
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

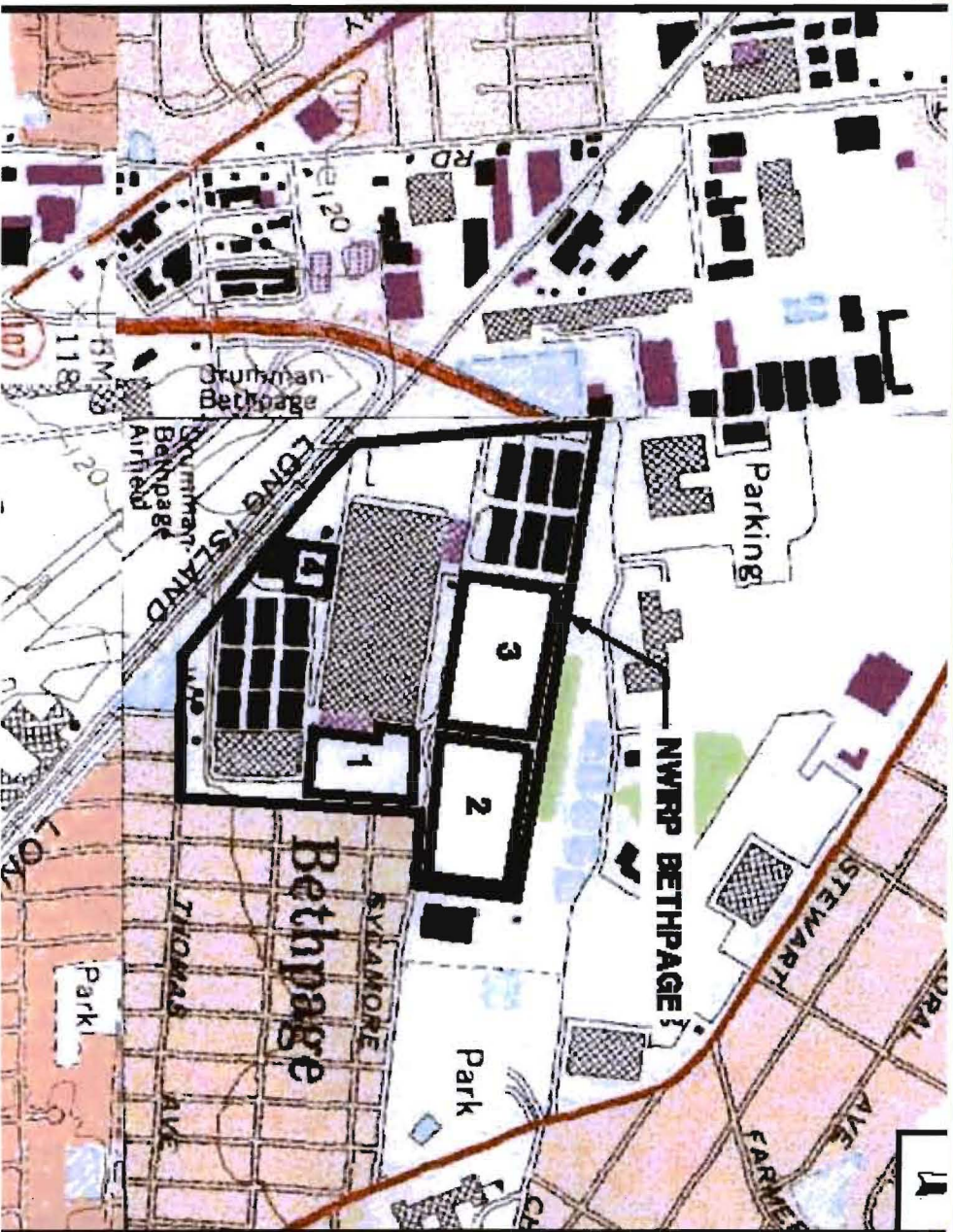
Presenters will be available after the program for questions.



