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Easy Serve Oil Refinery
ID # KESFN 0703-62
Block 2.5
5-10-01
ba-10

**U.S. ENVIRONMENTAL PROTECTION AGENCY
SITE POLLUTION REPORT**

148673

I. HEADING

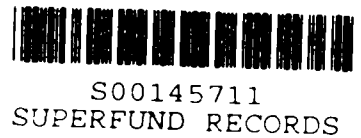
Date: August 10, 2001

Subject: Easy Serve Oil Refinery Site
Shallow Water, Kansas

From: Ken Rapplean, On-Scene Coordinator
U.S. EPA, Region 7

To: Larry Zaragoza, Director (5203G)
Regions 5/7 Accelerated Response Center

Report #: 1



II. BACKGROUND

Site No.:	A763
Delivery Order No.	0011, Contract 68-S7-98-21
Response Authority:	CERCLA
NPL Status:	non-NPL
State Notification:	KDHE
Start Date:	07/23/01

III. SITE INFORMATION

The Site is an abandoned petroleum refinery located in a rural area approximately 4 miles south of Shallow Water, Kansas. The Site was used for the production of a number of products from crude oil which were shipped onto the Site by tanker truck. All refinery wastes were reportedly disposed of on Site. The refinery closed in 1981, and a number of closure activities have been completed since that time. In 1993, the Site was sold and the new owner planned to disassemble and salvage equipment and fixtures located at the Site. In 1996 the Kansas Department of Health and Environment (KDHE) responded to a complaint alleging that material containing polychlorinated biphenyls (PCBs), and asbestos containing materials (ACM) had been disposed of at the Site. KDHE observed evidence of potential ACM in trenches and reported it

to their solid waste division whom referred it to the Environmental Protection Agency's (EPA) Criminal Investigation Division (CID). In 1997 the cracking unit was dismantled and reportedly the ACM was buried in a pit at the northeast part of the Site and in some smaller burial areas close to the cracking unit. In 1999 the EPA CID completed an investigation and in 2000 EPA completed a removal assessment at the Site, which provided confirmation that the asbestos had been buried illegally.

IV. RESPONSE INFORMATION

A. Situation

The Site is currently abandoned and the present and former owners were prosecuted by the CID in federal court for illegal disposal. EPA intends to complete a fund-lead removal of the buried asbestos on site as well as removing or sealing the remaining asbestos still on the structures. There are 15 burial areas that have been tentatively located by the current owner. Since the removal contractor mobilized to the site, sampling of materials has verified that ACM is present in 11 locations, mostly on existing structures.

B. Removal Activities to Date

The removal contractor mobilized on July 23, 2001. The contractor gathered supplies, built the decontamination shower trailer and built an enclosure at structure 1 (where a trailer partially full of bagged asbestos was left) while resubmitting paperwork associated with obtaining the asbestos contractor license and notification of asbestos removal. EPA has sampled soils at several locations, materials on other structures that may have ACM, the sludge from the bottom of 6 tanks and sampled the ground water from wells at several locations immediately surrounding the Site.

On August 8 removal of all ACM left in the trailer in structure 1 was completed and placed into a roll-off box. On August 9 the ACM in structure 2 was placed into the roll-off box. The roll-off box was taken to the landfill later that morning for disposal. Excavation in the main burial area was started that afternoon. Two trenches in the middle of the main burial area were excavated the morning of August 10. It was verified that the ACM had been dumped into the burial pit without being bagged and thus was mixed in with the backfill. Excavation was halted to plan for bulk excavation to be performed with a larger backhoe or loader, and to place the excavated hazardous waste directly into roll-off boxes.

C. Planned Removal Activities

Equipment needed to excavate the burial areas and place the hazardous waste directly into the roll-off boxes is being arranged. The area in structure 6 around the boiler is being prepared for removal. Scaffolding for removing ACM on structures 5 and 49 is being ordered. An estimate is being prepared to determine the cost to remove all ACM on additional structures.

V. COST INFORMATION

Cost estimate to date*

EPA Costs:	\$ 63,013
Contractor Costs:	<u>\$ 92,605</u>
TOTAL:	\$ 155,618
Project Ceiling:	\$1,117,436
Percent of Project Funds Remaining:	86%

* The above accounting of expenditures is an estimate. Exact figures of all costs are not known to the OSC at the time this report was written. The information provided in this report does not necessarily represent all costs which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Containment-Migration Control	Treatment	Disposal
ACM	soil	20 cu yds.	Roll-off box	none	Waste Connections, Inc. Landfill

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