



COASTAL ZONE CONSISTENCY
APPLICATION: LITTLE MILL
CREEK GAS LINE REPLACEMENT
PROJECT

DELMARVA POWER
401 EAGLE RUN RD
NEWARK, DE 19714



delmarva
powerSM

AN EXELON COMPANY

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Table of Contents:

Coastal Zone Consistency Form

Attachments:

Attachment A – Project Plans and Profile View

Attachment B – DNREC DFW Correspondence



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Newark, DE 19714

Coastal Zone Consistency Form



Initial Review: _____
Updated On: _____
Complete: _____
Official Use Only

Coastal Zone Management Act Federal Consistency Form

This document provides the Delaware Coastal Management Program (DCMP) with a Federal Consistency Determination or Certification for activities regulated under the Coastal Zone Management Act of 1972, as amended, and NOAA's Federal Consistency Regulations, 15 C.F.R. Part 930. Federal agencies and other applicants for federal consistency are not required to use this form; it is provided to applicants to facilitate the submission of a Consistency Determination or Consistency Certification. In addition, federal agencies and applicants are only required to provide the information required by NOAA's Federal Consistency Regulations.

Project/Activity Name:	Little Mill Creek Gas Line Relocation
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I. Federal Agency or Non-Federal Applicant Contact Information:

Contact Name/Title: Jonathan Bartlett

Federal Agency Contractor Name (if applicable): N/A

Federal Agency: USACE
(either the federal agency proposing an action or the federal agency issuing a federal license/permit or financial assistance to a non-federal applicant)

Mailing Address: 401 Eagle Run Road

City: Newark State: DE Zip Code: 19711

E-mail: jonathan.bartlett@exeloncorp.com Telephone #: 302-440-5222

II. Federal Consistency Category:

- Federal Activity or Development Project (15 C.F.R. Part 930, Subpart C)
- Outer Continental Shelf Activity (15 C.F.R. Part 930, Subpart E)
- Federal Financial Assistance (15 C.F.R. Part 930, Subpart F)
- Federal License or Permit Activity (15 C.F.R. Part 930, Subpart D)
- Federal License or Permit Activity which occurs wholly in another state (interstate consistency activities identified in DCMP's Policy document)

III. Detailed Project Description (attach additional sheets if necessary):

Delmarva Power & Light (DPL) is proposing to relocate approximately 870-feet of an existing gas line by installing a new gas line on the north side of the Jack A. Markell Trail at Little Mill Creek in Wilmington, Delaware (New Castle County). It will occur in cleared right-of-way (ROW) on both sides of Little Mill Creek. The project will require access along Norfolk Southern and Amtrak ROWs.

The project will include construction activities on both sides of Little Mill Creek in the cleared ROW. The line will be installed underneath Little Mill Creek using 12-inch conduit. The existing line will be abandoned in place. Construction activities include horizontal directional drilling under the creek to install the new gas line. Access to the work area west of Mill Creek will be obtained through existing gravel access roads from Water Street. Access to the work area east of Mill Creek will be obtained through existing access roads from DPL's Liquid Natural Gas Plant.

IV. General Analysis of Coastal Effects (attach additional sheets if necessary):

The proposed work will result in temporary impacts to non-tidal wetlands along DPL's cleared ROW via access for construction and HDD entry and exits pits. Composite wetland protection matting will be utilized in all areas where construction equipment must access wetland areas during construction. HDD will be utilized for the installation of the gas line to limit impacts to resources, and test pits have been located to limit impacts as much as practicable. The proposed HDD will bore underneath of Little Mill Creek, a tidal wetland on the eastern bank of Little Mill Creek, two nontidal wetlands, and FEMA mapped 100-year floodplain and floodway. The existing gas line will be abandoned in place and grouted to prevent any impacts to coastal water quality or channel topography that may result if the line were to be removed. Project Plans are available in Attachment A.

V. Detailed Analysis of Consistency with DCMP Enforceable Policies (attach additional sheets if necessary):**Policy 5.1: Wetlands Management**

All construction activities within and adjacent to wetlands will be conducted as to minimize wetland destruction and degradation. Composite matting will be utilized for access through wetland areas and the site will be restored to pre-construction conditions following the completion of the project. HDD will be utilized for the installation of the gas line to limit impacts to wetlands, and the HDD test pits have been located to limit impacts as much as practicable. Impacts to all state-regulated wetlands have been avoided. All proposed impacts are to non-tidal wetlands and are temporary as indicated in by the project's Plans (Attachment A).

Policy 5.2: Beach Management

N/A. The project is not proposed to impact any beaches, nor is it located adjacent to any beaches.

