

# Community Update

ISSUE FOURTEEN

FALL 2016

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. and the Redevelopment Authority of the County of York (RACY). 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) work together on overseeing the cleanup of the affected soil and groundwater at the FYNOP.

### Phases of Cleanup

The cleanup of soils and groundwater are addressed in three major phases. Studies in these three phases have been proceeding individually and at different rates for soils and for groundwater:

- **Supplemental Remedial Investigation (SRI)** - Define and evaluate the nature and extent of the contamination of soils and groundwater.
- **Risk Assessment (RA)** - Analyze the potential risks from exposure associated with the levels of contaminants in soils and groundwater that might have impacts to humans, users of the site, and the ecological resources.
- **Remedial Alternatives Analysis (RAA)** - Using the data from the SRI and RA, study all possible cleanup remedies and provide the basis for a final selection of the best way to clean up the soils and the groundwater.

### Soils

No unacceptable risk to human health related to soil exists at the FYNOP. The EPA and the PADEP approved the SRI Report for Soils in 2010. A site-wide Soil RA

Report was approved by EPA and PADEP in 2012. An evaluation of Remedial Alternatives for soil is underway. Completion of the Soils RAA is anticipated during the fourth quarter of 2017.

### Groundwater

Part 1 of the SRI for groundwater was approved by EPA and PADEP in early 2012. It recommended certain additional investigation activities, which were detailed in a Field Sampling Plan for the Part 2 SRI for groundwater. That Part 2 investigation had commenced in 2012.

During 2016, Harley-Davidson completed the Groundwater SRI and RA. Groundwater and soil attainment monitoring was completed for an area associated with a former underground storage tank near former buildings 45/50, and the Remedial Action Completion Report for that storage tank area was approved by PADEP in February 2016. The findings of the site-wide groundwater investigation and the site-wide groundwater human health RA were summarized in reports to the PADEP and USEPA in September 2016 and November 2016, respectively. Annual sampling of monitoring wells will be completed before the end of 2016.

# Community Update

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## Groundwater (continued)

The results of the Groundwater SRI and RA will form the basis for the selection of future cleanup actions. The RAA for impacted groundwater is underway. The completion of the RAA is anticipated during the fourth quarter of 2017.

## Groundwater Treatment System & Water Quality Monitoring

Harley-Davidson has operated a groundwater capture and treatment system on its property for more than 25 years. Harley-Davidson continues to evaluate the reliability, efficiency and operation of each component of the treatment system. Special emphasis is placed on compliance with applicable permits, operational reliability and efficiencies in operation and maintenance.

Based on groundwater monitoring data collected to date, there have been large concentration reductions (over 90% in most wells) of the historically used chlorinated solvents. Chlorinated solvents are the primary constituents of concern at the FYNOP, and the significant reduction in concentrations over time demonstrates that remediation to date has been successful.

## Military Munitions Response Program Site Inspection

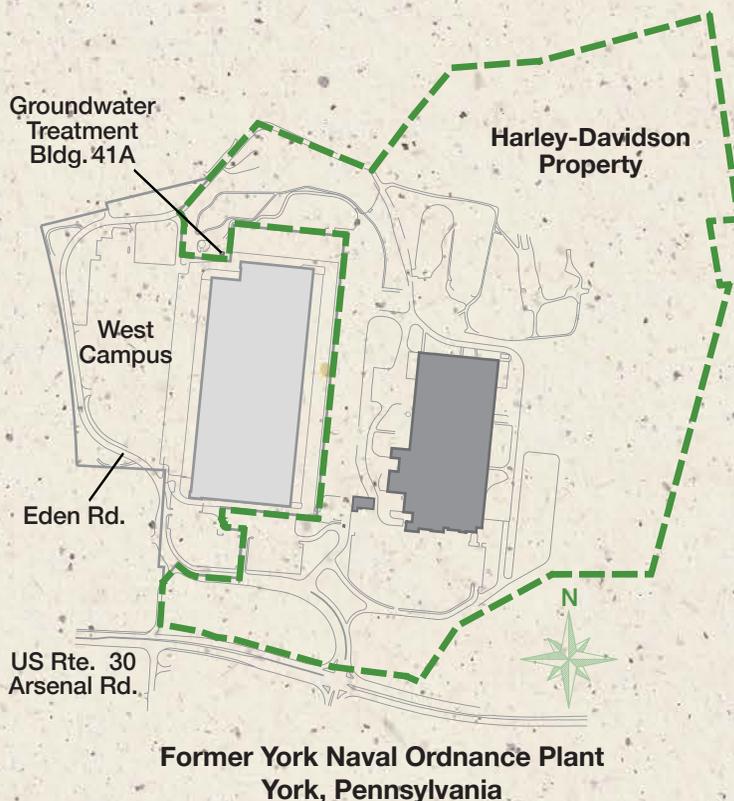
The United States Army Corps of Engineers (USACE), in response to the Military Munitions Response Program (MMRP) for formerly used defense sites, determined that remedial investigation work was recommended at various locations at the site. Although no hazard exists to the public, Harley-Davidson implemented precautionary measures (such as signs, locks, barricades and fencing) to secure old building structures and potential ordnance hazard areas from contact with employees and contractors. Under an agreement with the U.S. Government to complete the investigation and clean-up of the former munitions areas at FYNOP, Harley-Davidson performs and manages this work with input from the USACE.

In 2016, a work plan to conduct Phase 2 of the remedial investigation (RI) of the Munitions Response Areas at the FYNOP was submitted to and approved by the regulators, and the RI field work was completed. This work identified several ordnance items requiring removal or detonation. Completion of the RI is underway, and a report will be prepared for submittal to EPA and PADEP. Submittal of the RI report is anticipated in early 2017, and an RAA will be prepared for the MMRP areas during 2017.

## Status of the Western Portion of FYNOP

As part of its plant consolidation efforts, Harley-Davidson sold approximately 58 acres of the western portion of its property (i.e., the West Campus) to the York County Industrial Development Authority in June 2012. 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 West Campus. Harley-Davidson will retain access to this property, including all monitoring wells and remediation facilities/utilities to complete the investigation and remediation.

In November 2015, the West Campus ownership was transferred to the Redevelopment Authority of the County of York, with pending sale agreement to NP York 58, LLC (NP York). Construction of a 755,000 square-foot warehouse, known as the Eden Road Logistics Center, began during the first quarter of 2016 and is expected to be completed by the end of 2016. The project is being developed by Northpoint Development of Riverside, MO.



## For More Information

Information Line: 717-852-6664

### Websites:

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

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

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

