

Active Environmental Project Page

- **Site 3-LF005:** Southeast Landfill is located along the southern boundary, southwest of Peterson Air Force Base Small Arms Ranges, which operated from 1962 to 1986. The landfill received general waste until 1972 and received only construction material after that. The landfill received material from the Leach Field and the Old Fire Training Area during construction of the golf course, and from Landfill 2 during construction of the Civil Engineering Building.

Site Investigations

- **1989:** Remedial Investigation and No Further Action Record of Decision issued
 - **2007:** The Colorado Department of Public Health and Environment requested Air Force develop a groundwater characterization plan to determine direction of groundwater flow beneath the landfill and to determine any impact from contents
 - **Disposition:** During fiscal year 2008, Air Force will develop groundwater characterization plan and perform confirmation sampling
- **Site 6-SD008:** The Industrial Storm Sewer was considered a potential source of contamination based on visible evidence that excess paint was disposed through the storm sewer. The amount of paint disposed is undocumented, but likely occurred prior to 1979 when shop operations were shut down. Appropriate waste disposal procedures were in place when operations restarted in 1982.

Site Investigations

- **1985:** Preliminary Assessment
 - **1988:** Remedial Investigation
 - **1989:** Record of Decision for no further action
 - **2007:** CDPHE requested soil sampling and water sampling of groundwater and Pond 3, and analysis for VOCs, TPH, Oil and Grease, and metals
 - **Disposition:** Air Force will conduct confirmatory sampling during 2008 and prepare sampling report for submittal to the Colorado Department of Public Health and Environment
- **Site 7-ST007:** The Fuel Tank Yard is located adjacent to Paine Avenue at the north end of the flight line. It is the largest fuel and oil storage point on the Base. In 1989, 14 tanks of varying capacity were at the site. In 1981, a failure in Tank No. 14, the only aboveground storage tank in the group, resulted in a 1,200 gallon spill of JP-4 jet fuel. Various underground storage tanks (USTs) were used to store other products such as motor gasoline and diesel fuel #2. Base personnel estimated that the USTs were installed in approximately 1954.

Site Investigations

- **1985:** Preliminary Assessment

- **1989:** Remedial Investigation/Feasibility Study
 - **1989:** Air Force Decision Document for no further action
 - **2007:** Colorado Department of Public Health and Environment requested surface water/sediment sampling along East Fork Sand Creek and analysis for volatile organic carbons (VOCs), total petroleum hydrocarbons (TPH), Oil and Grease, and metals
 - **Disposition:** Air Force will conduct confirmatory sampling during 2008 and prepare sampling report for submittal to the Colorado Department of Public Health and Environment.
- **Site 8-FT003:** The Fire Training Area, Rapier Area 6 (FTA/DA) was located along the southeastern boundary of Peterson Air Force Base near the Small Arms Pistol Ranges. The site consisted of two areas: a burn pit, and a drainage area for water from an oil/water separator. This area was in operation from 1977 until it was decommissioned in 1989. Contaminated surface soil was removed in 1996 and disposed off-site in accordance with a Memorandum of Understanding between Peterson Air Force base and the City of Colorado Springs.
 - **1989:** Remedial Investigation/Feasibility Study
 - **1989:** Record of Decision for no further action
 - **1996:** Contaminated soil removed and disposed off-site
 - **2007:** Colorado Department of Public Health and Environment requests further investigation to fully characterize the vertical and horizontal extent of contamination, and to determine nature of debris found in previous soil borings
 - **Disposition:** Air Force will conduct confirmatory sampling during 2008 and prepare sampling report for submittal to the Colorado Department of Public Health and Environment
- **Rapier Property-TM009:** The Rapier Site is located on Colorado Springs Airport property, approximately 0.5 miles west of the north-south trending active runways, and approximately 0.25 miles east of the new airport terminal. The property was first used by the U.S. Army prior to 1941, and then leased from the City by the Air Force from June 1943 to June 1967. The Air Force has not occupied the property since 1991. This property was used by the Air Force for training facilities for Air Force security forces and fire fighters, and ammunition storage. The Rapier Property contains several areas of concern (AOCs):
 - Area 1 - Surface Soil Contamination
 - Area 2 - Lead-Based Paint Sites
 - Area 3 - Waste Water Structures
 - Area 4 - Transformer Pad Site
 - Area 5 - Piston Range, Lead Deposit Site, and Rifle Range (being addressed under the Military Munitions Remediation Program [MMRP])
 - Area 6 - Fire Training Area
 - Area 7 - Landfill 1611

Site Investigations

- **1995:** Peterson Air Force Base and City of Colorado Springs enter into Memorandum of Understanding (MOU) concerning property cleanup
 - **2006:** Air Force submitted site summaries with recommendations for future activities at each area
 - **2007:** Colorado Department of Public Health and Environment required additional sampling in each area
 - **2007:** Site Investigation and additional sampling conducted
 - **Disposition:** Air Force preparing detailed site investigation report for submittal to Colorado Department of Public Health and Environment in 2008
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- **Rapier Small Arms Range-SR501:** This site consists of three sub-areas including a pistol range (Area 5a), a lead deposit site (Area 5b), and a rifle range (Area 5c).
 - The pistol range (Area 5a) was intact at the time of the 1996 investigation. The pistol range was approximately 175 feet long and could accommodate up to 35 people.
 - The lead deposit area (Area 5b) consisted of lead projectile waste and soil that was presumably removed from the pistol range and deposited in the former pistol range parking lot located immediately north of the pistol range firing line. The deposit is estimated to be approximately 75 feet by 250 feet. The depth of lead/soil waste is not known.
 - The rifle range (Area 5c) is located on the southern portion of the Rapier Site. An access road was constructed over the rifle range backstop berm during construction of the Colorado Springs airport terminal. The backstop berm was estimated to be approximately 10-15 feet high, and the location was approximated by using aerial photos.
 - **Disposition:** During Fiscal Year 2007, 90SW/EM planned to perform additional cleanup actions at Area 5a, including a feasibility study, proposed plan, record of decision, remedial action work plan, and final remedial action report. During review of this plan, the Air Force determined that this site should be included in the Military Munitions Response Program (MMRP), following the [Military Munitions Response Prioritization Protocols](#), so future work on this site will be conducted by the Air Staff. The Air Force plans to perform a preliminary assessment of this site in 2008.