

Water Security Agency 400-111 Fairford St. E. S6H 7X9			
<b>Land Location:</b>	SW-21-18-18-W2	<b>NTS Map:</b>	72109
<b>UTM Coordinates:</b>		<b>RM No.:</b>	158
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	06-Aug-10	<b>Time Sampled:</b>	
<b>Sample Location:</b>	Observation Well	<b>Sampled by:</b>	
<b>Remark Sample Location:</b>			
<b>Well name:</b>	2010-04 (UF)		
<b>Well owner:</b>	Pilot Butte		
<b>Address:</b>		<b>Tel:</b>	
<b>Contractor:</b>	Andrews & Sons Drilling Ltd.	<b>Date Drilled:</b>	
<b>Well Depth:</b>	36.58	<b>Pump Setting:</b>	
<b>Depth to Water:</b>		<b>Pumping Rate:</b>	
<b>Well Diameter:</b>		<b>Construction method:</b>	
<b>SRC acquisition #:</b>		<b>Formation:</b>	Upper Floral
<b>WWRD #</b>	125205	<b>Aquifer name:</b>	Zehner
<b>Laboratory:</b>	RRPL	<b>SRC Group:</b>	
<b>Constituent</b>	<b>Concentration</b>	<b>Constituent</b>	<b>Concentration</b>
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	116	Aluminum (Al)	0.12
Magnesium (Mg)	60	Antimony (Sb)	
Sodium (Na)	19	As (arsenic) (µg/L)	
Potassium (K)	5.4	Barium (Ba)	0.03
Carbonate (CO3)	<1	Beryllium (Be)	
Bicarbonate (HCO3)	371	Boron (B)	0.07
Sulphate (SO4)	260	Cadmium (Cd)	0.00002
Chloride (Cl)	6	Chromium (Cr)	0.0006
Fluoride (F)	0.31	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	0.2	Lead (Pb)	0.0002
Manganese (Mn)	0.035	Molybdenum (Mo)	
pH (pH units)	7.96	Nickel (Ni)	
Conductivity (uS/cm)	1050	Selenium (Se)	0.017
Sum of Ions	849	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	536	Tin (Sn)	
Total Alkalinity (as CaCO3)	304	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	0.012
Iodine (I)			

All values in mg/L, unless indicated otherwise

NIL means not detectable

ND means not determined