

EPA Official Record

Notes ID: 9EB03D03CCDFD54986257A3900586E5C

From: Chet Myers <cmyers@apexcos.com>

To: Kimberly Tisa/R1/USEPA/US@EPA; Matt Schweisberg/R1/USEPA/US@EPA

Copy To: Ann Williams/R1/USEPA/US@EPA; Audrey Zucker/R1/USEPA/US@EPA; Cynthia Catri/R1/USEPA/US@EPA; Dave Dickerson/R1/USEPA/US@EPA; ElaineT Stanley/R1/USEPA/US@EPA; Ellen Weitzler/R1/USEPA/US@EPA; Joanna Jerison/R1/USEPA/US@EPA; Olga Guza-Pabst/R1/USEPA/US@EPA

Delivered Date: 12/09/2010 02:16 PM EDT

Subject: RE: NBH South Terminal Water Column Samples

Final update on the Water Column samples.

I spoke with Kim and with Elaine Stanley and we determined that the 22 NOAA Congeners via 8270C would be acceptable for sediment and water column sampling. This is the originally proposed method, so the MDLs and RLs in the package submitted to USEPA are applicable.

We plan to collect the water column samples shortly.

Thanks,

Chet Myers, PE, LSP
Apex Companies, LLC
184 High Street, Suite 502
Boston, MA 02110
O: 617-728-0070 X-113
F: 617-728-0080
C: 617-908-5778

-----Original Message-----

From: Chet Myers

Sent: Wednesday, December 08, 2010 11:51 AM

To: 'Tisa.Kimberly@epamail.epa.gov'; Schweisberg.Matt@epamail.epa.gov

Cc: Williams.Ann@epamail.epa.gov; Zucker.Audrey@epamail.epa.gov;

Catri.Cynthia@epamail.epa.gov; Dickerson.Dave@EPA.GOV;

stanley.elainet@epamail.epa.gov; Weitzler.Ellen@epamail.epa.gov;

Jerison.Joanna@epamail.epa.gov; Guza-Pabst.Olga@epamail.epa.gov

Subject: RE: NBH South Terminal Sampling Plan

Just wanted to let people know where we are with regard to Kim's concerns:

We are going to adjust our methods on the soil and groundwater PCB sampling to an Aroclor analysis and will likely be providing some additional backup in the form of analysis equipment printouts for Kim's

review.

Kim was right that our sampling plan for the water-side was missing three sampling locations; however, the total number of samples proposed in the text and associated tables is correct. The missing samples were erroneously removed from the drawing prior to production, but no re-gridding or re-distribution of samples is necessary to re-include them. The locations that these three samples were planned still exist; we just need to replace sample markers into the map. We will be forwarding an updated drawing.

We will be using the 2.6 factor in our formulation of Total PCBs from the individual 18 NOAA Congeners.

We discussed the water column analysis methodology with Kim, and we have some agreement that the 22 NOAA Congeners is appropriate, as water column data collected by Woods Hole for the New Bedford Superfund Project used the 22 NOAA Congener list (actually Woods Hole only used the 18 NOAA Congeners, but the 22 list proposed by our laboratory includes the NOAA 18). We are now discussing which exact laboratory methodology is most appropriate - EPA 8082 or EPA 8270C. We hope to get this worked out today.

We will submit a revised plan, but hope that if there are any other comments, that they can be forwarded to us as soon as possible.

Thanks,

Chet Myers, PE, LSP
Apex Companies, LLC
184 High Street, Suite 502
Boston, MA 02110
O: 617-728-0070 X-113
F: 617-728-0080
C: 617-908-5778

-----Original Message-----

From: Tisa.Kimberly@epamail.epa.gov
[mailto:Tisa.Kimberly@epamail.epa.gov]
Sent: Friday, December 03, 2010 3:50 PM
To: Schweisberg.Matt@epamail.epa.gov
Cc: Williams.Ann@epamail.epa.gov; Zucker.Audrey@epamail.epa.gov; Chet Myers; Catri.Cynthia@epamail.epa.gov; Dickerson.Dave@EPA.GOV; stanley.elainet@epamail.epa.gov; Weitzler.Ellen@epamail.epa.gov; Jerison.Joanna@epamail.epa.gov; Guza-Pabst.Olga@epamail.epa.gov
Subject: Re: NBH South Terminal Sampling Plan

Matt and Chet-

I just had an opportunity to finish my review of the SAP. I have a comment on the analytical methods for PCBs.

Specifically you are proposing to do the NOAA 22 congener list for both sediment and water. The NOAA 22 congener list is reasonable for the sediments, but please note that there would be a correction factor for the analytical result which is not discussed in the SAP. I spoke with Dave Dickerson and the factor is roughly 2.6 for the conversion. If you have questions on this, please contact Dave.

With respect to the water, the NOAA 22 congener list is not appropriate. You would have to use either the full 209 congener list or you may be able to do Aroclor and/or homologue provided the laboratory reports peaks not quantified but within the PCB retention time window.

I have a similar comment on the upland test pits/soil borings samples where the NOAA list is not appropriate. PCB Aroclors (method 8082) should be used for upland soils. I also believe the NOAA list for air monitoring should be the full congener list given that you're using method 1668A.

Could you also review your sampling map? When I looked at the # of sample locations on the figure, I was unable to get the #'s referenced in the table and the text.

Kimberly N. Tisa
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: OSRR07-2
Boston, MA 02109-3912
Phone: 617.918.1527
E-Fax: 617.918.0527
tisa.kimberly@epa.gov

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| From: |
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|Matt Schweisberg/R1/USEPA/US |
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| To: |
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|"Chet Myers" <cmyers@apexcos.com> |
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| Cc: |
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|Zucker/R1/USEPA/US@EPA, Dickerson.Dave@EPA.GOV, ElaineT
Stanley/R1/USEPA/US@EPA, Ellen Weitzler/R1/USEPA/US@EPA, Olga |
|Guza-Pabst/R1/USEPA/US@EPA |

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|12/03/2010 12:03 PM |

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|NBH South Terminal Sampling Plan |

Chet,

This is the approval to proceed with the sediment and water column sampling in the intertidal and subtidal dredge areas, as you requested in your voice mail to me on 12/2/10.

I need to connect with others here before approving the remainder of the plan. Hope to get you that final approval no later than 12/8 COB. Let me know if there are any questions.

Matt Schweisberg
Chief, Wetlands Protection Program
Office of Ecosystem Protection (OEP05-2))
U.S. EPA New England Region
5 Post Office Square, Suite 100
Boston, MA 02109-3912

617-918-1628 (v)

617-918-0628 (f)

schweisberg.matt@epa.gov