

MECP Water Wells (Strada)

Water Supply Wells with Less Than 10m Drawdown available above Well base (Melancthon LOT 8 to 17, CON 1 to 4 OS)

Well Count: 35
Bore Holes: 35

Table H.1

Municipality	Civic Address	Con	Lot	Well No	Bore Hole	UTM Easting	Elev masl	Drill Date	Driller ID	Pump Lev	Test Rate	Test Time	Water Use	Kind of	Water Found	Csg Dia	Casing Depth	Screen Depth	Screen Length	Static Level	Bedrock	Well Depth	Owner	Flow?						
				Log	ID	Northing	dd/mm/yy	m	Rec Rate	hh:mm	Final Use	Water	m	masl	cm	m	masl	m	masl	m	masl	m	masl	m	masl	Depths to which Formations Extend	Rate LPM			
																									m					
MELANCTHON TOWNSHIP	Cty Rd 17	CON 01	011	1702981	10061682	564572.00 4887514.00	483.5	11/15/1983	3317	14.3	45.5	2:30	1: 2: F:Water Sup	FRESH	21.6	461.9	12.7	21.3	462.2	0	13.4	470.1	19.8	463.7	21.6	461.9	CLAY STONES SAND 14 STONEY 20 LIMESTONE 22	N		
MELANCTHON TOWNSHIP	Townline	CON 01	011	1706049	10537790	566266.00 4887931.00	476.0	5/23/2003	3561	16.8	68.2	2:0	1:Domestic 2: F:Water Sup	FRESH	23.8	452.2	15.2	21.9	454	0	16.8	459.2		23.8	452.2	BLACK TOPSOIL 0 BROWN CLAY STONES GRAVEL 21 BROWN LIMESTONE 24	N			
MELANCTHON TOWNSHIP	Fieldway Crt	CON 01	013	1704665	10063361	563737.00 4888791.00	459.8	12/3/1993	6030	4.3	13.6	1:30	1: 2: F:Water Sup	FRESH	3	456.7	45.7		0	3	456.7		4.3	455.5	BROWN TOPSOIL 1 BROWN CLAY 3 BROWN SAND 4	N				
MELANCTHON TOWNSHIP	Oldfield Crt	CON 01	013	1704939	10063635	563951.00 4888637.00	469.6	3/28/1996	2663	20.1	36.4	1:0	1: 2: F:Water Sup	FRESH	24.4	445.2	15.2	24.4	445.2	0	18.6	451		24.4	445.2	TOPSOIL 1 BROWN CLAY GRAVEL 21 COARSE GRAVEL 24	N			
MELANCTHON TOWNSHIP	HM River Rd	CON 01	014	1703262	10061963	563721.00 4889355.00	447.4	8/12/1986	3813	6.7	40.9	6:0	1: 2: F:Water Sup	Not stated	12.2	435.2	15.2	12.2	435.2	0	6.7	440.7		12.2	435.2	CLAY 6 GRAVEL 12	N			
MELANCTHON TOWNSHIP	HM River Rd	CON 01	014	1703828	10062527	563713.00 4889326.00	446.1	10/7/1988	3406	9.1	45.5	1:0	1: 2: F:Water Sup	FRESH	11.6	434.5	15.2	11.6	434.5	0	3	443		11.6	434.5	CLAY SAND GRAVEL 10 GRAVEL 12	N			
MELANCTHON TOWNSHIP	HM River Rd	CON 01	014	1704165	10062863	563760.00 4889389.00	443.7	5/14/1990	2576		109.1	2:0	1: 2: F:Water Sup	FRESH	14.3	429.4	17.8	14.3	429.4	0	4.6	439.2		14.3	429.4	TOPSOIL 1 YELLOW CLAY GRAVEL 12 SAND GRAVEL 14	N			
MELANCTHON TOWNSHIP	HM Main St	CON 01	015	1700312	10059051	563526.00 4889696.00	472.7	9/11/1962	4703	18.3	27.3	2:0	1: 2: F:Water Sup	FRESH	18.3	454.4	10.2	16.2	456.5	0	17.1	455.6	14	458.7	23.8	448.9	TOPSOIL 0 BROWN CLAY STONES GRAVEL 14 BROWN LIMESTONE 16 ROCK LIMESTONE 24	N		
