

NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

## **PROJECT FACT SHEET**

### **Soil Gas Interim Remedial Measure**

### **Operable Unit 3**

### **Bethpage, New York**

### **January 2008**

***Work is continuing nearby your neighborhood and the Department of Environmental Conservation wants you to know that...***

During ongoing installation of the Soil Gas Interim Remedial Measure (IRM) trench excavation activities at the former Grumman Plant 24 Access Road Site, discolored soil containing volatile organic compounds were identified within the work area. Once identified, soil samples were collected, and the area was properly secured while plans were modified.

Based on results of laboratory analyses, the New York State Department of Environmental Conservation (NYSDEC) has approved excavation of the discolored soil be resumed, contingent upon implementation of the following engineering controls: (1) conduct site monitoring in accordance with the NYSDEC-approved Community Air Monitoring Plan, (2) utilize appropriate site worker personal protection equipment if necessary, and (3) apply a non-hazardous, vapor-suppression liquid known as Biosolve® directly to the impacted soil area during excavation. These controls were selected, in of an abundance of caution, to eliminate any potential for volatile organic vapor emissions to both the site workers and the nearby community during excavation of the impacted soil.

**WHAT ACTIVITIES ARE BEING DONE?** ARCADIS (the Northrop Grumman Subcontractor) will resume excavation of the discolored soils using a standard excavator. During the excavation, workers will monitor volatile organic compound vapor (in air) concentrations within the work area and at the boundary of the work area. A commercially-available, red-colored, non-hazardous, vapor suppression liquid will be sprayed on the impacted soils at the point of excavation to trap volatile organic compounds within the soils and prevent vapor emission. In addition, for the health and safety of site workers, at times you may see site workers wearing protective coveralls and face respirators during this soil excavation activity.

**WHAT WILL BE DONE TO MITIGATE VAPORS LEAVING THE WORK AREA?** Air quality will be continually monitored both at the point of excavation and at both upwind and downwind work area boundary locations during excavation activities. To prevent unauthorized access to the work site, fencing will be maintained around all open excavations/work areas.

**HOW LONG WILL THIS WORK TAKE?** The excavation is anticipated to be performed during the weeks of January 7<sup>th</sup> and January 14<sup>th</sup>, 2008. During this time, the former Grumman Plant 24 Access Road will be closed to vehicle and pedestrian traffic.

**WHAT SCHEDULE WILL BE FOLLOWED?** The excavation activities will be between the hours of 7 a.m. and 5 p.m, Monday through Saturday.

**WHAT TYPE OF EQUIPMENT AND MATERIALS WILL BE USED?** Equipment and materials to be used include: trucks, backhoes, front-end loaders, dump trucks, generators, pressure washers, and vapor suppression liquid. The work is being conducted by trained personnel in accordance with an State approved Health and Safety Plan (HASP) and the State approved Community Air Monitoring Plan written specifically for this site and work.

**ANY QUESTIONS OR COMMENTS?** If you have any questions about this work, or if you experience problems as a result of this work, please call Mr. Steven Scharf or Mr. William Fonda of the NYSDEC using the contact information provided below.

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*For more information, go to NYSDEC website at <http://www.dec.ny.gov/>*

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