

**Highlights from Northrop Grumman and Navy
Bethpage Regional Plume**

PRIORITIZED ACTIVITIES

**January 15, 2013, 9:30-1:30 pm
Bethpage, NY**

Attendees:

Navy - Lora Fly, Arun Gavaskar, Dave Brayack, Eleanor Vivaudou, William Spronz, Al Taormina

Northrop Grumman – Edward Hannon, Dave Stern Kent Smith, Mike Wolfert, Carlo San Giovanni, Carol Henry and Joel Balmat (via telephone)

Objective: To develop a prioritized schedule of activities to address the Bethpage regional plume, as requested by U.S. EPA and NYSDEC during a meeting on November 29, 2012.

Representatives of the U.S. Navy and Northrop Grumman met in Bethpage, NY to develop a prioritized schedule of Bethpage regional plume activities/actions. A first draft of the document was developed by NG and discussed during the meeting. A schedule for review and submittal of the document to the NYSDEC was developed during the meeting.

The schedule will cover expected activities for Calendar Year 2013 only, and responsibilities for each activity could change in the future.

Activities	Party Conducting Activity
Continuing to sample appropriate monitoring wells, based on approved joint sampling plans.	Northrop Grumman & Navy
Sharing and reviewing validated data that is in the public domain	Northrop Grumman & Navy
Review, identify and list the regional GW monitoring wells to be used for the one time comprehensive round of sampling in the region.	Northrop Grumman & Navy
Establish periodic meeting schedules for Navy/Northrop Grumman and Navy/Northrop Grumman/NYSDEC/EPA.	Northrop Grumman & Navy
Maintaining effective operation of the OU2 on-site containment system (ONCT) for hydraulic containment of the groundwater plume.	Northrop Grumman
Maintaining effective operation of the BCP groundwater interim remedial measure for hydraulic containment.	Northrop Grumman
Conduct a comprehensive round of groundwater sampling from the joint list of monitoring wells for use in updating water quality data within the plume. Use existing data from recent	Northrop Grumman

sampling events conducted by Navy & Northrop Grumman.	
Maintaining effective operation of the GM-38 remedial system for hot-spot removal.	Navy
Activities	Party Conducting Activity
Conduct capture zone analysis for the wells at GM-38 and nearby extraction wells (BWD Plants 4, 5 and 6), including field measurements and groundwater flow modeling.	Navy
Continue to delineate and define the extent of TCE-contaminated groundwater upgradient of BWD Plant 6. Attempt to identify the source or this contamination.	Navy
Initiate preparation of a concise, but comprehensive, conceptual site model (CSM) report describing the collection of impacts commonly referred to as the "Bethpage Plume". Northrop Grumman will provide comments.	Navy
Working with BWD, NCDOH, NYSDEC, NYSDOH and USEPA to initiate year-round operation of Bethpage Water District Well 6-2 for VOC mass removal.	To Be Determined
Continue to coordinate with water districts on wellhead treatment that has been or is being implemented on impacted supply wells.	To Be Determined

The next quarterly meeting between the Navy and Northrop Grumman will be scheduled for April in coordination with the Navy's RAB meeting schedule.

1. Add ~~Interim~~ Site Mngt Plan