

INFORMATION SHEET

OKLAHOMA CITY AIR LOGISTICS CENTER

TINKER AIR FORCE BASE, OKLAHOMA



ENVIRONMENTAL RESTORATION MANAGEMENT PROGRAM

To protect health and our environment, the Environmental Restoration Management Program at Tinker Air Force Base cleans up and restores soil, surface water, and groundwater contaminated by past industrial practices. Restoration is performed under the Department of Defense Installation Restoration Program (IRP).

A list of IRP sites is provided on the Restoration Sites map. The types of contaminated non-underground storage tank sites being cleaned up include:

- Landfills
- Waste pits
- Waste treatment plants
- Low-radioactivity waste disposal sites
- Fuel spills
- Waste lines
- Fire training areas
- Vehicle and aircraft maintenance facilities

AN UNDERGROUND STORAGE TANK IS REMOVED.



EXCAVATION INSIDE BUILDING 3001 IS SHOWN HERE.

Key Dates of Tinker's Installation Restoration Program

1980

1980, Installation Restoration Program Begins. Tinker begins the Installation Restoration Program.

December 1988, Federal Facilities Agreement Addresses IRP Sites. The U.S. Air Force, the U.S. Environmental Protection Agency Region 6, and the Oklahoma Department of Environmental Quality sign a Federal Facilities Agreement to address IRP sites on the National Priorities List (NPL).

January 1989, Part B Permit Application Outlines Hazardous Waste Storage Rules and Identifies Sites. Tinker submits a Part B Permit application to:

- Authorize Tinker to operate as a hazardous waste storage facility.
- Identify Solid Waste Management Units (SWMUs) that will require Resource Conservation and Recovery Act (RCRA) Corrective Actions to clean up the sites.

1990

August 1990, Record of Decision (ROD) signed for the Building 3001 Operable Unit of the NPL Site. The ROD identifies a groundwater extraction and treatment system to clean up the 220-acre site.

September 1993, ROD signed for the Soldier Creek Sediment and Surface Water Operable Unit of the NPL Site. The ROD establishes a sediment and surface water sampling plan as the site remedy.

June 1994, Long-Term Operation of the Building 3001 Groundwater Treatment Plant Begins. The extraction system consists of 33 extraction wells (5 drilled horizontally under Building 3001) to target the heart of the contaminant plume. The water is treated at a plant built specifically to remove the solvents and metals, with all of the treated water reused in industrial processes on base.

February 1995, Restoration Advisory Board Ensures Public Involvement. The Restoration Advisory Board is formed to make sure that the community is informed about restoration issues.

2000

July 2002, RCRA Part B Permit Renewed. The 10-year permit applies to the new Hazardous Waste Storage Facility, Building 810, and RCRA Corrective Actions at 29 SWMUs.

The Environmental Management (EM) Directorate, created in 1985, manages environmental issues at Tinker.

For more information, contact:

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<http://www-ext.tinker.af.mil/em>

EXAMPLES OF RESTORATION ACTIVITIES



LANDFILL #4 HAS BEEN CLEANED UP AND PROTECTED, AS SHOWN HERE.

Examples of the many restoration activities completed at Tinker include:

- Surface covering of all six base landfills
- Pump-and-treat systems that pump out and clean up contaminated groundwater such as the systems around Building 3001, the old BX service station, and the Southwest Quadrant landfills
- Soil stabilization at the old Supernatant Pond on the west side of the base
- Excavation and off-base disposal of soil at two low-radioactivity waste sites
- Excavation and disposal of contaminated soils in Soldier Creek
- Repair of leaking waste lines
- Installation of more than 1,000 groundwater monitoring wells to help identify and track areas of contaminated groundwater

PROJECT TEAM AND COMMUNITY ADVISORY BOARD

COMMUNITY MEMBERS ADDRESS THE COMMUNITY ADVISORY BOARD, WHICH INFLUENCES THE DECISION-MAKING PROCESS.



A project team, led by a Remedial Project Manager, consists of Air Force personnel, and federal and state regulatory representatives. This team works closely with members of the community to inform the public of remediation activities.

The Community Advisory Board is made up of 15 community leaders from the communities surrounding the base, with representatives from Tinker, the U.S. Environmental Protection Agency, and the Oklahoma Department of Environmental Quality. The Community Advisory Board promotes community awareness about restoration activities. Its members review, question, and comment on activities and provide input into the decision-making process made by representatives of Tinker and the regulatory representatives.