

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

# Community Update

ISSUE FIVE

FALL 2006

News and  
Information about  
the Former York  
Naval Ordnance  
Plant Remediation  
Project

## Cleanup Plans and Progress

**P**rogress continues at the Former York Naval Ordnance Plant located on the current Harley-Davidson Motor Company Operations, Inc.'s property in York, Pennsylvania. A Supplemental Remedial Investigation Plan, which provides for a more detailed and extensive evaluation of the soil and groundwater, forms the basis for future cleanup activities. The significant activities are summarized below. For more information visit the project website: [www.yorksiteremedy.com](http://www.yorksiteremedy.com).

### Supplemental Remedial Investigation

The Supplemental Remedial Investigation Workplan was approved by the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP) in Fall 2006. Over the next two years, in cooperation with EPA and the PADEP, Harley-Davidson will further define and evaluate the nature of environmental conditions in the soil and groundwater. The overall project objective is to complete the remedial investigations followed by a site-wide Feasibility Study of alternative remedies for cleaning up the Former York Naval Ordnance Plant site.

The Supplemental Remedial Investigation Plan calls for the installation of new wells on and off site, the collection of soil samples, and continued monitoring of the aquifer. Off-site drilling of new wells will likely take place in the winter of 2007. We will notify property owners and residents well in advance.

### Military Munitions Response Program Site Inspection

You may recall in the Fall of 2004, the U.S. Army Corps of Engineers (USACE) and their contractors removed old munitions from areas on the Harley-Davidson property. These old munitions were packaged and shipped to a federally-approved smelter in Georgia.

This year the USACE, in response to the Military Munitions Response Program for Formerly Used Defense Sites, began an 18-month evaluation of the Harley-Davidson property. The purpose of this evaluation is to determine if the Former York Naval Ordnance Plant site warrants further cleanup of Munitions and Explosives of Concern, or if the site can proceed to a "no further action" status with the Department of Defense.

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# Community Update

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## Cleanup Plans and Progress (Continued)

### Vapor Intrusion

As described in the 2005 Community Update, 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 cooperation with the EPA, Harley-Davidson currently plans to conduct additional investigations to further confirm these findings. The investigations will focus on the presence of soil vapor adjacent to and outside Harley-Davidson's property boundary on the northeast. We will personally contact neighboring residents as necessary.

### Groundwater Treatment System Improvements

Harley-Davidson has operated a groundwater treatment system on its property for more than 15 years. Initially, we conducted a comprehensive engineering and optimization study 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.

By the end of 2006 we expect to complete the construction of a 1,600 foot pipeline that will transfer the treated groundwater to the Codorus Creek in accordance with PADEP permit requirements.

A deep recovery well has been installed in the southwest corner of the west parking lot to contain and collect deep groundwater in this vicinity of the property for treatment. Prior to connecting the new well to the treatment system the Susquehanna River Basin Commission's review and approval of the planned withdrawal is required.

### Former Wastewater Tank Removal

The wastewater tank system along the western side of the complex was closed and removed in late 2005 and early 2006. The non-functioning tank system was cleaned and tank liquids, sludge were disposed of in accordance with applicable regulations. This included the underground wastewater tank system and associated processing equipment.

The surrounding impacted soils were excavated and removed to the extent possible due to adjacent building structural issues. A concrete cap was placed to prevent future infiltration of rainwater. Confirmatory soil samples were collected, and the area was back filled and restored in early 2006 in accordance with EPA and state requirements.

### Water Monitoring

Quarterly monitoring of residential wells and off-site springs continues. Only one of the residential wells is still in use. Key monitoring wells on Harley-Davidson's property are sampled annually in July. No significant changes have been noted over the past several years.

## More Information?

### Information Line:

717-852-6664

### Websites:

[www.yorksiteremediation.com](http://www.yorksiteremediation.com)  
[www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)  
[www.dep.state.pa.us](http://www.dep.state.pa.us) (DEP Keyword "Land Recycling")

### Information Repository:

Martin Library

159 East Market Street  
York, PA 17401  
717-846-5300

Hours:

Mon. – Thur. 9 a.m. - 9 p.m.  
Fri. and Sat. 9 a.m. - 5 p.m.  
Sun. - closed

