

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	10-Oct-74	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	100	Aluminum (Al)	
Magnesium (Mg)	26	Antimony (Sb)	
Sodium (Na)	66	As (arsenic) (µg/L)	
Potassium (K)	8	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	462	Boron (B)	
Sulphate (SO4)	118	Cadmium (Cd)	
Chloride (Cl)	7	Chromium (Cr)	
Fluoride (F)	0.2	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	2	Copper (Cu)	
Total Iron (Fe)	1.3	Lead (Pb)	
Manganese (Mn)	0.44	Molybdenum (Mo)	
pH (pH units)	7.74	Nickel (Ni)	
Conductivity (uS/cm)	1030	Selenium (Se)	
Sum of Ions	789	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	356	Tin (Sn)	
Total Alkalinity (as CaCO3)	379	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

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	20-Sep-83	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	89	Aluminum (Al)	
Magnesium (Mg)	34	Antimony (Sb)	
Sodium (Na)	58	As (arsenic) (µg/L)	
Potassium (K)	8.5	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	406	Boron (B)	
Sulphate (SO4)	145	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)	0.13	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.27	Copper (Cu)	
Total Iron (Fe)	1.4	Lead (Pb)	
Manganese (Mn)	0.52	Molybdenum (Mo)	
pH (pH units)	7.89	Nickel (Ni)	
Conductivity (uS/cm)	846	Selenium (Se)	
Sum of Ions	746	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	390	Tin (Sn)	
Total Alkalinity (as CaCO3)	333	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

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	9-Aug-84	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	124	Aluminum (Al)	
Magnesium (Mg)	35	Antimony (Sb)	
Sodium (Na)	62	As (arsenic) (µg/L)	
Potassium (K)	8.3	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	527	Boron (B)	
Sulphate (SO4)	147	Cadmium (Cd)	
Chloride (Cl)	7	Chromium (Cr)	
Fluoride (F)	0.28	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	1.9	Lead (Pb)	
Manganese (Mn)	0.53	Molybdenum (Mo)	
pH (pH units)	7.62	Nickel (Ni)	
Conductivity (uS/cm)	1000	Selenium (Se)	
Sum of Ions	910	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	452	Tin (Sn)	
Total Alkalinity (as CaCO3)	432	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)	0.018		

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	20-Aug-84	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	321	Aluminum (Al)	
Magnesium (Mg)	117	Antimony (Sb)	
Sodium (Na)	180	As (arsenic) (µg/L)	
Potassium (K)	10	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	442	Boron (B)	
Sulphate (SO4)	1230	Cadmium (Cd)	
Chloride (Cl)	19	Chromium (Cr)	
Fluoride (F)	0.29	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	9.1	Lead (Pb)	
Manganese (Mn)	0.17	Molybdenum (Mo)	
pH (pH units)	7.41	Nickel (Ni)	
Conductivity (uS/cm)	2670	Selenium (Se)	
Sum of Ions	2319	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1290	Tin (Sn)	
Total Alkalinity (as CaCO3)	362	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)	0.12		

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	13-Oct-92	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	175	Aluminum (Al)	
Magnesium (Mg)	48	Antimony (Sb)	
Sodium (Na)	47	As (arsenic) (µg/L)	
Potassium (K)	8.5	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	633	Boron (B)	
Sulphate (SO4)	185	Cadmium (Cd)	
Chloride (Cl)	6	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	1.6	Lead (Pb)	
Manganese (Mn)	0.65	Molybdenum (Mo)	
pH (pH units)	7.43	Nickel (Ni)	
Conductivity (uS/cm)	1210	Selenium (Se)	
Sum of Ions	1103	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	634	Tin (Sn)	
Total Alkalinity (as CaCO3)	519	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

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	8-Dec-93	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	174	Aluminum (Al)	
Magnesium (Mg)	48	Antimony (Sb)	
Sodium (Na)	42	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	669	Boron (B)	
Sulphate (SO4)	152	Cadmium (Cd)	
Chloride (Cl)	2	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1215	Selenium (Se)	
Sum of Ions	1088	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	633	Tin (Sn)	
Total Alkalinity (as CaCO3)	548	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

