JANUARY 10, 2012

WELCOME TO THE

PUBLIC AVAILABILITY SESSION

FOR

PLANNED UPGRADES AT AQUA NEW YORK'S SEAMANS NECK ROAD WATER PLANT

AQUA

Why are you here?

- The United States Navy, in cooperation with Aqua New York, initially will be installing a temporary treatment system for one of the two wells at the facility, followed by a final treatment system for both wells and long-term operation at Aqua New York's – Seamans Neck Road water supply system

Why is treatment required?

- Trace levels of volatile organic compounds (VOCs) have been detected in water
- These concentrations are less than Department of Health drinking water standards; however, concentrations can increase over time

Who else is involved in the project?

- The Navy and Aqua New York are working with:
  - New York State Department of Environmental Conservation,
  - New York State Department of Health,
  - Nassau County Department of Health, and
  - Town of Hempstead

What treatment will be used?

- The interim and the final treatment systems will consist of vessels containing granular activated carbon (GAC). These systems are large-scale versions of the common home filtration systems. The GAC has been shown to reliably remove these VOCs from water

Why is the Navy involved in this project?

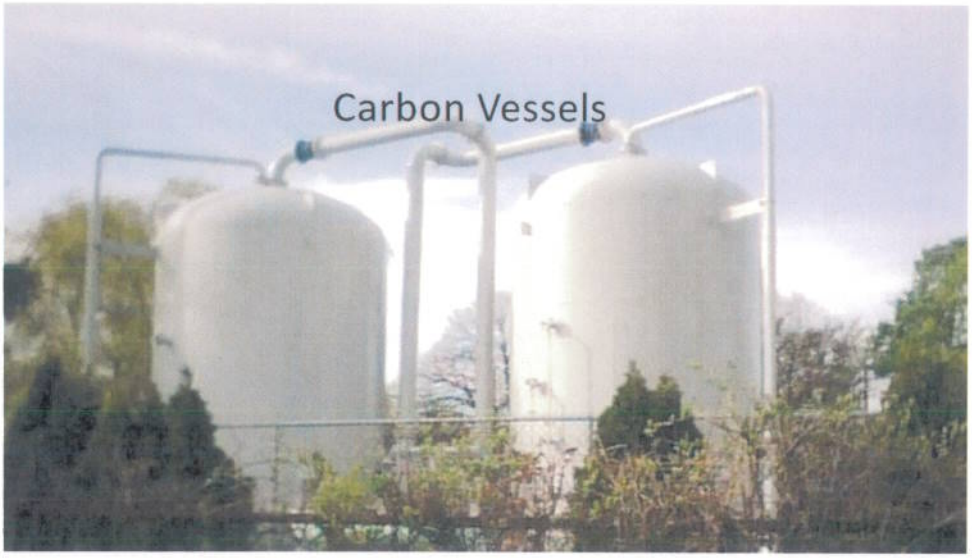
- The source of the VOCs is linked to the former Grumman property approximately 2.5 miles north of the water supply system. The Navy owned a portion of the property and based on a Record of Decision issued in 2003, can install these treatment systems
- Similar projects are being conducted in the area

What is Aqua New York's Involvement?

