



ER Site No. 192: TA-I Waste Oil Tank

ADS: 1302

Operable Unit: Technical Area I

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Site History

ER site 192, TA-1 Waste Oil Tank, is a 0.2-acre site located east of Building 898 on the northwest corner of H and 20th streets. This site had several aliases:

- The Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Report designated it as Solid Waste Management Unit (SWMU) 77: Blue Oil Tank.
- A July 1991 memo called it ER Site 187.
- A 1992 memo says it was listed in the RFA report as SWMU #80.
- The 1992 memo then went on to change the ER designation to ER Site 192.

It is not clear why there was confusion over the RFA Report SWMU number. The ER site number changed because ER Site 187 had previously been assigned to the TA-I Sanitary Sewer Lines and the same number was inadvertently used to describe the Waste Oil Tank in the 1991 memo.

In 1980, a 500-gal steel aboveground tank was installed on a 4-ft by 13-ft by 4-in bermed, concrete slab; it was used to collect employee waste motor oil for recycling. A conflicting report states that when the tank was first erected, it sat on bare ground and the bermed concrete pad was installed in 1986 or 1987. A 1.5-in drain pipe extended from the center of the concrete curb on the west side of the slab. Photographs taken during the RFA indicate wooden stairs that led up to the opening in the center of the tank. A funnel was placed in the opening to allow employees to pour oil into the tank.

The Motor Pool was responsible for the tank. Employees who had access to Kirtland Air Force Base (KAFB) had around-the-clock access to the oil tank. Waste oil dumping in the tank was not monitored, which resulted in overflows when the tank became full.

The tank was emptied monthly by a subcontractor (Mesa Oil), and employees from the Motor Pool would periodically steam-clean the exterior of the tank to remove oil that had spilled or

dripped. Occasionally cartons and other containers of oil and car batteries were left on the ground near the tank. Photographs taken during the RFA investigation showed staining on the tank sides. In addition, the soil around the tank was stained with oil. Other than oil stains on the tank exterior and ground surface, no other spills are known.

In 1989 the 500-gal steel tank was removed, but the concrete slab and curb were left in place.

Additional site history information and compilation of data that have been collected at this site are provided in the TA-I RCRA Facility Investigation (RFI) Work Plan that was submitted to the Environmental Protection Agency (EPA) in February 1995.

Constituents of Concern

The potential contaminants of concern (COCs) identified for this site during its history include:

- Petroleum hydrocarbons,
- Metals,
- Volatile Organic Compounds (VOCs),
- Semi-Volatile Organic Compounds (SVOCs), and
- Polychlorinated biphenyls (PCBs).

As indicated below in "Current Status of Work," no evidence of these COCs was found during site investigations.

Current Hazards

There are no current hazards at this site related to contamination of the surface or subsurface soils. There may be structures or stored materials that remain at the site that are a potential hazard.

Current Status of Work

The TA-I RFI Work Plan was delivered to the EPA for review in February 1995. Field activities outlined in the work plan began in March 1995. The surface and near-surface field investigation as outlined in the work plan has been completed. Site characterization included collection of surface (0-2 ft) and near-surface (2-30 ft) soil samples to assess the potential for contaminated soils at this site.

No contaminants of concern were identified at this site during the sampling conducted as part of the RFI. A No Further Action (NFA) proposal was prepared and submitted to the New Mexico Environment Department (NMED) for review in October 1996.

NMED reviewed the NFA and returned a Request for Supplemental Information (RSI) in February 1998. SNL responded to the RSI in May 1998. In December 1999, Site 192 was found acceptable for NFA.

The NFA was approved by NMED in July 2000 after completing the public review and permit modification process.

Future Work Planned

No additional work is planned.

Waste Volume Estimated/Generated

A small amount of waste was generated as a result of sampling conducted.

Information for ER Site 192 was last updated Nov 19, 2001.