

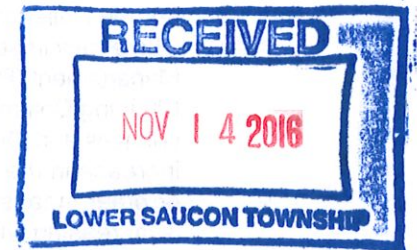


625 West Ridge Pike
Suite E-100
Conshohocken, PA 19428
www.aecom.com
www.urs.com

610 832 3500 tel
610 832 3501 fax

November 9, 2016

Lower Saucon Township Council
Ms. Leslie Huhn
3700 Old Philadelphia Pike
Bethlehem, PA 18015



**Subject: Stormwater Management Analysis
PennEast Pipeline Project
Northampton County, Pennsylvania**

Dear Ms. Huhn,

On behalf of the PennEast Pipeline Company, LLC (PennEast), AECOM is hereby notifying Lower Saucon Township that PennEast has submitted a Pennsylvania Chapter 105 Joint Permit Application (JPA) for authorization of wetland and stream crossings for the PennEast Pipeline Project (Project). PennEast proposes to construct, install, and operate the Project facilities to provide approximately 1.1 million dekatherms per day (MMDth/d) of year-round natural gas transportation services from the Marcellus Shale producing region in northern Pennsylvania to markets in New Jersey, eastern and southeastern Pennsylvania, and surrounding states. The Project will include a new pipeline and aboveground facilities that will provide a new source of low cost natural gas and enhance the region's supply diversity. The Project facilities include a 36-inch diameter, 116.0-mile mainline pipeline extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey. The Project will extend from various receipt point interconnections in the eastern Marcellus Shale region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Within Lower Saucon Township, PennEast proposes to construct approximately 1.3 miles of 36-inch diameter pipeline (the PennEast Mainline Pipeline), 2.1 miles of 24-inch diameter pipeline (the Hellertown Lateral), the Hellertown Launcher & Mainline Launcher/Receiver, Mainline Block Valve 8, and the TCO & UGI/LEH Interconnects, which will be located within the Saucon Creek and Lehigh River watersheds for which an Act 167 Stormwater Management Plan has been approved. A location map illustrating the location of the proposed pipeline and aboveground facilities in Lower Saucon Township is included as Attachment 1.

The pipeline facilities will be restored to pre-construction grade and revegetated following construction in accordance with PennEast's Erosion and Sediment Control Plan (E&SCP), Site Restoration Plan, and the Federal Energy Regulatory Commission's (FERC's) Upland Erosion Control, Revegetation, and Maintenance Plan. Existing drainage patterns will be maintained as feasible by utilizing the existing contours or restoring any disturbed area to the existing condition or meadow. Restoration measures will include the re-establishment of original grade and drainage patterns to the extent practicable. Erosion and sedimentation control best management practices will be maintained until final stabilization is achieved to minimize the likelihood of post-construction erosion. The rate and volume of stormwater runoff from the Project area in the post-construction condition is not expected to exceed that of the pre-construction condition. The E&SCP and Site Restoration Plan will be reviewed by the Pennsylvania Department of Environmental Department (PADEP) and Northampton County Conservation District as part of the Erosion and Sediment Control General Permit (ESCGP-2) application process.

ROUTING

- ☐ Council
- ☐ Manager
- ☐ Asst. Mgr.
- ☐ Zoning
- ☐ Finance
- ☐ Police
- ☐ P. Works
- ☐ P/C
- ☐ P & R
- ☐ EAC
- ☐ Engineer
- ☐ Solicitor
- ☐ Planner
- ☐ Landfill
- ☐ EMC
- ☐ Other



For the Hellertown Launcher & Mainline Launcher/Receiver and the TCO & UGI/LEH Interconnects, where new impervious surfaces are proposed, PennEast has prepared Post-Construction Stormwater Management (PCSM) Plans and designed the PCSM facilities consistent with the Lehigh Valley Planning Commission's Act 167 Stormwater Managements Plan that covers Northampton and Lehigh counties and the Saucon and Lehigh watersheds. The plan states that, "The basic goal is no increase in the peak rate of runoff at any point in the watershed... If, through the use of infiltration or other means, an applicant can demonstrate that neither the peak rate nor the volume of runoff is increasing with development, additional controls to meet the release rates are not required." The stormwater volume and peak runoff rate requirements will be achieved through the installation of infiltration basins, infiltration berms, and vegetated and riprap swales. The PCSM plans and supporting calculations have been submitted to the PADEP and Northampton County Conservation District for review and approval as part of the ESCGP-2 application process.

