Message

From: Benoit, Simonne T [Simonne.Benoit@arcelormittal.com]
Sent: 2/8/2017 5:30:15 PM
To: Beslow, Mike [beslow.mike@epa.gov]
CC: Fitzgerald, Sean F MST1 [Sean.F.Fitzgerald@uscg.mil]; Barnett, Thomas R [Thomas.Barnett@arcelormittal.com]
Subject: RE: ArcelorMittal Indiana Harbor West - inital FTIR analysis reports

Mike,

Page 4 of the Microbac report has the overlay of the following samples:

- Sample 17A0422-01c: was the oily substance we saw on 1/10. The thick mat had built up on the booms of the North side of 009/010. Tom Barnett collected this material in / on a 5 gallon bucket, and I believe Cordell got a sample of this also.
- Sample 17A0422-03: was the sediment sample Cordell collected in the "notch" on the north side of the lift bridge. We used hexane extraction to remove the oil residue, and had that analyzed.
- Sample 17A0422-04: was material that built up on the 009/010 booms on 1/20.

Simonne T. Benoit | Environmental Engineer
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From: Beslow, Mike [mailto:beslow.mike@epa.gov]
Sent: Wednesday, February 08, 2017 9:08 AM
To: Benoit, Simonne T
Cc: Fitzgerald, Sean F MST1; Barnett, Thomas R
Subject: RE: ArcelorMittal Indiana Harbor West - inital FTIR analysis reports

My apologies, it is a little confusing as to the locations each sample was taken – could you break down more specifically where each was taken from? (including the mineral oil)

From: Benoit, Simonne T [mailto:Simonne.Benoit@arcelormittal.com]
Sent: Wednesday, February 08, 2017 8:44 AM
To: Beslow, Mike <beslow.mike@epa.gov>
Cc: Fitzgerald, Sean F MST1 <Sean.F.Fitzgerald@uscg.mil>; Barnett, Thomas R <Thomas.Barnett@arcelormittal.com>
Subject: RE: ArcelorMittal Indiana Harbor West - inital FTIR analysis reports

Mike,

There is a high degree of match between the three samples.

Simonne T. Benoit | Environmental Engineer
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From: Beslow, Mike [mailto:beslow.mike@epa.gov]
Sent: Wednesday, February 08, 2017 8:41 AM
To: Benoit, Simonne T
Cc: Fitzgerald, Sean F MST1; Barnett, Thomas R
Subject: Re: ArcelorMittal Indiana Harbor West - inital FTIR analysis reports

Do you feel the material matches or does not match the sediment?

Mike Beslow
On-Scene Coordinator
US EPA, Region 5

Please excuse any errors in this message as it was sent from a mobile device.

On Feb 8, 2017, at 8:39 AM, Benoit, Simonne T <Simonne.Benoit@arcelormittal.com> wrote:

> Sean & Mike,
>
> Attached please find a copy of Microbac laboratories FTIR analysis of oil samples collected from the boom at the discharge of Outfall 009/010 on Tuesday, January 10th and Friday, January 20th. The FTIRs for these two samples have been compared to the sediment sample collected by USEPA on Friday, January 13th from the South side of the ArcelorMittal Railroad lift bridge (USEPA provided us with a split of this sample). Also included is a copy of an internal memo which provides our interpretation of these results.
>
> **Simonne T. Benoit** | Environmental Engineer
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