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NCBC DAVISVILLE  
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EMAIL REGARDING U S EPA REGION I COMMENTS ON SITE 16 CONFERENCE CALL  
NCBC DAVISVILLE RI  
04/14/2010  
U S EPA REGION I

## Vetere, Stephen

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**From:** williams.christine@epamail.epa.gov  
**Sent:** Wednesday, April 14, 2010 10:27 AM  
**To:** Dale, Jeffrey M CIV NAVFAC MIDLANT, PNBC  
**Cc:** Brandon.Bill@epamail.epa.gov; Richard Gottlieb; Barney, David A CIV OASN (EI&E), BRAC PMO NE; Vetere, Stephen; Sinagoga, Lee Ann; Anderson, Scott; Logan, Joe  
**Subject:** RE: Davisville Site 16 MNA call - follow-up

Jeff: thanks for looking into the other method.

We do believe that the up gradient groundwater for the BTEX plume has the potential to be different from the up gradient areas of the other plume(s). There appears to be a shallow well at the RMW-02D location (RMW-02S). Nonetheless, if you can't sample from MW16-26D and/or RMW-02S/D, as an alternative, We would substitute MW16-65I/D as the up gradient well pair for the BTEX Plume. While somewhat further up gradient and closer to the former Building 41 area, this well pair has been relatively "clean" and follows a separate pathway than the Central Plume. In 2004 and 2007 MW16-65I had 3.1 and 1.6 ppb of TCE, respectively. MW16-65D had ND and ND TCE (or any CVOC), respectively.

I do believe we mentioned, however if you don't remember this we'll state it now: For the Central Plume list, MW16-44D does not belong here. MW16-44D belongs in the BTEX Plume list. For the BTEX Plume list, MW16-44I should be added to complement MW16-44D.

For the Eastern Plume list, the wells listed as satisfactory.

-----"Dale, Jeffrey M CIV NAVFAC MIDLANT, PNBC" <[jeffrey.m.dale@navy.mil](mailto:jeffrey.m.dale@navy.mil)> wrote: -----

To: Christine Williams/R1/USEPA/US@EPA  
From: "Dale, Jeffrey M CIV NAVFAC MIDLANT, PNBC" <[jeffrey.m.dale@navy.mil](mailto:jeffrey.m.dale@navy.mil)>  
Date: 04/14/2010 07:30AM  
Cc: Bill Brandon/R1/USEPA/US@EPA, "Barney, David A CIV OASN (EI&E), BRAC PMO NE" <[david.a.barney@navy.mil](mailto:david.a.barney@navy.mil)>, "Logan, Joe" <[Joe.Logan@tetrattech.com](mailto:Joe.Logan@tetrattech.com)>, "Sinagoga, Lee Ann" <[LeeAnn.Sinagoga@tetrattech.com](mailto:LeeAnn.Sinagoga@tetrattech.com)>, "Richard Gottlieb" <[richard.gottlieb@DEM.RI.GOV](mailto:richard.gottlieb@DEM.RI.GOV)>, "Anderson, Scott" <[Scott.Anderson@tetrattech.com](mailto:Scott.Anderson@tetrattech.com)>, "Vetere, Stephen" <[Stephen.Vetere@tetrattech.com](mailto:Stephen.Vetere@tetrattech.com)>  
Subject: RE: Davisville Site 16 MNA call - follow-up

Christine

During the call, we seemed to agree that well 44D could be in either plume or flow path. We could move it to the BTEX plume/flow path if you prefer, but the data may be representative of either flow path.

I do not recall well 44I being on any of the three lists that were discussed, nor does it appear in my notes (dug out of trash) or on the notes of anyone from Tetra Tech on the call. The well appears to be almost sidegradient of the BTEX hot spot so I don't think we need to evaluate the location. 44D was definitely included in the list, and we discussed 43I as being very close to 45I.

We are looking to confirm if the selected labs have ELAP certification for DOC method 415.3. To clarify my past experience with method 9060, I have filtered samples in the field with the 0.45 micron filter and sent them to labs which because the COC is marked "filtered" reports the result as DOC. This is similar to field filtering for metals analysis and may not have been clearly stated.

