

Houlihan, Damien

From: Houlihan, Damien
Sent: Thursday, April 02, 2020 10:37 AM
To: 'Tillotson, Elizabeth'
Cc: DeMeo, Sharon M.
Subject: RE: Clarifying questions

Thanks, Lynn. I understand. Look forward to hearing back.

Damien

*Damien Houlihan, Chief
Industrial Permits Section
US EPA*

617 918-1586

From: Tillotson, Elizabeth <Elizabeth.Tillotson@graniteshorepower.com>
Sent: Thursday, April 02, 2020 10:35 AM
To: Houlihan, Damien <houlihan.damien@epa.gov>
Cc: DeMeo, Sharon M. <Demeo.Sharon@epa.gov>
Subject: RE: Clarifying questions

Good Morning Damien. As you likely know, our organization is working remotely and managing much of our work with scheduled conference calls. Today (actually most days with this new mode of operations) is pretty full with calls, but I have reached out to Allan to see what overlapping availability we have. I will update you when he and I have connected.

Thank you.
Lynn Tillotson
Granite Shore Power – Stay Safe

From: Houlihan, Damien [<mailto:houlihan.damien@epa.gov>]
Sent: Thursday, April 02, 2020 9:27 AM
To: Tillotson, Elizabeth <Elizabeth.Tillotson@graniteshorepower.com>
Cc: DeMeo, Sharon M. <Demeo.Sharon@epa.gov>
Subject: Clarifying questions

*** Exercise Caution - External Email ***

Good morning, Lynn –

We have some clarifying questions we'd like to run by you (and probably Allan) as a follow-up to the call Allan and I had. Would you possibly be available this morning? See below for a brief summary of topics:

- Landfill leachate:
 - o Confirm pH adjustment only, no chemicals are added for chemical precipitation of metals at WTP#1.

- Any other treatment?
- Previous sampling indicated detectable levels of Cadmium. Can you quantify frequency and levels?
- Is landfill leachate still tested 1x/yr for metals? Why or why not?
- What goes into the landfill?
- Fly Ash
 - Is Fly Ash conditioned with FGD wastewater? If so what source FGD wastewater is being used – wastewater generated after the PWWTS, brine concentrate (purge stream), distillate, wastewater from filter press?
 - Is the conditioned fly ash a solid, sludge or slurry when it goes to the landfill? Is it considered a pozzolanic material?
 - Clarify the copper and iron testing surrounding Fly Ash wastewater stream. This is done when equipment is cleaned of Fly Ash, correct? 2 of 3 basins are isolated and tested before discharge to slag settling pond, correct? Which basins are these?
- FGD Wastewater
 - What's the status of shipments of wastewater to treatment plants off site?
 - What are the testing requirements for wastewater shipped off site?
 - At which part in the process is the FGD wastewater being shipped (after PWWTS, brine concentrate, etc.)?
- Other
 - Does coal pile runoff get tested? Does it get treated (pH adjustment and/or chem ppt?) prior to discharge to the Slag settling pond?

Damien

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