

| Water Security Agency 400-111 Fairford St. E. S6H 7X9 | | | |
|--|----------------------|-----------------------------|----------------------|
| Land Location: | SW-07-18-18-W2 | NTS Map: | 721 |
| UTM Coordinates: | | RM No.: | 158 |
| Ground Elevation: | 1984 | Source: | |
| Date Sampled: | 18-Jun-05 | Time Sampled: | |
| Sample Location: | Observation Well | Sampled by: | |
| Remark Sample Location: | | | |
| Well name: | 96-01 | | |
| Well owner: | City of Regina | | |
| Address: | | Tel: | |
| Contractor: | Hayter Drilling Ltd. | Date Drilled: | 1996 |
| Well Depth: | 65.03 | Pump Setting: | |
| Depth to Water: | | Pumping Rate: | |
| Well Diameter: | | Construction method: | |
| SRC acquisition #: | | Formation: | Lower Floral |
| WWRD # | 233903 | Aquifer name: | Zehner |
| Laboratory: | RRPL | SRC Group: | |
| Constituent | Concentration | Constituent | Concentration |
| Major Ions | | Metals | |
| Calcium (Ca) | 79 | Aluminum (Al) | |
| Magnesium (Mg) | 39 | Antimony (Sb) | |
| Sodium (Na) | 23 | As (arsenic) (µg/L) | |
| Potassium (K) | 4.4 | Barium (Ba) | |
| Carbonate (CO3) | <1 | Beryllium (Be) | |
| Bicarbonate (HCO3) | 317 | Boron (B) | |
| Sulphate (SO4) | 158 | Cadmium (Cd) | |
| Chloride (Cl) | 4 | Chromium (Cr) | |
| Fluoride (F) | | Cobalt (Co) | |
| Nitrate - Nitrate (NO3, NO2 + NO3) | | Copper (Cu) | |
| Total Iron (Fe) | 0.95 | Lead (Pb) | |
| Manganese (Mn) | 0.64 | Molybdenum (Mo) | |
| pH (pH units) | 8.04 | Nickel (Ni) | |
| Conductivity (uS/cm) | | Selenium (Se) | |
| Sum of Ions | 625 | Silver (Ag) | |
| Total Dissolved Solids (TDS) | | Strontium (Sr) | |
| Error in Balance (%) | | Thallium (Tl) | |
| Hardness (as CaCO3) | 357 | Tin (Sn) | |
| Total Alkalinity (as CaCO3) | 260 | 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

NIL means not detectable

ND means not determined