



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

Over the past 17 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 Non Time Critical Removal (NTCR) Action Memorandum (AM) SOP-Z, Approved December 2013

-Amendment III to Explosive Safety Submission SOP-Z, Approved April 2014

-Amendment 4 Remedial Action Work Plan SOP-Z, Approved April 2014
Documents are available at the Marion County Library.



Field work to remove Bomblets (M74s), May 2014

Remediation Work

The following remedial activities ended in June 2013: detonation of intact M74s into inert white phosphorous, treatment of the M74 metal components by a Thermal Flash Unit, and the processing of soils through a high energy sifter. As a result of these remedial actions; the lagoon was left free from Munition Explosive Components (MEC). During the decommissioning of groundwater wells in the area of SOP-Z, one well located 100 yards from the east side of SOP-Z east lagoon alerted the UXO techs of metallic anomalies that resemble M74s. Upon further investigation, the UXO techs confirmed buried M74s. USACE Louisville District received additional funding to survey/investigate a three-acre area east of SOP-Z. On August 26, 2013 USACE awarded a contract to get the three acre area cleared of additional M74s and close the site by October 30, 2014.

The three acre area was investigated between April 28 and May 16, 2014 by digital geophysical mapping, which confirmed one burial pit. Pit excavation began May 16, 2014. M74s were found at a depth of about four feet below ground level in the north end of the pit. Approximately 130 M74s were recovered from the initial 10' x 10' x 8' excavation hole. Based on the number of M74s being found, it will not be possible to destroy these items with demolition operations restricted to only Friday's. The USACE representative issued CEHNC FORM 948 #5 authorizing demolition on an as-needed basis. The site supervisor explosive specialist will make all appropriate notification to local officials and residents in the immediate area prior to implementing this change.

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). The MMRP will require a new Inventory Project Report (INPR), which could categorize the site as a lower priority than others across the country. Due to that, the investigation may not take place for several years.

LTM-OM Former MED OU-1

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