

Harley-Davidson Motor Company
York Vehicle Operations
1425 Eden Road
York, Pennsylvania 17402

Community Update

ISSUE SEVEN

WINTER 2008

News and
Information
about the
Former York Naval
Ordnance Plant
(FYNOP)

Cleanup Plans and Progress

Progress continues at the Former York Naval Ordnance Plant (FYNOP) located on the current Harley-Davidson Motor Company Operations, Inc.'s property in York, Pennsylvania. The Supplemental Remedial Investigation (SRI) is ongoing. Data collection for the soils portion of the SRI is complete while data collection on the groundwater portion will continue into 2009. The results of the SRI will help form the basis for the selection of the future cleanup action. Significant activities performed during late 2007 and 2008 are summarized below. For more information visit the project website: www.yorksiteremedy.com.

Supplemental Remedial Investigation

The Supplemental Remedial Investigation (SRI) Workplan was approved by the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP) in fall 2006. The overall project objective of the SRI is to define and evaluate the nature of environmental conditions in the soil and groundwater at the site. The resulting data will be used to complete a comprehensive Feasibility Study of site specific remedies for cleaning up the FYNOP.

During 2007 and 2008, in cooperation with the EPA, the PADEP and the U. S. Army Corp of Engineers (USACE), Harley-Davidson completed all of the planned investigation activities. The SRI included the installation of new wells on- and off-site; the collection of soil samples, and continued monitoring of the groundwater aquifer. Additional groundwater characterization field work is needed, so Harley-Davidson determined that the soils portion of the SRI should continue to move forward

to the Feasibility Study stage while the groundwater characterization activity continues into 2009.

Military Munitions Response Program Site Inspection

The U.S. Army Corps of Engineers, in response to the Military Munitions Response Program (MMRP) for Formerly Used Defense Sites, began an 18-month evaluation of the Harley-Davidson property in 2006. The purpose of this evaluation is to determine if the FYNOP site warrants further cleanup of Munitions and Explosive of Concern, or if the site can proceed to a "no further action" status with the Department of Defense.

As part of the MMRP, the final Site Inspection (SI) Report for the FYNOP was issued by USACE in late August 2008. Remedial Investigation work was recommended at various locations at the site. The timing of future MMRP activities is based on an ongoing evaluation by the Responsible Parties as recommended in the SI Report.

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Cleanup Plans and Progress (Continued)

Vapor Intrusion

As previously referenced in *Community Updates*, Harley-Davidson measured the concentrations of volatile organics, such as trichloroethylene, in soil vapor at the northeast and southeast Harley-Davidson property boundaries. A mathematical model was then used in accordance with EPA guidelines to predict the potential concentrations of volatile organics in on-site and off-site structures. All results predicted indoor concentrations well below the risk levels established by the EPA.

In August 2007, in cooperation with the EPA, Harley-Davidson conducted additional investigations to further confirm these findings. The investigations focused on the presence or absence of soil vapor adjacent to and outside Harley-Davidson's northeast property boundary. The results of the study were submitted to EPA/PADEP for review and comment in January 2008. Again, all results predicted indoor concentrations well below the risk levels established by the EPA.

Groundwater Treatment System Improvements

Harley-Davidson has operated a groundwater treatment system on its property for more than 15 years. A few years ago, a comprehensive engineering and optimization study was conducted to evaluate the reliability, efficiency and operation of each component of the treatment system. Special emphasis was placed on spill prevention and

detection, compliance with applicable permits, operational reliability, and operation and maintenance efficiency. All recommended actions as part of the comprehensive engineering and optimization study have been implemented. The treatment system has operated as planned throughout 2008.

Former Wastewater Tank Removal

Harley-Davidson closed a former in-ground solids settling tank that was part of the historical wastewater treatment process. The area is currently being investigated as part of the ongoing SRI.

Water Monitoring

Annual monitoring of residential wells and off-site springs was performed during 2008. During the fall of 2007, Harley-Davidson funded the extension of the water supply line (The York Water Company) to a residence with the one remaining residential well in use. Now there are no potable residential wells in use and adjacent to the FYNOP. Future sampling of residential wells and off-site springs will continue to be conducted annually along with the Key Well Monitoring Program. Approximately 100 wells on Harley-Davidson's property were sampled during 2008 as part of the SRI. Approximately 50 monitoring wells on Harley-Davidson's property are sampled annually and part of the Key Well Monitoring Program. No significant changes have been noted over the past several years.

More Information?

Information Line:

717-852-6664

Websites:

www.yorksiteremediation.com

www.epa.gov/reg3wcmd/correctiveaction.htm

www.dep.state.pa.us

Information Repository:

Martin Library

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