



2018-04-20

Josh Leiderman  
Laurel View Homes  
4001 Chesswood Drive  
North York, ON  
M3J 2R8

Dear Mr. Leiderman:

WSP Canada Inc. (WSP) submitted a Hydrogeological Study and Water Balance Assessment for the property located at 1357 Belle Aire Beach Road, Innisfil, Ontario in July 2017. This report included groundwater elevation results for three (3) on-site monitoring wells and documented that groundwater elevations would continue to be monitored every two (2) months (bi-monthly) over the period of a full year beginning in February 2017. The location of the Site and on-site monitoring wells are shown in **Figure 1** and **Figure 2**, respectively. WSP has carried out this monitoring from February 2017 to February 2018 and herein presents the findings. The measurement dates and the measured groundwater depths and elevations are presented in **Table 1**.

The measured groundwater depths and elevations indicate that the seasonal high groundwater levels were observed between February and May. This is consistent with WSP's expectations as groundwater levels are expected to be highest during periods when the spring melt occurs. The depth to groundwater varied between 0.32 and 0.75 m below ground surface (bgs) at BH1; between 0.56 and 1.06 m BGS at BH5; and between 0.77 and 1.51 m BGS at BH10. The highest groundwater levels were observed in February 2018 (BH1); May 2017 (BH5); and February 2017 (BH10). The lowest levels were observed in May 2017 (BH1); December 2017 (BH5); and October 2017 (BH10).

This letter documents the conclusion of the bi-monthly groundwater elevation monitoring program. This letter is considered to be an Addendum to the Hydrogeological Study and Water Balance Assessment document. If you have any questions or concerns, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Lloyd Lemon'.

Lloyd Lemon, M.Sc., P.Geo.  
Senior Project Geoscientist

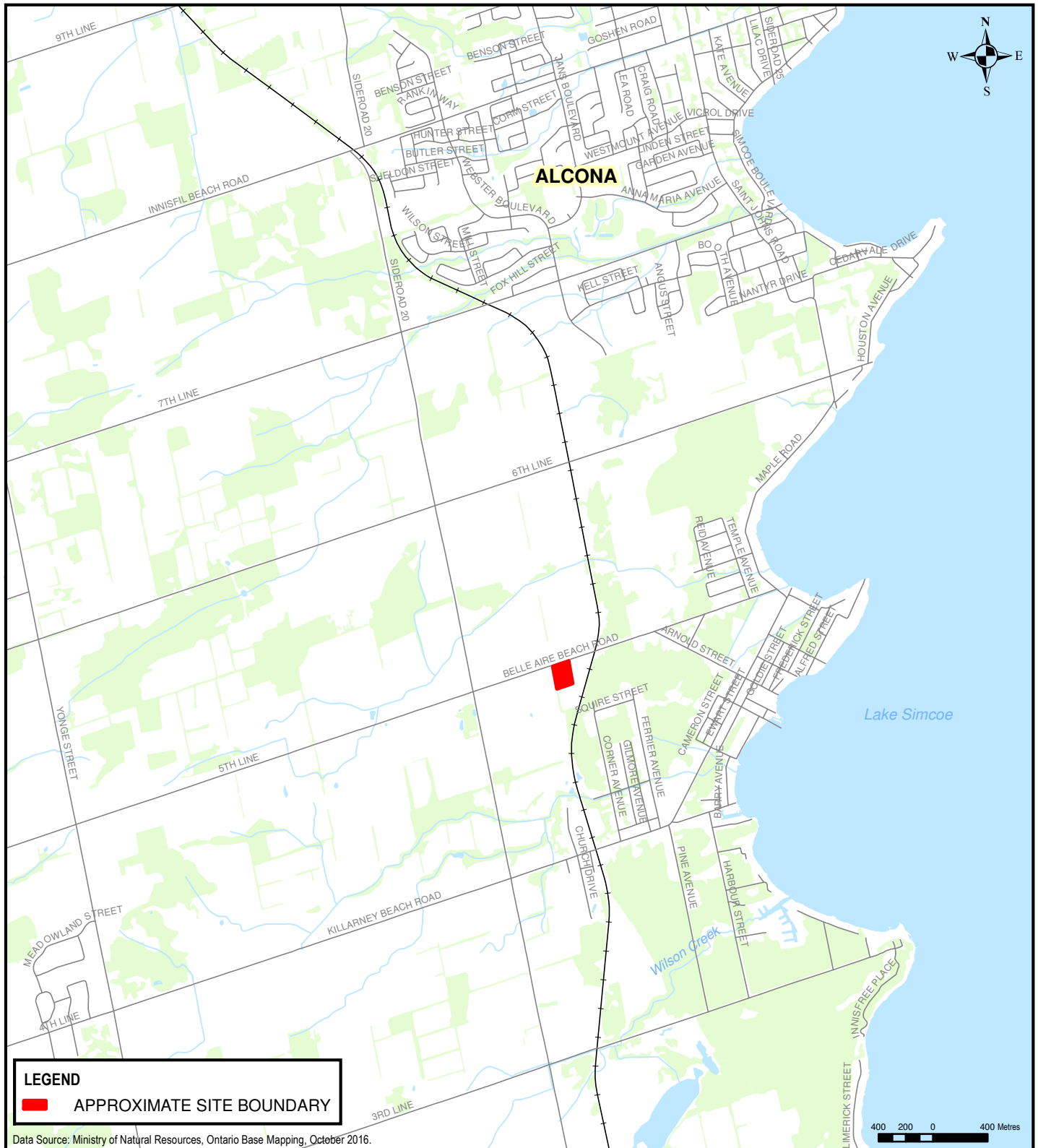
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# ATTACHMENTS

