



Permit No. ESG0300015002
 Report No. 1

EARTH DISTURBANCE INSPECTION REPORT

Project Name PA Pipeline Project/Mariner East 2 **Inspection Date** 8/25/2017 **Inspection Time** 1145
Weather Conditions Partly cloudy, warm, light winds. **Total Project Area** _____
Location Immediately south of the PA Turnpike Bridge **Total Disturbed Area** _____
Municipality Fairview TWP/Highspire Boro & Lower Swatara TWP **County** York/Dauphin
Receiving Water(s) Susquehanna River **Designated/Existing Use** WWF

Responsible Party(s) Sunoco Pipeline, L.P. - Matthew Gordon Precision Pipeline, LLC – David Bell
 (name & address) 525 Fritztown Road 3314 56th Street
 Sinking Spring, PA 19608 Eau Claire, WI 54703
Phone (____) _____ (____) _____

Site Representative (name) Adam Fisher **Inspector** (name) Ron Eberts
 (title) Lead Environmental Inspector (title) Compliance Specialist

Type of Inspection (check only one) **Photographs Taken** Yes No
 Routine complete Routine partial Follow-up Complaint Final

Site Description & Observations Present during this inspection were Ron Eberts of PA Department of Environmental Protection ("Department") and Adam Fisher, Lead Environmental Inspector. The areas inspected ("Site") were the HDD pads on the west side (Fairview Township, York County) and east side (Highspire Borough, Dauphin County) of the Susquehanna River "River", and the Inadvertent Return ("IR") that occurred in the River (Lower Swatara Township, Dauphin County). Neither HDD was in operation at the time of the inspection. Both HDD operators told me that they resumed drilling operations on August 23, 2017 and shut down at approximately 1500 hours on Aug. 24, 2017. After inspecting the HDD sites, I proceeded out on the River to inspect the IR. The IR was found approximately 200 feet from the west shoreline, and approximately 75-feet downstream from the projected drill path. This was the same location that a previously IR had occurred. The previous IR was discovered on August 17, 2017, with a reported release of approximately 495 gallons of bentonite drilling mud. The new IR was estimated to be 50 gallons (v).

Continued on page 3 of 3.

Permit and Plan Requirements	Type of Activity (check as many as appropriate)
Y N <input checked="" type="checkbox"/> <input type="checkbox"/> Written Erosion & Sediment Plan required <input type="checkbox"/> <input checked="" type="checkbox"/> Written Post Construction Stormwater Management Plan required <input type="checkbox"/> <input checked="" type="checkbox"/> Erosion & Sediment Plan requested <input type="checkbox"/> <input checked="" type="checkbox"/> Post Construction Stormwater Management Plan requested <input type="checkbox"/> <input checked="" type="checkbox"/> E & S Permit required <input checked="" type="checkbox"/> ESCGP Permit required <input type="checkbox"/> <input checked="" type="checkbox"/> NPDES Permit required <input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Other _____ <input type="checkbox"/> Pub. Road Constr./Maint. (PRC) <input type="checkbox"/> Pvt. Road/Residence (PRRS) <input type="checkbox"/> Res. Subdivision (RSBD) <input type="checkbox"/> Comm./Indust. Dev. (CMIN) <input type="checkbox"/> Govmt. Facilities (GOV) <input type="checkbox"/> Recreation Facilities (RECF) <input type="checkbox"/> Utilities Facilities (UTL) <input type="checkbox"/> Agricul. Activities (AGA) <input type="checkbox"/> Sewer/Water Systems (SWS) <input checked="" type="checkbox"/> Pipeline (PL) <input type="checkbox"/> Remediation/Restoration (RRES) <input type="checkbox"/> Silviculture (SILV)
Permit #: _____ Exp. Date: _____	


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Inspection Findings

Reference

No violations observed at this time.

 (N/A)