I'm in meetings until later today and hope to get back to you on the method.

Thanks

Jeff

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

From: [williams.christine@epamail.epa.gov](mailto:williams.christine@epamail.epa.gov)

[<mailto:williams.christine@epamail.epa.gov>]

Sent: Tuesday, April 13, 2010 14:13

To: Dale, Jeffrey M CIV NAVFAC MIDLANT, PNBC

Cc: [Brandon.Bill@epamail.epa.gov](mailto:Brandon.Bill@epamail.epa.gov); Barney, David A CIV OASN (EI&E), BRAC PMO NE; Logan, Joe; Sinagoga, Lee Ann; Richard Gottlieb; Anderson, Scott; Vetere, Stephen

Subject: Re: Davisville Site 16 MNA call - follow-up

my notes say that 44D should be included with the BTEX hotspot plume rather than the central plume. why did you leave it there? 44I was also requested to be in the BTEX hotspot plume and is not included with either plume

also, do we have data for 10I from after it was installed in 2007? If so, please forward. thanks.

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"Sometimes leadership is planting trees under whose shade you'll never sit." Gov. Jennifer M. Granholm

From: "Dale, Jeffrey M CIV NAVFAC MIDLANT, PNBC"  
<[jeffrey.m.dale@navy.mil](mailto:jeffrey.m.dale@navy.mil)>

To: Bill Brandon/R1/USEPA/US@EPA, Christine Williams/R1/USEPA/US@EPA, "Richard Gottlieb" <[richard.gottlieb@DEM.RI.GOV](mailto:richard.gottlieb@DEM.RI.GOV)>

Cc: "Barney, David A CIV OASN (EI&E), BRAC PMO NE" <[david.a.barney@navy.mil](mailto:david.a.barney@navy.mil)>, "Veterere, Stephen" <[Stephen.Vetere@tetrattech.com](mailto:Stephen.Vetere@tetrattech.com)>, "Sinagoga, Lee Ann" <[LeeAnn.Sinagoga@tetrattech.com](mailto:LeeAnn.Sinagoga@tetrattech.com)>, "Anderson, Scott" <[Scott.Anderson@tetrattech.com](mailto:Scott.Anderson@tetrattech.com)>, "Logan, Joe" <[Joe.Logan@tetrattech.com](mailto:Joe.Logan@tetrattech.com)>

Date: 04/13/2010 01:45 PM

Subject: Davisville Site 16 MNA call - follow-up

Bill/Christine/Richard - forward if I missed anyone

We appreciate your input.

Attached is a revised list of wells for "MNA" analysis that summarizes our call last Thursday\*. We agree with Bill that measuring of organic carbon is called for at this time. We will add DOC by SW-846 Method 9060 (field filtered) to the analytical program in Worksheet 19c (along with the carbon dioxide field method we discussed). This would supplement the large amount of DOC data available from 2004 and 2007 (that showed DOC to be sparse).

\*Attached are analytical results for MW-16-10 I/D and RMW-02 you requested for evaluation of MW16-10 I/D as a suitable background well pair for the BTEX hot spot. We have not located a construction log for RMW-02. The inspection log is attached (and the well has a bladder pump installed so total depth is not measured). I'm hoping we can agree to use MW-10 I/D as background for the BTEX area also given uncertainty of construction, and difficulty that Scott emphasized in mobilizing equipment to well RMW-02 .

Thanks

I look forward to finalizing these last few details and forwarding a draft final SAP and getting into the field.

Jeff Dale  
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Philadelphia, PA 19112  
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[attachment "Site 16 MNA wells per 4.08.2010 call.doc" deleted by  
Christine Williams/R1/USEPA/US] [attachment "Site 16 background data.xlsx"  
deleted by Christine Williams/R1/USEPA/US] [attachment "RMW-02D Well  
Inspection Log.pdf" deleted by Christine Williams/R1/USEPA/US]