



SUNOCO PIPELINE
An ENERGY TRANSFER Partnership

Mariner East NEWS & VIEWS

A pipeline of information to keep you updated on developments across the project footprint | MAY 2018

Mariner East 1 update

The Pennsylvania Public Utility Commission (PUC) unanimously voted to restart our Mariner East 1 pipeline (ME1), confirming safe energy transportation can resume and benefit customers. ME1 transports approximately 70,000 barrels per day of liquid propane and ethane from western Pennsylvania approximately 300 miles east to the Marcus Hook Industrial Complex in Delaware County, Pa.

We have worked cooperatively with the PUC and its outside experts for several weeks now, and we are pleased that its investigations concur with ours regarding the safety and the integrity of the pipeline.

When ME1 was shut down as a precautionary measure there were no issues with the pipeline, which has been safely operating for decades. Its continued safe operation has now been verified by all parties. The procedures to restart public utility service on the pipeline began immediately following the approval and receipt of all necessary documentation.

Mariner East 2 construction update

Construction of Mariner East 2 (ME2) continues to make significant progress across the 350-mile pipeline system, with thousands of workers in the field operating safely and efficiently to build this critical multibillion-dollar energy infrastructure project.

Across the project footprint, from eastern Ohio to southeastern Pennsylvania, construction and restoration activities are ongoing, with mainline construction of the 20-inch pipeline 98 percent complete. The majority of the work that needs to be completed involves horizontal directional drills (HDDs), pipeline tie-ins to connect the mainline pipeline to completed bores and HDDs, and hydrotesting completed sections.

To date, 83 HDDs are complete and 93 percent of all HDDs are completed or in progress. The 20-inch pipeline is commissioned and fully operational from Scio, Ohio, to Houston, Pa., and propane spheres in Hopedale, Ohio, and Houston have been commissioned.

We are deeply committed to our core values of safety, security and environmental stewardship, and these values will guide everything we do during construction of Mariner East 2. We will continue to provide regular updates to local stakeholders in addition to this construction newsletter. ●

Committed to Transparency

Throughout construction of the Mariner East project – from planning and preconstruction to construction – we have strived to prioritize communications to all municipalities impacted by the project.

To keep the communities up to date throughout construction of Mariner East 2, we have responded to hundreds of emails and phone calls to address questions and concerns, as well as conducting a number of outreach efforts with county and municipal leaders and community organizations, including:

- **Harrison, Jefferson and Brooke counties:** Nearly 100 meetings attended
- **Washington, Allegheny and Westmoreland counties:** More than 110 meetings attended
- **Indiana and Cambria counties:** 94 meetings attended
- **Blair, Huntingdon, Juniata and Perry counties:** 50 meetings attended. We have met with emergency management services in the project area. Through coordination with the Mariner East First Responder Outreach program, eight volunteer fire companies along the project path have received training and a \$40,000 donation was made to the Marklesburg Volunteer Fire Co.
- **Cumberland, York and Dauphin counties:** More than 80 meetings with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings
- **Lebanon, Lancaster and Berks counties:** 50 meetings held with municipal leaders
- **Chester and Delaware counties:** More than 100 meetings with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings ●

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In Your Area

Sunoco Pipeline has segmented the construction of the 350-mile pipeline into seven sections from Ohio to southeastern Pennsylvania.

