PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND AOC/SWMU ASSESSMENT REPORT

UNIT NUMBER:	517
UNIT NAME:	Rubble and Debris Erosion Control Fill Area
DATE:	2/18/02
REGULATORY STATUS:	SWMU
LOCATION:	Rubble pile located west of the PGDP Security Fence; see enclosed map for a location of SWMU 517.
APPROXIMATE DIMENSION:	The dimension is unknown.
FUNCTION:	Unknown; however, it is assumed the rubble and debris were used for erosion control.
BRIEF HISTORY:	Prior to the beginning of construction of the Scrap Yard Infrastructure Storm Water Collection Basin, a magnetometer survey was performed via a metal detector, which resulted in the discovery of several anomalies at the construction site. A drainage pipe excavation was to be performed at the location of one of the anomalies, now identified as SWMU 517. During the excavation of this area, concrete rubble was found. The concrete rubble was surveyed by Health Physics and was determined to be uncontaminated. In accordance with a request by DOE that was approved by the state of Kentucky, the concrete was to be excavated, relocated to SWMU 474, and placed on plastic. After removal of the concrete, excavation of the area continued. During removal of the first bucket of the second truckload, additional concrete debris was discovered. The soil and debris were surveyed by Health Physics and were found to be contaminated at approximately 19,000-dpm/100 cm^2. Small pieces of radiologically contaminated concrete and soil were removed from the SWMU by Health Physics personnel and placed in appropriate storage. The remaining soil and debris in the bucket were placed back in the SWMU. The

	excavation was discontinued. The area was radiologically posted and covered with plastic. Sampling of the excavated soils occurred on February 9, 2002; receipt of data is expected during March or April, 2002. Sampling of the rubble and debris is pending.
OPERATIONAL STATUS:	Inactive.
DATES OPERATED:	Unknown.
SITE/PROCESS DESCRIPTION:	Unknown; however, it is assumed the concrete rubble piles were used for erosion control.
WASTE DESCRIPTION:	Concrete debris, surveyed by Health Physics and determined to be clean, was relocated to SWMU 474. Small pieces of radiologically contaminated concrete and soil were removed from the SWMU by Health Physics personnel and placed in appropriate storage.
WASTE QUANTITY:	Unknown quantity at this time.
SUMMARY OF ENVIRONMENTAL SAMPLING DATA:	Data obtained during a preliminary soil sampling event from locations near the SWMU did not indicate the presence of any contamination of hazardous or radiological constituents. After initial discovery of the rubble and debris, the rubble was radiologically scanned and determined to be clean prior to removal to SWMU 474. During excavation, other materials found were radiologically surveyed, considered radiologically contaminated, removed, and placed in appropriate storage. Sampling of the excavated soils occurred on February 9, 2002; receipt of data is expected during March or April, 2002. Sampling of the rubble and debris is pending.
DESCRIPTION OF RELEASE AND MEDIA AFFECTED:	No known releases have occurred.
GROUNDWATER:	NA
SURFACE WATER:	NA

SOIL:	Sampling of the excavated soils occurred on February 9, 2002; receipt of data is expected during March or April, 2002. Sampling of the rubble and debris is pending.
ECOLOGY AFFECTED (i.e., endangered/threatened species):	NA
DOCUMENTATION OF NO RELEASE:	NA
IMPACT ON OR BY OTHER SWMU/AOC:	Locations near SWMU 517 are SWMUs 69, 399, 5, 13, 229, 414, and 518.
PRG COMPARISON:	NA
RFI NECESSARY:	Yes. An RFI may be necessary based on analysis of the debris and soils. This SWMU will be placed in the Surface Soils Operable Unit.

SWMU 517 Rubble and Debris Erosion Control Fill Area During Excavation

SWMU 517 Rubble and Debris from the Excavated Soils

SWMU 517 Rubble and Debris Erosion Control Fill Area After Postings Applied