

**147th Reconnaissance Wing
Ellington Field Joint Reserve Base
Texas Air National Guard
Installation Restoration Program Update
Spring 2012**



Background

The 147th Reconnaissance Wing of the Texas Air National Guard is providing this update to provide information on the latest actions taken to manage and remediate contamination related to historical Base activities in order to meet current regulatory requirements to ensure safety to the health of personnel and the environment.

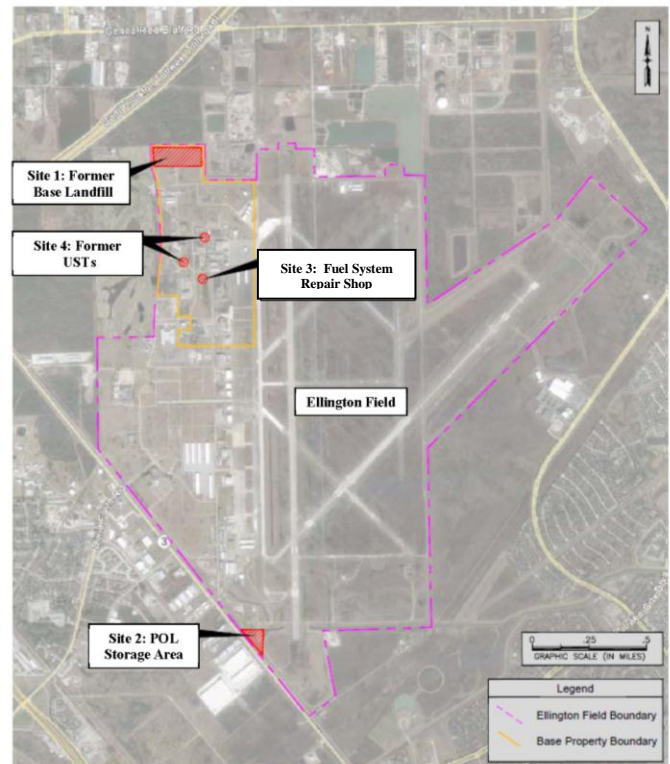
Past and present operations at the Base have involved use and disposal of hazardous materials, including fuels, oils, paints, and solvents. There are four Environmental Restoration Program (ERP) sites that were identified at the Base. They are: Site 1, the Former Base Landfill, Site 2, The Petroleum, Oil, and Lubricant Storage Area, Site 3, The Fuel System Repair Shop, and Site 4, The Underground Storage Tank Area near buildings 1380 and 1255. There are also seven Military Munitions Response Program (MMRP) sites that have been identified at the Base: the Small Arms Range, the Skeet Range (two sites), the North Munitions Dump Site, the South Munitions Dump Site, the Ordnance Storage Area, the Small Arms and Flare Storage Magazines; shown on page 2 of this bulletin.

All of the ERP sites are closed with no further action required by the Texas Commission on Environmental Quality (TCEQ), except for annual visual inspection to ensure that ERP Site 1 remains as designed. A Remedial

Investigation (RI) will begin at the North Munitions Dump Site this spring.

**Remaining ERP Site
Receiving Annual
Inspection/Monitoring**

The Former Base Landfill, Site 1, is located at the northwest corner of the Base. The landfill site is approximately nineteen acres and is bordered by a golf course to the west and an undeveloped wooded area to the north, a commercial sand pit to the east, and additional base property to the south.



The landfill was used by the United States Air Force from 1942 until 1974. In October 2009, the TECQ approved a Post-Response Action Care Report and agreed that conditional

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completion of response actions at Site 1 had been carried out in accordance with state regulations.

As part of the landfill closure process, grading of the earthen cover was performed. After grading was completed, the landfill must be inspected annually for 30 years, and an inspection report must be submitted every three years. The first annual inspection was conducted in January 2010.

**Remedial Investigation of
the North Munitions Dump
Site to Begin in May 2012**

The goal of the MMRP is to make munitions response sites safe for reuse and to protect human health and the environment in the process. The MMRP addresses the munitions and explosives as well as hazardous substances, pollutants, and contaminants that may be associated with MMRP sites.

**If you have questions please
call:**

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During an RI, information is collected so that an appropriate response action can be selected. Data to better define the site boundaries; determine the type, depth and density of unexploded ordnance, discarded military munitions and/or pollutants present is gathered. The extent of contamination is shown in a picture (a Conceptual Site Model) that is developed to illustrate conditions at a site. Then a hazard/risk assessment is conducted.