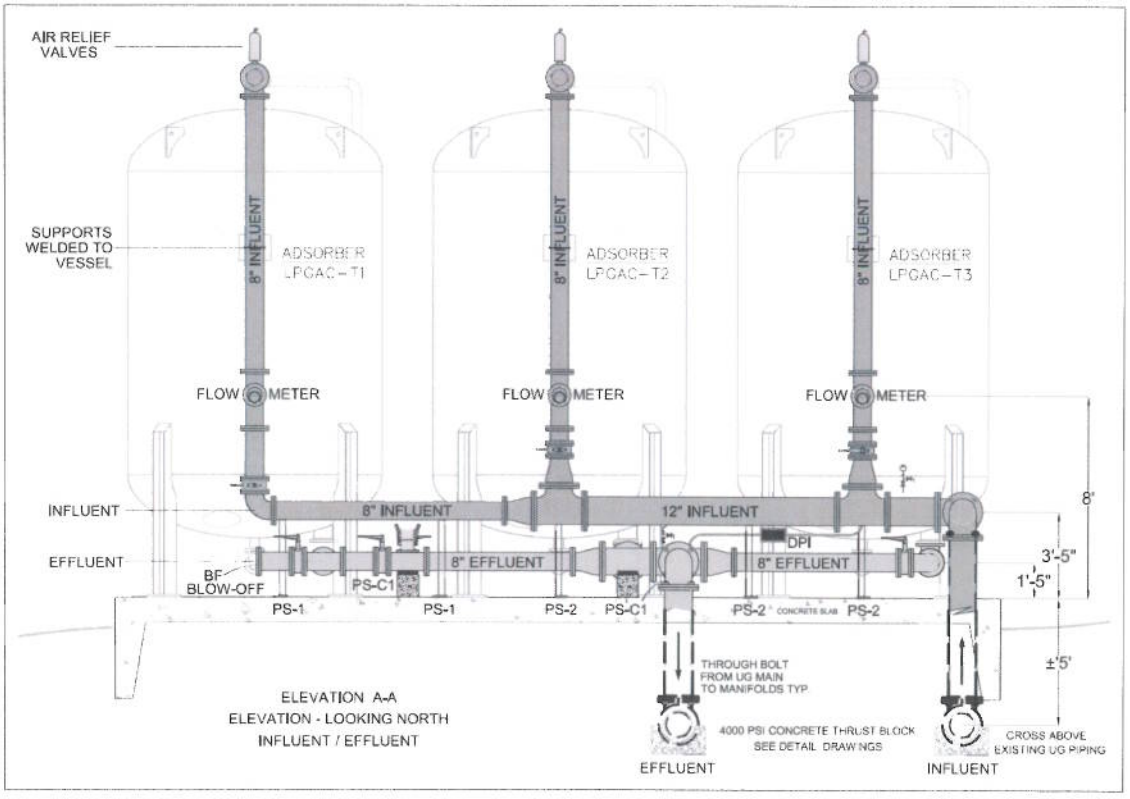
- Aqua New York will continue to operate the facility and ensure reliable water service

Interim Treatment System

- Three 20,000-pound Granular Activated Carbon Vessels will be installed in February to April 2012, and will operate until December 2012
- One 21,000-Gallon Temporary Tank will be used to store waste waters



