

| Water Security Agency 400-111 Fairford St. E. S6H 7X9 | | | |
|--|---|-----------------------------|----------------------|
| Land Location: | NW-27-07-25-W3 | NTS Map: | 72F11 |
| UTM Coordinates: | | RM No.: | 111 |
| Ground Elevation: | 3602 | Source: | |
| Date Sampled: | 11-May-21 | Time Sampled: | |
| Sample Location: | Observation Well | Sampled by: | |
| Remark Sample Location: | | | |
| Well name: | Davis 3 | | |
| Well owner: | Water Security Agency | | |
| Address: | 111 Fairford Street East Moose Jaw, SK S6H 7X9 | Tel: | |
| Contractor: | Cross Borders Consulting | Date Drilled: | 2020 |
| Well Depth: | 48.77 | Pump Setting: | |
| Depth to Water: | | Pumping Rate: | |
| Well Diameter: | | Construction method: | |
| SRC acquisition #: | | Formation: | Bearpaw |
| WWRD # | 233914 | Aquifer name: | |
| Laboratory: | RRPL | SRC Group: | |
| Constituent | Concentration | Constituent | Concentration |
| Major Ions | | Metals | |
| Calcium (Ca) | 36 | Aluminum (Al) | 2.0260 |
| Magnesium (Mg) | 15 | Antimony (Sb) | <0.00016 |
| Sodium (Na) | 71 | As (arsenic) (µg/L) | |
| Potassium (K) | 5 | Barium (Ba) | 0.10 |
| Carbonate (CO3) | | Beryllium (Be) | |
| Bicarbonate (HCO3) | 334 | Boron (B) | 0.0001 |
| Sulphate (SO4) | 22.5 | Cadmium (Cd) | <0.00015 |
| Chloride (Cl) | 0.8 | Chromium (Cr) | 0.0039 |
| Fluoride (F) | 0.23 | Cobalt (Co) | |
| Nitrate - Nitrate (NO3, NO2 + NO3) | | Copper (Cu) | <0.00829 |
| Total Iron (Fe) | 1.7 | Lead (Pb) | 0.0038 |
| Manganese (Mn) | 0.1 | Molybdenum (Mo) | |
| pH (pH units) | 7.9 | Nickel (Ni) | |
| Conductivity (uS/cm) | 529 | Selenium (Se) | <0.00113 |
| Sum of Ions | 485 | Silver (Ag) | <0.0002 |
| Total Dissolved Solids (TDS) | | Strontium (Sr) | |
| Error in Balance (%) | | Thallium (Tl) | |
| Hardness (as CaCO3) | 152 | Tin (Sn) | |
| Total Alkalinity (as CaCO3) | 271 | Titanium (Ti) | |
| Dissolved Organic Carbon (DOC) | | Uranium (U) (µg/L) | |
| Turbidity (NTU) | | Vanadium (V) | |
| Perchlorate | | Zinc (Zn) | 0.0127 |
| Iodine (I) | | | |

All values in mg/L, unless indicated otherwise

NIL means not detectable

ND means not determined