Policy 5.3: Coastal Waters Management (includes wells, water supply, and stormwater management. Attach additional sheets if necessary)

The new gas line will be placed underneath Little Mill Creek via HDD to minimize and avoid impacts to coastal water quality. The project will adhere to applicable time-of-year restrictions and utilize non-toxic drilling additives (i.e. bentonite clay) to prevent contamination of wetlands and waterways in the event of an inadvertent return (IR). An inadvertent return (IR) plan will be in place to mitigate impacts in the event of an IR. Additionally, erosion and sediment controls will be utilized upstream Little Mill Creek to prevent the discharge of sediment to surface waters.

Policy 5.4: Subaqueous Land and Coastal Strip Management

All construction activities have been designed to avoid and mitigate impacts to subaqueous lands wherever possible. HDD will be utilized rather than open-cutting for the installation of the gas line where it crosses Little Mill Creek. The existing gas line will be abandoned in place and grouted to prevent any changes channel topography that may result if the line were to be removed.

Policy 5.5: Public Lands Management

Consultation with the Delaware Division of Historical and Cultural Affairs (DHCA) has been initiated regarding the proximity of the proposed work to the Jack A. Markell Trail (November 19, 2025). A response from the DHCA has not been received. Access to the public trail will not be restricted by the proposed work, as the Project is limited to existing access roads and cleared ROW. Following the completion of the proposed work, all disturbed areas will be restored to pre-construction conditions.

Policy 5.6: Natural Lands Management

The project is located adjacent to the Russell W. Peterson Wildlife Refuge, but is limited to an existing cleared ROW. No impacts to the Russell W. Peterson Wildlife Refuge are proposed.

Policy 5.7: Flood Hazard Areas Management

All impacts from the Project to FEMA floodplain and floodway are temporary as indicated in by the project's Plans (Attachment A). No changes to topography that may impact the flow of floodwaters are proposed by this project and following the completion of construction, the work area will be restored to pre-construction conditions.

Policy 5.8: Port of Wilmington

N/A. The project has no affiliation with the Port of Wilmington.

Policy 5.9: Woodlands and Agricultural Lands Management

N/A. The project is not proposed to impact any woodlands or agricultural lands, nor is it located adjacent to those resources.

Policy 5.10: Historic and Cultural Areas Management

Consultation with the Delaware Division of Historical and Cultural Affairs (DHCA) has been initiated as of November 19, 2025. A response from the DHCA has not been received.

Policy 5.11: Living Resources

As a result of coordination with DNREC Division of Fish and Wildlife, the project will comply with all recommendations regarding rare, threatened, and endangered (RTE) species management, revegetation, TOY restrictions, and IR plan implementation. Record of this correspondence is available in Attachment B.

Policy 5.12 Mineral Resources Management

N/A. No mineral extraction or production is proposed by the project.

Policy 5.13: State Owned Coastal Recreation and Conservation

N/A. The project is not located within or adjacent to any state owned recreational lands or conservation areas.

Policy 5.14: Public Trust Doctrine

The gas line is proposed for installation under the bed and banks of Little Mill Creek via HDD to prevent any navigational or fishery impacts during or following the completion of construction.

Policy 5.15: Energy Facilities

All project activities are to be conducted as to not result in permanent impacts to natural resources. Additionally, no impacts to state-designated wetlands are proposed.

Policy 5.16: Public Investment

N/A. The project is not publicly funded.

Policy 5.17: Recreation and Tourism

See above responses to Policy 5.5 (Public Lands Management) and Policy 5.6 (Natural Lands Management).

Policy 5.18: National Defense and Aerospace Facilities

N/A. The project has no impact on National Defense or aerospace facilities.

Policy 5.19: Transportation Facilities

The access route for the project work area runs along an existing access road within Norfolk Southern and Amtrack's ROW; the project is not anticipated to impede the flow of train traffic. Prior to the start of work, DPL will coordinate with Norfolk Southern and Amtrack to ensure all necessary permits and railroad safety measures are implemented. Additionally, see Policy 5.5 Public Lands Management regarding the Jack A. Markell Trail.

Policy 5.20: Air Quality Management

Minimal temporary air quality impacts are anticipated as a result of the emissions from construction vehicles and equipment. No long-term impacts to air quality will result from the proposed work.

Policy 5.21: Water Supply Management

No withdraws or discharges of water are proposed as a result of construction activity. Any water necessary for HDD activity will be hauled onsite and any waste water generated by the work will be pumped into a vacuum truck and hauled to a permitted and approved offsite facility for disposal. No impacts to water supply are anticipated to result from the proposed work.

Policy 5.22: Waste Disposal Management

All land and/or solid waste generated by the project will be disposed of at a facility permitted and equipped for the responsible handling and disposal of such waste. During and following construction activities, all potential sources of solid waste or pollution will be stored inside or undercover until they can be disposed of at the appropriate offsite facility. If hazardous waste is encountered or generated, clean-up and handling procedures will be implemented in accordance with DE regulations regarding the clean-up, agency notification, storage, treatment, and disposal of hazardous wastes. Additionally, see Policy 5.21 Water Supply Management regarding the treatment and disposal of wastewater.

