Neste, David E - DNR

From: Adam Roder, P.E. <aroder@thesigmagroup.com>
Sent: Friday, September 10, 2021 3:16 PM
To: Neste, David E - DNR
Cc: Craig Dousharm
Subject: RE: Mercury Marine Plant 4 East (BRRTS #02-20-545162)

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Dave,

Sigma and Mercury Marine have had some discussions about vapor intrusion at the Plant 4 East project site subsequent to the conversations with Colin. However, an opportunity to reduce the CVOC mass in the source area through some subsurface excavation work came to light this summer in the context of exterior facility improvements that are being planned in the next 6 to 12 month timeframe in the Plant 4 East project area. As those facility improvements are being developed and designed, we intend to focus on a cost-effective strategy to reduce the CVOC mass during this work in the near term, and then would shift attention to the vapor intrusion evaluation. We believe that engineering controls already in place within the Plant 4 building will be a key factor in the vapor intrusion assessment.

Regarding emerging contaminants, we understand that (at a minimum) a desktop evaluation is needed before regulatory case closure can be considered, and depending on the results of that desktop evaluation, physical samples may need to be collected for analysis of emerging contaminants such as 1,4-dioxane or PFAS. The desktop evaluation is being considered at this time by Mercury Marine and upon completion of that step, groundwater samples for possible emerging contaminants could be integrated into a biennial groundwater sampling event (next event is planned for late summer 2022).

Thank you,

Adam

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From: Neste, David E - DNR <David.Neste@wisconsin.gov>
Sent: Wednesday, September 1, 2021 9:20 AM
To: Adam Roder, P.E. <aroder@thesigmagroup.com>
Cc: Craig Dousharm <Craig.Dousharm@mercmarine.com>
Subject: Mercury Marine Plant 4 East (BRRTS #02-20-545162)

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Adam,

Could you provide an update on the Mercury Marine Plant 4 case? I see you were in communication with Colin Schmenk regarding a vapor intrusion investigation and emerging contaminant scoping. Has there been any progress on these items?

Thanks,
Dave

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