

**Water Security Agency**

<b>Land Location:</b>	SW-01-04-36-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 396606 E 5768497 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>		<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA GOODALE FARM 9	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	10.5	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	
<b>Laboratory:</b>		<b>Aquifer name:</b>	

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	93	Aluminum (Al)	
Magnesium (Mg)	25	Antimony (Sb)	
Sodium (Na)	17	As (arsenic) (µg/L)	
Potassium (K)	4.2	Barium (Ba)	
Carbonate (CO3)	< 1	Beryllium (Be)	
Bicarbonate (HCO3)	254	Boron (B)	
Sulphate (SO4)	95	Cadmium (Cd)	
Chloride (Cl)	39	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	1	Lead (Pb)	
Manganese (Mn)	0.68	Molybdenum (Mo)	
pH (pH units)	7.17	Nickel (Ni)	
Conductivity (uS/cm)	668	Selenium (Se)	
Sum of Ions	527	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	335	Tin (Sn)	
Total Alkalinity (as CaCO3)	208	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

**Water Security Agency**

<b>Land Location:</b>	SW-1-04-36-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 396606 E 5768497 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	28-Oct-74	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Goodale Farm 009	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	10.5	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	43769	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	93	Aluminum (Al)	
Magnesium (Mg)	23	Antimony (Sb)	
Sodium (Na)	19	As (arsenic) (µg/L)	
Potassium (K)	5	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	286	Boron (B)	
Sulphate (SO4)	93	Cadmium (Cd)	
Chloride (Cl)	21	Chromium (Cr)	
Fluoride (F)	0.18	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.1	Copper (Cu)	
Total Iron (Fe)	0.2	Lead (Pb)	
Manganese (Mn)	0.61	Molybdenum (Mo)	
pH (pH units)	7.42	Nickel (Ni)	
Conductivity (uS/cm)	668	Selenium (Se)	
Sum of Ions	540	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	324	Tin (Sn)	
Total Alkalinity (as CaCO3)	234	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

**Water Security Agency**

<b>Land Location:</b>	SW-1-04-36-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 396606 E 5768497 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	11-Sep-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Goodale Farm 009	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	10.5	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	43769	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	100	Aluminum (Al)	
Magnesium (Mg)	18	Antimony (Sb)	
Sodium (Na)	16	As (arsenic) (µg/L)	
Potassium (K)	3.9	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	280	Boron (B)	
Sulphate (SO4)	105	Cadmium (Cd)	
Chloride (Cl)	22	Chromium (Cr)	
Fluoride (F)	0.12	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.09	Copper (Cu)	
Total Iron (Fe)	0.7	Lead (Pb)	
Manganese (Mn)	0.7	Molybdenum (Mo)	
pH (pH units)	8.1	Nickel (Ni)	
Conductivity (uS/cm)	604	Selenium (Se)	
Sum of Ions	545	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	326	Tin (Sn)	
Total Alkalinity (as CaCO3)	547	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

**Water Security Agency**

<b>Land Location:</b>	SW-1-04-36-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 396606 E 5768497 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	6-Sep-94	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Goodale Farm 009	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	10.5	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	43769	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	93	Aluminum (Al)	
Magnesium (Mg)	25	Antimony (Sb)	
Sodium (Na)	17	As (arsenic) (µg/L)	
Potassium (K)	4.2	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	254	Boron (B)	
Sulphate (SO4)	95	Cadmium (Cd)	
Chloride (Cl)	39	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.04	Copper (Cu)	
Total Iron (Fe)	1	Lead (Pb)	
Manganese (Mn)	0.68	Molybdenum (Mo)	
pH (pH units)	7.17	Nickel (Ni)	
Conductivity (uS/cm)	668	Selenium (Se)	
Sum of Ions	527	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	335	Tin (Sn)	
Total Alkalinity (as CaCO3)	208	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

**Water Security Agency**

<b>Land Location:</b>	SW-1-04-36-04W3	<b>NTS Map:</b>	73B/02
<b>UTM Coordinates:</b>	Z13 396606 E 5768497 N	<b>RM No.:</b>	344
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	21-Sep-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Goodale Farm 009	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	10.5	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	43769	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	102	Aluminum (Al)	0.0006
Magnesium (Mg)	25	Antimony (Sb)	< 0.0002
Sodium (Na)	15	As (arsenic) (µg/L)	0.0026
Potassium (K)	3.9	Barium (Ba)	0.06
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	227	Boron (B)	0.05
Sulphate (SO4)	160	Cadmium (Cd)	< 0.0005
Chloride (Cl)	32	Chromium (Cr)	< 0.005
Fluoride (F)	0.27	Cobalt (Co)	0.001
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	7.8	Lead (Pb)	0.0001
Manganese (Mn)	0.79	Molybdenum (Mo)	0.0013
pH (pH units)	7.34	Nickel (Ni)	0.0013
Conductivity (uS/cm)	739	Selenium (Se)	< 0.0001
Sum of Ions	565	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	453	Strontium (Sr)	0.52
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	357	Tin (Sn)	0.0001
Total Alkalinity (as CaCO3)	186	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	0.0036
Turbidity (NTU)	160	Vanadium (V)	< 0.0001
Perchlorate		Zinc (Zn)	0.006
Iodine (I)	0.0044		

All values in mg/L, unless indicated otherwise