

CONTACTS

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PUBLIC MEETING

A public meeting will be held to discuss the upcoming work at the Illinois National Guard Base, Peoria.

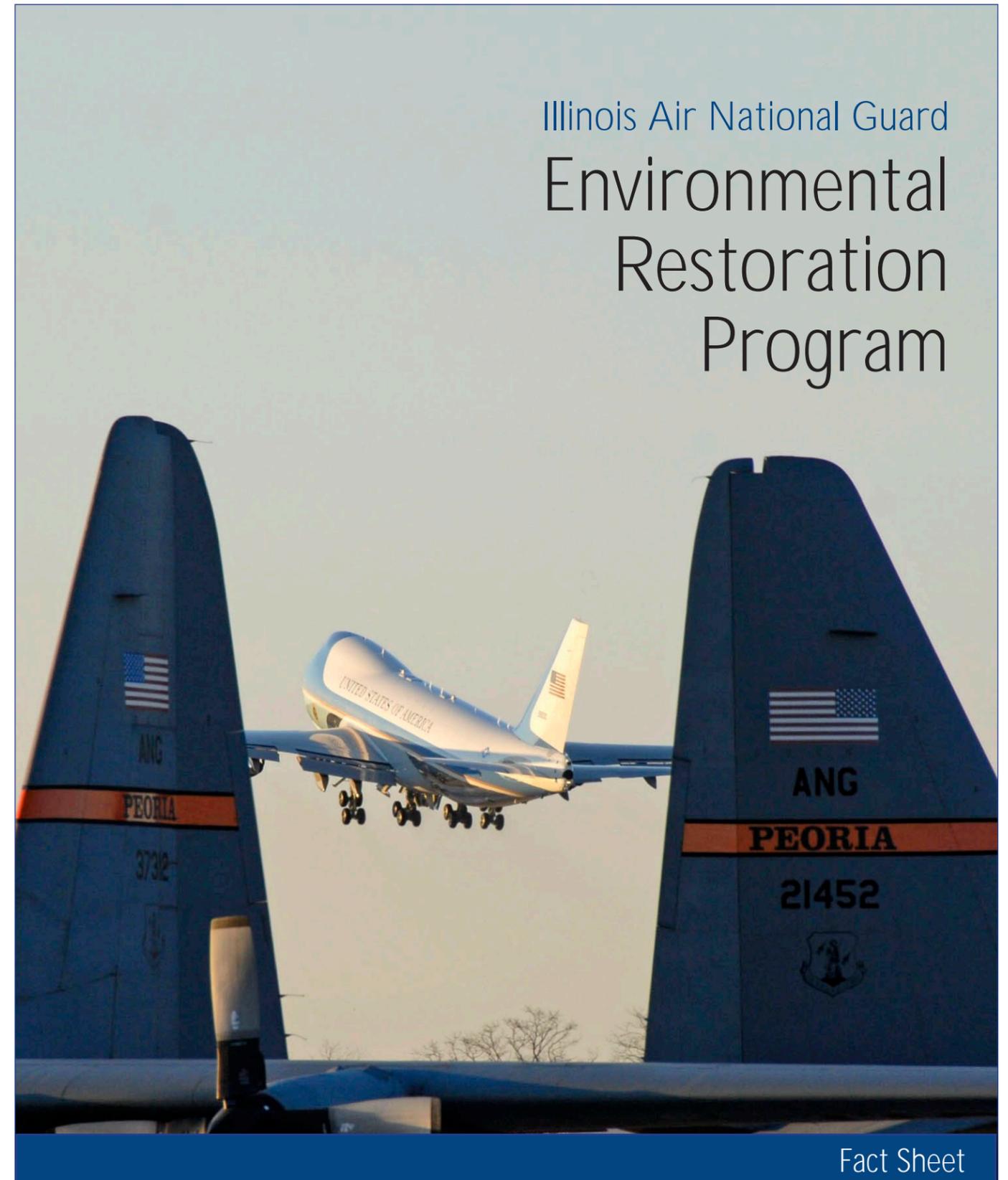
WHEN: Tuesday, March 27, 2012 @ 7 p.m.

