



Stantec Consulting Ltd.  
300W-675 Cochrane Drive, Markham ON L3R 0B8

June 6, 2022  
File: 161413772

**Attention: Mr. Stuart Cooper, RPP**  
Senior Development Manager  
Windmill Developments  
30 Sudbury Street  
Toronto, ON M6J 0G6

Dear Stuart Cooper,

**Reference: Addendum No. 1 - Hydrogeological Investigation for Proposed Redevelopment of  
55 Baker Street, 152 & 160 Wyndham Street North, Guelph, ON**

Stantec Consulting Ltd. (Stantec) has been retained by Baker Street Development Fund LP (the Client) c/o Windmill Development Group (Windmill) to undertake a hydrogeological assessment of the development plans for the property located at the municipal addresses of 55 Baker Street, 152 and 160 Wyndham Street North, Chapel Lane and Park Lane, in the City of Guelph, Ontario (the Site). The proposed development reflects two 15 storey residential towers (i.e., North and South Towers), a townhouse block and a library with up to two levels of underground parking proposed over most of the Site.

In accordance with the City of Guelph's Guidelines for Environmental Impact Studies (April 2020), Stantec prepared a hydrogeological assessment report in support of the proposed Site development. The hydrogeological assessment report is entitled, "Hydrogeological Investigation for Proposed Redevelopment of 55 Baker Street, 152 & 160 Wyndham Street North, Guelph, ON" and dated October 19, 2021.

Following the issue of the hydrogeological report (Stantec, 2021), groundwater elevation monitoring remained on-going at eleven monitoring well locations until May 24, 2022. These groundwater elevation monitoring data are summarized in Figure 1 (attached) and described below. This Addendum should be read in conjunction with Stantec's hydrogeological report (Stantec, 2021).

Groundwater hydrographs shown on Figure 1 show minor seasonal fluctuation, with a range of less than 0.5 m over the period of record. The hydrograph trends are consistent, indicating the water table surface and groundwater flow direction remained consistent during the monitoring period.

Relative to the discussion provided above, the hydrograph for MW105 is a notable exception. The hydrographs for MW105 shows sharp and exaggerated responses to precipitation and fluctuations of approximately 1.2 m over the monitoring period. The hydrograph for MW105 is expected to reflect a perched condition, which is mounding of groundwater recharge on low permeability soils above the water table elevation.

The hydrographs shown on Figure 1 support Stantec's 2021 hydrogeological assessment. Based on these data, no analytical adjustments or hydrogeological report revisions are necessary.

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## **CLOSURE**

We trust the hydrogeological monitoring data and report addendum provided herein are satisfactory for your present purposes. If you have any questions or require clarification, please do not hesitate to contact the undersigned.

