

**Rubble Area KY-19
Solid Waste Management Unit (SWMU) Assessment Report**

SWMU/AOC NUMBER: 565

DATE OF ORIGINAL SAR: 09/13/09

DATE OF SAR REVISIONS: NA

REGULATORY STATUS: Area of Concern (AOC)

LOCATION: Along Bayou Creek north of C-611 Water Treatment Plant

APPROXIMATE DIMENSION OR CAPACITY: Approximately 60 ft by 30 ft

FUNCTION: Used for erosion control along north wall of Bayou Creek, north of C-611 Water Treatment Plant.

BRIEF HISTORY: This area was discovered in November 2006, during walkover/radiological surveys after soil and rubble areas were found along Little Bayou and Bayou Creeks. This rubble area was designated as Rubble Area KY-19. The readings collected in November 2006 were unfiltered 200 counts per minute (background is ~ 50 cpm), fixed contamination, no measurable dose for KY-19. The area was immediately posted. This area was further visited on February 17, 2009; however, it was inaccessible due to limbs fallen from the ice storm. The area was cleared and revisited on March 25, 2009, at which time only the top of the creek bank was accessible due to water in the creek.

PRESENT OPERATIONAL STATUS: Inactive; however, it is used for erosion control.

DATES OPERATED: Unknown

SITE/PROCESS DESCRIPTION: Unknown

WASTE DESCRIPTION: Fixed radiological readings of 200 counts per minute, no measurable dose

WASTE QUANTITY: The waste quantity is estimated to be less than 10 yd³.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: During the March 25, 2009, visit, the following information was gathered: 1) the area can be accessed by a vehicle, but the material is very large and cannot be picked up by hand; 2) the rubble is difficult to access once on-site due to steep incline of creek bank; 3) there are no markings indicating where the rubble may have originated; 4) there are no visible oil stains on the rubble; 5) the material is serving a beneficial function (erosion control of the creek bank); 6) the radiological readings obtained during March, 2009 on top of the creek bank were background. Radiological readings obtained on an accessible concrete slab within the creek bank during November, 2006 indicated 200 counts per minute fixed readings, no measurable dose; and 7) GPS readings were collected.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED:

GROUNDWATER:	None known
SURFACE WATER:	None known
SOIL:	None known
ECOLOGY AFFECTED (i.e., threatened/endangered species):	None known

DOCUMENTATION OF NO RELEASE: No documentation identified.

IMPACT ON OR BY OTHER SWMU/AOC: There is no evidence that this AOC impacts or is being impacted by other SWMUs/AOCs.

PRG COMPARISON: N/A

RFI NECESSARY: Yes.

OPERABLE UNIT ASSIGNMENT: Soils Operable Unit

PHOTOGRAPH OF RUBBLE AREA KY-19 (AOC 565)

PLACE JPEG PIC LOCATED IN RUBBLE SER FOLDER HERE!

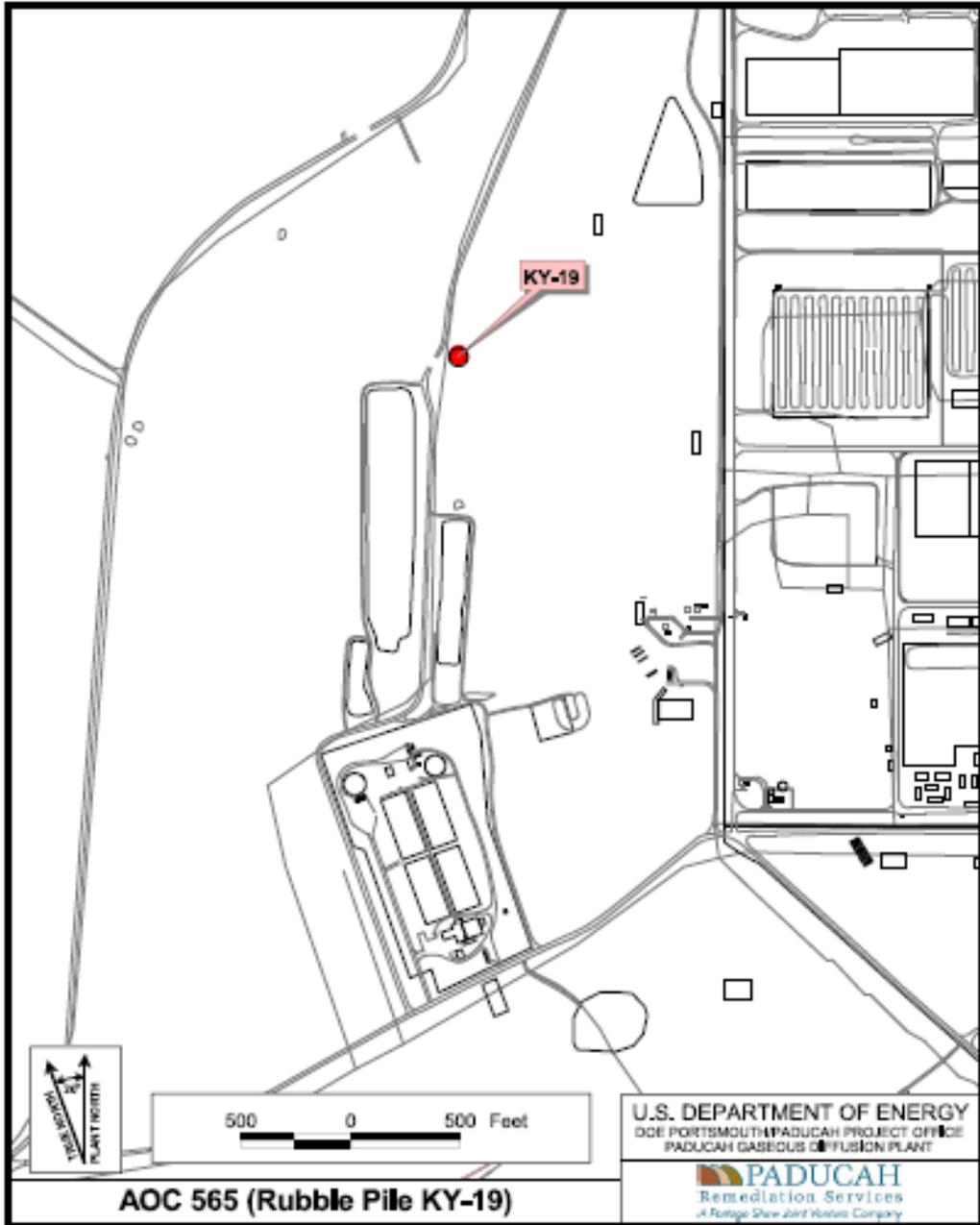


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DATE 07-10-09