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Locations

Peterborough
Kingston
Barrie
Ottawa
Whitby

Laboratory

Peterborough



July 7, 2025

China Canada Jing Bei Xin Min International
118 Gemini Crescent
Richmond Hill, ON, L4S 2K7

c/o EcoVue Consulting Services Inc.

Attn: Andreas Houlios

EcoVue Consulting Services Inc. – Planning and Development Lead

Re: Phase 1 Development Area – Water Level Measurement Program
309 Zephyr Road, Zephyr, Ontario
Cambium Reference: 18619-003

Dear Andreas Houlios,

China Canada Jing Bei Xin Min International Co. Ltd. (Client), care of EcoVue Consulting Services Inc., retained Cambium Inc. (Cambium) to initiate a water level measurement program at 309 Zephyr Road, Zephyr, Ontario (the Site).

The water level measurement program focussed on the Phase 1 development area, which encompasses the northern area of the Site.

This letter report summarizes the water level measurements made from existing wells (installed by others) located in the Phase 1 development area.

Scope of Work

There were ten monitoring wells located in the Phase 1 development area. The monitoring wells were labelled as UW1 through UW5, TP101, TP103, TP104, TP105 and BH204-24. The locations of these wells are outlined on attached Figure 1. Water level measurements were made from the wells at various frequencies and time frames.

Initially, four water level measurements were completed at all wells during April, May and June of 2024 as part of a separate work program completed by Cambium.

Following the initial water level measurements, additional water level measurements were focussed in the eastern portion of the Phase 1 development



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area. Five additional water level events were completed at wells TP101, TP103, TP104 and TP105 between November of 2024 and May of 2025. It is understood that the area of focus was shifted towards the eastern area of Phase 1 since additional information regarding water levels in this portion of the Site was required.

All water levels were measured with the use of an electric water level measurement tape. Results of the water level measurement program are attached in Table 1.

Groundwater flow contours of the shallowest groundwater conditions are outlined on attached Figure 1 (these conditions occurred on March 18 and April 23, 2025). In addition, groundwater levels have been measured in DW-1 (a dug supply well) and MW101-25 (a 0.05 m diameter PVC monitoring well installed by Cambium) which are both located to the south in the Phase 2 development area. Water level/elevation conditions recorded from these two wells were incorporated into the groundwater flow contours to develop a better understanding of shallow groundwater conditions in the area.

Based on the groundwater elevations, groundwater flow within the Phase 1 area is generally east with some aspects directed to the northeast and southeast. As expected, water levels were typically shallowest in the spring months (March/April). The water level measured and groundwater elevations are included in Table 1.



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Closing

This letter summarizes the water level measurement information collected within the Phase 1 development area. The water level measurement program has ceased at the time this document was prepared. We trust these data are satisfactory. If you have any questions, please contact the undersigned at 705-742-7900.

Best regards,

Cambium Inc.

Cameron MacDougall, P.Geo.
Project Manager - Hydrogeologist

CJM

*Encl. Cambium Qualifications & Limitations
 Figure 1: Phase 1 High Groundwater Conditions
 Table 1: Water Level Measurements and Elevations*

Copies: Andreas Houlios – EcoVue Consulting

P:\18600 to 18699\18619-003 EcoVue Consultin Services Inc - Water Well Survey and Additional HG\Deliverables\Report - Phase 1 WLs\2025-07-02 Hidden Ridge Phase 1 Water Level Measurements.docx



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July 7, 2025

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C:\GIS\MapDocs\18619-003\18619-003 EcoMap Survey and Additional HG2025-06-27 Phase 1 Highwater Groundwater Contours 18619-003.aprx



HYDROGEOLOGICAL ASSESSMENT

CHINA CANADA JING XIN MIN INTL
309 Zephyr Road
Zephyr, Ontario

LEGEND

- Test Pit
- Water Supply Well
- Monitoring Well
- Groundwater Elevations
March 18, 2025
- Groundwater Elevations
April 23, 2025
- Groundwater Contours
March 18, 2025
- Groundwater Contours
April 23, 2025
- Phase 1 Development
- Phase 2 Development
- Site (approximate)
- Groundwater Flow Direction
March 18, 2025
- Groundwater Flow Direction
April 23, 2025