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	8-Nov-94	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	178	Aluminum (Al)	
Magnesium (Mg)	48	Antimony (Sb)	
Sodium (Na)	43	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	659	Boron (B)	
Sulphate (SO4)	193	Cadmium (Cd)	
Chloride (Cl)	3	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	3	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1247	Selenium (Se)	
Sum of Ions	1127	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	643	Tin (Sn)	
Total Alkalinity (as CaCO3)	540	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	23-Nov-95	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	176	Aluminum (Al)	
Magnesium (Mg)	49	Antimony (Sb)	
Sodium (Na)	44	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	664	Boron (B)	
Sulphate (SO4)	200	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1221	Selenium (Se)	
Sum of Ions	1137	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	641	Tin (Sn)	
Total Alkalinity (as CaCO3)	544	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	4-Nov-96	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	181	Aluminum (Al)	
Magnesium (Mg)	53	Antimony (Sb)	
Sodium (Na)	46	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	654	Boron (B)	
Sulphate (SO4)	212	Cadmium (Cd)	
Chloride (Cl)	9	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.3	Nickel (Ni)	
Conductivity (uS/cm)	1251	Selenium (Se)	
Sum of Ions	1155	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	670	Tin (Sn)	
Total Alkalinity (as CaCO3)	536	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	8-Sep-97	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	184	Aluminum (Al)	
Magnesium (Mg)	51	Antimony (Sb)	
Sodium (Na)	41	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	649	Boron (B)	
Sulphate (SO4)	214	Cadmium (Cd)	
Chloride (Cl)	16	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.3	Nickel (Ni)	
Conductivity (uS/cm)	1278	Selenium (Se)	
Sum of Ions	1155	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	669	Tin (Sn)	
Total Alkalinity (as CaCO3)	532	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	6	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	15-Oct-98	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	186	Aluminum (Al)	
Magnesium (Mg)	52	Antimony (Sb)	
Sodium (Na)	40	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	642	Boron (B)	
Sulphate (SO4)	220	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1250	Selenium (Se)	
Sum of Ions	1144	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	679	Tin (Sn)	
Total Alkalinity (as CaCO3)	526	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

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	18-Oct-99	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	174	Aluminum (Al)	
Magnesium (Mg)	52	Antimony (Sb)	
Sodium (Na)	42	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	642	Boron (B)	
Sulphate (SO4)	212	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1270	Selenium (Se)	
Sum of Ions	1126	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	649	Tin (Sn)	
Total Alkalinity (as CaCO3)	526	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	3	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	17-Oct-00	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	187	Aluminum (Al)	
Magnesium (Mg)	51	Antimony (Sb)	
Sodium (Na)	41	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	632	Boron (B)	
Sulphate (SO4)	252	Cadmium (Cd)	
Chloride (Cl)	1.2	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.4	Nickel (Ni)	
Conductivity (uS/cm)	1297	Selenium (Se)	
Sum of Ions	1165	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	677	Tin (Sn)	
Total Alkalinity (as CaCO3)	518	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	2-Oct-01	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	196	Aluminum (Al)	
Magnesium (Mg)	52	Antimony (Sb)	
Sodium (Na)	44	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	617	Boron (B)	
Sulphate (SO4)	252	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.1	Nickel (Ni)	
Conductivity (uS/cm)	1370	Selenium (Se)	
Sum of Ions	1166	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	704	Tin (Sn)	
Total Alkalinity (as CaCO3)	506	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4.93	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	20-Sep-02	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	204	Aluminum (Al)	
Magnesium (Mg)	47	Antimony (Sb)	
Sodium (Na)	44	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	615	Boron (B)	
Sulphate (SO4)	307	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	6.6	Nickel (Ni)	
Conductivity (uS/cm)	1340	Selenium (Se)	
Sum of Ions	1221	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	703	Tin (Sn)	
Total Alkalinity (as CaCO3)	504	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	3	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	7-Nov-03	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	209	Aluminum (Al)	
Magnesium (Mg)	49	Antimony (Sb)	
Sodium (Na)	46	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	625	Boron (B)	
Sulphate (SO4)	257	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<1	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1380	Selenium (Se)	
Sum of Ions	1191	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	724	Tin (Sn)	
Total Alkalinity (as CaCO3)	512	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	29-Oct-04	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	211	Aluminum (Al)	
Magnesium (Mg)	48	Antimony (Sb)	
Sodium (Na)	44	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	637	Boron (B)	
Sulphate (SO4)	292.7	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.2	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1370	Selenium (Se)	
Sum of Ions	1238	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	725	Tin (Sn)	
Total Alkalinity (as CaCO3)	552	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4.1	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	18-Nov-05	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	204	Aluminum (Al)	< 0.0005
Magnesium (Mg)	47	Antimony (Sb)	< 0.0002
Sodium (Na)	46	As (arsenic) (µg/L)	0.019
Potassium (K)	8.9	Barium (Ba)	0.03
Carbonate (CO3)	< 1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	648	Boron (B)	0.13
Sulphate (SO4)	270	Cadmium (Cd)	< 0.0005
Chloride (Cl)	6	Chromium (Cr)	< 0.005
Fluoride (F)	0.14	Cobalt (Co)	0.0006
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	2.2	Lead (Pb)	< 0.0001
Manganese (Mn)	0.74	Molybdenum (Mo)	0.0022
pH (pH units)	7.73	Nickel (Ni)	0.0001
Conductivity (uS/cm)	1330	Selenium (Se)	< 0.0001
Sum of Ions	1230	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	944	Strontium (Sr)	0.95
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	702	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	531	Titanium (Ti)	
		Uranium (U) (µg/L)	0.036
Dissolved Organic Carbon (DOC)	2.5	Vanadium (V)	< 0.0001
Turbidity (NTU)	26	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00817		