Policy 5.23: Development

No development is proposed as a result of the project. The gas line to be installed will replace an existing line that will be retired in place.

Policy 5.24: Pollution Prevention

To reduce waste, drilling fluid will be reclaimed from the drill pits and reused to reduce waste. Additionally, see Policy 5.22 Waste Disposal Management regarding other forms of waste.

Policy 5.25: Coastal Management Coordination

The project is separately applying for a Wetlands and Subaqueous Lands Permit (DNREC) and a Nationwide Permit (USACE). Coordination with state and federal agencies (DNREC, DHCA, and USACE) is ongoing to allow opportunity for review, comments, and recommendations on the proposed project. All necessary coordination will take place to ensure well informed and reasoned decisions by all stakeholders.

VI. JPP and RAS Review (Check all that apply):

Has the project been reviewed in a monthly Joint Permit Processing and/or Regulatory Advisory Service meeting?



JPP



RAS



None

*If yes, provide the date of the meeting(s): 11/20/2025

VII. Statement of Certification/Determination and Signature (Check one and sign below):

FEDERAL AGENCY CONSISTENCY DETERMINATION. Based upon the information, data, and analysis included herein, the federal agency, or its contracted agent, listed in (I) above, finds that this proposed activity is consistent to the maximum extent practicable with the enforceable policies of the Delaware Coastal Management Program.

OR

FEDERAL AGENCY NEGATIVE DETERMINATION. Based upon the information, data, and analysis included herein, the federal agency, or its contracted agent, listed in (I) above, finds that this proposed activity will not have any reasonably foreseeable effects on Delaware's coastal uses or resources (Negative Determination) and is therefore consistent with the enforceable policies of the Delaware Coastal Management Program.

OR

NON-FEDERAL APPLICANT'S CONSISTENCY CERTIFICATION. Based upon the information, data, and analysis included herein, the non-federal applicant for a federal license or permit, or state or local government agency applying for federal funding, listed in (I) above, finds that this proposed activity complies with the enforceable policies of the Delaware Coastal Management Program and will be conducted in a manner consistent with such program.

Signature:	Jonathan Bartlett	Digitally signed by Jonathan Bartlett Date: 2026.04.10 11:26:58 -04'00'	
Printed Name:	Jonathan Bartlett	Date:	4/10/2026

Pursuant to 15 C.F.R. Part 930, the Delaware Coastal Management Program must provide its concurrence with or objection to this consistency determination or consistency certification in accordance with the deadlines listed below. Concurrence will be presumed if the state's response is not received within the allowable timeframe.

Federal Consistency Review Deadlines:

Federal Activity or Development Project (15 C.F.R. Part 930, Subpart C)	60 days with option to extend an additional 15 days or stay review (15 C.F.R. § 930.41)
Federal License or Permit (15 C.F.R. Part 930, Subpart D)	Six months, with a status letter at three months. The six month review period can be stayed by mutual agreement. (15 C.F.R. § 930.63)
Outer Continental Shelf Activity (15 C.F.R. Part 930, Subpart E)	Six months, with a status letter at three months. If three month status letter not issued, then concurrence presumed. The six month review period can be stayed by mutual agreement. (15 C.F.R. § 930.78)
Federal Financial Assistance to State or Local Governments (15 C.F.R. Part 930, Subpart F)	State Clearinghouse schedule

OFFICIAL USE ONLY:

Reviewed By: Stephanie Zmina	Fed Con ID: 2026.0019	Date Received: 4/16/26
Public notice dates: 5/20/2026 to 6/19/2026	Comments Received: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>[attach comments]</i>	
Decision type: <small>(objections or conditions attach details)</small>	Decision Date:	



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Newark, DE 19714

Attachment A – Project Plans

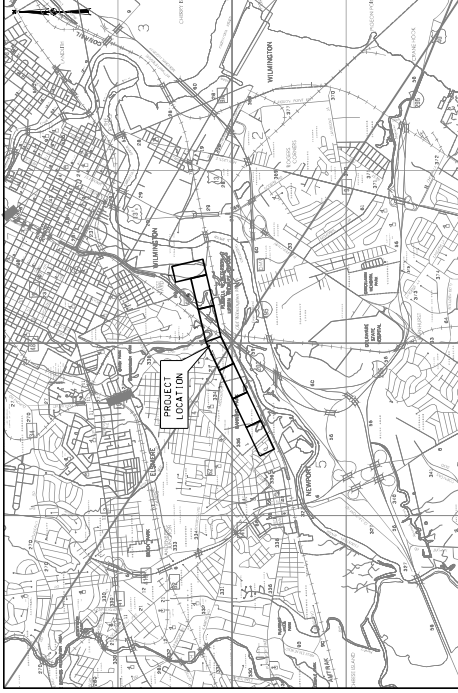
INDEX OF DRAWINGS

DWG. NO.	SHT. NO.	DESCRIPTION
1	ES-11	TITLE PAGE
2	ES-11	EROSION & SEDIMENT CONTROL NOTES
3-7	ES-01 - ES-05	EROSION & SEDIMENT CONTROL DETAILS
8-14	ES-01 - ES-07	EROSION & SEDIMENT CONTROL PLANS