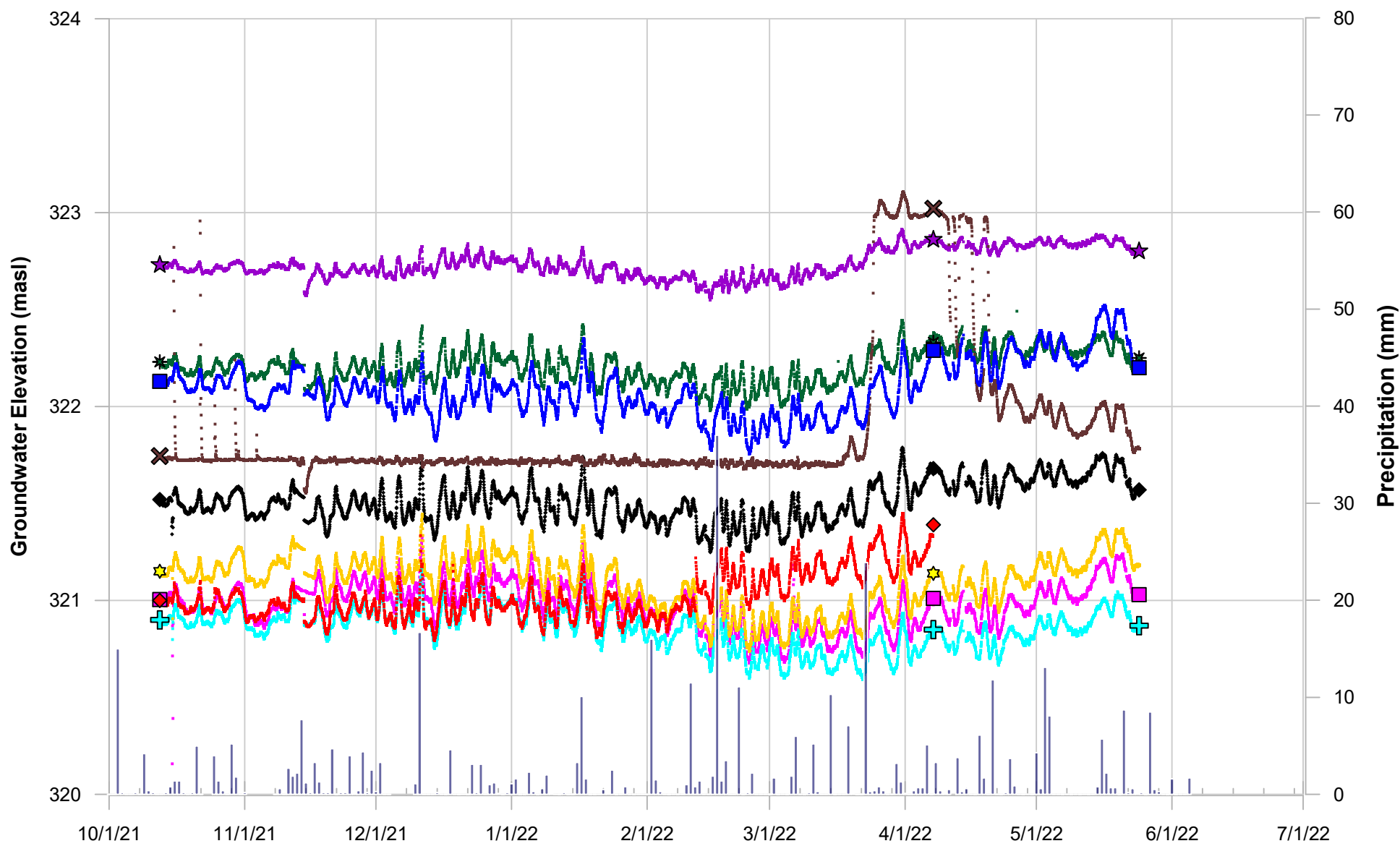
Sincerely,

**Stantec Consulting Ltd.**

**Stephen Di Biase** P.Geo.  
Senior Hydrogeologist  
Phone: 647-282-0563  
stephen.dibiase@stantec.com

Attachment: Figure 1 – Monitoring Well Hydrographs Proposed Redevelopment of 55 Baker Street

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Legend			
<span style="color: blue;">■</span> MW100	<span style="color: brown;">▲</span> MW103	<span style="color: magenta;">✱</span> MW107B	
<span style="color: red;">◆</span> MW101	<span style="color: cyan;">✚</span> MW104	<span style="color: magenta;">■</span> MW108	
<span style="color: green;">●</span> MW102A	<span style="color: brown;">✕</span> MW105	<span style="color: black;">◆</span> MW110	
<span style="color: yellow;">★</span> MW102B	<span style="color: purple;">★</span> MW107	<span style="color: blue;">■</span> Precipitation	

**Note:**  
 Precipitation data from Environment  
 Canada Guelph Turfgrass Institute  
 climate station (ID 6143092),  
 accessed on June 5, 2022

### Monitoring Well Hydrographs Proposed Redevelopment of 55 Baker Street



DRAWN: AW	APPROVED: SMD	DATE: June 2022
PROJECT NUMBER: 16143772		FIGURE: 1