PennEast intends to proceed with the Project and will continue to coordinate with the PADEP and the Northampton County Conservation District regarding stormwater management best management practices to prevent an increase in the rate of stormwater runoff and minimize any increase in stormwater runoff volume. If you have any comments regarding consistency with the approved stormwater management plans, please direct comments to the PADEP Northeast Regional Office, Waterways and Wetlands Program at 2 Public Square, Wilkes-Barre, Pennsylvania 18701-1915 or call 570-826-2511.

Yours sincerely,

A handwritten signature in cursive script, reading "Sarah K. Binckley". The signature is written in dark ink and is positioned above the printed name and title.

Sarah K. Binckley
AECOM

cc: Tony Cox, PennEast Pipeline Company, LLC
Mike Wilcox, Mott MacDonald
Bernard Holcomb, AECOM

ATTACHMENT 1
PROJECT LOCATION MAP

- 1 MILE POST (SEPTEMBER 2016 FILING)
- R MILE POST (STATION EQUATION DUE TO RE-ROUTE)
- A LINE CHANGE NO. (POST SEPTEMBER 2015 FERC FILING)
- ABOVE GROUND FACILITY
- PROPOSED PERMANENT FACILITY
- PROPOSED PENNEAST PIPELINE CENTERLINE
- PROPOSED GILBERT LATERAL
- PROPOSED UMBERTVILLE LATERAL
- PROPOSED HELLERTOWN LATERAL
- PREVIOUSLY FILED ROUTE (SEPTEMBER 2015)
- PREVIOUSLY FILED ROUTE (MAY 2016)
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED CONSTRUCTION LIMIT
- PROPOSED STAGING AREA
- PROPOSED WAREYARD
- PENNSYLVANIA STATE GAMELAND
- COUNTY BOUNDARY
- STATE BOUNDARY
- USGS QUADRANGLE BOUNDARY

