Message

From: Harrington, Jim (DEC) [jim.harrington@dec.ny.gov]
Sent: 4/7/2015 1:25:37 PM
To: Rich Humann [rhumann@h2m.com]
CC: Gary E. Loesch [gloesch@h2m.com]; Garbarini, Doug [Garbarini.Doug@epa.gov]; Stan Carey [scarey@massapequawater.com]; mboufis@bethpagewater.com; sfwdralph@gmail.com; Gary E. Loesch [gloesch@h2m.com]; pgranger@h2m.com [Pgranger@h2m.com]; Mannino, Pietro [Mannino.Pietro@epa.gov]; Schick, Robert (DEC) [robert.schick@dec.ny.gov]; Ryan, Michael (DEC) [michael.ryan@dec.ny.gov]
Subject: RE: Agenda Items for Next NWIRP-Grumman Quarterly Coordination Meeting
Attachments: Report.hw130003a.2014-10-08.NGC-ARCADIS Hydraulic Effectiveness Evaluat....pdf

Rich – In response to your voice mail I already forwarded the recent report which concludes that the ONCT is working. It is attached to this email for everyone else. You are correct that on the surface there appears to be a disparity in the statements that full containment is viable in one place and not another – until you actually look at the differences. Containment at the property line is viable on many sites and is sometimes selected. At the property line or in close proximity to the source, plumes are relatively small and a containment remedy to control highly contaminated groundwater is often deemed implementable. While down gradient plume containment has been selected other sites (as Mr. Saladino pointed out at the meeting), containment of the Grumman plume at its down gradient extent was evaluated in the FS and not selected. This determination has been reaffirmed several times since that initial review, most recently by the joint Navy/EPA/USGS review in Jan 2012. However, as required by the recently enacted law, it will be re-evaluated. DEC plans to task an engineering firm to conduct a thorough review of all available information, and an assessment of the feasibility/implementability of this remedial alternative. Jim H

James B Harrington, PE
Director, Remedial Bureau A
Division of Environmental Remediation
518 -402-9624

Please note my new email address
Jim.Harrington@dec.ny.gov

From: Rich Humann [mailto:rhumann@h2m.com]
Sent: Friday, April 03, 2015 12:26 PM
To: Harrington, Jim (DEC)
Cc: Gary E. Loesch; 'Garbarini, Doug'; Stan Carey; mboufis@bethpagewater.com; sfwdralph@gmail.com; Gary E. Loesch; pgranger@h2m.com; Mannino, Pietro; Schick, Robert (DEC); Ryan, Michael (DEC)
Subject: Agenda Items for Next NWIRP-Grumman Quarterly Coordination Meeting

Jim,

My apologies as I had to leave the RAB meeting early Wednesday evening for another commitment – so I did not get an opportunity to speak with you after your comments that night. I'd like our group to discuss two specific items at our next meeting.

I was shocked when you made the statement that the DEC has concluded that the ONCT is fully intact and successfully preventing any off-site migration of groundwater contamination. I'm assuming the DEC has data that we have not seen yet to reach the conclusion. To me, unless I see that sufficient VPB work has been done just downgradient of the site confirming a full "Top to Bottom" clean water interface within the Magothy down to the top of the Raritan, I will

continue to strongly disagree. I look forward to gaining a full understanding of the basis for the DEC conclusion at our next meeting.

When the topic of plume containment was discussed based on Assemblyman Saladino's bill, reference was made to the fact that the DEC reviewed this approach in 2001 and dismissed it then, so it would likely dismiss it now. I strongly suggest that the DEC be very careful here. The DEC decision back in 2001 not to try and contain the plume might be the fatal flaw in the program and will likely haunt us for decades. Bethpage urged the DEC to pursue extraction wells north of Hempstead turnpike – and in our opinion, the dismissal of the alternative was based on short sighted superficial review. Since you were not involved back then, I suggest you review the data and details at the time to be fully confident in the decision making. Also, as an aside, it's interesting that on the one hand you consider the ONCT as a full containment system with no possibility of leakage, and one the other hand have a position that full containment is impossible. I fully grant that what is off-site is an expanded version of what's on site, still it's interesting.

I had left a message for you, so if you want to discuss any of this prior to our next meeting, that would be great. Just let me know.

Thanks

Rich

Rich Humann, P.E.
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From: Garbarini, Doug [mailto:Garbarini.Doug@epa.gov]
Sent: Monday, March 23, 2015 5:10 PM
To: Stan Carey; mboufis@bethpagewater.com; sfwdralph@gmail.com; Gary E. Loesch; Rich Humann; Paul J. Granger; Mannino, Pietro; Schick, Robert (DEC); Ryan, Michael (DEC); Harrington, Jim (DEC)
Cc: Gary E. Loesch
Subject: NWIRP-Grumman Quarterly Coordination Meeting

Hi

Looking forward to meeting with you tomorrow morning. Below is a suggested agenda that we can modify if you have suggested additions or changes.

Also, attached are the incoming letter from Senator Schumer and the recent EPA response.

See you all tomorrow

Doug

1. Status of Additional "Hotspot" work by Navy
    - Plant 6 Pilot Study
    - Additional delineation
    - Plans for addressing contamination not captured by 6-2
2. Disposition of treated water if well 6-2 utilized to capture mass of the hotspot

3. Status of NYSDEC/NG enforcement agreement discussions
4. Status of Sentinel Well installation
5. February 5, 2015 letter from Water Districts
6. Next Quarterly Meeting/When to extend Invitations to Navy and Northrop Grumman to participate

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