MELANCTHON TOWNSHIP	HM Main St	CON 01	015	1700314	10059053	563502.00 4889848.00	477.5	11/8/1965	4303	14.9	31.8	4:0	1: 2: F:Water Sup	FRESH	20.4	457.1	10.2	15.5	462	0	14.3	463.2	10.7	466.8	20.4	457.1	CLAY 2 GRAVEL 11 BROWN ROCK 20	N		
MELANCTHON TOWNSHIP	HM Mill Lane	CON 01	015	1702105	10060825	563789.00 4890024.00	478.3	3/15/1976	3406	19.8	27.3	1:30	1: 2: F:Water Sup	FRESH	24.4	453.9	12.7 10.2	24.4	453.9	0	18.3	460	15.2	463	24.4	453.9	BROWN GRAVEL 15 WHITE LIMESTONE FRACTURED 24	N		
MELANCTHON TOWNSHIP	HM Mill Lane	CON 01	015	1702938	10061639	564014.00 4890175.00	462.7	6/13/1983	3406	5.5	27.3	1:0	1: 2: F:Water Sup	FRESH FRESH	6.1	456.6	15.2	3	459.7	0	1.2	461.5	0.3	462.4	6.7	456	BLACK TOPSOIL 0 WHITE LIMESTONE FRACTURED 1 WHITE LIMESTONE 7	N		
MELANCTHON TOWNSHIP	HM Mill Lane	CON 01	015	1704206	10062904	563529.00 4889982.00	475.0	6/15/1990	3561	13.7	36.4	1:0	1: 2: F:Water Sup	Not stated	14.3	460.7	15.2	12.2	462.8	0	13.7	461.3	11.6	463.4	15.2	459.7	TOPSOIL 0 CLAY GRAVEL 9 SAND CLAY 12 LIMESTONE 15	N		
MELANCTHON TOWNSHIP	HM Main St	CON 01	015	1704339	10063037	563645.00 4890329.00	472.7	5/16/1991	3561	7.6	90.9	1:0	1: 2: F:Water Sup	FRESH	16.2	456.5	15.2	15.8	456.8	0	7.6	465	15.2	457.4	16.2	456.5	GRAVEL SAND 15 LIMESTONE 16	N		
MELANCTHON TOWNSHIP	233 Main St HORNING'S MILLS	CON 01	015	7368440	1008469899	563526.00 4889639.00	467.6	5/29/2020	6865	20.7	28	1:	1:Domestic 2: F:Water Sup	Untested	20	447.6	15.9 13	23.4	444.2	0	17.1	450.5	12.5	455.1	25	442.6	BROWN TOPSOIL TOPSOIL 2 BROWN CLAY SAND 3 BROWN LIMESTONE BOULDERS 6 BROWN SAND 6 BROWN GRAVEL CEMENTED 10 BROWN GRAVEL STONES 12 BROWN LIMESTONE FRACTURED LAYERED 25	N		
MELANCTHON TOWNSHIP	5th Line	SR E 01	295	1704338	10063036	560207.00 4884157.00	501.4	5/15/1991	3561		136.4	1:30	1: 2: F:Water Sup	FRESH	13.7	487.7	15.2	13.1	488.3	0	4.6	496.8	13.1	488.3	14	487.4	BROWN CLAY GRAVEL 13 LIMESTONE 14	N		
MELANCTHON TOWNSHIP	3rd Line	CON 02	008	1706699	11550936	563135.00 4885428.00	482.2	6/19/2006	7154	4.9	45.5	24:0	1:Domestic 2: F:Water Sup	FRESH FRESH	9.8	472.5	15.9 14	11.3	470.9	0	2.7	479.5	7.6	474.6	11.3	470.9	BROWN CLAY STONES SILTY 8 BROWN LIMESTONE FRACTURED 11 GREY LIMESTONE 11	N		
MELANCTHON TOWNSHIP	476519 3rd Line Melancthon	CON 02	009	7378624	1008553272	562833.00 4886044.00	481.7	1/14/2021	7675	1.8	54.6	1:0	1:Domestic 2: F:Water Sup	FRESH	1	480.7	15.2	9.4	472.3	9.4	472.3	0.3	1	480.7	7.9	473.8	9.4	472.3	CLAY TILL SOFT 1 COARSE SAND GRAVEL 8 BROWN LIMESTONE FRACTURED 9 BROWN LIMESTONE CLAY FRACTURED 9 GREY LIMESTONE 9	N