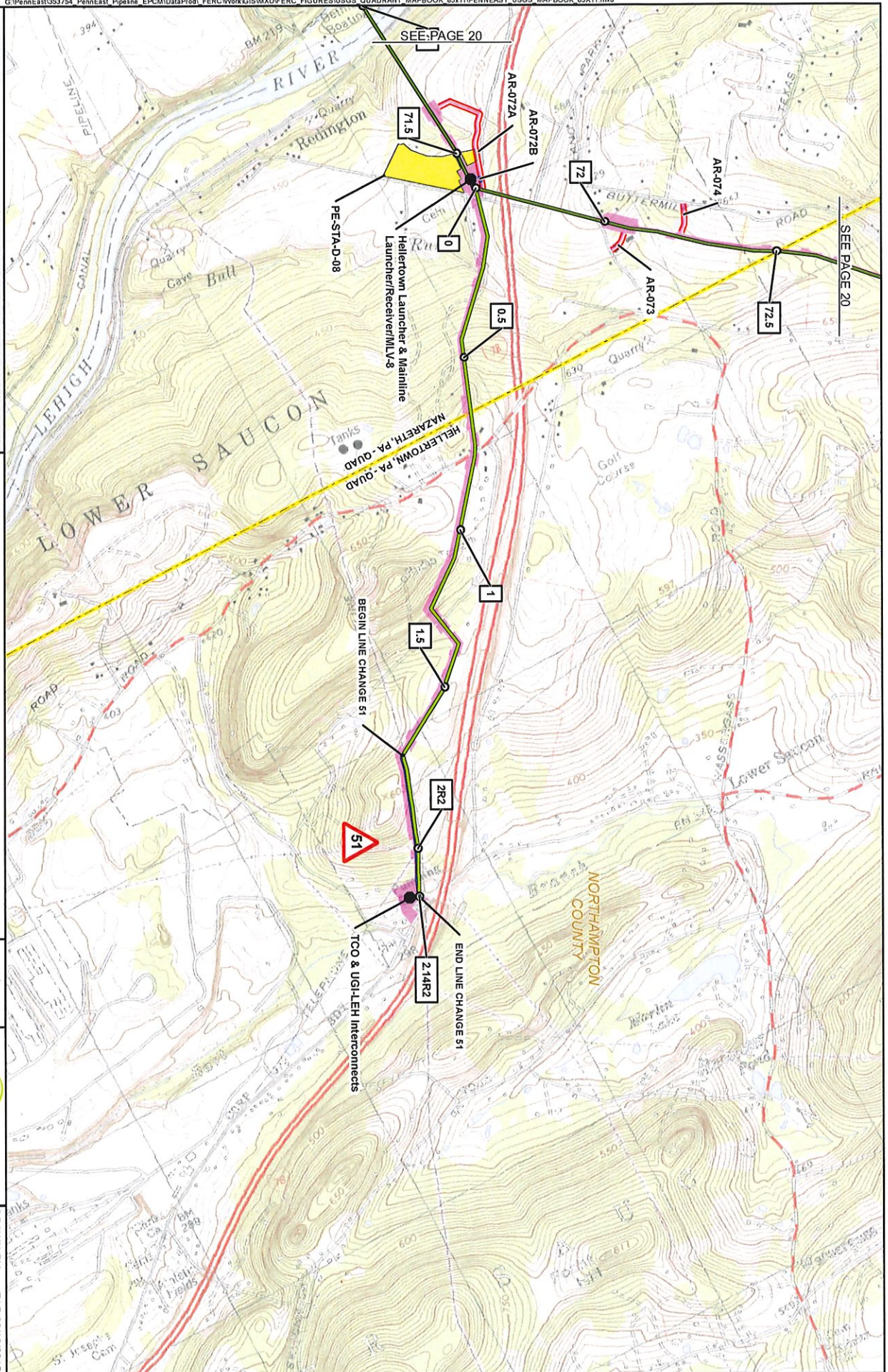
PENNEAST PIPELINE PROJECT USGS QUADRANGLE MAP

NORTHAMPTON COUNTY
PENNSYLVANIA



M
M
MOTT
MACDONALD

DRAWN BY: EAP 08/19/2015
CHECKED BY: CWS 08/29/2016
APPROVED BY: MJD 09/01/2016
REV. DATE: 09/20/16
REVISION: H
DESC: ISSUED FOR FERC
PAGE: 32 OF 32



1 MILE POST
(SEPTEMBER 2016 FILING)

1R MILE POST
(STATION EQUATION DUE TO REROUTE)

Δ LINE CHANGE NO.
(POST SEPTEMBER 2015 FERC FILING)

● ABOVE GROUND FACILITY

○ PROPOSED PERMANENT PIPELINE CENTERLINE

○ PROPOSED LAMBERTVILLE LATERAL

○ PROPOSED HELLERTOWN LATERAL

○ PROPOSED STAGING AREA

○ PROPOSED WARFAR

○ PENNSYLVANIA STATE GAMELAND

○ COUNTY BOUNDARY

○ STATE BOUNDARY

○ USGS QUADRANGLE BOUNDARY

○ PREVIOUSLY FILED ROUTE (SEPTEMBER 2015)

○ PREVIOUSLY FILED ROUTE (MAY 2016)

○ PROPOSED PERMANENT ACCESS ROAD

○ PROPOSED TEMPORARY ACCESS ROAD

○ PROPOSED CONSTRUCTION LIMIT

PENNEAST PIPELINE PROJECT

USGS QUADRANGLE MAP

NORTHAMPTON COUNTY

PENNSYLVANIA

2,000 1,000 0 2,000 4,000 FEET

PenNEast
PIPELINE

M MOTT
M MACDONALD

ABSOLUTE SCALE
1:24,000

REFERENCE SCALE
1 IN = 2,000 FT

DRAWN BY: EAP 08/19/2015

CHECKED BY: CMS 08/29/2016

APPROVED BY: MJD 09/01/2016

REV DATE: 09/20/16

REVISION: H

DESC: ISSUED FOR FERC

PAGE: 20 OF 32

