

UNIT NUMBER: 182

01/20/93

UNIT NAME: KOW STANDPIPE

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REGULATORY STATUS: AOC

LOCATION: Outside plant security fence, southwest of C-611.

APPROXIMATE DIMENSION: 3 feet high by 3 feet in diameter.

FUNCTION: This unit appears to be a filled manhole from the KOW yellow water line. The yellow water line was used to carry yellow water from the KOW manufacturing area. The yellow water was generated during the washing process and was acidic in nature. The liquid contained TNT isomers and nitric and sulfuric acids.

OPERATIONAL STATUS: Inactive

DATES OPERATED: 1942 - 1945.

SITE/PROCESS DESCRIPTION: The standpipe is probably a manhole associated with the KOW yellow water line.

WASTE DESCRIPTION: TNT isomers, nitric and sulfuric acid.

WASTE QUANTITY: Information on the amount of waste material associated with the yellow water line has not been obtained.

DESCRIPTION OF RELEASE: Possible releases could have occurred through cracks or openings in the the pipe.

DOCUMENTATION OF NO RELEASE: N/A

RFI NECESSARY: YES - The information attached includes a sketch of the path of the yellow water line and general information on the yellow water line. This information is from the Phase I Remedial Investigation at the Former Kentucky Ordnance Works, McCracken County, Kentucky, Final Report. This document has been submitted to the USEPA (Hopkins) and Kentucky Department Environmental Agency (Pat Haight). The yellow water line was found where it crosses the unnamed tributary with an opening in

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Western portion of
yellow water
line

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RFI NECESSARY: the line. Samples are scheduled to be taken from the opening in the line. PGDP has obtained KOW drawings and is in the process of reviewing them to determine the location of the yellow water line and manholes. The RFI is necessary due to the potential for contamination from the line. ~~If the review verifies that the standpipe is part of the yellow water line, the AOC will be redefined to include the line. At this time, this is the available information in the ER files.~~