

Teleconference Minutes
BWD/H2M/Navy/NYSDEC and Northrop Grumman
January 26, 2012

Participants:

- Representing NG: Ed Hannon, John Cofman, Jill Palmer, Aaron Gershonowitz, Mike Wolfert, Carlo San Giovanni, Carol Henry
- Representing BWD: Rich Humann, Anthony Sabino, Mike Boufis
- Representing Navy: Lora Fly
- Representing NYSDEC: Jim Harrington

Purpose: further discussion on the possible use of Plant 4 as part of a remedial solution

1. Opening Remarks

- There has been significant activity since the last meeting on December 8th, including: (1) groundwater modeling, (2) Plant 4 information provided by H2M and reviewed by ARCADIS, and (3) a walk-through of Plant 4 to support NG's engineering analysis.

2. Results of Groundwater Modeling

- ARCADIS modeled the capture zone and fate and transport of VOCs by a potential recovery/public supply well (RW-21R) located near BWD Plant 4. The modeling assumed that RW-21R would be pumped at 1,000 gpm, BWD Well 4-2 would not be pumped, and RW-19 would be pumped at 700 gpm. Otherwise, the model was run under the same assumptions used for the OU3 Study Area Feasibility Study.
- The model results indicate that VOC concentrations at Plant 4 and at RW-21R, after a startup period, will be in the hundreds of ppb or less. The Plant 4 treatment system is designed to handle substantially higher concentrations than these.
- BWD and NG agree that there do not appear to be technical, legal, or political impediments to pumping and treating water from RW-21R and then combining it with water from Well 4-1 for public supply. During system start-up and at times when supply exceeds demand, the treated water from RW-21R would be discharged to the Arthur Ave. recharge basin.

3. Next Steps and Anticipated Schedule

- ARCADIS described the next steps, which include developing a preliminary design and budget for installing and operating RW-21R, treating the extracted water at Plant 4 for public water supply, and discharging the water to the Arthur Ave basin during the start-up period and when pumping exceeds demand.
NG anticipates receiving preliminary cost information by late February, reviewing it in March, and then communicating with BWD.

4. Questions on information sent to NG from H2M

- NG requested 2010/2011 pumping and water quality information for Plant 4. H2M indicated that the plant was shut down until late 2011, but there is some 2012 water quality information.

5. OU3 and PRAP Update

- NYSDEC reported that the PRAP is undergoing senior management review, and is expected to be issued before the end of the fiscal year (March 31). The groundwater remedy will be general in nature, indicating a preference to use existing infrastructure whenever possible.
- DEC plans to conduct a public availability session (poster session), and then a public meeting with regard to the PRAP. At the conclusion of the comment period, the DEC will issue the ROD and the Responsiveness Summary.

6. Closing Comments and Action Items

- H2M will send Plant 4 water quality and pumping data.
- NG will assess preliminary cost information in March.