

October 8, 2024

CMT Engineering Inc.
1011 Industrial Crescent, Unit 1
St. Clements, ON
N0B 2M0
Attn: Dale Bender

Re: Seasonal Groundwater Level Monitoring
306 Woodview Drive
Atwood, Ontario
Project 10281

Hydrogeology Consulting Services Inc. (HCS) was retained by CMT Engineering Inc. to conduct groundwater elevation monitoring at the above-referenced property between April and June, 2024 as part of a hydrogeological investigation for the above-referenced property. This supplementary report should be appended to the HCS hydrogeological investigation report (dated December 20, 2021).

Water levels were manually measured using an electronic water level tape in three monitoring wells on the property on four occasions between January 24 and June 19, 2024.

The attached Table 1 provides a summary of manual water levels measured below ground surface and related to a geodetic datum (i.e. metres above sea level).

It is noted the manual groundwater level measurements show a pronounced increase in groundwater levels between winter (January) and summer (June), which is expected to reflect the generally high rates and frequencies of precipitation occurring during the early-mid 2024.

Based on the observations and discussions above, it is concluded that the overall change in measured groundwater elevations beneath the subject property between January and June, 2024 was up to 2.10 m. This fluctuation correlates relatively well with typical seasonal groundwater fluctuations observed by HCS at properties throughout Southern Ontario when considering the above-average precipitation occurring in early-mid 2024.

We trust this report satisfies your present requirements, and we thank you for this opportunity to be of service. If you have any questions, or require further hydrogeological consulting services, please feel free to contact the undersigned directly.

Respectfully submitted,



Chris Helmer, B.Sc., P.Geol.
Senior Hydrogeologist
MECP Licensed Well Contractor and Class 5 Well Technician
www.hydrog.ca



encl. Table 1 – Groundwater Level Measurements

306 Woodview Drive, Atwood
Table 1 - Groundwater Level Measurements

Name	Ground Surface Elevation (mASL)	Stickup (m)	24-Jan-24			22-Apr-24			02-May-24			19-Jun-24		
			(mBTOP)	(mBGS)	(mASL)	(mBTOP)	(mBGS)	(mASL)	(mBTOP)	(mBGS)	(mASL)	(mBTOP)	(mBGS)	(mASL)
BH1	364.18	0.73	3.11	2.38	361.80	1.44	0.71	363.47	1.46	0.73	363.45	1.95	1.22	362.96
BH2	363.71	0.93	2.98	2.05	361.66	1.68	0.75	362.96	1.69	0.76	362.95	1.78	0.85	362.86
BH7	363.67	1.00	3.92	2.92	360.75	1.91	0.91	362.76	1.90	0.90	362.77	1.83	0.83	362.84
BH8	363.96	1.04	3.99	2.95	361.01	1.90	0.86	363.10	1.90	0.86	363.10	1.89	0.85	363.11

mASL - metres Above Sea Level
mBGS - metres Below Ground Surface