

zoran@archnova

Sent: February 24, 2014 10:34 AM
To: Zoran Archnova; James McEwen
Subject: Re: 2403 Huntley Road photos

Hello Zoran,

Our test pit investigation has determined that the native soil at the subject site consists mainly of sandy soil. However, the western half (\pm) of the property does have fill at surface. As such, for conceptual septic sizing purposes, it is assumed the leaching bed will be installed within the eastern half of the property, and will be a partially raised Type A Dispersal bed.

Assuming a maximum daily design sanitary sewage flow of 9,999 litres, the estimated area that will be required for the installation of a Type A dispersal bed is about 420 sq.m. (likely \pm 26 m x \pm 16 m). The leaching bed area must remain free of hard surfacing (be grassed) and traffic. This area does not include area that will be needed adjacent to the building(s) for placement of septic tanks, treatment units, and pump station(s). Minimum setbacks between the leaching bed and the buildings (\pm 5 to 8 m), property lines (\pm 3 to 6 m), and waterbodies (15 to 18 m) will apply.

Let me know if you have any questions.

Matthew Rainville, C.E.T.
Sr. Technologist
tel: 613.836.1422 ext. 226
cell: 613.227.1617



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On 1/23/2014 1:13 PM, Zoran Archnova wrote:

Thank you James,

I have done the septic sizing based on max allowable flow of 10m³/day. I believe that real capacity is less so your analysis of soil and infiltration capacity will be the one to say what's real.

A preliminary analysis is all what we need at this stage, it is for rezoning purposes.

Regards,

Zoran Mrdja
Sent from my iPhone

On 23.01.2014., at 12.46, James McEwen <jmcewen@hceng.ca> wrote:

Hi Zoran,
we'll give another shot with the letters.

If we cannot find anyone who let us sample, we can discuss other avenues. The best way is to drill a new well, however, if a preliminary analysis is all that is required, then we can discuss other methods.

Matt, can you let us know about the septic system sizing?

James McEwen, B.Sc., B.Eng.
Sr. Environmental Scientist
tel: 613.836.1422 ext. 231
cell: 613.978.3446

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Zoran Archnova wrote:

James,

I got a call from the owner of the adjacent property (at the back) asking me about you and what you were asking about. I asked him to allow you to take samples and in return we may give him a copy of the report.

If the second letter doesn't work, could you use the MOE data with some assumptions (yield reduced over years)?

If nothing works then I will ask the client to allow for the well drilling onsite.

My understanding is that the results from the sampling on site for septic sizing is the limiting factor for the building sizing. Would

you be able to provide us with those results so we can continue on the architectural design and resize the building?

Regards,

Regards
Zoran Mrdja
Sent from my iPhone

On 23.01.2014., at 10.11, James McEwen <jmcewen@hceng.ca> wrote:

Zoran,
there is going to be a delay in the hydrogeological report.

We went to try to find the wells that you provided in the mapping of the Ecolog Eris Report, some of them did not exist and others service private residential homes.

We have sent a letter to the ten (10) closest residential homes requesting that they consent for collection of a water sample, however, none of the homeowners have allowed us to collect a water sample.

We will be delivering a second letter on friday this week, again asking homeowners to allow collection of a water sample.

James McEwen, B.Sc., B.Eng.
Sr. Environmental Scientist
tel: 613.836.1422 ext. 231
cell: 613.978.3446

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Zoran Archnova wrote:

Hello Mathew,

Could you please let me know when do you expect your reports completed?

Regards,

Zoran Mrdja
Sent from my iPhone

On 10.01.2014., at 11.11, Matthew Rainville <mrainville@hceng.ca> wrote:

Yes, thank you
Zoran.

Our field work is complete, and James will be working on the Terrain Analysis Report.

Have a good weekend.

Matthew Rainville,
C.E.T.
Sr. Technologist
tel: 613.836.1422 ext. 226
cell: 613.227.1617

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On 1/10/2014 10:52 AM, Zoran Archnova wrote:

Hello
Mathe
w,

Have
you
recei
ved
the
photo
s I
sent
yeste
rday?

Regar
ds,

Zoran
Mrdja
Sent
from
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