

Table 1
Pembina Valley Water Cooperative Inc.
Supplemental Groundwater Supply

Static (Non-Pumping) Groundwater Elevations

Location	Well Name	Screen Depth	Stratigraphic Zone Monitored	Reference Elevation	Depth To Water ²	Groundwater Elevation
T05-09E						
SE14-05-09E	OH-034 SILA 95-2	39.3 to 40.8	Upper Sand	395.031	38.475	356.556
SE15-05-09E	TH-7	91.1 to 95.7	Lower Sand	371.801	23.42	348.381
NE13-05-09E	9803-1	21.0 to 21.3	Upper Sand	387.347	18.2	369.147
NE13-05-09E	9803-2	24.1 to 24.4	Upper Sand	387.355	18.21	369.145
NE13-05-09E	9803-3	27.1 to 27.4	Upper Sand	387.357	18.22	369.137
SE19-05-09E	TH-16	11.9 to 14.9	Upper Sand	312.894	2.54	310.354
SE19-05-09E	TH-17	54.3 to 57.3	Lower Sand	312.907	0.17	312.737
SE19-05-09E	TH-18	85.6 to 88.7	Sandstone	312.858	0.365	312.493
SE22-05-09E	PW-1	61.0 to 99.1	Lower Sand	365.646	23.62	342.026
SE22-05-09E	TH-5	89.6 to 94.2	Lower Sand	366.547	24	342.547
SE22-05-09E	TH-5A	89.9 to 99.1	Lower Sand	365.882	23.585	342.297
SE22-05-09E	TH-15	10.4 to 13.4	Upper Sand	365.972	7.54	358.432
SE22-05-09E	TH-11	45.7 to 48.8	Lower Sand (?)	365.325	18.2	347.125
SE22-05-09E	TH-12	105.2 to 109.7	Lower Sand	363.666	21.43	342.236
SE22-05-09E	TH-19	75.3 to 78.3	Lower Sand	363.628	20.124	343.504
NE24-05-09E	TH-1	57.6 to 62.2	Lower Sand	376.843	12.865	363.978
SE27-05-09E	TH-13	19.8 to 21.3	Upper Sand	339.146	5.1	334.046
SE27-05-09E	TH-14	59.1 to 65.2	Lower Sand	338.951	9.73	329.221
T06-09E						
SE02-06-09E	OH-038 WRB 99-02	11.9 to 13.4	Upper Sand	334.049	3.1	330.949
SE02-06-09E	GSC 9902-1	33.5 to 36.5	Upper Sand	334.067	3.1	330.967
SE02-06-09E	GSC 9902-2	60.0 to 63.0	Upper Sand	334.067	3.39	330.677
SE02-06-09E	GSC 9902-3	75.0 to 78.0	Lower Sand	334.067	6.04	328.027
SE02-06-09E	OH-050 GSC9902-4	86.3 to 89.3	Sandstone	334.073	6.11	327.963
T05-10E						
SW06-05-10E	9805-1	21.3 to 21.7	Upper Sand	387.95	17.17	370.78
NE07-05-10E	OE-001 Sandilands #1	14.9 to 16.4	Upper Sand	383.789	7.78	376.009
NW13-05-10E	PH-002 SILA #3 (95-3)	86.0 to 87.5	Lower Sand	365.333	5.16	360.173
NE15-05-10E	TH-8	64.0 to 68.6	Lower Sand	374.076	2.57	371.506
SE17-05-10E	9806-1	10.1 to 10.4	Upper Sand	389	4.06	384.94
SE17-05-10E	9806-3	13.4 to 13.7	Upper Sand	389	4.13	384.87
SE17-05-10E	9806-4	15.7 to 16.0	Upper Sand	389	4.15	384.85
SE17-05-10E	9806-5	17.7 to 18.0	Upper Sand	389	4.16	384.84
NW18-05-10E	OE040 GSC#2	69.5 to 71.0	Lower Sand	389.296	20.19	369.106
NW18-05-10E	TH-4	70.4 to 75.0	Lower Sand	389.133	19.97	369.163
SE19-05-10E	OH039 WRB 99-01	21.6 to 23.1	Upper Sand	382.674	11.6	371.074
SE19-05-10E	GSC 9901-1	15.5 to 17.0	Upper Sand	382.271	11.16	371.111
SE19-05-10E	GSC 9901-2	33.5 to 36.5	Upper Sand	382.271	11.17	371.101
SE19-05-10E	GSC 9901-3	55.2 to 58.2	Lower Sand	382.271	12.65	369.621
SE19-05-10E	GSC 9901-4	149.4 to 153.4	Sandstone	382.582	14.085	368.497
NW21-05-10E	GSC 9801-1	10.4 to 10.7	Upper Sand	379.5	7.65	371.85
SW04-06-10E	GSC 9802-1	4.3 to 4.7	Upper Sand	366	3.78	362.22

1. All measurements in metres, elevations are geodetic
 2. Top of well casing surveyed as reference elevation
 3. All water level measurements made on October 13, 2005
 4. Reference elevations for wells 9806-1 to 5, GSC 9801-1 and GSC 9802-1 estimated from 1:50,000 topographic maps
- NM - Not Monitored