From:	David Beattie
To:	Sager, John E - DNR; Matthew Turner
Subject:	RE: Estimated Spill Volumes
Date:	Friday, October 5, 2018 10:45:51 AM
Attachments:	082018 Superior Refinery Third Written Follow-up Notification (Final Signed 8-20-18).pdf

John,

On 8/20/18, the Refinery sent a EPCRA/CERCLA Follow-Up Notification Letter to a number of parties including Wisconsin Emergency Management, Keith Kessler with Douglas County Emergency Management and John Tadelski with the WDNR (see attached). In the letter we stated that the refinery has estimated 17,000 barrels of asphalt were released on the day of the incident and an estimated 14,000 barrels had been recovered as of the date of that report (8/20/2018). The report also contains our air compliance deviations/information for that day.

We arrived at 14,000 barrels recovered by tracking the amount of asphalt/debris that had been recovered as of the letter and comparing that to the estimated asphalt composition percentage of each roll-off box shipped offsite for disposal. Once we had that volume (tons), we applied an *estimated* barrels/ton of asphalt value to get an *estimated* number of barrels recovered. Using that same calculation, we have recovered roughly 16,000 barrels as of 10/2/18. Again, this is only an estimate that is based largely on the visual assessment of roll-off boxes.

Efforts are still ongoing to recover the remaining volumes of asphalt. The bulk material has been recovered and we are working on the harder to access areas such as under pipe racks.

Please let me know if you have any additional questions.

Thanks,

Dave

From: Sager, John E - DNR [mailto:John.Sager@wisconsin.gov]
Sent: Thursday, October 4, 2018 4:34 PM
To: Matthew Turner <Matthew.Turner@huskyenergy.com>
Cc: David Beattie <David.Beattie@huskyenergy.com>
Subject: Estimated Spill Volumes

Hi Matt,

Just a reminder that EPA and DNR are looking for a current estimate on the type and volume of hazardous substances released due to the April 26th fire and explosion.

Thanks.

We are committed to service excellence.

Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

John Sager

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