To: Hoppe, Michael[Hoppe.Michael@epa.gov]
From: Stan Kaczmarek
Sent: Tue 10/1/2013 5:14:55 PM
Subject: Re: Status of Removal Action, October 1 AM

Also, this sample point was in the channel. May have one bucket width shore-side of that which can be pulled before running into stone, and should have a bucket width channel side of that (bucket is about 5 foot width).

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>>> On 10/1/2013 at 12:58 PM, in message <6d5cefccbd6045fcb0315fff8fb34a13@BY2PR09MB062.namprd09.prod.outlook.com>, "Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

That sounds good. You can't go toward the shoreline and I am assuming the channel has analytical that says it doesn't have the contamination? Please confirm. Otherwise I might say a more radial approach?

From: Stan Kaczmarek <StanK@demaximis.com>
Sent: Tuesday, October 01, 2013 12:33:24 PM
To: Hoppe, Michael

Subject: Re: Status of Removal Action, October 1 AM

Mike, do you have any criteria for determining how much is enough to dredge in this area? Would the following be acceptable? Take a 2 foot deep cut, two bucket widths wide, and 10 feet up river and down river, with the location of the sample 0481 defining the center point of this removal zone?

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>>> On 10/1/2013 at 12:14 PM, in message <e9b9afb2ffa040a8a77ffa03886ff189@BY2PR("Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

Stan, with respect to the dredging, the northern area at the tip has to be addressed and EPA confirmed with regional counsel that there is no regulatory re ason not to dredge near/in the channel. Your other dredge related bullets reflect our earlier conversation and are the agreed upon measures.

Mike Hoppe

From: Stan Kaczmarek <StanK@demaximis.com>
Sent: Tuesday, October 01, 2013 11:46:58 AM
To: BudneySL@cdmsmith.com; Hoppe, Michael; Vaughn, Stephanie
Cc: Gary.Foster@CH2M.com; George.Hicks@CH2M.com; John Rolfe; Willard Potter; Robert Law

Subject: Status of Removal Action, October 1 AM

Stephanie and Mike,

I appreciate the phone call this morning. Please confirm that the following is an accurate summary of our discussion.

- Dredging is to continue while focusing on the removal of silt up to Station 32+00,

which is the edge of the zone to also be capped.

- The rock slope should not be dredged with the existing equipment as nothing should be done that can potentially destabilize it
- The rock slope will need to be addressed at a future time, possibly as part of the remedy for the 17 miles of LPRSA
- CPG should attempt to remove soft material at the northern tip of the Removal Area even if it is in the Navigation Channel; EPA will confirm that there are no regulatory constraints to doing that
- Dredging should continue until the entire Removal Area south of Station 32+00 is fully addressed... as many undercuts as can be fixed will be fixed, and the others will be poled and sampled

Attached are results from yesterday's poling exercise, showing the type of material encountered in the center of the rock-stabilized slope. As indicated above, the slope itself will

not be dredged as part of this Removal Action.

Also as discussed this morning, following are updates and plans that will impact the next few days:

Hudson County informs us that repairs on Bridge Street Bridge (BSB) will begin around October 8 and are then expected to be finished on or around October 14. CPG must demobilize all of its dredging equipment prior to the start of this period. The Passaic River Regatta will occur while BSB is being repaired; as a result the Removal Action will have no impact on it. However, CPG will plan to begin mobilizing equipment for capping after BSB's normal operation has been demonstrated.

In order to get EPA approval to demobilize from dredging, CPG plans to submit the following:

- Survey results for Cuts 7, 8 and 8T will be submitted for review and conditional approval on October 1
- Survey results for Cut 9 will be submitted for conditional approval no later than October 2
- Survey results for the portions of Cut 10 that were capable of being dredged will be performed by October 3 and submitted shortly after
- Final survey of all areas after clean up cuts are complete, will be conducted no later than October 3 and promptly submitted

Conditional approval means that CPG will acknowledge on the survey maps specific undercuts that will need to be touched up on October 2, and/or specific undercuts that will need to be sampled and poled because they cannot be dredged further. These specific areas will be highlighted on the survey maps. CPG will plan to complete the sampling of the undercut areas prior to the end of this week.

A sampling plan for cores from the post-dredge surface will be submitted by October 3, and will be implemented upon approval but no later than October 10. This will allow the survey boats to be removed from the river prior to the Regatta as well.

Please contact Rob Law, Bill Potter or myself if you have any questions.

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