

Subject: Re: Strada - Geotechnical - Questions from HydroG Peer Reviewer

From: Garry Hunter <ghunter@hunter-gis.com>

Date: 2024-08-30, 3:44 p.m.

To: Alicia Kimberley <akimberley@tathameng.com>, "dirk@earthfx.com" <dirk@earthfx.com>, EJ Wexler <ejw@earthfx.com>, Gabriel Bacca Cortes <gabrielbc@earthfx.com>, Connor McCormick <connor.mccormick@gemtec.ca>, Graeme Skinner <graeme.skinner@gemtec.ca>, Natalie Kotyck <info@ndact.ca>

BCC: Carl Cosack <cosack@zing-net.ca>

To all,

To summarize our Teams Meeting today:

1. Earthfx confirmed the Layer 6 Model Water Potentials Rise at the 4th Line west of the Prince Property to be to about 500 m asl (no action required).
2. GEMTEC to update its report to summarize our discussion today and provide a conceptual detail section of the Gemtec proposed impermeable Lower Barrier (Dam) connecting (welding) the native Cabot Head Shales and the Goat Island Aquitard across the Gasport Aquifer.
3. Earthfx to update its report text (not this current model scenario) to accurately reflect GEMTEC observations and conclusions (Earthfx currently in conflict)
4. All to consider a contingency plan based on a Model Scenario for Lower Barrier Failure as result of preferential karstic fracture flow, in my independent terminology 'groundwater flow trough convergence zone' and in Earthfx terminology 'enhanced conductivity zone'.

I do note that my ongoing Peer Review analysis, of Strada site anomalous water level data, indicates likely hydraulic connection through the Goat Island Aquitard at OW19C at the 4th Line and Lot 13 / 14 boundary (Prince Pit) as well as at two or three other locations.

5. In addition, I also request that GEMTEC obtain a few representative on site Till grab samples at fresh exposures and undertake grain size and other analyses and classify these on site soils for purpose.

Thank you.

Yours truly,

Garry T. Hunter M.A.Sc. P.Eng.

President

Hunter and Associates / Hunter GIS

2285 Dunwin Drive, Unit 18

Mississauga, ON L5L 3S3

Tel (905) 607-4120

Fax (905) 607-1132

Email ghunter@hunter-gis.com

Website <http://www.hunter-gis.com>

This message contains confidential information intended only for the use of the person or entity named as recipient. The distribution or copying of this e-mail by anyone other than the intended recipient is prohibited. If you have received this message in error, please notify us and delete your copy. Thank you for your cooperation

On 2024-08-29 12:47 p.m., Alicia Kimberley wrote:

- Geotechnical peer review comments

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 235 878 715 456

Passcode: daMg9N

Dial in by phone

[+1 647-749-9308,,371145982#](#) Canada, Toronto

[Find a local number](#)

Phone conference ID: 371 145 982#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

- Alicia Kimberley has invited you to Strada - Geotechnical - Questions from HydroG Peer Reviewer