

From: [Carolyn Decker](#)
To: [Jesse Jarrell](#)
Subject: RE: Intracorp
Date: Friday, January 28, 2022 12:59:16 PM

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Jesse,

Infiltration will be difficult at the existing outwash soils are fully inundated. If we can find enough material we are looking at an infiltration rate 0.5 inches per hour.

I will be out of the office from January 31 through February 14.

Carolyn S. Decker, P.E.

President

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From: Jesse Jarrell <jjarrell@ldccorp.com>
Sent: Thursday, January 27, 2022 1:12 PM
To: Carolyn Decker <CDecker@terra-associates.com>
Subject: Intracorp

Hello Carolyn,

We got this report from the client the other day. As suspected, the high groundwater in the westerly half of the site makes things difficult for infiltration and drainage. As for the easterly half of the site, I expect that we'll be raising much of the site by a good 4' or 5' with fill. With that, we think that infiltration on the east half of the site might still be achievable (and maybe typical detention on the west half). If so, we'll probably need to update the infiltration feasibility section or your report.

Assuming that's the route we go for drainage, do you have a potential infiltration rate we can use for prelim design purposes? Since the soils on site are Outwash, can we do a grain size distribution test to estimate infiltration rates? Also, is it possible to do the Cation Exchange test to see if they can also provide Water Quality Treatment?

Let me know your thoughts on this.

Thanks!

Jesse

Jesse Jarrell, PE
Civil PM

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