



174th Attack Wing – New York Air National Guard

Information Bulletin – January 2014

Environmental Restoration Program Update

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The 174th Attack Wing of the New York Air National Guard (NYANG) is currently managing contamination related to Base operations involving past use and disposal of hazardous materials, including fuels, oils, paints, and solvents. There is one site at the Base that is currently undergoing remedial action. This Bulletin is provided to keep you informed of progress and plans associated with the cleanup activities.

Background on ERP Sites

During site investigations in 1982, areas of contaminated soil and groundwater, resulting from Base operations, were identified. Fourteen locations (Sites 1 through 14) were designated as Sites under the Base's Environmental Restoration Program (ERP). Six of these sites were determined to pose little or no risk to human health; therefore, these sites were closed. No further action is planned for another four sites, and the ANG considers these sites to be closed. Responsibility for three sites was transferred to the City of Syracuse, and responsibility for one site was transferred to the Department of the Army. As a result, these four sites are no longer the responsibility of the Air National Guard (ANG). Site 16, formerly identified in 1982 as an Area of Concern (AOC), is closed.

One additional site (Site 15) was identified in 1990, at the location of the 174th's former Jet Fuel Storage Area. The contamination was further defined in January 2007 and found to have moved off site. In August 2008, contaminated soil was excavated from Site 15 and an investigation of the groundwater contamination began. A Chemical Oxidation pilot study was completed at the site in 2008, and in 2010, an additional round of groundwater sampling and vapor intrusion sampling was conducted. Remediation of groundwater at Site 15 is ongoing.

Ongoing Cleanup Activities

As noted above, groundwater cleanup is ongoing at Site 15. Cleanup of the impacted soil has already been accomplished by the soil removal in 2008. Cleanup of the groundwater will reduce contaminant concentrations to below regulatory limits, thereby reducing potential future risk to human health and the environment. Because sampling results show contamination above the regulatory limits for groundwater, the ANG has determined that a Remedial Action (RA) at Site 15 is necessary.

The selected remedy consists of actions that will reduce the potential risks to human health. The selected RA includes the following:

- Application of an oxidizing agent to reduce and/or eliminate the contaminants in groundwater;
- Application of oxygen and nutrients to the soil removal area to reduce and/or eliminate contaminants in soil; and
- Periodic monitoring of natural degradation of contaminants over time.



Additional information regarding ERP Site 15 can be found in the Information Repository file for this Site, available at the 174th ATKW and the Salina Free (Public) Library. The complete Administrative Record can be viewed at the 174th ATKW Environmental Office.