FIGURE 1: LOCATION MAP

FIGURE 2: EXISTING CONDITIONS

TABLE 1: OBSERVED GROUNDWATER ELEVATIONS



LEGEND

APPROXIMATE SITE BOUNDARY

Data Source: Ministry of Natural Resources, Ontario Base Mapping, October 2016.

<div> <div> <div>WSP</div> <div> 126 DON HILLOCK DRIVE, UNIT 2  AURORA, ONTARIO CANADA L4G 0G9  TEL.: 905-750-3080   FAX: 905-727-0463   WWW.WSP.COM </div> </div> </div>	PROJECT:	HYDROGEOLOGICAL STUDY 1357 BELLE AIRE ROAD INNISFIL, ONTARIO		SCALE:	1:40,000	
	TITLE:	SITE LOCATION MAP		DRAWN BY:	TP	CHECKED BY:
	CLIENT:	LAUREL VIEW HOMES		PROJECT NO:	171-07236-00 100	
				DATE:	JUNE 2017	
				FIGURE NO:	1	REV:
						-



Data Source: Ministry of Natural Resources, Ontario Base Mapping, October 2016. Imagery, Simcoe County, 2016.



126 DON HILLOCK DRIVE, UNIT 2  
AURORA, ONTARIO CANADA L4G 0G9  
TEL.: 905-750-3080 | FAX: 905-727-0463 | WWW.WSP.COM

PROJECT:	HYDROGEOLOGICAL STUDY 1357 BELLE AIRE ROAD INNISFIL, ONTARIO		SCALE: 1:1,250	
			DRAWN BY: TP	CHECKED BY: -
	TITLE:  EXISTING CONDITIONS		PROJECT NO: 171-07236-00 100	
			DATE: JULY 2017	
CLIENT:	LAUREL VIEW HOMES		FIGURE NO: 2	REV.: -

**TABLE 1**  
**OBSERVED GROUNDWATER ELEVATIONS**  
**HYDROGEOLOGICAL STUDY AND WATER BALANCE ASSESSMENT**  
**1357 BELLE AIRE ROAD,**  
**INNISFIL, ON**

Monitor Designation	Elevation of T.O.P.	Ground Elevation	PVC Casing Stick-up	Measurement Date	Depth to Water		Water Elevation
	m ASL	m ASL	m		m bmp	m bgl	m ASL
BH1	243.42	242.39	0.95	27-Feb-17	1.40	0.45	242.02
				30-May-17	1.70	0.75	241.72
				12-Jul-17	1.67	0.72	241.75
				18-Oct-17	1.65	0.70	241.77
				18-Dec-17	1.61	0.66	241.81
				1-Feb-18	1.27	0.32	242.16
BH5	242.01	241.02	0.99	27-Feb-17	1.63	0.64	240.38
				30-May-17	1.55	0.56	240.46
				12-Jul-17	2.00	1.01	240.01
				18-Oct-17	2.01	1.02	240.00
				18-Dec-17	2.05	1.06	239.96
				1-Feb-18	1.84	0.85	240.17
BH10	249.04	247.97	1.01	27-Feb-17	1.78	0.77	247.26
				30-May-17	2.15	1.14	246.89
				12-Jul-17	2.28	1.27	246.76
				18-Oct-17	2.52	1.51	246.52
				18-Dec-17	2.36	1.35	246.68
				1-Feb-18	1.96	0.95	247.08

**Notes:**

- 1) "m ASL" indicates metres above sea level.
- 2) "m" indicates metres.
- 3) "m bmp" indicates metres below measurement point, which is the top of pipe (referred to as T.O.P.)
- 4) "m bgl" indicates metres below ground level.
- 5) Ground Elevations obtained from Hydrogeological Investigation Report (Norbert M. Woerns, M.Sc., P.Geo., February 2009), and Site Survey.