

Subject: Re: Strada Re: Potential Presentation - DRAFT3- up to 50 % flow reduction
From: Garry Hunter <ghunter@hunter-gis.com>
Date: 2025-01-23, 1:39 p.m.
To: Natalie Kotyck <info@ndact.ca>
CC: Carl Cosack <cosack@zing-net.ca>, Scott Macphee <smacphee@hunter-gis.com>

The corresponding Strada reduction statement is in Oct 2024 Appendix E s3.6.3 9 (pg 85) and quoted in my Jan 10, 2024 - Level 1 and Level 2 Hydrogeological Assessment Summary (pg 11). However still best to quote NRSI.

We are now making 6 colour copies of the Exhibit Book / Slide Presentation (live work in progress). Two for Scott and I, one for NDACT. I have to say it looks good!

With respect to WSP, as an adjudicator, WSP is a prime consultant on the Caledon Quarry at Cataract and for Uppers Quarry at Niagara Falls and likely others. There may be an industry bias.

Yours truly,

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

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On 2025-01-23 1:23 p.m., Garry Hunter wrote:

1

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On 2025-01-23 11:42 a.m., Garry Hunter wrote:

The flow reduction may be even higher after Quarry closure during excavation water filling.

Scott spoke to Greg, technology all in order.

Greg inspecting room at 4:30 pm today, he will talk to Scott again at that time.

We have most of our Display Boards in our slides. Not sure if we will take the Boards.

Yours truly,

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On 2025-01-23 10:42 a.m., Natalie Kotyck wrote:

Good Morning Garry!

Thank you for providing us with the reference for the 50%. In a previous meeting, the Strada folks had picked up on the number but were uncertain where it came from, how it was derived, or what the percentage was related to - i.e. 50% of what? This provides a loopback to specific Strada consultant reports.

Attached are the two presentations. The main Issue List and the Monitoring items.

We are looking forward to tomorrow's meeting!

Thanks for all your hard work Garry - so appreciated!

Natalie

On Thu, Jan 23, 2025 at 10:25 AM Garry Hunter <ghunter@hunter-gis.com> wrote:

Natalie,

For the up to 50 % flow reduction comment, I am relying on the Oct 2024 NRSI Report (pg 223) as summarized in s3.5 NAT-18 (pg 8) in my Dec 10, 2024 Memo - Strada 2024 October Proposed Quarry Site Plans and Impact Assessment.

Earthfx say something similar but not as bold. I will also look up before tomorrow. However better evidence chain to rely on the NRSI interpretation of Earthfx.

Please send us your final Potential Presentation so we can also have it available on our computer.

Yours truly,

Garry T. Hunter [M.A.Sc.](mailto:ghunter@hunter-gis.com) P.Eng.
President

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On 2025-01-22 5:28 p.m., Garry Hunter wrote:

Yes, this is your (NDACT) document, so please finalize. I want to stay separate for purposes of the meeting.

I must emphasize that this Peer Review is not yet complete.

'Could' is fine.

The 50 % more or less is buried in both NRSI and Earthfx Appendix E but not as bold and precise (see my Dec 10 Reports especially NRSI, also buried in Earthfx) I am also rounding. Besides we don't have confidence in the model.

Maybe I will have time to look before the meeting.

This is the problem with rewriting this stuff no matter the merits, each version requires again going back and checking.

Yours truly,

Garry T. Hunter [M.A.Sc.](#) P.Eng.
President

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On 2025-01-22 3:28 p.m., Natalie Kotyck wrote:

I will adjust the modelling page to fit better. Can you please answer the questions from my previous email so that I can finalize the document?

Questions:

I have noted (in red) the use of "would" versus "could" in slide 9 & 15. "Would" is pretty absolute - should we not change these to "could" as there is still more study to do?

Slide 7 - The statement "...reduces groundwater and stream flows at Hornings Mills Main Street by as much as 50 % for some extraction phases..." Where does this statistic come from? I thought I saw it in an NRSI report - but am unsure.

Thanks!

On Wed, Jan 22, 2025 at 3:23 PM Garry Hunter <ghunter@hunter-gis.com> wrote:

Natalie,

I suggest you keep the 'Modeling Deficiencies' on a separate page so we can pull them up in response. You may wish to adjust the type size of this page.