Message

From: Houda, Tara [Houda.Tara@epa.gov]
Sent: 4/15/2021 12:12:05 PM
To: Hansel, Joel [Hansel.Joel@epa.gov]
CC: Decker, Chris [Decker.Chris@epa.gov]; Parker, William [parker.william@epa.gov]; Smith, Brian [Smith.Brian@epa.gov]
Subject: FW: Piney Point HRK Data

Hi Joel,
Thank you for your recommendation that we have Jon look at the rad data. It turns out Ben already asked him to take a look at it. Please see the below thread for his comments and let us know if you would like additional input from Jon, NAREL or eco tox.
Thanks,
Tara

Tara L. Houda
Water Sector Security and Resilience Liaison
Office: (404) 562-9762
Mobile: (470) 580-3235

From: Russell, Chris <Russell.Chris@epa.gov>
Sent: Wednesday, April 14, 2021 8:07 PM
To: Richards, Jon M. <Richards.Jon@epa.gov>; R4 DOCL PineyPoint <R4_DOCL_PineyPoint@epa.gov>
Cc: Hudson, Tonya <hudson.tonya@epa.gov>; Franco, Benjamin <Franco.Benjamin@epa.gov>; Houda, Tara <Houda.Tara@epa.gov>; White, Cindy <White.Cindy@epa.gov>
Subject: Re: Piney Point HRK Data

Hey Jon:

As a side note, FLDOH Bureau of Radiation did take some samples on site early on, it may be advantageous for you to reach out to any contacts you have there for further info, etc relative to the rad sampling they conducted.

Respectfully,

Chris Russell
Federal On Scene Coordinator
US EPA Region 4: Florida Outpost
Wk/Cell: (850) 274-1575

From: Richards, Jon M. <Richards.Jon@epa.gov>
Sent: Thursday, April 15, 2021 8:02 AM
To: Franco, Benjamin <Franco.Benjamin@epa.gov>
Cc: Hudson, Tonya <hudson.tonya@epa.gov>; Houda, Tara <Houda.Tara@epa.gov>; Russell, Chris <Russell.Chris@epa.gov>; White, Cindy <White.Cindy@epa.gov>
Subject: RE: Piney Point HRK Data

Those samples had elevated gross alpha [over 15 pCi/L] but remember that's a screening #, and the actual alpha rads, Ra226 & 228 all were at or below detection limits.

So could have had poor turbidity or other reason in samples
But this is not surprising for Ra's in surface water

Jon Richards
Regional Radiation Expert & RPM
US EPA R4, SEMD
Richards.jon@epa.gov
404-431-1340

From: Franco, Benjamin <Franco.Benjamin@epa.gov>
Sent: Wednesday, April 14, 2021 6:09 PM
To: Richards, Jon M. <Richards.Jon@epa.gov>
Cc: Hudson, Tonya <hudson.tonya@epa.gov>; Houda, Tara <Houda.Tara@epa.gov>; Russell, Chris <Russell.Chris@epa.gov>; White, Cindy <White.Cindy@epa.gov>
Subject: Re: Piney Point HRK Data

Jon:

Can you compare the NAREL results with the NGS- South compartment FDEP data taken in 2019. See the attached excel spreadsheet.

Respectfully,

Benjamin Franco,
Federal On Scene Coordinator
Emergency Response, Removal and Prevention Branch
Superfund Division
USEPA R4
61 Forsyth St
Atlanta, GA 30303

404-562-8758 (w)
404-915-6952 (c)

Report Oil and Chemical Spills to the National Response Center 1-800-424-8802

On Apr 14, 2021, at 5:11 PM, Richards, Jon M. <Richards.Jon@epa.gov> wrote:

It does looks like 2 effluent samples are elevated, that's not surprising for phosphate sites: in 2 samples the Bi214, that's normally 'equal' to Ra226, shows 2 samples about 10 times the MCL, where the other samples all are withing background or detection limits.
I noted Tonya said they are still counting some samples with the other method, so when we receive those, we can note any differences

Note for Tara: for determining 'health' levels, etc, showing 10x the MCL is significant, but this is surface water, and we normally don't apply MCLs to surface water unless there's a drinking water intake

downstream, which I don't think is the case for this site. And there's no NPDES for radionuclides, also note.
So let me know if questions, or after the next set of samples are analyzed

Jon Richards
Regional Radiation Expert & RPM
US EPA R4, SEMD
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404-431-1340

From: Hudson, Tonya <hudson.tonya@epa.gov>
Sent: Tuesday, April 13, 2021 8:39 PM
To: Franco, Benjamin <Franco.Benjamin@epa.gov>
Cc: Houda, Tara <Houda.Tara@epa.gov>; Russell, Chris <Russell.Chris@epa.gov>; Richards, Jon M. <Richards.Jon@epa.gov>; White, Cindy <White.Cindy@epa.gov>
Subject: Piney Point HRK Data

Attached are electronic copies of data packages for gamma and radium-226 analysis of samples along with a cover letter for the Piney Point HRK Project as well the EDDs for the data. Hard copies will not be sent unless requested.

Please let me know if you have problems with the files or require hard copies of the data packages and cover letter.

If you have questions regarding the data, please contact Cindy White at 334-270-7052.