- | | |
|--|---|
| a. Failure to develop a written Erosion and Sediment (E&S) Plan. | <input type="checkbox"/> (102.4) |
| b. Failure to have an E&S Plan available onsite. | <input type="checkbox"/> (102.4) |
| c. Failure to submit an E&S Plan as requested. | <input type="checkbox"/> (102.4) |
| d. Failure to implement effective E&S Best Management Practices (BMPs). | <input checked="" type="checkbox"/> (102.4) |
| e. Failure to maintain effective E&S BMPs. | <input type="checkbox"/> (102.4) |
| f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters. | <input type="checkbox"/> (102.4) |
| g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities. | <input type="checkbox"/> (102.5) |
| h. Failure to obtain an E&S Permit. | <input type="checkbox"/> (102.5) |
| i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan. | <input type="checkbox"/> (102.5) |
| j. Failure to submit a Notice of Termination (NOT). | <input type="checkbox"/> (102.7) |
| k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan. | <input type="checkbox"/> (102.8) |
| l. Failure to have PCSM Plan/Restoration Plan available onsite. | <input type="checkbox"/> (102.8) |
| m. Failure to submit PCSM Plan/Restoration Plan as requested. | <input type="checkbox"/> (102.8) |
| n. Failure to implement effective PCSM BMPs. | <input type="checkbox"/> (102.8) |
| o. Failure to maintain effective PCSM BMPs. | <input type="checkbox"/> (102.8) |
| p. Failure to perform reporting and recordkeeping as required. | <input type="checkbox"/> (102.8) |
| q. Failure to implement riparian buffer or riparian forest buffer. | <input type="checkbox"/> (102.14) |
| r. Failure to meet regulatory requirements for riparian forest buffer. | <input type="checkbox"/> (102.14) |
| s. Failure to provide temporary stabilization of the earth disturbance site. | <input type="checkbox"/> (102.22) |
| t. Failure to provide permanent stabilization of the earth disturbance site. | <input type="checkbox"/> (102.22) |
| u. Failure to comply with permit conditions. | <input checked="" type="checkbox"/> (402 CSL) |
| v. Sediment or other pollutant was discharged into waters of the Commonwealth. | <input checked="" type="checkbox"/> (401 CSL) |
| w. Site conditions present a potential for pollution to waters of the Commonwealth. | <input type="checkbox"/> (402 CSL) |
| x. Failure to comply with a Department Order. | <input type="checkbox"/> (402, 611 CSL) |
| y. Failure to comply with PCSM long-term operation and maintenance requirements. | <input type="checkbox"/> (102.8) |
| z. Failure to conduct a preconstruction meeting. | <input type="checkbox"/> (102.5) |
| aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit. | <input type="checkbox"/> (102.6) |
| bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit. | <input type="checkbox"/> (102.43) |

Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

Additional information regarding these violations can be found on the back of this page.

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Continuation Sheet

Site Description & Observations The original IR was never contained, nor successfully recovered (**u**, **v**). The IR has naturally stayed in place on the riverbed and is approximately 35-feet X 20-feet in size. At the time of my inspection, the Responsible Parties had not installed any Best Management Practices to try to contain or recover the IR (**d**). A voicemail message notifying me of the IR was left for me on August 24, 2017 at 5:22 p.m. after I had left the office for the day. The PA DEP Southcentral Regional Office Emergency Response team was never notified (**u**). The Department received the Inadvertent Return Form on August 25, 2017. The Department did not approve the restart of drilling operations.

The Site is also associated with Permit No. E22-619.

Compliance Assistance Measures

DEP requests that the responsible parties complete the following actions:

- Follow the approved HDD Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan ("HDD IR PPC Plan"), revised August 8, 2017. As stated on page 7 of the HDD IR PPC Plan,

If the inadvertent return is 50 gallons or greater, or of unknown quantity, or is a second or subsequent inadvertent return at an HDD location, drilling operations will be suspended until PADEP inspects the site, concludes that further drilling will not result in additional returns of 50 gallons or greater, and approves a restart of drilling operations. Periods of contractor downtime and the contractor's drilling fluid pumping rate will also be documented to estimate inadvertent return volumes.

- Suspend HDD operations until DEP approves as restart of drilling operations.
- Submit any additional or final IR reporting form(s) as required by the HDD IR PPC Plan.
- Submit a containment and restoration plan providing for the remediation of the current extent of the IR and any future IRs that may reoccur at this location through the completion of HDD activities. The plan should be submitted to Ronald Eberts of DEP at reberts@pa.gov by 9/6/2017.
- Submit drilling logs for the Susquehanna River HDD, for both the east and west shore drill pits, covering the time period from initiation of the drill through August 30, 2017. The logs should document the following for each day of activity: start and stop times of drill, stage of HDD process, approximate progress along the drill alignment, drill pressure, depth of cover, any loss of pressure and/or mud (including volumes), and whether water visibility conditions in the Susquehanna River would have allowed for the river survey crew to observe any IRs that may have occurred.

Follow-up Inspection will occur on or about (date) As needed

Written in the office  (Signature of Site Representative) _____ (Date) _____ mailed/emailed to RPs on 8/30/17 (Inspector's Signature) _____ 8/30/2017 (Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

This report is official notification that a representative of the Department of Environmental Protection has conducted an inspection of your earth disturbance activity to determine compliance with Title 25, Chapter 92a, National Pollutant Discharge Elimination System, Title 25, Chapter 102, Erosion and Sediment Control, and the Pennsylvania Clean Streams Law. This representative may be an employee of the local County Conservation District, which by delegation agreement with the Department of Environmental Protection, is authorized to investigate complaints, inspect earth disturbance activities and conduct compliance actions. Any violations observed by the Department/Conservation District have been noted on this report form and constitute unlawful conduct as defined in Section 611 of the Clean Streams Law.

There will be no written confirmation of those violations from the Department. Failure to take corrective actions to resolve the violations may result in administrative, civil and/or criminal penalties being instituted by the Department of Environmental Protection as defined in Section 602 of the Clean Streams Law of Pennsylvania. The Clean Streams Law provides for up to \$10,000 per day in civil penalties, up to \$10,000 in summary criminal penalties, and up to \$25,000 in misdemeanor criminal penalties for each violation.

