

to:	Azure Urban Developments Mr. John Thomas – jthomas@azureurban.com
re:	City Comment – Groundwater 2070 Scott Street, Ottawa
date:	December 14, 2020
file:	PE4435-MEMO.01
from:	Michael Beaudoin

Paterson Group (Paterson) identified, as part of the Phase II ESA, a marginal exceedance of Benzene in BH1/MW1 in the southwest corner of the Phase II ESA property. Given that the water is within the bedrock deposit, the volume of impacted water is expected to be very small. Impacted water is expected to be managed with a Vac-truck and not an on-site groundwater treatment system.

While these impacts are not completely delineated, BH1/MW1 is located within the former tank nest where the highest contaminant concentrations would be expected to be encountered. Combining this with the groundwater flow direction to the north, into the site and away from the southern and western property boundaries we do not expect the impacted groundwater to have migrated off-site.

Confirmation that the impacted groundwater has been successfully remediation is a requirement of a Record of Site Condition submission. Based on this, no impacted groundwater will be present on the Phase II ESA property following the completion of our groundwater remediation program and therefore, there will be no risk of impacted groundwater entering future building foundations.

We trust that this information satisfies your requirements,

Best Regards,

Paterson Group Inc.



Michael Beaudoin, P.Eng., QP_{ESA}



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