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## FACT SHEET

# Phoenix Military Reservation Baltimore County, Maryland

### Overview

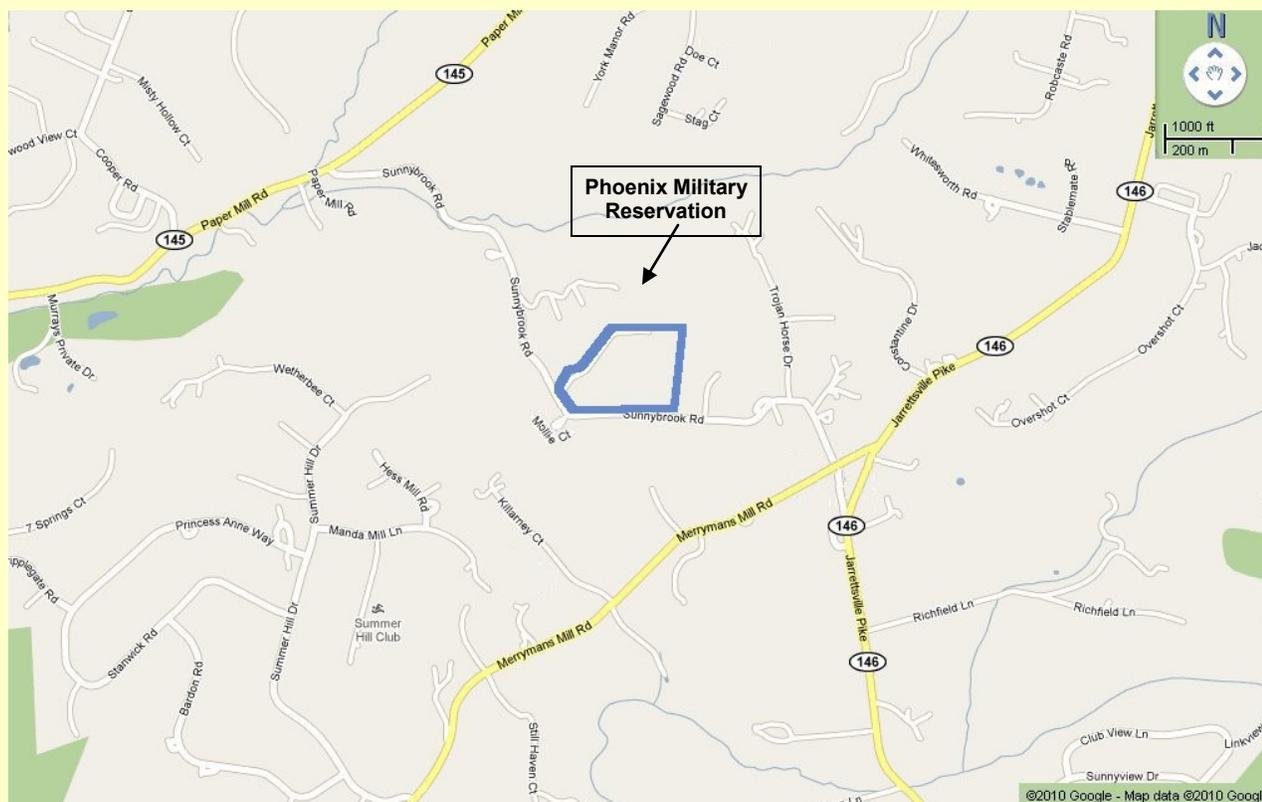
The U.S. Army at Fort George G. Meade (Army) has signed a Decision Document for the remediation of the groundwater underneath the Fire Control Area at the Phoenix Military Reservation, a sub-installation of Fort Meade, located approximately one-half mile west of Jacksonville, Baltimore County, Maryland. This fact sheet provides a brief overview of the selected remedy and the upcoming implementation and construction.

### Groundwater Remedy Selected

In August 2013, the Army distributed a Proposed Plan outlining options for remediating groundwater under the Fire Control Area at the Phoenix Military Reservation. The Army held a meeting during the 30-day public comment period and received comments on the various alternatives. After careful consideration of the public's comments, the Army selected **Directed Groundwater Recirculation, Monitored Natural Attenuation, and Land-Use Controls** as the remedy for the groundwater contamination. In October 2013, the Army signed a Decision Document which is a legal document binding the Army to implement this remedy; Maryland Department of the Environment and Baltimore County concurred with the remedy.

### Remedy Selected to Provide Best Protection of Human Health and the Environment

The Army selected the alternative of **Directed Groundwater Recirculation, Monitored Natural Attenuation, and Land-Use Controls** as it will best protect human health and the environment, is implementable and cost-effective, and satisfies the other selection criteria as required by law.



Under this alternative, the Army will remove the groundwater from a single extraction well for treatment at the rate of one to five gallons per minute. The extracted groundwater will be treated using granular activated carbon vessels. Then the treated groundwater will be re-injected back into the aquifer through a series of three injection wells. The Army anticipates this directed groundwater recirculation to operate for approximately five years. Following the shutdown of this system, natural attenuation will reduce remaining concentrations of solvents in the groundwater to cleanup goals within a total time of 10 to 15 years from initiation of the action. The Army will sample groundwater quarterly for the first two years of system operation and monitored natural attenuation sampling will be conducted annually for 15 years.

During construction, a drill rig, backhoe and related construction equipment will operate during normal business hours. Following construction, the only aboveground structure will be a 10 foot by 10 foot enclosure used to house treatment equipment and controls. It will be painted in a neutral color to best fit into the surrounding environment. Construction activities will begin in late March 2014 and last about four weeks.

Land-use controls already in place will be maintained and enhanced by installing additional signage, as needed and appropriate. Annual inspections will be conducted to ensure land-use controls remain in good condition.

**Documents Available Online and at Library and Fort Meade**

The Decision Document is available for review at the Cockeysville Branch Library, 9833 Green-side Drive, Cockeysville, MD, 21030; at the Information Desk, request temporary reference material. The Decision Document also is available at the Fort Meade Environmental Division, 4215 Roberts Ave., Room 320, Fort Meade, MD, 20755. You can also review the documents online at: [www.ftmeade.army.mil/environment](http://www.ftmeade.army.mil/environment) (click on the link for "Phoenix.")

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