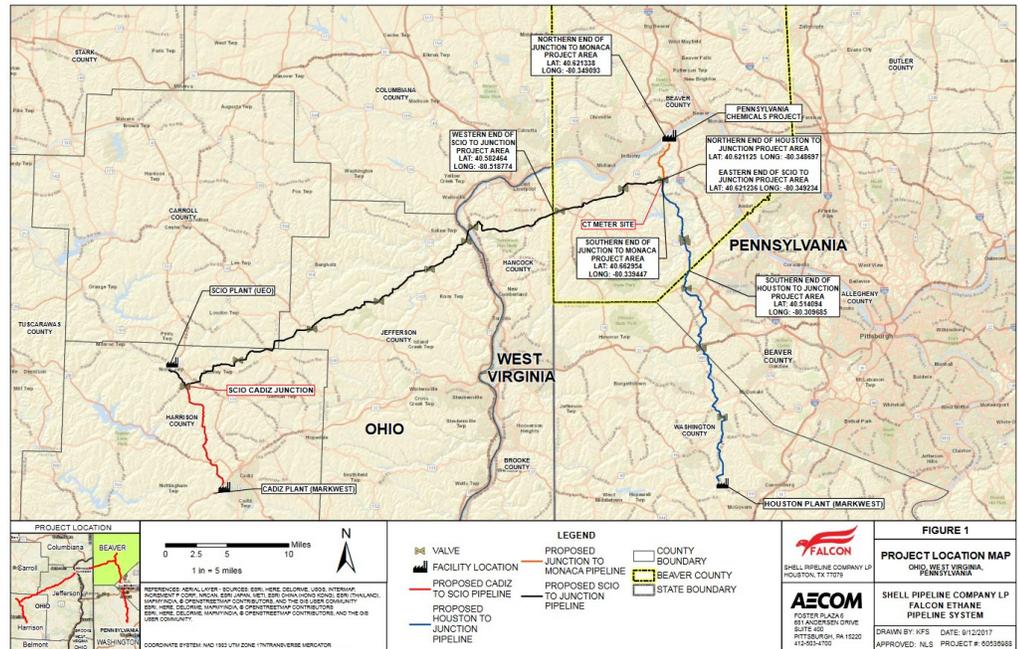


Shell Pipeline Company Falcon Ethane Pipeline

This information sheet serves as a summary overview of the project. Additional information on the project can be found at www.dep.pa.gov/southwest

WHERE

The proposed pipeline by Shell Pipeline Company would begin at the MarkWest Houston Processing and Fractionation Facility in Washington County and travel through Washington, Allegheny and Beaver Counties before ending at the Shell Chemical Appalachia Petrochemical Complex in Potter Township, Beaver County.



A separate segment of the pipeline would connect a MarkWest facility in Cadiz, Ohio and the Utica East Ohio plant in Scio, Ohio to the petrochemical complex in Beaver County. In total, approximately 45.5 miles of pipeline would be located in Pennsylvania and the pipeline will cross portions of southwestern Pennsylvania, eastern Ohio, and the West Virginia panhandle.

WHAT

- The proposed ethane pipeline consists of a 12.5-inch pipeline carrying ethane liquid from Ohio and Houston, Pennsylvania to a junction meter site in Raccoon Township, Beaver County, PA. The segment from the meter site to the Shell Petrochemical Complex consists of a 16-inch pipeline.
- The federal Pipeline and Hazardous Materials Safety Administration (PHMSA) inspects pipelines transporting natural gas and hazardous liquids in interstate commerce. The regulation or enforcement of standard safety practices for the transportation of natural gas liquids is outside the scope of the Department of Environmental Protection’s (DEP) permitting authority. Neither the Pennsylvania Public Utility Commission (PUC) nor the Federal Regulatory Commission (FERC) have jurisdiction over this proposed pipeline.
- There are nine valves along the Pennsylvania portion of the pipeline, but no pump stations.

The project requires several DEP permits:

- Chapter 105—Water Obstruction and Encroachment Permits: These permits are required for activities located in, along, across or projecting into a watercourse, floodway or body of water, including wetlands. The Army Corps of Engineers will also review the Chapter 105 permit applications for this project. Shell Pipeline Company applied for three Chapter 105 permits, one for each county the proposed project would cross in Pennsylvania.

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Shell Pipeline Company Falcon Ethane Pipeline

- Chapter 102 — Erosion and Sediment Control Permit: A permit is required for earth disturbance activities associated with oil and gas exploration, production, processing or treatment operations or transmission facilities when earth disturbance is five acres or greater. For this project, regional staff will work closely with the County Conservation Districts to review and process applications. Shell Pipeline Company applied for coverage under a General Permit but DEP is reviewing it as an application for an Individual Permit.
- National Pollutant Discharge Elimination System (NPDES) General Permit for Hydrostatic Test Water Discharges (PAG-10): This General Permit authorizes the discharge of wastewater generated as a result of pressure testing pipes to test for any leaks before they are put into service. DEP has not yet received this permit application.
- Air Quality Permit: DEP anticipates receiving a Request for Determination (RFD) from Shell Pipeline Company for activities of the project that may need to comply with federal and/or state air emissions regulations. DEP will evaluate any potential air emissions during its RFD review.

CURRENT STATUS

- The Chapter 102 and 105 permit applications were submitted to DEP in the fall of 2017 and are currently under technical review by DEP engineers, biologists, and County Conservation Districts to ensure the applications meet all applicable statutory and regulatory requirements.
- DEP announced a comment period for the Chapter 102 permits and an extension of the comment period for the Chapter 105 permits in a press release on February 16, 2018 and in the Saturday, February 17, 2018 edition of the Pennsylvania Bulletin.
- DEP sent a technical deficiency letter for the Chapter 102 application on February 28, 2018.
- DEP elected to hold public hearings the week of April 2, 2018 on the pending permit applications (Chapters 102 and 105) in each county along the proposed route: Allegheny, Beaver, and Washington.

NEXT STEPS

- DEP will require and review a PPC (Preparedness, Prevention and Contingency) Plan from Shell to address spill prevention and emergency response. Additionally, during the review of the project DEP will consult with its Safe Drinking Water group to ensure that downstream public water supplies, including the Ambridge Reservoir, are protected. The closest crossing is over a mile upstream of the Ambridge Reservoir.
- DEP will review oral testimony provided at public hearings and written testimony submitted during the public comment period and prepare a comment response document that will be issued at the conclusion of DEP's permit application review process.

PUBLIC COMMENTS

Public comments will be accepted until 4:00PM April 17, 2018. Comments must pertain to the applications currently under consideration and should be mailed to PA DEP, Waterways & Wetlands Program, 400 Waterfront Drive, Pittsburgh, PA 15222 or emailed to RA-EPWW-SWRO@pa.gov with a subject line stating that the email is intended for the public record. Written testimony must include the commenter's name, address, and phone number.

MORE INFORMATION

This information sheet will be updated periodically to reflect status changes to the application review process. For more information and to track updates, visit DEP's webpage: www.dep.pa.gov/southwest. This webpage is updated regularly and contains permit applications, DEP press releases, Pennsylvania Bulletin notices, and other documents related to the project.