From:	Senga, Robert@DTSC
To:	Wetmore, Cynthia
Cc:	Barton, Dana; Mayer, Kevin; MARTINEZ, YARISSA; Warren, Scott@DTSC
Subject:	RE: Montrose update
Date:	Wednesday, December 17, 2014 4:58:39 PM
Attachments:	image001.png

Cynthia,
Thank you for the update.

From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Wednesday, December 17, 2014 12:21 PM
To: Senga, Robert@DTSC
Cc: Barton, Dana; Mayer, Kevin; MARTINEZ, YARISSA; Warren, Scott@DTSC
Subject: Montrose update

Hi Robert,

In Safoud's absence, I want to give you a quick status update about the Montrose Construction project. The results of the first batch test came in. (See bottom of email). The second batch test was run on Monday, and I expect the results next Monday (12/23/2014). Just so you are aware, the pCBSA level in the effluent may still be low and not indicative of what we will expect in the long-term. For the first passes of clean GAC, a limited of pCBSA will be adsorbed, but will quickly breakthrough to concentrations before the GAC. There is some uncertainty whether the breakthrough will be days or weeks. I recommend just assuming what exits the air stripper is what the concentration ultimately will be in the effluent of pCBSA.

EPA received the draft O&M Manual. I am making a CD copy for Safouh and will mail it to him.

Yesterday, EPA and its contractors conducted the final inspection of the treatment plant. There are only a few minor on-site issues and a few documentation issues left before I can certified that the remedy is constructed. I am hoping to be allowed to continue with the functional testing or '5-day test' so I can finish this by the end of this year.

Thanks, Cynthia W.

<u>Groundwater Sample Results from Batch test</u>

Influent

- pCBSA = 51,000 ug/L
- MCB = 6,600 ug/L
- CF = 1,400 ug/L
- Arsenic = 5 ug/L

Post HiPOx

- pCBSA = 30,000 ug/L
- MCB = 2,400 ug/L

- CF = 1,200 ug/L

Post Air Stripper

- pCBSA = 23,000 ug/L
- MCB = 53 ug/L
- CF = 23 ug/L

Post LGAC

- pCBSA = <5 ug/L
- MCB = <0.5 ug/L
- CF = <0.5 ug/L

<u>Air Sample Results</u>

Air Stripper Outlet

- MCB = 17 ppmv
- CF = 8.9 ppmv
- Benzene = 0.2 ppmv

Discharge Stack

- MCB = <0.0005 ppmv
- CF = <0.0005 ppmv
- Benzene = 0.0002 J ppmv

Cynthia Wetmore, Technical Support Section
US.EPA, Region IX, Superfund Division
75 Hawthorne Street, San Francisco, 94105
(415)972-3059