



Restoration Advisory Board (RAB) Meeting

**Naval Weapons Industrial Reserve
Plant (NWIRP) Bethpage
July 30, 2008**

AGENDA



Agenda

Restoration Advisory Board
Naval Weapons Industrial Reserve Plant Bethpage

July 30, 2008
Bethpage Community Center, Bethpage, NY
7:00 p.m.

Welcome and Agenda Review
Lora Fly, NAVFAC Mid-Atlantic

Meeting Minutes
All Members

Technical Progress

Site 1 Soil Vapor Study
Rob Sok, Tetra Tech

Offsite Groundwater Investigation
David Brayack

GM-38 Construction Status
Stavros Patselas, Tetra Tech

Closing Remarks
Lora Fly

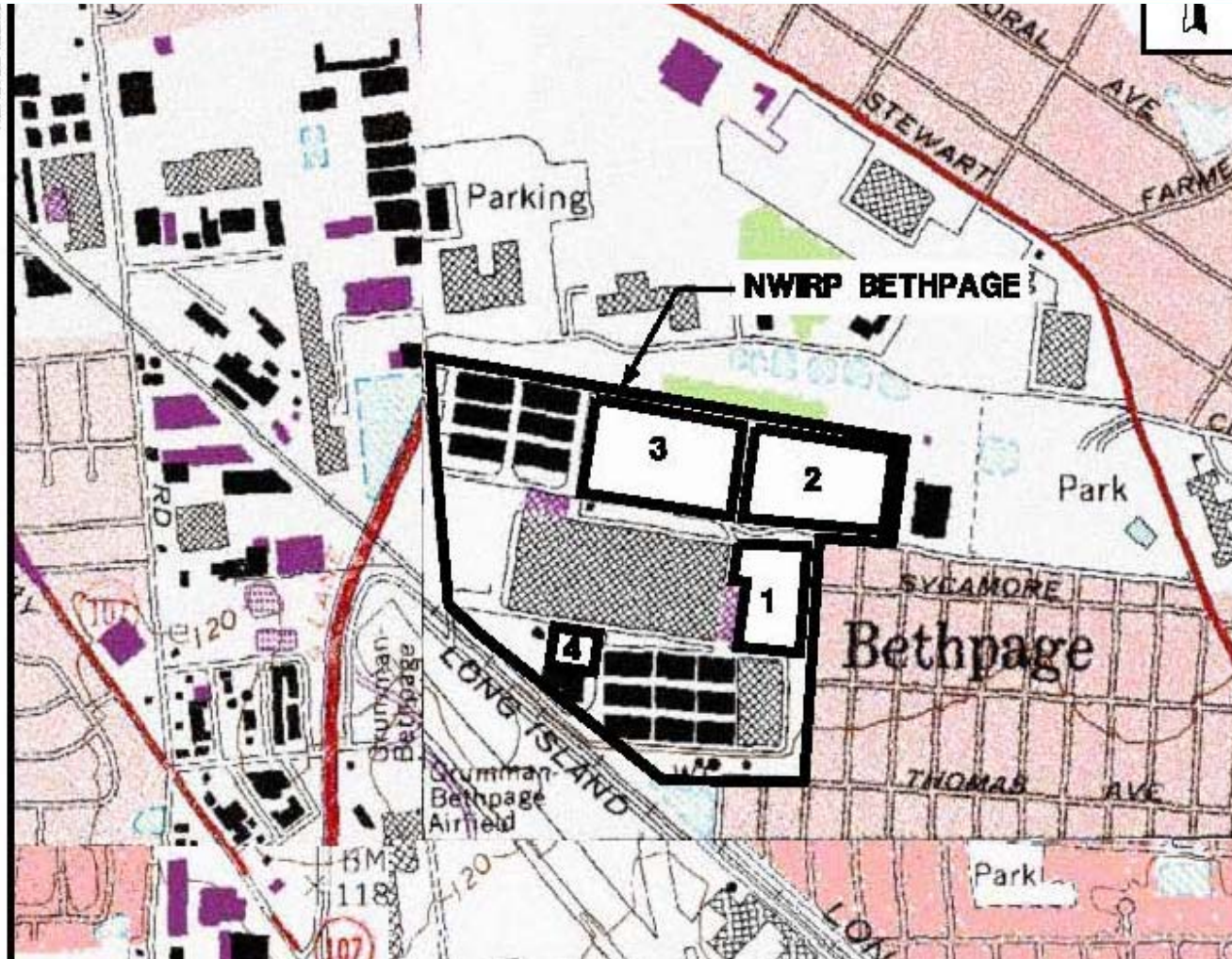
Presenters will be available after the program for questions.

WELCOME



- **April 2008 RAB Meeting Minutes Approval**

SITE MAP



GM-75 PROGRAM PURPOSE



- **Purpose:** The GM-75 Program is being conducted to delineate an area of groundwater contamination that has TCE at a concentration greater than 1000 ug/l and is beyond the capture zone of the On-Site Groundwater Containment System.
- Vertical profile borings are used to quickly screen areas for the presence, depth, and concentration of contamination.

GM-75 VERTICAL PROFILE BORING PROGRAM



- A vertical profile boring is a 12-inch diameter hole drilled into the ground. At select depths, the drilling is stopped and a sampling device is lowered to the depth, and a sample of the water encountered is collected.
- The borings will extend to the Raritan Clay Layer at a depth up to 840 feet below ground surface.
- At 840 feet, the sampler is exposed to a pressure of 340 pounds per square inch (PSI).
- 36 groundwater samples will be collected per boring and analyzed for VOCs.

GM-75 VERTICAL PROFILE BORING PROGRAM (CONTINUED)



- Each boring requires 4 to 6 weeks to complete and costs \$150,000 to \$200,000.
- Based on results, permanent monitoring wells may be installed.
- Three locations have been selected, five other locations are being considered.
- Work is scheduled to start early fall (October).

GM-75 PROGRAM