Municipality	Civic Address	Con	Lot	Well No	Bore Hole	UTM Easting	Elev masl	Drill Date	Driller ID	Pump Lev	Test Rate	Test Time	Water Use	Kind of	Water Found	Csg Dia	Casing Depth	Screen Depth	Screen Length	Static Level	Bedrock	Well Depth	Owner	Flow?				
				Log	ID	Northing		dd/mm/yy	m	Rec Rate	hh:mm	Final Use	Water	m	masl	cm	m	masl	m	masl	m	masl	m	masl	m	Rate LPM		
MELANCTHON TOWNSHIP	Hwy 124	CON 02	011	1700325	10059064	563857.00 4887366.00	478.8	10/2/1964	1804	7.9	68.2	2:0	1: 2: F:Water Sup	FRESH	12.2	466.6	10.2	10.7	468.1	0	7.9	470.9	10.7	468.1	14	464.8	TOPSOIL 0 CLAY MEDIUM SAND 9 BOULDERS MEDIUM SAND 11 GREY ROCK 14	N
MELANCTHON TOWNSHIP	Hwy 124	CON 02	011	1703665	10062364	563801.00 4887290.00	476.9	9/1/1988	2576	9.1	136.4	1:30	1: 2: F:Water Sup	Not stated	10.1	466.9	12.7	10.7	466.3	0	4.9	472.1	9.8	467.2	13.7	463.2	TOPSOIL 0 BROWN CLAY 4 BROWN SAND CLAY 7 GRAVEL CLAY 10 BROWN LIMESTONE 14	N
MELANCTHON TOWNSHIP	Hwy 124	CON 02	011	1703835	10062534	563820.00 4887280.00	477.8	5/9/1988	3406	7	45.5	1:10	1: 2: F:Water Sup	Not stated	8.2	469.6	12.7	8.2	469.6	0	3.7	474.2	7.9	469.9	9.8	468.1	BROWN SAND CLAY 4 BROWN SAND 8 BROWN SAND LIMESTONE 8 LIMESTONE 10	N
MELANCTHON TOWNSHIP	Cty Rd 17	CON 02	011	1703895	10062594	563234.00 4887099.00	482.0	4/26/1989	3813	8.2	59.1	15:0	1: 2: F:Water Sup	FRESH	15.5	466.4	12.7 12.7	15.5	466.4	0	8.2	473.8	14.3	467.7	15.5	466.4	SAND CLAY 14 LIMESTONE FRACTURED 16	N
MELANCTHON TOWNSHIP		CON 02	012	1702161	10060880	562464.30 4888073.00	499.5	9/4/1976	3406	28.3	22.7	1:30	1:Domestic 2: F:Water Sup	FRESH	32.9	466.6	12.7 10.2	32.9	466.6	0	27.4	472.1		32.9	466.6	BROWN GRAVEL 31 BROWN LIMESTONE 33	N	
MELANCTHON TOWNSHIP	Hwy 124	CON 02	013	1703421	10062122	563201.00 4888349.00	485.5	7/31/1984	1804	22.9	90.9	2:20	1: 2: F:Water Sup	FRESH Not stated FRESH	30.5	455	12.7	21.9	463.5	0	22.9	462.6	21.9	463.5	30.5	455	BROWN HARDPAN STONES 18 BROWN SAND GRAVEL 22 BROWN ROCK 30	N
MELANCTHON TOWNSHIP	3rd Line	CON 02	013	1705761	10524030	562427.00 4888404.00	491.9	11/16/2001	7015	23.8	127.3	1:0	1: 2: F:Water Sup	FRESH	26.8	465.1	15.2	26	465.9	0	18.3	473.6	25	466.9	28	463.9	TOPSOIL 0 BROWN CLAY SILT 4 BROWN SAND CLAY 12 BROWN CLAY GRAVEL 19 CLAY STONES 25 BROWN LIMESTONE 28	N
MELANCTHON TOWNSHIP	HM Main St	CON 02	014	1700954	10059692	563546.00 4889334.00	456.9	2/8/1969	3406	5.2	40.9	1:30	1: 2: F:Water Sup	FRESH	11.9	445	10.2	3.7	453.3	0	5.2	451.7	3	453.9	11.9	445	CLAY 3 LIMESTONE 9 BLUE SHALE 12	N
