

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

**UNIT NUMBER:** 525

**UNIT NAME:** Concrete Water Tower Supports

**DATE:** 2/18/02

**REGULATORY STATUS:** SWMU

**LOCATION:** SWMU 525 is located northwest of the Sediment Control Basin; see enclosed map for a location of SWMU 525.

**APPROXIMATE DIMENSION:** Four concrete pillars are present at approximately 2' by 2' with an unknown length buried underground.

**FUNCTION:** It is assumed these are concrete supports for a water tower used to supply water for the production of steam for steam-engine trains transporting material to and from the Kentucky Ordnance Works (KOW).

**BRIEF HISTORY:** The concrete water tower supports were found during the clearing of underbrush for the large spoils generated from the installation of the Sediment Control Basin. It is assumed the water tower was used during the operation of the KOW (not the PGDP processes) to supply water to the steam engine trains. The tower supports are located near the old KOW railroad tracks, which may be an indication that the water from the tower was used to produce steam to run the trains. Radiological surveys, performed upon discovery of the four concrete supports, indicated no radiological contamination was detected.

**OPERATIONAL STATUS:** NA

**DATES OPERATED:** Unknown, possibly in the 1940's.

<b>SITE/PROCESS DESCRIPTION:</b>	It is assumed these are concrete supports for a water tower used to supply water for the production of steam for steam-engine trains transporting material to and from the Kentucky Ordnance Works (KOW).
<b>WASTE DESCRIPTION:</b>	Concrete.
<b>WASTE QUANTITY:</b>	Approximately 100 ft <sup>3</sup> .
<b>SUMMARY OF ENVIRONMENTAL SAMPLING DATA:</b>	Radiological surveys were taken of the concrete. No contamination was present (see attached survey).
<b>DESCRIPTION OF RELEASE AND MEDIA AFFECTED:</b>	NA
<b>GROUNDWATER:</b>	NA
<b>SURFACE WATER:</b>	NA
<b>SOIL:</b>	NA
<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>	SWMUs located near SWMU 525 are SWMUs 69 and 493.
<b>PRG COMPARISON:</b>	NA
<b>RFI NECESSARY:</b>	No. These are concrete support pillars assumed to be constructed during operation of the KOW. A review of plant drawings and photographs do not indicate that this is part of the PGDP operations. There is no threat to

human health or the environment.



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