Notes:
- Imagery obtained from the Regional Municipality of Durham; 2024
- Orthophotography provided by © First Base Solutions Inc.; © King's Printer for Ontario, 2025.
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PHASE 1 HIGH GROUNDWATER CONDITIONS

Project No.:	18619-003	Date:	July 2025
Scale:	1:1,250	Projection:	NAD 1983 UTM Zone 17N
Created by:	LD	Checked by:	CM
Figure:			1

18619-003 Hidden Ridge Development

Table 1: Water Level Measurements and Elevations

Groundwater Level (mbgs)

							01-Apr-24	22-Apr-24	23-May-24	26-Jun-24	26-Nov-24	26-Feb-25	18-Mar-25	23-Apr-25	30-May-25	Maximum	Minimum
Well	Easting	Northing	Approx. Ground Surface Elev.	Total depth of well (mtp)	Total depth of well (mbgs)	Stickup (m)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)	WL (mbgs)		
UW 1	638812	4895620	250.50	4.32	3.62	0.70	1.96	1.51	1.93	2.17		-	-	-	-	2.17	1.51
UW 2	638865	4895599	254.30	5.33	4.48	0.85	3.36	2.63	2.94	3.41		-	-	-	-	3.41	2.63
UW 3	638858	4895589	254.60	3.97	3.10	0.87	Dry	2.84	Dry	Dry		-	-	-	-	2.84	2.84
UW 4	638871	4895541	256.10	6.32	5.74	0.58	4.26	3.38	3.80	4.22		-	-	-	-	4.26	3.38
UW 5	638871	4895554	255.70	4.17	3.18	0.99	Dry	3.07	Dry	Dry		-	-	-	-	3.07	3.07
TP101	638858	4895586	254.75	3.60	2.80	0.80	2.71	2.70	2.66	2.67	2.71	2.70	2.37	2.62	2.62	2.71	2.37
TP103	638949	4895599	253.60	3.58	2.68	0.90	Dry	2.29	2.67	1.97	Dry	Dry	Dry	2.37	Dry	2.67	1.97
TP104	638991	4895610	249.10	3.55	3.05	0.50	1.13	0.70	1.15	1.22	2.05	2.02	0.65	0.74	1.02	2.05	0.65
TP105	638960	4895705	246.30	2.16	1.55	0.61	0.82	0.34	0.85	1.24	Dry	Dry	0.26	0.43	0.73	1.24	0.26
BH204-24	638880	4895660	251.50	5.43	4.61	0.82	-	1.96	2.43	2.74		-	-	-	-	2.74	1.96

Groundwater Elevations (masl - approximate)

							01-Apr-24	22-Apr-24	23-May-24	26-Jun-24	26-Nov-24	26-Feb-25	18-Mar-25	23-Apr-25	30-May-25	Maximum	Minimum
							masl	masl	masl	masl	masl	masl	masl	masl	masl		
UW 1	-	-	-	-	-	-	248.54	248.99	248.57	248.33		-	-	-	-	248.99	248.33
UW 2	-	-	-	-	-	-	250.94	251.67	251.36	250.89		-	-	-	-	251.67	250.89
UW 3	-	-	-	-	-	-	Dry	251.76	Dry	Dry		-	-	-	-	251.76	251.76
UW 4	-	-	-	-	-	-	251.84	252.72	252.30	251.88		-	-	-	-	252.72	251.84
UW 5	-	-	-	-	-	-	Dry	252.63	Dry	Dry		-	-	-	-	252.63	252.63
TP101	-	-	-	-	-	-	252.04	252.05	252.09	252.08	252.04	252.05	252.38	252.13	252.13	252.38	252.04
TP103	-	-	-	-	-	-	Dry	251.31	250.93	251.63	Dry	Dry	Dry	251.23	Dry	251.63	250.93
TP104	-	-	-	-	-	-	247.97	248.40	247.95	247.88	247.05	247.08	248.45	248.36	248.08	248.45	247.05
TP105	-	-	-	-	-	-	245.48	245.96	245.45	245.06	Dry	Dry	246.04	245.87	245.57	246.04	245.06
BH204-24	-	-	-	-	-	-	-	249.54	249.07	248.76		-	-	-	-	249.54	248.76