MELANCTHON TOWNSHIP		CON 02	014	7285152	1006381021	563393.00 4889476.00	473.1	3/2/2016	7564	10.1	40.9	1:0	1:Municipal 2: F:Water Sup	Untested Untested		6.8	12.5	460.6		9.5	463.6	6.1	467	17.4	455.7	BROWN CLAY SAND 6 BROWN LIMESTONE GRAVEL FRACTURED 12 BROWN LIMESTONE 17	N	
MELANCTHON TOWNSHIP	29 WEST CHARLES ST HORNING'S MILLS	CON 02	014	7347635	1007721790	563344.00 4889588.00	477.0	8/28/2019	7015	15.2	68.2	10:	1:Domestic 2: F:Water Sup			6.2 5	21.6	455.4	0	14.9	462.1	8.5	468.5	21.6	455.4	SAND GRAVEL CLAY 5 CLAY GRAVEL STONES 9 ROCK GRAVEL FRACTURED 10 BROWN LIMESTONE 18 WHITE LIMESTONE 22	N	
MELANCTHON TOWNSHIP	HM Main St	CON 02	015	1700333	10059072	563449.00 4889894.00	476.7	10/28/1965	4303	15.5	27.3	3:0	1: 2: F:Water Sup	FRESH	20.4	456.3	10.2	14.9	461.8	0	14.6	462.1	14.6	462.1	20.4	456.3	PREVIOUSLY DUG 9 GRAVEL 15 BROWN ROCK 20 BLUE SHALE 20	N
MELANCTHON TOWNSHIP		CON 02	015	7240430	1005328355	563338.00 4889561.00	476.0	8/12/2014	3406	14	22.7	1:	1:Domestic 2: F:Water Sup	Untested Untested	21.6	454.3	15.2	11.3	464.7		13.6	462.4	10.4	465.6	23.5	452.5	BROWN SAND 7 BROWN SAND GRAVEL CLAY 10 BROWN LIMESTONE ROCK FRACTURED 11 BROWN LIMESTONE 23	N
MELANCTHON TOWNSHIP	17 ADDESON STREET HORNINGS MILLS HORNING'S MILLS	CON 02	015	7174881	1003632596	563388.00 4889793.00	478.6	9/24/2011	2576		36.4	1:	1:Domestic 2: F:Water Sup	FRESH FRESH	22.6	456	15.2	13.7	464.8		15.8	462.7	10.4	468.2	23.5	455.1	GRAVEL 1 BROWN CLAY GRAVEL 4 GREY SAND GRAVEL WATER- BEARING 5 GREY SILT GRAVEL 10 BROWN LIMESTONE SOFT LAYERED 13 BROWN LIMESTONE 22 GREY LIMESTONE FRACTURED LAYERED 23	N
MELANCTHON TOWNSHIP	3rd Line	CON 03	010	1700342	10059081	562336.00 4886793.00	486.5	12/26/1961	3408	6.1	22.7	5:0	1:Domestic 2: F:Water Sup	FRESH	15.8	470.6	10.2	9.8	476.7	0	6.1	480.4	12.8	473.7	15.8	470.6	PREVIOUSLY DUG 8 YELLOW CLAY STONES 13 GREY LIMESTONE 16	N
MELANCTHON TOWNSHIP	4th Line	CON 03	012	1701316	10060048	561275.00 4887159.00	506.5	4/28/1972	3406	9.1	68.2	1:30	1: 2: F:Water Sup	FRESH	15.8	490.6	12.7	15.8	490.6	0	7.6	498.9		15.8	490.6	Strada BROWN GRAVEL CLAY 15 GREY GRAVEL 16	N	
MELANCTHON TOWNSHIP	4th Line	CON 03	012	1704291	10062989	561204.00 4887432.00	503.5	9/18/1990	2332	13.1	50	0:45	1: 2:Garner F:Water Sup	FRESH	17.4	486.1	12.7	16.8	486.7	0	13.1	490.4	9.1	494.4	17.4	486.1	Garner BLACK TOPSOIL 0 BROWN CLAY SANDY 3 BROWN FINE GRAVEL CLAY MEDIUM-GRAINED 9 GREY CLAY ROCK 16 BROWN ROCK 17	N
MELANCTHON TOWNSHIP	4th Line	CON 03	013	1700343	10059082	561098.00 4888019.00	510.4	7/11/1964	4703	18.3	45.5	4:0	1: 2:Scale House	FRESH	22.9	487.6	10.2	20.4	490	0	16.8	493.7	17.4	493.1	26.5	483.9	Scale House(MW6) CLAY GRAVEL 6 CLAY 12 CLAY	N

