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LETTER AND COMMENTS FROM U S EPA REGION II ON VPB-133 WORK PLAN
ADDENDUM OCTOBER 2011 OPERABLE UNIT 2 (OU 2) OFF-SITE GROUNDWATER
INVESTIGATION NWIRP BETHPAGE NY

10/19/2011
U S EPA REGION II



U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II

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Steve -

I had the chance to review the *VPB-133 WORK PLAN ADDENDUM – OCTOBER 2011 OU 2 OFF-SITE GROUNDWATER INVESTIGATION NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) BETHPAGE, NEW YORK.*

The report is well-written. It is nice to see that two to three monitoring wells are planned at different screening intervals. Figure 3 indicates that screen depth of proposed TT-102D seems to be consistent with the depth of the upgradient South Farmingdale Well field SFW8665. This positioning could help the new wells to serve as markers regarding the extent to which the South Farmingdale water supply system is capturing the plume. I have only a few comments to add:

- (1) On page 1, the text of Section 1.1 "Scope and Objective" states that "The installation of vertical profile boring VPB-133 and the monitoring wells will specifically assess the condition of groundwater north of Massapequa Water District (MWD) public water supply wells N-06442 and N-06443." Additional wording should be added to clarify that the proposed wells are not meant to serve as *outpost wells*, as defined by the ROD for OU-2, (e.g., they are not meant to give Massapequa a 5-year warning to start designing a treatment system). This clarification can help to avoid misunderstanding in the future.
- (2) Although the cover letter notes that the well locations (at the intersection of Aiken Avenue and Stewart Place) will be approximately 4000 feet north of the (northernmost) Massapequa Well Field, I did not see this information in the actual report. This information regarding the distance from MWD wells N-06552 and N-064443 should be added to the report.

Thank you for the opportunity to comment.