

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Tuesday, April 01, 2014 9:07 AM
To: Bartley, Cheryl (DEQ); Bennett, Charles (DEQ); Kammer, Stephanie (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: FW: CO2 feed system - Flint MI project

This may be more of your call. This pertains to the Bray Road sludge lagoon site and the new decant structure that will direct decant water from the Flint WTP lime sludge to the sanitary sewer. The work will correct the unauthorized discharge that was occurring at the local receiving stream. Not sure if you have taken a look at the design.....the ODWMA anticipates issuing an Act 399 permit for the work at Bray Road within the next few weeks. I will be in the Frank Balcer room today after 10am for the balance of the day reviewing these plans.

Michael Prysby, P.E.
 District Engineer
 Office of Drinking Water and Municipal Assistance
 517 290-8817

From: Matta, Samir [<mailto:SFMatta@lan-inc.com>]
Sent: Monday, March 31, 2014 8:07 PM
To: Prysby, Mike (DEQ)
Subject: FW: CO2 feed system - Flint MI project

Hi Mike,

Please see the options below. Let me know which is your preference.

Thanks.

Samir F. Matta
 Senior Project Manager

 **Lockwood, Andrews
& Newnam, Inc.**
 A LEO A DALY COMPANY
 D 517.819.2367 C 517.819.2367
www.lan-inc.com • sfmatta@lan-inc.com

From: Nakashima, Jeremy
Sent: Monday, March 31, 2014 11:41 AM
To: Matta, Samir
Subject: RE: CO2 feed system - Flint MI project

Samir,

There are 3 possible locations for sampling, two of which don't require sampling taps:

- At the decant tower near the gravity pipe (grab sample)
- At the wetwell (grab sample)
- At the valve vault (sampling tap required on discharge piping)

Does it need to have a sample tap?

Jeremy N. Nakashima, PE
Associate, Senior Project Manager



**Lockwood, Andrews
& Newnam, Inc.**
A TEO A DALY COMPANY

One Oakbrook Terrace, 22nd Street and Butterfield Road, Suite 207 • Oakbrook Terrace, IL 60181
T 630.495.4123 x 6602 C 773.414.4643
www.lan-inc.com • JNNakashima@lan-inc.com

From: Matta, Samir
Sent: Monday, March 31, 2014 10:38 AM
To: Nakashima, Jeremy
Subject: Re: CO2 feed system - Flint MI project

Hi Jeremy,

The comments I sent you a while back about Bray road from Mike asks for a sampling tab for the decant water. We will need to show someplace.

Thanks.

Lockwood, Andrews & Newnam
Samir Matta, PE
(517) 819-2367

On Mar 31, 2014, at 10:47 AM, "Nakashima, Jeremy" <JNNakashima@lan-inc.com> wrote:

Mike,

As we discussed last week, the City is considering going with single phase power at the Bray Road site, but we need to perform a load analysis and confirm with the power company that they have the capacity for the single phase equipment. Mason McIntire from our Fort Worth office will be contacting you shortly to discuss the single phase equipment and electrical loads. As you recall, last week you said that we can reduce the size of the following equipment and still meet our design of capacity of 15 pph:

- 2 kW heater vs. original 4 kW heater
- 3 kW vaporizer vs. original 12 kW vaporizer

Please feel free to call if you have any questions. Thanks.

Jeremy

Jeremy N. Nakashima, PE
Associate, Senior Project Manager

<image001.gif>

One Oakbrook Terrace, 22nd Street and Butterfield Road, Suite 207 • Oakbrook Terrace, IL 60181
T 630.495.4123 x 6602 C 773.414.4643
www.lan-inc.com • JNNakashima@lan-inc.com