

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

**UNIT NUMBER:** 518

**UNIT NAME:** Field South of C-746-P Yard

**DATE:** 2/15/02

**REGULATORY STATUS:** AOC

**LOCATION:** Open field located south of the C-746-P Yard inside the PGDP Security Fence; see enclosed map for a location of SWMU 518.

**APPROXIMATE DIMENSION:** The dimension is 35,000 ft<sup>2</sup>.

**FUNCTION:** Unknown; however, it is assumed the area was used as a temporary storage area for heavy equipment.

**BRIEF HISTORY:** Prior to the construction of the change and office trailers for support of the Scrap Yard Removal Project, pre-characterization sampling was performed to determine personnel protective equipment requirements for this activity. Analytical results from pre-characterization sampling, performed by collecting composite samples within four gridded areas, indicated the presence of polyaromatic hydrocarbons (PAHs) in three of the grids. A second round of sampling was conducted by collecting grab samples within the previously discussed grids. The presence of PAHs was confirmed. A radiological walkover survey performed in the area indicated results ranging from 15,000 to 35,000 counts per minute.

**OPERATIONAL STATUS:** NA

**DATES OPERATED:** NA

<b>SITE/PROCESS DESCRIPTION:</b>	Unknown; however, it is assumed the area was used as a temporary storage area for heavy equipment.
<b>WASTE DESCRIPTION:</b>	NA
<b>WASTE QUANTITY:</b>	NA
<b>SUMMARY OF ENVIRONMENTAL SAMPLING DATA:</b>	Analytical results from pre-characterization sampling, performed by collecting composite samples within four gridded areas, indicated the presence of polycyclic aromatic hydrocarbons (PAHs) in three of the grids. A second round of sampling was conducted by collecting grab samples within the previously discussed grids. The presence of PAHs was confirmed.
<b>DESCRIPTION OF RELEASE AND MEDIA AFFECTED:</b>	No known releases have occurred.
<b>GROUNDWATER:</b>	NA
<b>SURFACE WATER:</b>	NA
<b>SOIL:</b>	The presence of PAHs in the soil was confirmed.
<b>ECOLOGY AFFECTED (i.e., endangered/threatened species):</b>	NA
<b>DOCUMENTATION OF NO RELEASE:</b>	NA
<b>IMPACT ON OR BY OTHER SWMU/AOC:</b>	Locations near SWMU 518 are SWMUs 69, 399, 5, 517, 229, 13, and 414.
<b>PRG COMPARISON:</b>	NA
<b>RFI NECESSARY:</b>	Yes. This SWMU will be placed in the Surface Soils Operable Unit.



AOC 518 Field South of C-746-P Yard