**Restoration Advisory Board
(RAB) Meeting**

**Site 1 –Soil Vapor Testing
Naval Weapons Industrial Reserve
Plant (NWIRP) Bethpage
July 30, 2008**

SITE MAP



SITE 1 HISTORY



- Site 1 – Former Drum Marshalling Area – wastes from Plant No. 3 were stored prior to offsite disposal (1940s to 1970s).
- Solvents (volatile organic compounds – VOCs) were likely released.
- Solvents in soil and groundwater at Site 1 were treated using air sparging/soil vapor extraction from 1998 to 2002.
- Treatment goal was to eliminate a continuing source of groundwater contamination. System met this goal. Several tons of solvents were removed during treatment and groundwater at site was near cleanup goals (drinking water quality).

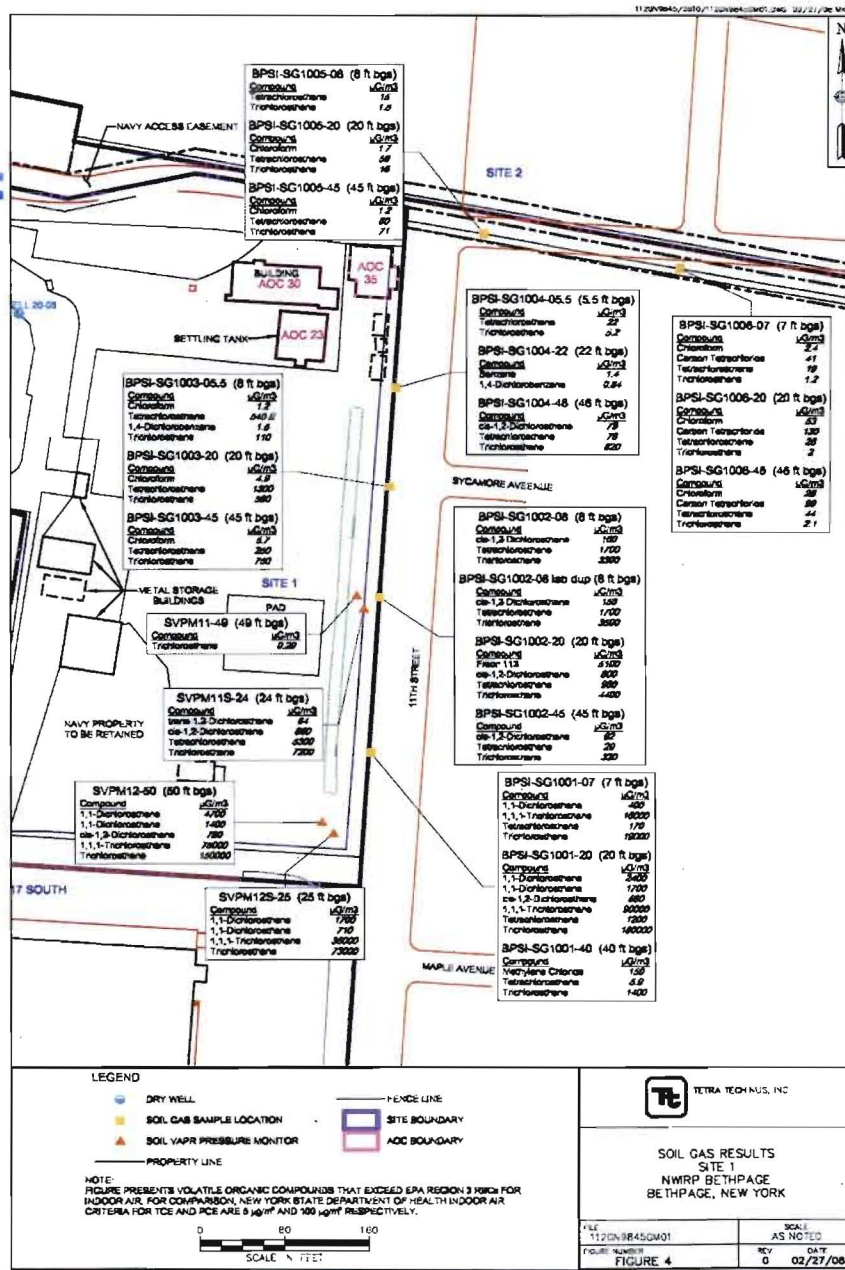
SITE 1 HISTORY



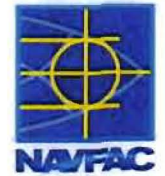
- October 2006 New York State Department of Health issued soil vapor intrusion regulations – identifies soil vapor migration and potential intrusion into buildings as a potential concern.
- January 2008, Navy conducted a soil gas investigation at the eastern fence line of Site 1. Investigation was conducted to determine whether there was a potential for off site migration.
- Results found elevated levels at the fence line.