WHERE: Monroe Elementary School Cafeteria
5137 W. Cisna Road
Bartonville, Illinois

If you need special services or accommodations to attend the meeting, contact Roxanne Lastoria

Everyone is welcome to attend.

Illinois Air National Guard Environmental Restoration Program



Fact Sheet

Peoria, Illinois
March 2012



The 182nd Airlift Wing of the Illinois Air National Guard is leading the cleanup of an Environmental Restoration Program site (Site 5) which is located on the east side of the General Wayne A. Downing Peoria International Airport. The Air National Guard is working in partnership with the Illinois Environmental Protection Agency.

Four other sites at the airport already have been closed with regulatory approval after investigation and, at one site, removal of contaminated soil. This fact sheet describes the process being used to clean up solvents and fuels left behind at Site 5 during previous Air National Guard Base operations.

The Environmental Restoration Program is a nationwide effort to identify possible environmental contamination that may have resulted from past practices, accidents, or incidents at military bases. The process for investigating and cleaning up sites to protect human health and the environment is regulated by the Comprehensive Environmental Response, Compensation, and Liability Act (commonly referred to as Superfund) and the 1986 Superfund Amendments and Reauthorization Act.

CLEANUP ACTION at SITE 5

The Base is located on the east side of the airport in the area of the former Air National Guard Base (Figure 1), adjacent to Airport Road. The Air National Guard originally leased 17.1 acres from the airport in 1947, later expanded to 46.7 acres in 1980. In 1994, a new Air National Guard Base was constructed west of the airport. The Army National Guard now occupies the buildings at the former Air National Guard area.

Site 5 is located south of the concrete apron (Figure 1). A plume of contaminated groundwater is associated with a former tank farm that had stored petroleum, oil, and lubricants. The groundwater is contaminated with chemicals found in fuel and solvents that were used in the

past to clean equipment. These chemicals include benzene, trichloroethene (TCE), tetrachloroethene (PCE), cis-1,2-dichloroethene (DCE), and vinyl chloride.

Remedial investigations and actions have been conducted at Site 5 since 1996. Pilot studies for the evaluation of in-situ chemical oxidation (ISCO) as a remedial method for site contaminants were conducted in 2007 and 2008. A vapor intrusion study was conducted at Site 5 in 2009. An additional pilot study and treatment zone delineation were conducted in 2010, when concrete pads associated with underground storage tanks (USTs), former building footings, and a roadway were also removed.

Based on all the previous studies, a Proposed Plan and a Record of Decision (ROD) were prepared in 2010. The selected remedial action is documented in the Record of Decision. All of these documents are available for review at the Alpha Park Public Library and at the Air National Guard Base. The Air National Guard is implementing the selected remedial action at Site 5.

FUTURE STEPS

Based on the proposed plan and Record of Decision, excavation and off-site disposal of soil saturated with contaminated groundwater was selected as the preferred remedial alternative for groundwater contaminated with solvents and fuels at Site 5.

The technical approach for remediation of contaminated soil and groundwater consists of excavating the impacted soils and disposing of them at an off-site Resource Conservation and Recovery Act (RCRA) Subtitle D landfill. The goal of this approach is to remove the source of dissolved-phase groundwater contamination, allowing natural processes to degrade any residual dissolved-phase groundwater contamination. Excavation and off-site disposal is well-suited to the nature and extent of contamination at Site 5, as Site data indicates the presence of significant contaminant mass in saturated soils. This alternative affords adequate protection of human health and the environment.

WORK SCHEDULE & COMMUNITY IMPACT

The work is scheduled to begin during the first week of April, and continue through the end of June. The work will include the installation of 25' deep steel piles around the contaminated soil, excavation and off-site disposal of the soil, backfilling with clean imported materials, removal of the sheet piles, and restoration to existing conditions.

Removal of the soil to an off-site disposal facility will require between 60 and 100 dump trucks per day hauling the material from the site for up to 6 weeks. Importing of clean fill will also require 100+ loads per day for approximately 3 weeks. The majority of construction traffic will use the gate located off Airport Road, south of the Site 5 area and north of Smithville Road, as shown on Figure 1.

