



U.S. ARMY CORPS OF ENGINEERS

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Marion Engineer Depot (MED) and Scioto Ordnance Plant (SOP)

Over the past 16 years, the U.S. Army Corps of Engineers (USACE), Louisville District has been conducting an environmental investigation and cleanup of areas formerly used by the Department of Defense (DoD) in Marion, Ohio. Additional information is available on the Corps' web pages: <http://bit.ly/MarionEngineerDepot> and <http://bit.ly/SciotoOH>.

Documents Required for Continuance of Work at former SOP-Z

- Amendment II Time Critical Removal Action Memorandum SOP-Z
- Amendment III to Explosive Safety Submission SOP-Z
- Amendment 4 Remedial Action Work Plan SOP-Z

Upon approval, documents will become available for the public to view at the Marion County Library.



Thermal Flash Unit used to inert in-tact M74 bomblets.

Remediation Work

Soil excavation at SOP-Z to process M-74 bomblets ended in early June with soils processed through a high energy sifter and metal components of the M-74s treated by a Thermal Flash Unit. Detonation of the in-tact M-74s to inert white phosphorous ended June 7, 2013. USACE has investigated SOP-Z to the furthest extent possible and the areas of the site that were formerly involved in the incendiary production are free from Munition Explosive Components (MEC). USACE located the burn/burial pit where incendiary bomblets were disposed, which is the former Incendiary fuel disposal area of concern.

Included in this remedial effort was the decommissioning of the remaining groundwater wells in the area of SOP-Z. The removal of the well approximately 100 yards from the east side of SOP-Z lagoon alerted the UXO techs of metallic anomalies that resemble M-74s. Upon further investigation the UXO techs confirmed buried M-74s. USACE Louisville District received additional funding to survey/investigate a 3-acre area east of SOP-Z. On August 26, 2013 USACE awarded a contract to get the three acre area cleared of additional M-74s and close the site by October 30, 2014.

Due to the new findings just east of the SOP-Z site, remaining areas that were used for incendiary production will also need to be surveyed with a geo-digital scanner to determine if anomalies exist that warrant investigation. If a new investigation is deemed necessary it will be placed under the Military Munitions Response Program (MMRP) requiring a new Inventory Project Report (INPR), which means the site could be categorized as a lower priority than other sites across the country. This could mean the investigation might not take place for several years.

LTM-OM Former MED OU-1

A CERCLA 5-year review is scheduled in 2014 at former MED Operable Unit 1. The first 5-year report was completed in summer of 2009 proving effectiveness of remedy. USACE Louisville District and Ohio EPA confirmed based on ground water analytical data that 11 wells could be decommissioned and that annual well monitoring would be reduced to every 5 years. The next groundwater monitoring event at former MED-OU-1 is scheduled for late spring 2014 with the groundwater report and the 2nd 5-YR CERCLA report due on October and December 2014, respectively.

USACE is committed to protecting human health and the environment. Additionally, USACE wants to ensure the community is kept up to date on the former Scioto Ordnance Plant environmental investigation and we will make every effort to provide those updates through this newsletter and other means as necessary.

These updates will be distributed on a quarterly basis. If interested in being added to the direct mailing list, contact the Louisville District Public Affairs Office at (502) 315-6773 or Katelyn.C.Newton@usace.army.mil.