

# Community Update

ISSUE TWELVE

FALL 2014

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

## Cleanup Plans and Progress

**P**rogress continues at the Former York Naval Ordnance Plant (FYNOP) located in York, Pennsylvania. The FYNOP includes property currently owned by Harley-Davidson Motor Company Operations, Inc. (Harley-Davidson) and the York County Industrial Development Authority (YCIDA). The FYNOP was the first site in the nation to volunteer and enroll in the One Cleanup Program. Under the One Cleanup Program, the United States Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP) are working closely together on the cleanup of the affected soil and groundwater at the FYNOP .

During 2014, Part 2 of the Supplemental Remedial Investigation (SRI) for groundwater, the Groundwater Risk Assessment (RA), and the site-wide Remedial Alternative Analysis (RAA) continued. The SRI for groundwater involves the installation and sampling of additional on- and off-site wells. One remaining phase of off-site well drilling will occur during the fall of 2014 in the area south of the Harley-Davidson manufacturing facility. On- and off-site sampling of these wells and other “key” wells is being completed in the early fall of 2014, along with an evaluation of the surrounding surface water conditions. A final report of the findings of the SRI for Groundwater – Part 2 will be issued in 2015. In addition, groundwater remediation activities continued via operation of the on-site groundwater treatment system.

### Supplemental Remedial Investigation, Risk Assessment & Remedial Alternatives Analysis

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 objective of the RA is to evaluate whether the conditions described in the SRI could impact ecological resources and users of the site. The resulting data will be used to complete a comprehensive study of potential remedies (referred to as a Remedial Alternative Analysis or RAA) for cleaning up the FYNOP. The

RAA will provide the basis for selection of the final cleanup remedies for soils and groundwater at the site.

The EPA and the PADEP approved the SRI Report for Soils in 2010. The SRI Report for Soils presents the results of the environmental investigation into contaminated soils on the site. A site-wide Soil RA Report was submitted to and approved by EPA and PADEP in 2012. The report analyzes the potential human exposure risks associated with the levels of impacts found in soils as part of the SRI. Currently, no unacceptable risk to human health related to impacted soil at the FYNOP exists.

The SRI Report for Groundwater – Part 1 was approved by EPA and PADEP in early 2012. The SRI for Groundwater – Part 1 recommended certain additional investigation activities. These additional investigations are detailed in a Field Sampling Plan (FSP) for the SRI for Groundwater – Part 2 was initiated in 2012 and is ongoing.

The results of the Soil and Groundwater SRIs and the Soils and Groundwater RAs will form the basis for the selection of future cleanup actions. An evaluation of Remedial Alternatives for impacted soil and groundwater is underway. A Part 1 – RAA Report will be submitted during fall 2014 and completion of the RAA is anticipated during 2016.

For more information visit the project website:  
[www.yorksiteremedy.com](http://www.yorksiteremedy.com).

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# Community Update

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## Groundwater Treatment System Operation & Water Quality Monitoring

Harley-Davidson has operated a groundwater treatment system on its property for more than 20 years.

Harley-Davidson implements a continual optimization program to evaluate the reliability, efficiency and operation of each component of the treatment system. Special emphasis is placed on spill prevention and detection, compliance with applicable permits, operational reliability, and operation and maintenance efficiency.

The groundwater treatment system has operated as designed throughout 2014 and it is anticipated that the system will continue to operate for several years into the future. A shut-down monitoring phase has been implemented on the north property boundary area collection well system. Shut-down testing of the west parking lot collection well system was also performed as part of the ongoing SRI. The objective of shut-down tests is to evaluate groundwater conditions and characteristics as they exist without the influence of the groundwater treatment system.

Based on groundwater monitoring data collected to date, large reductions (over 90% in most wells) in concentrations of the primary constituents of concern have occurred in groundwater. The primary constituents of concern are chlorinated solvents that were used during historic degreasing operations at the FYNOP.

## Military Munitions Response Program Site Inspection

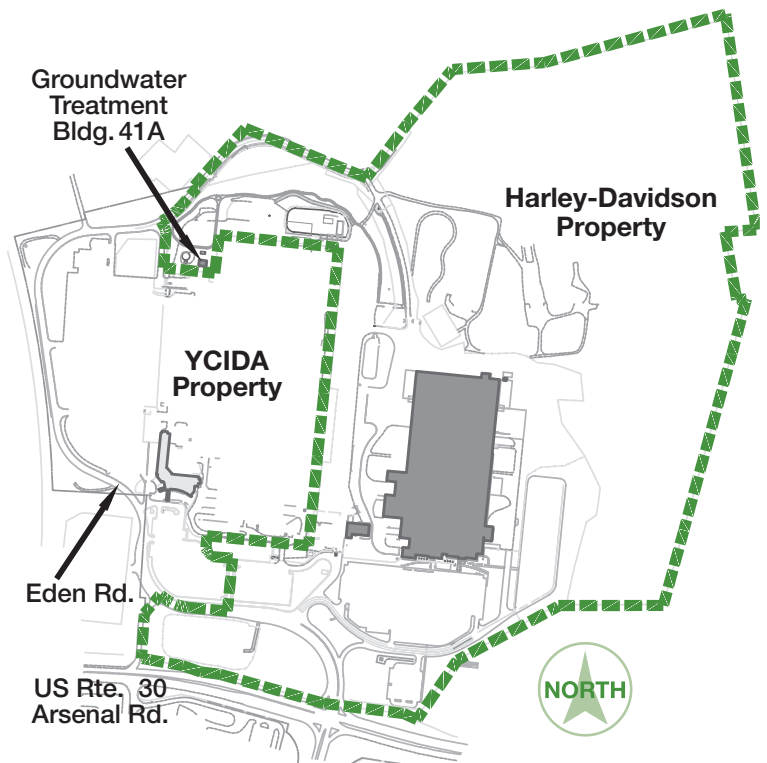
The United States Army Corps of Engineers (USACE), in response to the Military Munitions Response Program (MMRP) for formerly used defense sites, began an 18-month evaluation of the Harley-Davidson property in 2006. The purpose of the evaluation was to determine if the FYNOP site warrants further cleanup of munitions and explosives of concern, or if the site can proceed to a “no further action” status with the Department of Defense.

As part of the MMRP, the final Site Inspection Report for the FYNOP was issued by USACE in late August 2008. Remedial Investigation work was recommended at various locations at the site. Although there is no hazard to the public, Harley-Davidson has taken measures (such as signs, locks, barricades and fencing) to secure old buildings and potential ordnance hazard areas from contact with plant workers and contractors.

During 2014, a contractor was selected to perform the additional MMRP activities necessary to address areas identified in the Site Inspection Report.

## Status of the Western Portion of FYNOP

As part of the consolidation efforts, Harley-Davidson sold approximately 58 acres of its property to the York County Industrial Development Authority (YCIDA) in June 2012. The YCIDA is evaluating options for the future development of the property. Harley-Davidson and the U.S. Government, as part of their existing cost share agreement, have retained all environmental liability and obligations relating to the current environmental conditions on the YCIDA property. Harley-Davidson will retain access to the YCIDA property, including all monitoring wells and remediation facilities/utilities to complete the investigation and remediation.



Former York Naval Ordnance Plant  
York, Pennsylvania

## For More Information

Information Line: 717-852-6664

### Websites:

[www.yorksiteremedy.com](http://www.yorksiteremedy.com) (contains reports and other documents regarding remediation of the FYNOP)

[www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

[www.dep.state.pa.us](http://www.dep.state.pa.us)