Municipality	Civic Address	Con	Lot	Well No	Bore Hole	UTM Easting	Elev masl	Drill Date	Driller ID	Pump Lev	Test Rate	Test Time	Water Use	Kind of	Water Found		Csg Dia	Casing Depth		Screen Depth		Screen Length	Static Level		Bedrock		Well Depth		Owner	Flow?
				Log	ID	Northing		dd/mm/yy	m	Rec Rate	hh:mm	Final Use	Water	m	masl	cm	m	masl	m	masl	m	masl	m	masl	Depths to which Formations Extend		Rate LPM			
MELANCTHON TOWNSHIP	Cty Rd 17	CON 04	011	1703449	10062150	560612,00 4886149,00	504,2	7/30/1987	3813	2,4	113,7	3:0	1: 2: F:Water Sup	FRESH	11,3	492,9	12,7	8,8	495,4			0	1,5	502,7	8,5	495,7	11,3	492,9	STONES 17 Limestone CLAY 20 Limestone CLAY 1 GRAVEL SILTY 6 HARDPAN 9 Limestone FRACTURED 11	N

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- 1) MECP water well database March 31, 2023 version
- 2) For wells completed before 2003, only edited locations were included in the query.
- 3) Ground elevations from LiDAR DEM (acquired between Oct 24 and Nov 10, 2022,CGVD2013), LIO GeoHub

Table H.2

MECP (Strada) Water Supply Wells

with Less Than 10m Drawdown available above Well base (Melancthon LOT 8 to 17, CON 1 to 4 OS)

WELL ID	CONREG	CONN	LOT	Date Completed	Depth of Well (m)	Depth of Static Water Level (m)
1700417	CON	01	008	15-Sep-66	15.24	5.486
1701111	CON	01	011	28-Apr-70	16.154	6.706
1703830	CON	01	012	01-Nov-88	43.891	35.052
1704294	CON	01	013	05-Feb-91	20.726	14.63
1704004	CON	01	013	06-Oct-89	18.288	10.668
1702836	CON	01	014	23-Jul-81	18.288	8.534
1700307	CON	01	014	15-May-65	10.058	0.914
1701050	CON	01	014	22-Nov-69	6.706	3.048
1701877	CON	01	014	07-May-75	27.737	18.288
1700313	CON	01	015	18-Oct-62	24.994	18.288
1701158	CON	01	015	17-Aug-70	19.812	13.106
1700311	CON	01	015	11-Apr-62	22.86	13.716
1700310	CON	01	015	26-Jan-61	19.812	14.326
1700309	CON	01	015	05-Sep-59	25.298	17.069
1705943	CON	02	013	05-Nov-02	22.555	15.24
1700326	CON	02	013	02-Nov-59	27.432	24.384
1700330	CON	02	014	30-Sep-64	11.887	6.096
1700327	CON	02	014	15-Jun-51	10.058	2.134
1700328	CON	02	014	18-Sep-59	13.411	7.925
1700896	CON	02	015	28-Aug-68	22.25	14.63
1700332	CON	02	015	08-Aug-63	25.298	18.288
1700334	CON	02	015	02-Aug-67	18.288	14.326
1700335	CON	02	015	29-Jul-67	18.288	14.021
1700885	CON	02	015	27-Aug-68	23.774	15.24
1701517	CON	02	015	22-Aug-73	19.812	15.24
1702399	CON	02	015	08-Jun-78	27.432	18.288
1701160	CON	02	016	26-Aug-70	16.764	9.449
1702110	CON	04	010	08-Apr-76	14.021	6.096
1700933	SR E	03	004	15-Mar-68	12.192	3.048
1703836	SR E	03	006	19-Oct-88	17.069	8.23

Well Count: 30

Note:

- 1) MECP water well database March 31, 2023 version
- 2) Well Locations not confirmed, elevation Lookup not available

