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LETTER REGARDING CONFERENCE CALL FROM 29 JULY 2010 NCBC DAVISVILLE RI
7/29/2010
U S EPA REGION I

Summary of July 29, 2010 Conference Call

Christine Williams, Bill Brandon, Conrad L, Michael Brooks, Lynn (Ada), Scott Anderson, Jeff Dale

EPA Item # 1 is that with the evaluation of the center of mass (Battelle) and our CSM, the "source area" investigation should be moved south east of MW17D for the deep, between MW27 & MW9. Our CSM indicates that the shallow should be moved to between MW19S and MW39S (Battelle didn't evaluate the shallow).

Action: EPA will provide their updated CSM that will provide additional basis for the request to relocate borings/wells to this area. Navy is amenable to spreading out the "source area" boring locations for Problem Statement #1. EPA will provide bulleted rationale for the relocations identified on the figure provided on 7/27/10.

EPA Item #2 Additional remedial action needs are TOC, grain size, slug testing, surveying, and GW elevations for the site.

Action: The Navy will incorporate TOC, grain size, surveying and measurement of groundwater elevations. The Navy will reference existing slug test results (## tests) from previous investigations and will use pumping rate/measured draw down to calculate K values consistent with what is being done at Site 16.

EPA Item #3 Arsenic seems to be increasing across the site, so to include this analyte (see our comments on previous MEs)

Action: Agree that sampling of arsenic from select wells to evaluate if arsenic concentration trends/correlates with contaminant concentration, geochemical parameters, or observed soil types. Navy proposes to collect groundwater samples for arsenic analysis with four samples from each soil type over a range of contaminant concentrations and geochemical conditions (where possible and wells exist).

EPA Item #4 East of P-02 and along Narragansett Bay should also be included in the investigation for piezometers at low tide

Action: The EPA will perform this evaluation.

EPA Item #5 GW discharge to the shoreline should also be included by installing piezometers at low tide

Action: The EPA will perform this evaluation.

EPA Item #6 relocate MW20S (20s most likely has surface water intrusion due to the erosion) based on upgradient investigation and replace silted in piezometers (as you've done for some of those)

Action: The EPA will provide photos and the Navy will consider repairing or replacing the well.

EPA Item #7 change the default location of soil sampling to be in the silt if there is no PID or Colortec response

Action: Agreed

EPA Item #8 M32 on Spink Neck should also have both shallow and intermediate wells installed

Action: The Navy feels that a shallow well cluster is not necessary based on a belief that shallow contamination is petroleum based and not due to Site 7. The EPA will evaluate the results of #5 and revisit the request for shallow well pair on Spink Neck.

EPA Item #9 We'd like to offer the opportunity to discuss the Ada proposal on September 23rd BCT meeting.

Action: Agreed

EPA Item #10 EPA has offered to do the VOC analysis for wells, 31I, 14D, 15D, 3D as these haven't been sampled in the past 15 years or so and they'd like to have this data prior to flux meter deployment.

However, we expect these would need to be re-developed. EPA requests the Navy redevelop the wells prior to EPA sampling (in September) and analysis (prior to remaining Site 7 field work that is part of this SAP).

Action: The Navy is amenable to a separate field effort to develop the wells if the EPA would consider a reduction in wells to be sampled during routine monitoring or during the planned Site 7 effort because redevelopment would require a few days of effort. Bill to discuss with EPA team since Christine left the call prior to this discussion.