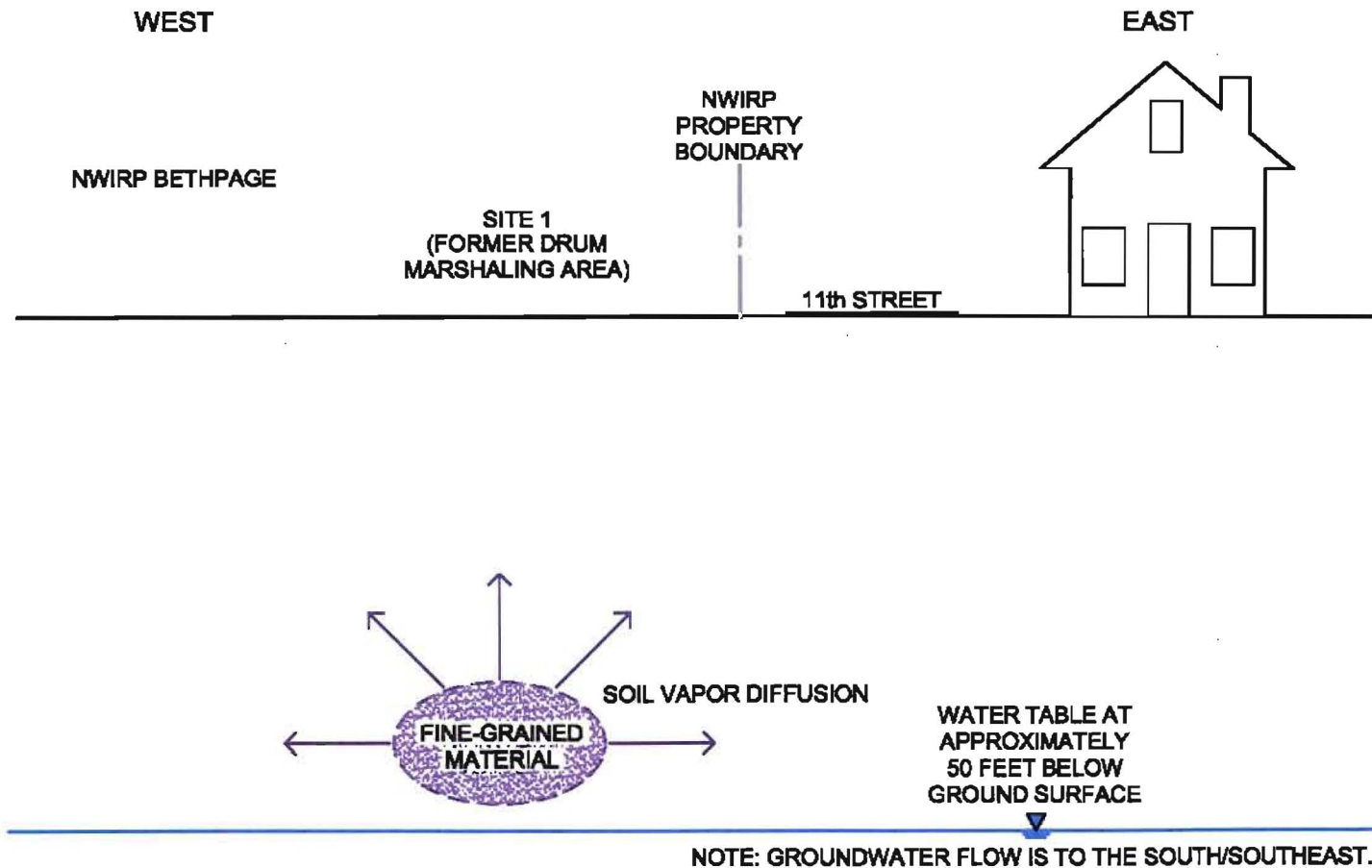
SITE 1 SOIL GAS SAMPLING RESULTS (January 2008)



