

Subject: Strada Pits: Water Table 'A' Contours overlaid on Site Rehabilitation Plans

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

Date: 2024-04-23, 3:03 p.m.

To: Alicia Kimberley <akimberley@tathameng.com>

CC: Dirk Kassenaar <dirk@earthfx.com>, Daniel Twigger <dtwigger@tathameng.com>, James Newlands <jnewlands@mhbcplan.com>

Alicia,

We enclose a version of your Compliance Fig 4 April 2023 'A' Water table wells overlaid on the Strada Pits Rehabilitation Plans. These contours are based on the data as shown on your Fig 4 converted to CGVD28 for comparison and lightly smoothed. We are uncertain how your contours were generated or why they are so different.

We note that towards the western boundary in the Melancthon Pit # 1 and in the Prince Pit **the 500 m water table contour is as much as 10 m above the 390 m asl specified Pit rehabilitation floor or 11.5 m above the Melancthon # 1 Site Plan implied water table.** Other areas also have the water table above the Site Plans rehabilitation pit floors.

I suggest part of this issue is an inadequate number and distribution of groundwater monitors (No Data areas). Alternatively the Site Plans may contemplate extraction into the site water table gradient. I also suggest that it is not in Strada (or NDACT) interest for this Site Plan conflicting information to be circulated to approval agencies until properly vetted.

We can discuss this further at our Friday scheduled meeting.

Yours truly,

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

Preside

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

----- Forwarded Message -----

Subject:Strada: Groundwater Contour with Rehabilitation Plans

Date:Tue, 23 Apr 2024 14:11:37 -0400

From:Rachel Li <rli@hunter-gis.com>

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

Hello Garry,

Attached PDF file is 17MB. If you have trouble to send it, we can use Sharefile site to send the file.

Thank you
Rachel

— Attachments: —

Water Table Contours with Rehabilitation Plans_Hunter20240423.pdf

16.9 MB