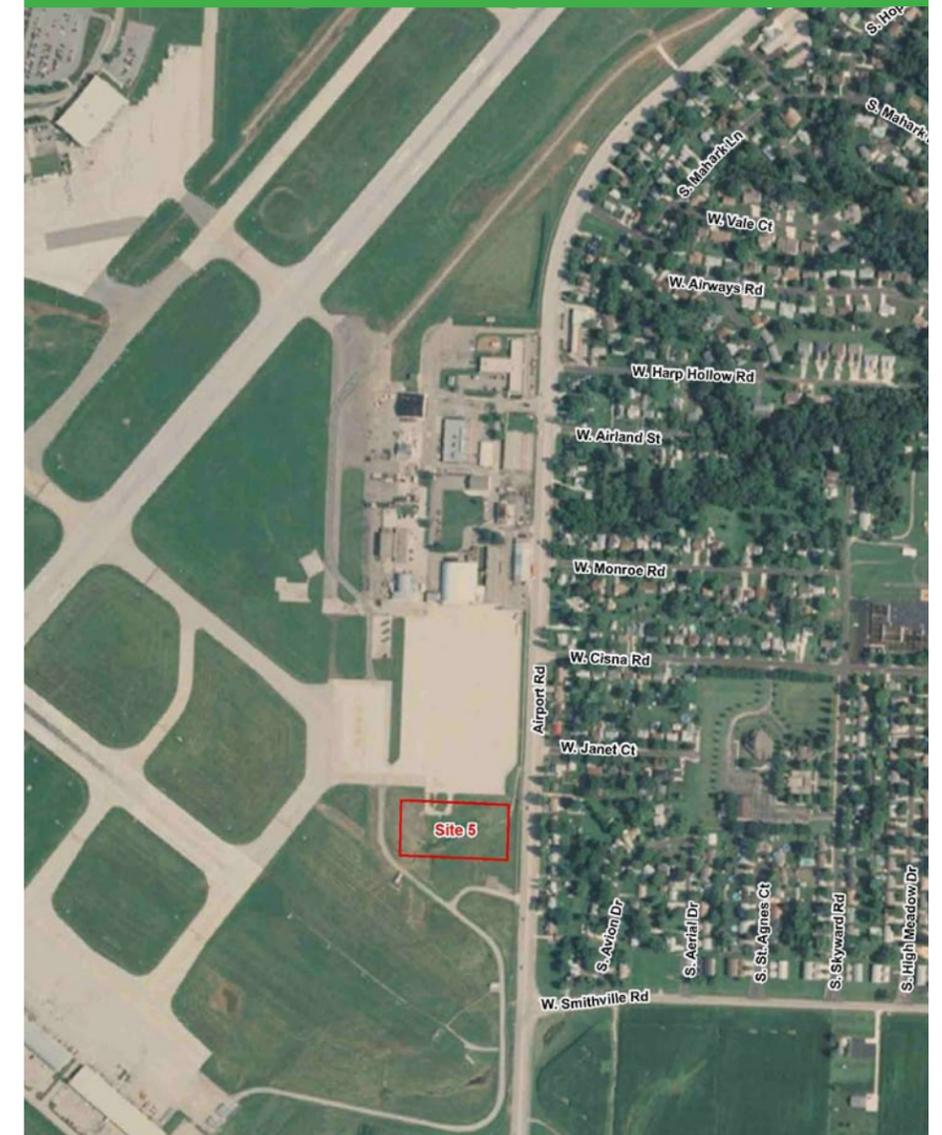
Q. CAN the KNOWN CONTAMINATION AFFECT ME?

A. Chemicals in the shallow groundwater (about 5 to 30 feet below ground) are present at levels that could be harmful to human health, if people were to contact or ingest the groundwater. The shallow groundwater is not used as a source of potable water, because the homes and other buildings in the affected area are served by public water supply.

Q. HOW CAN I GET MORE INFORMATION?

A. Site documents, such as the investigation and feasibility study reports and the Record of Decision, provide details of the known nature and extent of contamination and the work that has been completed at the sites. These documents are part of the Administrative Record and are available at the Alpha Park Public Library and at the Air National Guard Base. Please contact Roxanne Lastoria to view the document on Base.

FIGURE 1. SITE 5 LOCATION



The partnering team invites you to be a part of the decision-making process as the site is cleaned up and closed.