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	3-Nov-06	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	191	Aluminum (Al)	
Magnesium (Mg)	45	Antimony (Sb)	
Sodium (Na)	46	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	615	Boron (B)	
Sulphate (SO4)	276.8	Cadmium (Cd)	
Chloride (Cl)	5.9	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.2	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	1276	Selenium (Se)	
Sum of Ions	1180	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	662	Tin (Sn)	
Total Alkalinity (as CaCO3)	504	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5.2	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	24-Oct-07	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	175	Aluminum (Al)	
Magnesium (Mg)	42	Antimony (Sb)	
Sodium (Na)	54	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	556	Boron (B)	
Sulphate (SO4)	253.5	Cadmium (Cd)	
Chloride (Cl)	5.6	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.2	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.4	Nickel (Ni)	
Conductivity (uS/cm)	1221	Selenium (Se)	
Sum of Ions	1086	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	610	Tin (Sn)	
Total Alkalinity (as CaCO3)	456	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5.4	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	1-Dec-08	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	168	Aluminum (Al)	
Magnesium (Mg)	39	Antimony (Sb)	
Sodium (Na)	58	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	547	Boron (B)	
Sulphate (SO4)	241.5	Cadmium (Cd)	
Chloride (Cl)	5.6	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.5	Nickel (Ni)	
Conductivity (uS/cm)	1202	Selenium (Se)	
Sum of Ions	1059	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	580	Tin (Sn)	
Total Alkalinity (as CaCO3)	448	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	5	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	5-Oct-09	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	165	Aluminum (Al)	
Magnesium (Mg)	39	Antimony (Sb)	
Sodium (Na)	60	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	564	Boron (B)	
Sulphate (SO4)	235	Cadmium (Cd)	
Chloride (Cl)	5.5	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.3	Nickel (Ni)	
Conductivity (uS/cm)	1215	Selenium (Se)	
Sum of Ions	1069	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	573	Tin (Sn)	
Total Alkalinity (as CaCO3)	462	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4.7	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	26-Sep-11	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	164	Aluminum (Al)	
Magnesium (Mg)	40	Antimony (Sb)	
Sodium (Na)	61	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	561	Boron (B)	
Sulphate (SO4)	240.7	Cadmium (Cd)	
Chloride (Cl)	5.3	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.6	Nickel (Ni)	
Conductivity (uS/cm)	1229	Selenium (Se)	
Sum of Ions	1072	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	574	Tin (Sn)	
Total Alkalinity (as CaCO3)	460	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	4.2	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SW-4-34-15-26W2	NTS Map:	721/05
UTM Coordinates:	Z13 463659 E 5571639 N	RM No.:	131
Ground Elevation:		Source:	
Date Sampled:	2-Oct-13	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Baildon 059	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	30.5	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	43454	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	177	Aluminum (Al)	
Magnesium (Mg)	41	Antimony (Sb)	
Sodium (Na)	64	As (arsenic) (µg/L)	
Potassium (K)		Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	566	Boron (B)	
Sulphate (SO4)	252.3	Cadmium (Cd)	
Chloride (Cl)	6.1	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.5	Nickel (Ni)	
Conductivity (uS/cm)	1278	Selenium (Se)	
Sum of Ions	1106	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	611	Tin (Sn)	
Total Alkalinity (as CaCO3)	464	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)	104.2	Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise