

**NAVAL FACILITIES ENGINEERING COMMAND  
NWIRP BETHPAGE ACTIVITY/PROGRESS UPDATE  
NWIRP BETHPAGE, NEW YORK  
ACTIVITY PERIOD: JULY 2013**



**1. Summary and Progress**

- Navy begins reduced work schedule
- Continued operation of the NYAW Interim GAC system.
- Conducted the construction kick-off meeting for the permanent system at New York American Water.
- Tetra Tech down loaded the June 2013 water level recordings and submitted them to USGS.
- Provide preliminary data to NG to incorporate into comprehensive groundwater sampling plan.
- Continued preparation of the Remedial Investigation Report for Site 1 PCB investigation
- Five Year Review.
- Finalizing installation at VBP-139; received access agreements for VPB-140 and -141.
- Continued operation of GM-38 Treatment System. Procuring a contractor for upgrading the existing vapor phase duct work.
- Continued operation of Site 1 Soil Vapor Extraction (SVE) Containment System.

**2. Planned Activity for Next Month (August)**

During the next the next month, the Navy anticipates performing the following:

- Coordinate surveying of the horizontal and vertical coordinates for each of the monitoring wells.
- Install additional data loggers in Navy wells south of the ONCT.
- Conduct the August 2013 download of the data loggers.
- Submit the Action Memorandum for AOC-32 and Five Year Review.
- Continue preparation of the Remedial Investigation Report for Site 1 PCB investigation
- Continue operation of GM-38 Treatment System, Site 1 SVE Containment System, and NYAW Interim GAC system.
- Continue vapor phase duct work replacement for GM-38.
- Install wells at VBP-139
- Start construction of the full scale GAC system at NYAW

**3. Reports Submitted**

- See Table 1.

<b>Submittal Date</b>	<b>Author</b>	<b>Description</b>	<b>NYSDEC #1 Approval/ Concurrence</b>
03/02/11	Tetra Tech	Bethpage Site 4 Groundwater Sampling Plan	4/13/11
09/14/11	Tetra Tech	Site 1 - SVE Containment System Modification	10/6/2011
<b>11/21/11</b>	<b>Tetra Tech</b>	<b>Proposed Modifications to Discharge Limits for Offgas VOCs for Air Stripping Tower, GM-38</b>	
12/6/2011	Tetra Tech	Supplemental Offsite Soil Vapor Intrusion Monitoring Plan for the Soil Vapor Extraction Containment System, Site 1-Former Drum Marshalling Area, NWIRP Bethpage, NY	01/24/2012
12/08/11	Tetra Tech	VPB -133 Work Plan Addendum CTO 066	12/03/12
1/16/2012	Tetra Tech	Study of Alternatives for Management of Impacted Groundwater at Bethpage	5/14/2012
2/1/2012	AGVIQ/CH2M Hill	Final Construction Work Plan Interim Emergency Treatment Liquid Phase Granular Activated Carbon Units NWIRP Bethpage NY	Information Only
2/15/2012	Tetra Tech	Final Supplemental Offsite Soil Vapor Intrusion Monitoring Plan for the Soil Vapor Containment System, Site 1-Former Drum Marshalling Area, NWIRP Bethpage, NY	01/24/2012
03/30/12	Tetra Tech	March 2012 Work Plan Addendum TT-102D/TT-102D2, VPB-133 and Validated Groundwater Analytical Data, Pre-Design Field Investigation OU-2 Off-site Groundwater Investigation, NWIRP Bethpage, NY	04/30/2012
<b>05/04/12</b>	<b>Tetra Tech</b>	<b>OU-2, draft letter WP Addendum, May 2012, on-site VPB (VPB-134,135,136)</b>	
05/29/12	Tetra Tech	Sampling and Analysis Plan (SAP) Addendum for Site 1 Soils, PCB Investigation at Site 1 – Former Drum Marshalling Area	06/20/2012
6/8/2012	AGVIQ/CH2M Hill	Draft Construction Work Plan, Installation of Full Scale Treatment Systems, Liquid-Phase Granular Activated Carbon Units Revision 1 NWIRP Bethpage	Information Only
6/25/2012	H&S	2011 Annual Operations Report, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only
8/14/2012	H&S	Quarterly Operations Report, First Quarter 2012, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only
8/17/2012	Resolution	Sampling and Analysis Plan, Bethpage New York (OU2 Groundwater Investigation)	4/16/2013
8/27/2012	H&S	Quarterly Operations Report, First Quarter 2012, Soil Vapor Extraction Containment System, Site 1 Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
09/07/12	Tetra Tech	Interim DSR for Site 1 Groundwater (w/SAP Addendum)	Information Only
9/18/2012	AGVIQ/CH2M Hill	Draft Construction Work Plan, Installation of Full Scale Treatment Systems, Liquid-Phase Granular Activated Carbon Units Revision 1 NWIRP Bethpage	Information Only

9/20/2012	AGVIQ/CH2M Hill	Draft Construction Closeout Report, Installation of Full Scale Treatment Systems, Liquid-Phase Granular Activated Carbon Units Revision 1 NWIRP Bethpage	Information Only
9/28/2012	AGVIQ/CH2M Hill	Draft Accident Prevention Plan, Installation of Full Scale Treatment Systems, Liquid-Phase Granular Activated Carbon Units Revision 1 NWIRP Bethpage	Information Only
10/15/2012	Tetra Tech	Letter Work Plan Water Level and Pumping Test Activities to Support GM-38 Capture Zone Analysis NWIRP Bethpage, NY	Information Only
10/15/2012	Tetra Tech	Approach to Modeling the Capture Zone of the Bethpage GM-38 Extraction System	Information Only
11/7/2012	Tetra Tech	Summary Report for 2010 to 2012 Offsite Vertical Profile Borings (VPBs) and Monitoring Wells (MWs), Pre-Design Field Investigation, NWIRP Bethpage, NY	Information Only
11/16/2012	Tetra Tech	Summary Report for 2012 Offsite Vertical Profile Borings (VPBs) and Monitoring Wells (MWs), Pre-Design Field Investigation (VPB-134, -135, and -136), NWIRP Bethpage, NY	Information Only
<b>12/13/2012</b>	<b>Resolution</b>	<b>Sampling and Analysis Plan, Bethpage, NY</b>	
12/13/2012	AGVIQ/CH2M Hill	Final Construction Work Plan, Installation of Full Scale Treatment Systems, Liquid-Phase Granular Activated Carbon Units Revision 1 NWIRP Bethpage	Information Only
2/7/2013	H&S	Quarterly Operations Report, Third Quarter 2012, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only
3/26/2013	H&S	Quarterly Operations Report, Third Quarter 2012, Soil Vapor Extraction Containment System, Site 1 Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
<b>4/30/2013</b>	<b>Resolution</b>	<b>Sampling and Analysis Plan, Bethpage, NY</b>	
5/1/2013	H&S	Construction Completion Report for Time Critical Removal Action AOC-32-PCE Underground Storage Tanks at NWIRP Bethpage, NY	06/18/2013
5/20/2012	H&S	2012 Annual Operations Report, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only
5/23/2012	H&S	2012 Annual Operations Report, Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
<b>6/3/2013</b>	<b>Tetra Tech</b>	<b>June 2013 Feasibility Study/Corrective Measures Study Site 4 (Area of Concern [AOC] 22 – Former Underground Storage Tanks, Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, NY</b>	
7/11/2013	Tetra Tech	Interim Data Summary Report for Site 1 Groundwater - PCB Investigation	Information Only

\*1. Highlighted items need NYSDEC Approval/Concurrence