



Saskatchewan Research Council, Hydrogeology Section
15 Innovation Blvd, Saskatoon, SK, S7N 2X8

Land Location:	SW-12-06-64-25-W3	NTS:	73K/12
UTM Location:	z13 190541E 6050650N	RM:	622
Ground Elevation (m):	527	Source of Elevation:	
Date Sampled:	11/9/2005	Time Sampled:	3:30:00 PM
Sample Location:	Observation well		
Remark Sample Location:			
Well Name:	SWA Pierce No. 2		
Well Owner:	Sask Watershed Authority	Telephone:	306-694-3900
Address:	111 Fairford Street E., Moose Jaw SK S6H 7X9		
Contractor:	Alberta Environment	Date Drilled:	
Well Depth (m)	71.3	Pump Setting:	
Depth to Water (m):		Pumping Rate:	
Well Diameter:		Construction Method:	Drilled
SRCAcq:	3133	Geologic Formation:	Intertill Undefined
SWAWWDR:	102410	Aquifer Name:	Intertill
Lab:	SRC Analytical Laboratory	Group, Sample Number	2005-6894 29414

Major Ions			Trace Metals		
Calcium (Ca):	199	mg/L	Aluminum (Al):	0.0027	mg/L
Magnesium (Mg):	70	mg/L	Antimony (Sb):	<0.0002	mg/L
Sodium (Na):	25	mg/L	Arsenic (As):	4	ug/L
Potassium (K):	6.2	mg/L	Barium (Ba):	0.018	mg/L
Hydroxide (OH):	<1	mg/L	Beryllium (Be):	<0.0001	mg/L
Carbonate (CO3):	<1	mg/L	Boron (B):	0.1	mg/L
Bicarbonate (HCO3):	673	mg/L	Cadmium (Cd):	<0.0005	mg/L
Sulfate (SO4):	290	mg/L	Chromium (Cr):	<0.005	mg/L
Chloride (Cl):	2	mg/L	Cobalt (Co):	0.001	mg/L
Fluoride (F):	0.29	mg/L	Copper (Cu):	<0.0002	mg/L
Nitrate (NO3):	<0.04	mg/L	Lead (Pb):	<0.0001	mg/L
Iron (Fe):	4.1 *	mg/L	Molybdenum (Mo):	0.0026	mg/L
Manganese (Mn):	0.33 *	mg/L	Nickel (Ni):	0.0008	mg/L
pH:	7.59	pH units	Selenium (Se):	<0.0001	mg/L
Conductivity:	1280	uS/cm	Silver (Ag):	<0.0001	mg/L
Sum of Ions:	1270	mg/L	Strontium (Sr):	0.69	mg/L
Total Dissolved Solids (TDS):	985	mg/L	Thallium (Tl):	<0.0002	mg/L
Hardness:	784	mg/L	Tin (Sn):	<0.0001	mg/L
Total Alkalinity:	552 *	mg/L	Titanium (Ti):	0.0012	mg/L
Error in Balance:	-0.6%		Uranium (U):	35 *	ug/L
Dissolved Organic Carbon (DOC):	7.5	mg/L	Vanadium (V):	0.0001	mg/L
Turbidity:	45	NTU	Zinc (Zn):	0.005	mg/L

Microbiological			
Total coliform:	N/D	e-coli (if coliforms present):	N/D

NIL means not detectable, < means not detectable at the indicated detection limit, N/D means not determined (not analyzed)

* indicates that the value exceeds the Saskatchewan Drinking Water Quality Guidelines, N/R means not required