



Federal Express for Delivery on April 2, 2018

March 30, 2018

Ms. Pamela S. Trowbridge, P.G.
Pennsylvania Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110

Mr. Griff Miller, CHMM, CPH
U.S. Environmental Protection Agency Region 3 (3LC30)
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Transmittal of Updates to Supplemental Remedial Investigation Groundwater Report (Part 2), Groundwater Human Health Risk Assessment Report, and Water Use Survey Former York Naval Ordnance Plant (fYNOP)

Dear Ms. Trowbridge and Mr. Miller:

On behalf of the former York Naval Ordnance Plant (fYNOP) Remediation Team (Harley-Davidson Motor Company Operations, Inc. [Harley-Davidson] and the U.S. Corps of Engineers [USACE]), Groundwater Sciences Corporation (GSC) is submitting the following three reports:

- 1. Supplemental Remedial Investigation Groundwater Report (Part 2) dated August 2016, revised March 2018** – This report was originally submitted in September 2016. The Pennsylvania Department of Environmental Protection (PADEP) approved the report in December 2016 and United States Environmental Protection Agency (USEPA) provided comments on the report in January 2017. Because the majority of the USEPA comments were related to the Southern Property Boundary Area (SPBA) and investigation and interim remediation system testing activities were recently conducted to address USEPA comments on the groundwater risk assessment report, the fYNOP Remediation Team and the USEPA agreed that the report be revised to address all comments except those relating to the SPBA, which will be addressed in a separate upcoming report. There are minimal text changes to this report. You should have

received by email a tracked-changes version of the text, which should aid in your review of this document.

A completely updated version of this report (Volumes 1 through 4) is provided on the attached compact disc (CD). The following is a listing of the attached hard copy portions of the updated report that are being transmitted to those who were sent hard copies of the original report (see list at end of letter):

- A complete Volume 1 (Text). We ask that you recycle the previous Volume 1 or mark it as superseded.
- Volume 2 (Tables) has not changed. We have included updated title sheets, spines and binder cover sheets to place into the copy that was sent in 2016.
- A complete updated Volume 3 (Figures and Plates). We ask that you recycle the previous Volume 3 or mark it as superseded.
- Volume 4 (Appendices) has changed only by the addition of Appendix W. This added appendix includes the correspondence between USEPA and the fYNOP Team regarding this report since it was previously submitted. We have included a hard copy of Appendix W to be added to the end of the volume as well as the updated title sheets, spines and binder cover sheets.

2. **Revised Groundwater Human Health Risk Assessment (HHRA) Report dated March 2018** – This report was prepared by NewFields and was originally submitted in September 2016; however, it was subsequently withdrawn and resubmitted in November 2016. PADEP approved the report in February 2017 and USEPA provided comments on the report in May 2017. NewFields addressed the comments as stated in their August 31, 2017 letter and USEPA indicated they were in agreement with the responses and proposed changes to the report in an email on September 11, 2017. Because of the extensive modifications that were completed to this report to address USEPA's comments, a completely updated version of the report is provided on the attached CD and hard copies of the report are being distributed for those who were sent hard copies of the original report.

In accordance with the PADEP Land Recycling Program requirements, the following documents are being submitted with the HHRA report:

- GSC check of \$250 for the PADEP review fee.
 - Proof of new municipal notification to Springettsbury Township.
 - The text for the new public (newspaper) notification that will run in the York Daily Record on April 2, 2018.
3. **Updated Water Use Survey Report dated March 2018** – A well and surface water use survey report was completed for the Site in December 2005 by Langan Engineering & Environmental Services. This updated water use survey report was prepared by GSC and was used in the development of the groundwater risk assessment report and is further being used in the development of the Site remedy. The report includes personal

information and is being submitted as two separate documents (i.e., one of the documents includes Freedom of Information Act [FOIA] exempt materials).

An electronic copy of the report is included on the attached CD and hard copies of the report are being provided to those who also received hard copies of the SRI groundwater report (Part 2) and the HHRA reports.

