

**Water Security Agency**

<b>Land Location:</b>	SE-03-18-14-17W2	<b>NTS Map:</b>	721/01
<b>UTM Coordinates:</b>	Z13 548786 E 5557154 N	<b>RM No.:</b>	128
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	3-Jul-68	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Riceton	<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>	22.4	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	114726	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Empress Group
<b>Laboratory:</b>		<b>Aquifer name:</b>	Empress, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	410	Aluminum (Al)	
Magnesium (Mg)	308	Antimony (Sb)	
Sodium (Na)	1285	As (arsenic) (µg/L)	
Potassium (K)	21	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	354	Boron (B)	
Sulphate (SO4)	4308	Cadmium (Cd)	
Chloride (Cl)	313	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	0.12	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7	Nickel (Ni)	
Conductivity (uS/cm)	7000	Selenium (Se)	
Sum of Ions	6999	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2291	Tin (Sn)	
Total Alkalinity (as CaCO3)	290	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

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<b>UTM Coordinates:</b>	Z13 548786 E 5557154 N	<b>RM No.:</b>	128
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	4-Jul-68	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Riceton	<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>	22.4	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	114726	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Empress Group
<b>Laboratory:</b>		<b>Aquifer name:</b>	Empress, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	384	Aluminum (Al)	
Magnesium (Mg)	324	Antimony (Sb)	
Sodium (Na)	1310	As (arsenic) (µg/L)	
Potassium (K)	21	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	354	Boron (B)	
Sulphate (SO4)	4308	Cadmium (Cd)	
Chloride (Cl)	320	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	0.1	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	6.78	Nickel (Ni)	
Conductivity (uS/cm)	7050	Selenium (Se)	
Sum of Ions	7021	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2310	Tin (Sn)	
Total Alkalinity (as CaCO3)	290	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

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<b>Land Location:</b>	SE-03-18-14-17W2	<b>NTS Map:</b>	721/01
<b>UTM Coordinates:</b>	Z13 548786 E 5557154 N	<b>RM No.:</b>	128
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	1-Jun-70	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Riceton	<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>	22.4	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	114726	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Empress Group
<b>Laboratory:</b>		<b>Aquifer name:</b>	Empress, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	388	Aluminum (Al)	
Magnesium (Mg)	317	Antimony (Sb)	
Sodium (Na)	1250	As (arsenic) (µg/L)	
Potassium (K)	21	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	337	Boron (B)	
Sulphate (SO4)	4160	Cadmium (Cd)	
Chloride (Cl)	326	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	0.3	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.3	Nickel (Ni)	
Conductivity (uS/cm)	7900	Selenium (Se)	
Sum of Ions	6799	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2270	Tin (Sn)	
Total Alkalinity (as CaCO3)	276	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

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<b>Land Location:</b>	SE-03-18-14-17W2	<b>NTS Map:</b>	721/01
<b>UTM Coordinates:</b>	Z13 548786 E 5557154 N	<b>RM No.:</b>	128
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	30-Aug-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Riceton	<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>	22.4	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	114726	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Empress Group
<b>Laboratory:</b>		<b>Aquifer name:</b>	Empress, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	402	Aluminum (Al)	
Magnesium (Mg)	311	Antimony (Sb)	
Sodium (Na)	1310	As (arsenic) (µg/L)	
Potassium (K)	20	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	342	Boron (B)	
Sulphate (SO4)	4230	Cadmium (Cd)	
Chloride (Cl)	339	Chromium (Cr)	
Fluoride (F)	0.3	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	0.72	Lead (Pb)	
Manganese (Mn)	3.8	Molybdenum (Mo)	
pH (pH units)	7.5	Nickel (Ni)	
Conductivity (uS/cm)	7070	Selenium (Se)	
Sum of Ions	6954	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2280	Tin (Sn)	
Total Alkalinity (as CaCO3)	280	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

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<b>Land Location:</b>	SE-03-18-14-17W2	<b>NTS Map:</b>	721/01
<b>UTM Coordinates:</b>	Z13 548786 E 5557154 N	<b>RM No.:</b>	128
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	28-Oct-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Riceton	<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>	22.4	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	114726	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Empress Group
<b>Laboratory:</b>		<b>Aquifer name:</b>	Empress, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	392	Aluminum (Al)	0.0008
Magnesium (Mg)	305	Antimony (Sb)	< 0.0002
Sodium (Na)	1300	As (arsenic) (µg/L)	0.001
Potassium (K)	19	Barium (Ba)	0.01
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	353	Boron (B)	0.16
Sulphate (SO4)	4000	Cadmium (Cd)	< 0.0005
Chloride (Cl)	331	Chromium (Cr)	< 0.005
Fluoride (F)	0.35	Cobalt (Co)	0.0019
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	1.4	Lead (Pb)	< 0.0001
Manganese (Mn)	2.5	Molybdenum (Mo)	0.0066
pH (pH units)	7.81	Nickel (Ni)	0.0031
Conductivity (uS/cm)	7380	Selenium (Se)	0.0003
Sum of Ions	6700	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	7120	Strontium (Sr)	2
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	2230	Tin (Sn)	0.0001
Total Alkalinity (as CaCO3)	289	Titanium (Ti)	
		Uranium (U) (µg/L)	0.077
Dissolved Organic Carbon (DOC)		Vanadium (V)	0.0001
Turbidity (NTU)	1.3	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.0272		

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