

Water Security Agency

Land Location:	30-17-19W2	NTS Map:	721/07
UTM Coordinates:	Z13 528621 E 5590433 N	RM No.:	0
Ground Elevation:		Source:	
Date Sampled:	17-Oct-05	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Regina Firehall	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	33.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	87410	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Upper Floral

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	89	Aluminum (Al)	<0.0005
Magnesium (Mg)	160	Antimony (Sb)	<0.0002
Sodium (Na)	115	As (arsenic) (µg/L)	0.13
Potassium (K)	4.2	Barium (Ba)	0.06
Carbonate (CO3)	<1	Beryllium (Be)	<0.0001
Bicarbonate (HCO3)	725	Boron (B)	0.47
Sulphate (SO4)	410	Cadmium (Cd)	<0.0005
Chloride (Cl)	67	Chromium (Cr)	<0.005
Fluoride (F)	0.29	Cobalt (Co)	0.0003
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	<0.0002
Total Iron (Fe)	2.2	Lead (Pb)	<0.0001
Manganese (Mn)	0.052	Molybdenum (Mo)	0.0003
pH (pH units)	7.99	Nickel (Ni)	<0.0001
Conductivity (uS/cm)	1740	Selenium (Se)	0.0001
Sum of Ions	1570	Silver (Ag)	<0.0001
Total Dissolved Solids (TDS)	1270	Strontium (Sr)	1.2
Error in Balance (%)		Thallium (Tl)	<0.0002
Hardness (as CaCO3)	880	Tin (Sn)	<0.0001
Total Alkalinity (as CaCO3)	594	Titanium (Ti)	0.0027
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	0.0001
Turbidity (NTU)	22	Vanadium (V)	0.0002
Perchlorate		Zinc (Zn)	<0.005
Iodine (I)			

All values in mg/L, unless indicated otherwise