ni)	0.0003
Conductivity (uS/cm)	3340	Selenium (Se)	0.0001
Sum of Ions	3148	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	3140	Strontium (Sr)	2.6
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	1850	Tin (Sn)	0.0001
Total Alkalinity (as CaCO3)	481	Titanium (Ti)	
		Uranium (U) (µg/L)	< 0.0001
Dissolved Organic Carbon (DOC)		Vanadium (V)	0.0001
Turbidity (NTU)	198	Zinc (Zn)	0.005
Perchlorate			
Iodine (I)	0.0454		

All values in mg/L, unless indicated otherwise