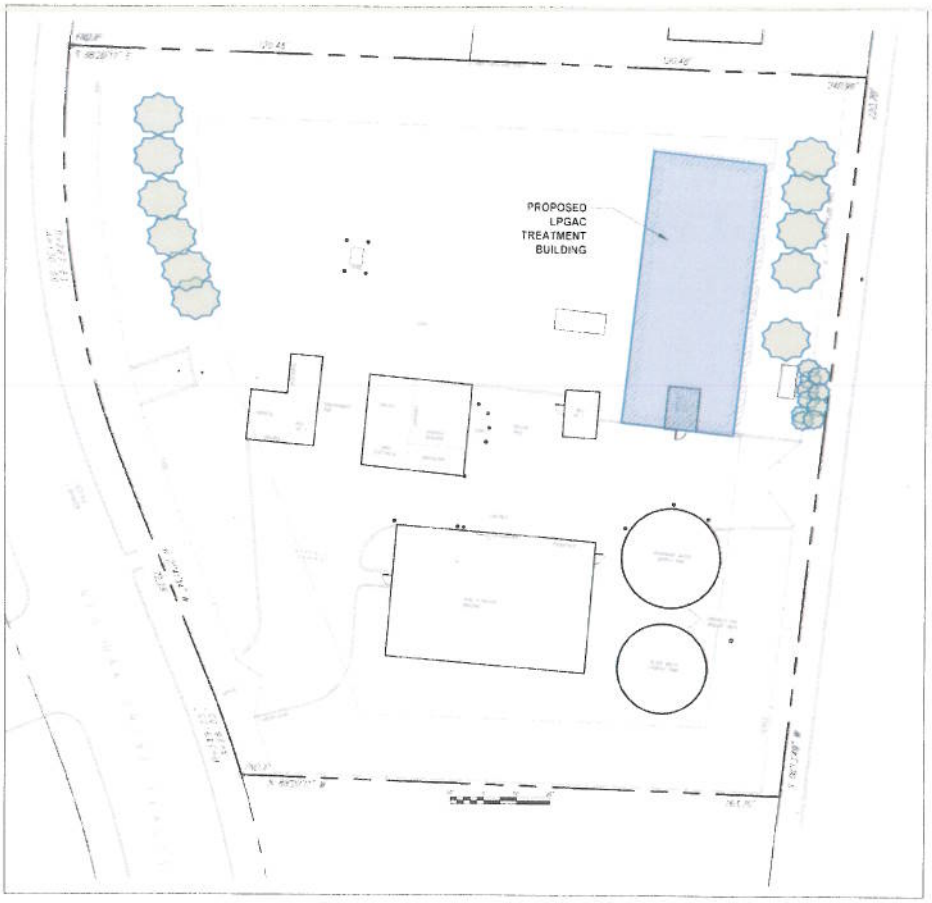
Interim Treatment System

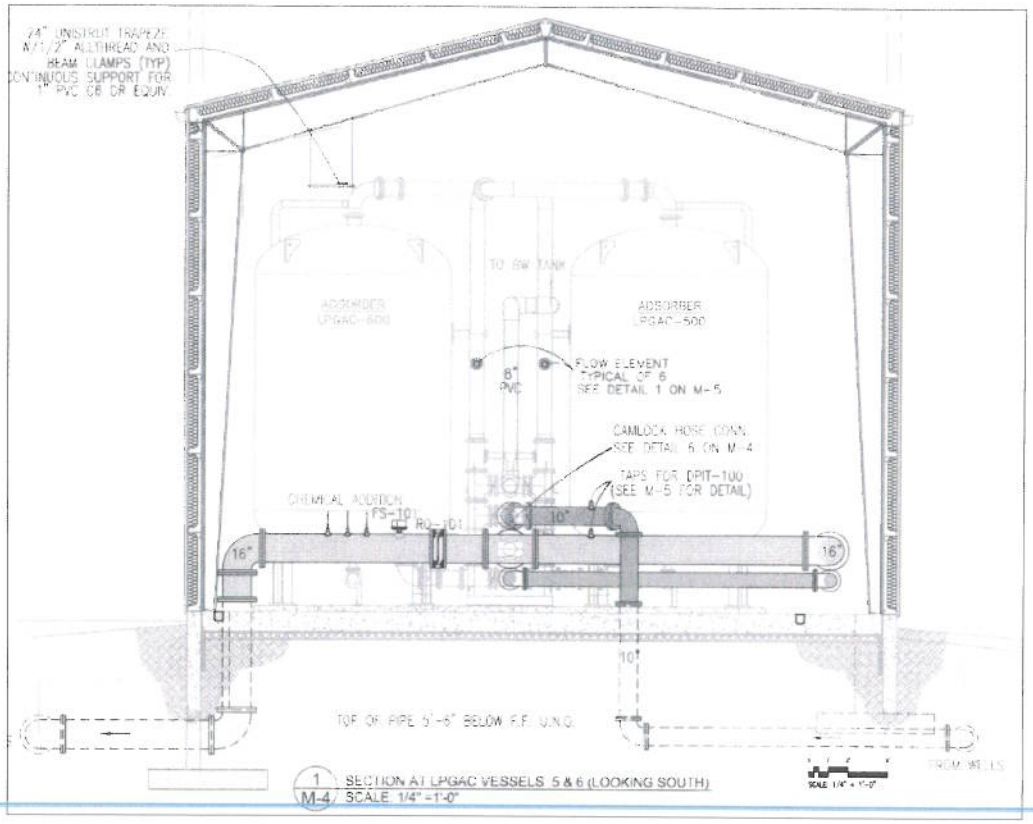


Full-Scale Long-Term System

- Six 20,000-pound Granular Activated Carbon Vessels enclosed within a building
- Backup generator to ensure water supply during a power outage
- Construction to start in Spring 2012, and be completed in winter 2012/2013.

Full-Scale Long-Term System





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