This report does not constitute an Order or appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

For further information or assistance please contact:

Ronald Eberts
PA DEP-SCRO
909 Elmerton Avenue
Harrisburg, PA 17110
reberts@pa.gov
717.705.4819

Project Name: PA Pipeline Project, ME2

Inspection Date: August 25, 2017

Municipality: Fairview Township/Highspire Borough and Lower Swatara Township

County: York/Dauphin

Photos Take by: Ron Eberts

Inspection Report: No. 1



East Shore HDD Mud Pit
(Highspire Borough, Dauphin County)



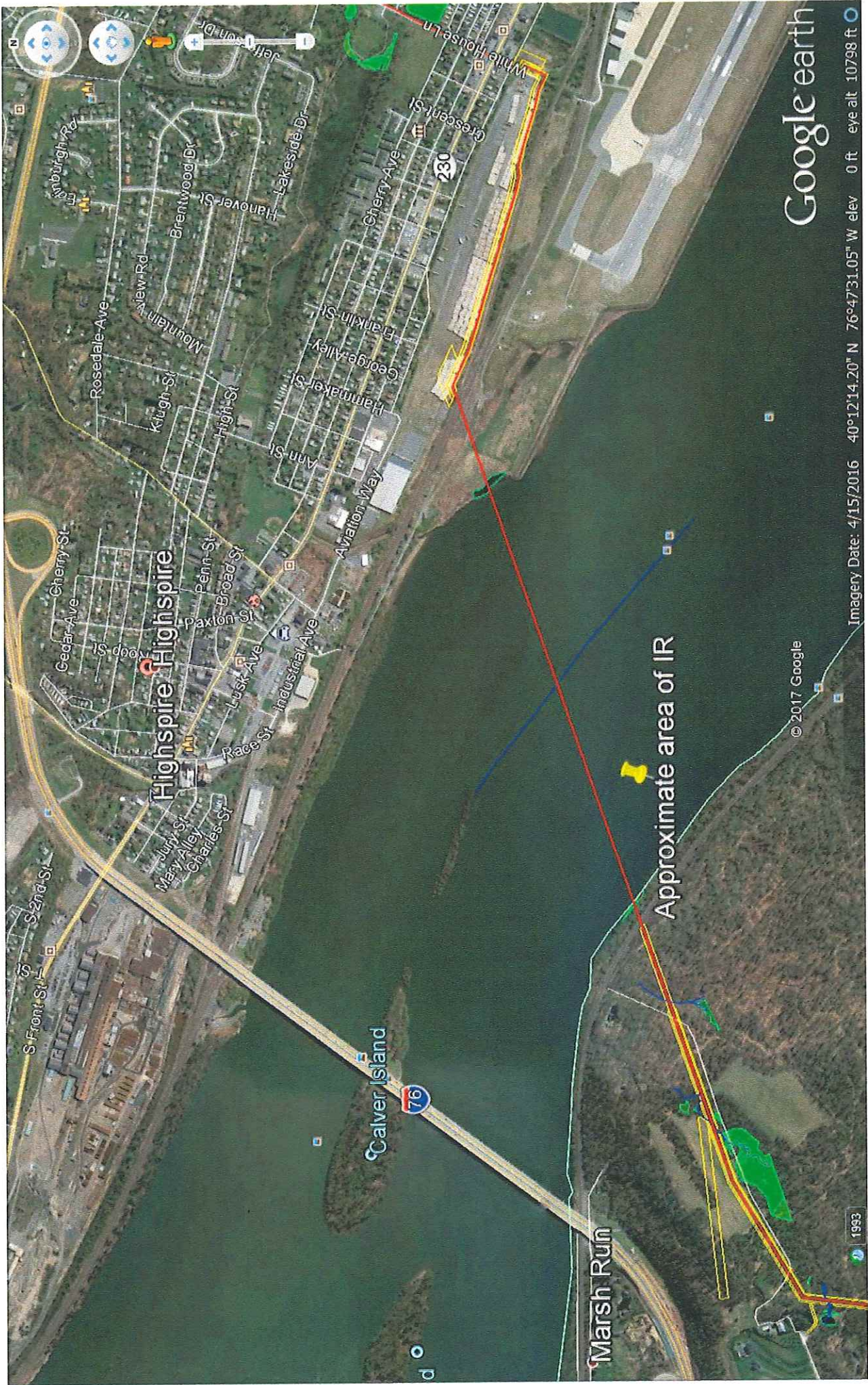
IR on riverbed approximately 35' X 20'
(Lower Swatara Township, Dauphin County)



Edge of IR on riverbed
(Lower Swatara Township, Dauphin County)



Above view of IR on riverbed
(Lower Swatara Township, Dauphin County)



Google earth

Imagery Date: 4/15/2016 40°12'14.20" N 76°47'31.05" W elev 0 ft eye alt 10798 ft

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Approximate area of IR

1993