- **Harrison, Jefferson and Brooke counties:** Mainline construction of the Mariner East 2 pipeline in the Ohio-West Virginia segment is complete, and the line is fully operational. The only remaining construction activity to note is the Campground Road Truck Intake Facility, which is scheduled for completion in May. We are working to restore the right of way (ROW) to conditions in accordance with state and regulatory requirements, and we continue to work with counties and municipalities to restore all roads as specified in road-use maintenance agreements.
- **Washington, Allegheny and Westmoreland counties:** Mainline construction in this section of Mariner East 2 is nearly complete. Crews continue to complete pipeline tie-in work that will connect completed road bores and HDDs. Workers have completed all road bores and have shifted focus to finalizing HDDs across the three counties. Remaining work includes clearing and grading on a small section of ROW that was previously bypassed, tie-in work, and grading and seeding the ROW.
- **Indiana and Cambria counties:** Mainline construction of the 20-inch pipeline is nearly complete. Crews continue to complete pipeline tie-in work connecting completed road bores and HDDs to wrap up mainline construction in this area. Road bores are complete, and construction crews have shifted to finalizing HDDs across the project area. Remaining work includes clearing and grading on a small section of the ROW, tie-in work, and grading and seeding the sections of ROW where the 20-inch and 16-inch pipelines are installed.
- **Blair, Huntingdon, Juniata and Perry counties:** Mainline construction of the 20-inch pipeline in this area is nearly complete, with crews working to connect completed road bores and HDDs. All road bores have been completed, and construction crews are completing remaining HDDs across the four counties. Remaining work includes clearing and grading on a small section of the ROW, tie-in work, and grading and seeding the ROW where the 20-inch and 16-inch pipelines are installed.
- **Cumberland, York and Dauphin counties:** Mainline construction of the 20-inch pipeline is nearly complete, and construction crews are completing pipeline tie-in work connecting completed road bores and HDDs. Since February, crews have completed pullbacks of the 20-inch pipeline at seven locations in this project area, including the Susquehanna River drill – a major milestone as the longest HDD on the project. Road bores for the 20-inch and 16-inch pipelines are nearing completion as well. Remaining work includes completing pipeline tie-ins, HDDs, and grading and seeding the ROW where the 20-inch and 16-inch pipelines are installed.
- **Lebanon, Lancaster and Berks counties:** Mainline construction of the 20-inch pipeline is nearly complete. As with other areas, crews continue to complete pipeline tie-in work connecting completed road bores and HDDs. Since February, crews have completed one HDD pullback of the 20-inch pipeline and two bores. Road bores for the 20-inch and 16-inch pipelines are nearing completion. Ongoing work will focus on completing pipeline tie-ins and the remaining HDDs, and grading and seeding the ROW where the 20-inch and 16-inch pipelines are installed.
- **Chester and Delaware counties:** Mainline construction continues in this area, with crews working toward the completion of open-trench sections of the 20-inch and 16-inch pipelines, including tie-in areas that connect road bores and HDD sections. Since February, crews have completed pullbacks of the 16-inch pipeline at two locations in the project area. One 20-inch HDD location is underway in Middletown Township and is anticipated for pullback in the next few weeks. Road bores for the 20-inch and 16-inch pipelines are nearing completion as well. This spring and summer, crews will begin work on grading and seeding the ROW where the 20-inch and 16-inch pipelines have been installed. These temporary and permanent restoration efforts will be seen in communities along the pipeline route, including: Elverson, West Nantmeal, East Nantmeal, Wallace, Upper Uwchlan, Uwchlan, West Whiteland, East Goshen, Thornbury, Edgmont, Middletown, Aston and Upper Chichester. ●

Did You Know?

In 2013, Sunoco Pipeline developed a county-by-county training effort based on the guidance in the book “Pipeline Emergencies” and the U.S. Department of Transportation’s “Emergency Response Guidebook.” Since then, more than 2,300 first responders have attended one of the 84 Mariner Emergency Responder Outreach (MERO) sessions offered, including 1,950 responders from Pennsylvania, 253 from Ohio, 24 from West Virginia and 115 from Michigan.

In addition to the classroom portion of the outreach, pump station orientation sessions were held for Mariner East 1 that resulted in 530 responders visiting a pump station. The MERO sessions for Mariner East 2 in 2017 were delivered by Greg Noll, a noted expert in incident command and fire service and the author of “Pipeline Emergencies,” as well as several other hazardous materials and incident command textbooks. In addition to reviewing and updating the MERO program, Noll delivered MERO sessions to responders in all of the counties where ME2 is located.

In Chester County, we have conducted six MERO sessions since 2014. The Chester County HazMat Team and Chester County Local Emergency Preparedness Committee are affiliated with or a part of the Chester County Department of Emergency Services (DES), and people from all three attended the sessions.

Sunoco Pipeline also hosted emergency preparedness meetings with schools and municipalities near the ME2 right-of-way. Nineteen schools across 20 counties attended the meetings, which included school personnel, state employees, county employees and municipal EMA staff/responders. Similar preparedness meetings were held specifically for county and municipal personnel, along with EMA (these differ from MERO trainings in planning rather than response).

In addition, Sunoco Pipeline participates in yearly trainings for emergency responders and public officials in the communities where we operate. These are hosted in different areas each year in conjunction with other local utility companies. ●