Message

From: Fitzgerald, Sean F MST1 [Sean.F.Fitzgerald@uscg.mil]
Sent: 2/8/2017 6:57:08 PM
To: Cook, Lindsay N LT [Lindsay.N.Cook@uscg.mil]; Arnold, Paul S LT [Paul.S.Arnold2@uscg.mil]
Subject: FW: ArcelorMittal Indiana Harbor West - inital FTIR analysis reports
Attachments: 17A0572_1 Bol_Doc_report_520 01 25 2017 1619.pdf; IHWSheeninvestigationmemo262017.doc

Good Afternoon LT's,

Attached is the results from the samples that were analyzed by Microbac on behalf of ArcelorMittal. If I am reading this correctly, their results indicate that the pocket of oil we found no 10JAN could be from the canal.

Below is the discussion between the EPA and ArcelorMittal.

Very Respectfully,

MST1 Sean Fitzgerald
United States Coast Guard
Marine Safety Unit Chicago
555 Plainfield Rd. Suite A
Willowbrook, IL 60527
Phone: 630-986-2162

-----Original Message-----
From: Benoit, Simonne T [mailto:Simonne.Benoit@arcelormittal.com]
Sent: Wednesday, February 08, 2017 11:30 AM
To: Beslow, Mike
Cc: Fitzgerald, Sean F MST1; Barnett, Thomas R
Subject: [Non-DoD Source] 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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