If you have questions regarding these reports, please contact either me at 717-901-8187 or Sharon Fisher of Harley-Davidson at 717-852-6544.

Sincerely,
GROUNDWATER SCIENCES CORPORATION



Stephen M. Snyder, P.G.
Senior Associate

CDO/jms

Enclosures: Pamela Trowbridge (PADEP) – 1 hard copy (only portions of the SRI) and 1 electronic copy of each report
Griff Miller (USEPA) – 1 electronic copy of each report

cc: Sharon Fisher (Harley-Davidson) – 1 hard copy (only portions of the SRI) and 1 electronic copy of each report
Ralph Golia (AMOED) – 1 hard copy (only portions of the SRI) and 1 electronic copy of each report
Hamid Rafiee (USACE) – 2 electronic copies of each report
Scott Gould (MWN) – 1 electronic copy of each report
Rodney Myers (HTG) – 1 hard copy (only portions of the SRI) and 1 electronic copy of each report
Janet Kester (NewFields) – 1 electronic copy of the HHRA report



Harley-Davidson Motor Company, 1425 Eden Road, York, PA 17402 717/848-1177

March 29, 2018

Hand Delivered by SRF

Mr. Benjamin Marchant
Township Manager
Springettsbury Township
1501 Mount Zion Road
York, PA 17402

*Re: Revised Groundwater Human Health Risk Assessment Report and Military Munitions Response Program (MMRP) Remedial Investigation Report
Former York Naval Ordnance Plant (fYNOP)
1425 Eden Road, York, PA 17402*

Dear Mr. Marchant:

The Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2) requires that public notice be made to the municipality when a report is being submitted. In accordance with the provisions of Act 2, notice is hereby given that a MMRP Remedial Investigation Report and a Revised Groundwater Human Health Risk Assessment Report are being submitted to the Pennsylvania Department of Environmental Protection (PADEP) for the former York Naval Ordnance Plant (fYNOP) located at 1425 Eden Road in York, Pennsylvania.

This notice is made under the provision of the Land Recycling and Environmental Standards Act, the Act of May 19, 1995, P.L. #4, No. 2. If you have any questions regarding this notice, please contact me at (717) 852-6544.

Sincerely Yours,

HARLEY-DAVIDSON MOTOR COMPANY OPERATIONS INC

Sharon R. Fisher, CHMM
Environmental Manager

cc: Pamela Trowbridge (PADEP)
Ralph Golia (AMOED)
Hamid Rafiee (USACE)
Rachel Schneider (Harley-Davidson)
Michael O'Neill (EA)
Stephen Snyder/Chris O'Neil (GSC)
Scott Gould (MWN)
Rodney G. Myers (HTG)

Public (Newspaper) Notification – York Daily Record

Notice is hereby given that the former York Naval Ordnance Plant Remediation Team (Harley-Davidson Motor Company Operations, Inc. and the U. S. Corps of Engineers) have submitted a Revised Groundwater Human Health Risk Assessment Report and a Military Munitions Response Program Remedial Investigation Report to the Pennsylvania Department of Environmental Protection, Southcentral Regional Office, for the fYNOP Site located at 1425 Eden Road in Springettsbury Township, York, Pennsylvania. This notice is made under the provision of the Land Recycling and Environmental Remediation Standards Act, the Act of May 19, 1995, P.L. #4, No. 2.

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GROUNDWATER SCIENCES CORP.

2801 MARKET PLACE STREET, SUITE 310
HARRISBURG, PA 17110-9340

Fulton Bank
LISTENING IS JUST THE BEGINNING.

60-142/313

CHECK DATE March 21, 2018

PAY Two Hundred Fifty and 00/100 Dollars

TO Commonwealth of Pennsylvania

AMOUNT 250.00

VOID AFTER 180 DAYS



Cynthia Berlin
AUTHORIZED SIGNATURE

Security features. Details on back.

⑈055414⑈

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Check Date: 3/21/2018

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
RAR-1001219	1/21/2018	0076389	250.00			250.00
Commonwealth of Pennsylvania		TOTAL	250.00			250.00
Checking Account-Fulton	3	PACO0000				

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