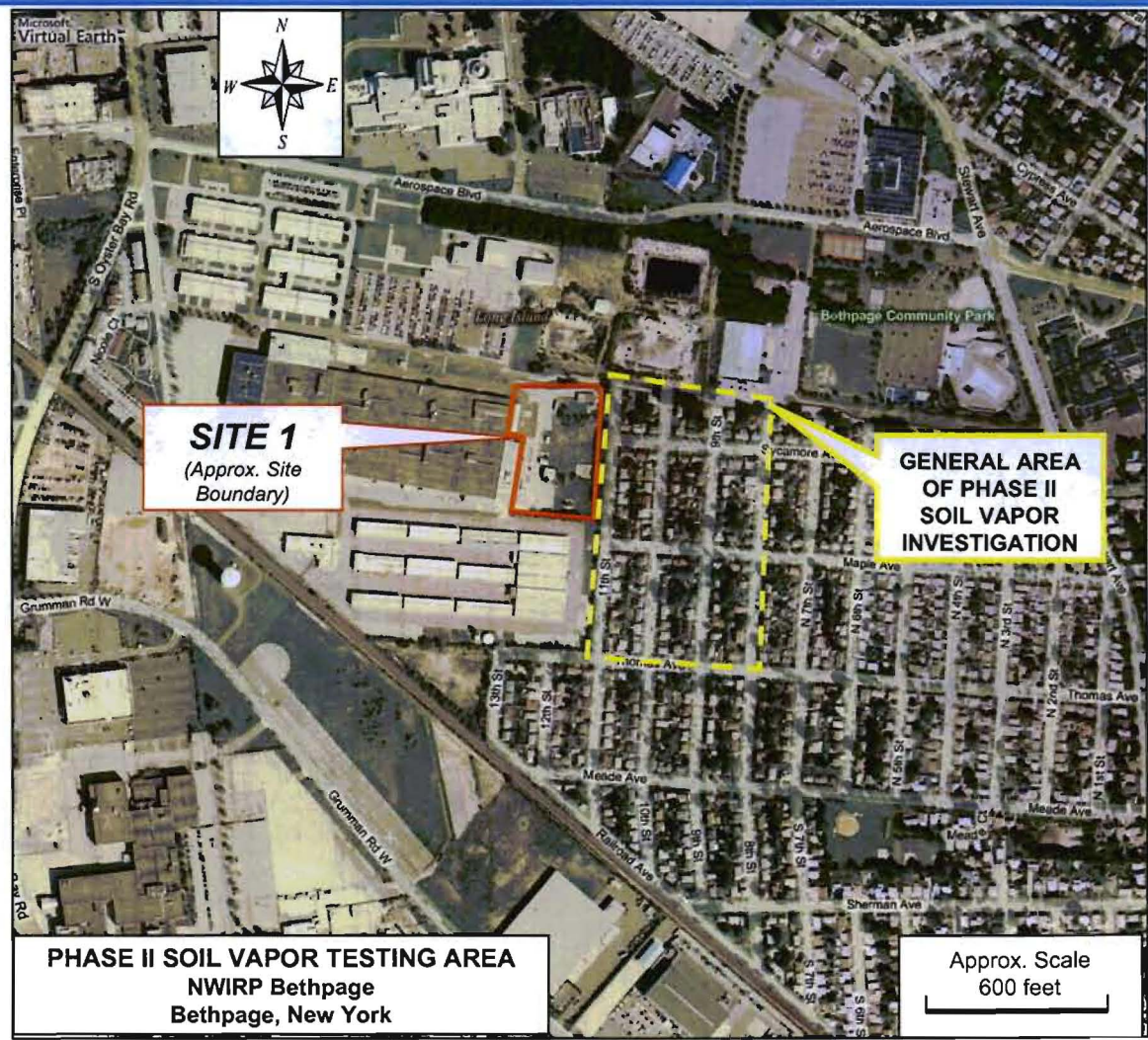
CONCEPTUAL SITE MODEL



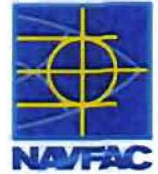
CONCEPTUAL SITE MODEL FOR VAPOR INTRUSION



SITE 1 – PHASE II SOIL GAS INVESTIGATION



SCHEDULE



- Draft Work Plan to regulators mid August
- 30-day regulator review
- Final Work Plan completed by end of September
- Field work to begin pending site access agreement