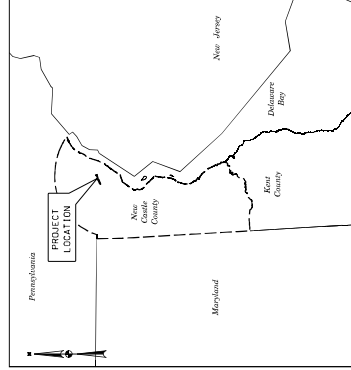
SITE DATA AND EROSION AND SEDIMENT CONTROL NOTES:

- 1.30 ACRES
39°43'20.0" N., -75°34'14.0" W
SUBURBAN (S.), HEAVY INDUSTRIAL (H1)
33 C.U.
DELMARVA POWER & LIGHT CO.
401 EAGLE RUN ROAD
NEWARK, DE 19809
PHONE: 302-454-4101
FAX: 302-454-4102
1818 MARKET STREET, INC
PHILADELPHIA, PA 19103
PHONE: (215) 592-4200
NEW CASTLE COUNTY DEPARTMENT OF LANDUSE
NEW CASTLE, DE 19720
PHONE: 302-395-5400
FAX: 302-395-5887
- TAX PARCEL & PROPERTY ADDRESS: SEE PLANS PROJECT LIMITS WITHIN EXISTING DCL ROW.
- PERMITS, EROSION AND SEDIMENT CONTROL PERMITS, AND ALL NECESSARY UTILITIES.
- THE PROPOSED UNDERGROUND GAS LINE WILL BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING (HDD) WHERE IT CROSSES MILL CREEK.
- THE PROJECT DOES NOT IMPACT CRITICAL NATURAL AREAS.
- NO DEBERTHING OR BUREAU OF PUBLIC WORKS (BPW) SHALL BE PRODUCED.
- NO WATER OR SANITARY SEWER CONNECTIONS ARE PROPOSED ON THIS PLAN.

DELMARVA POWER & LIGHT CO. MILL CREEK GAS LINE REPLACEMENT SEDIMENT AND STORMWATER PLANS NEW CASTLE COUNTY, DELAWARE



LOCATION MAP
SCALE: 1" = 1500'



VICINITY MAP
NOT TO SCALE

CERTIFICATION OF OWNERSHIP

I, THE UNDERSIGNED, HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY WHICH IS SUBJECT OF THIS PLAN AND THAT THE LAND USE ACTION PROPOSED BY THIS PLAN IS MADE AT MY DIRECTION AND THAT I AUTHORIZE THIS PLAN TO BE RECORDED IN ACCORDANCE WITH THE REGULATIONS OF THE NEW CASTLE COUNTY UNIFIED DEVELOPMENT CODE.

SIGNATURE: _____ DATE: 3/27/2008
NAME: CHARLES REED TITLE: PRESIDENT
DELMARVA POWER & LIGHT COMPANY
ADDRESS: 401 EAGLE RUN ROAD
NEWARK, DE 19809
PHONE: 302-454-4101

CERTIFICATION OF PLAN ACCURACY

I, THE UNDERSIGNED, HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF DELAWARE AND THAT ALL OF THE INFORMATION ON THIS PLAN IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY ACCEPTED SURVEYING STANDARDS AND PRACTICES AND BY THE NEW CASTLE COUNTY UNIFIED DEVELOPMENT CODE.



SIGNATURE: _____ DATE: 4/22/2008
NAME: WILL CARPENTER, P.E. TITLE: PROFESSIONAL ENGINEER
ADDRESS: 1818 MARKET STREET, 16TH FLOOR
PHILADELPHIA, PA 19103
PHONE: 215-592-4445

NO GREATER THAN 1.0 ACRE WILL BE DISTURBED IN NEW CASTLE COUNTY AT ANY ONE TIME THROUGHOUT THE COURSE OF CONSTRUCTION.

THE GRADING LIMITS SHOWN ON THE PLAN ARE NOT TO BE EXCEEDED. ANY CHANGES IN THE GRADING, EROSION AND SEDIMENT CONTROL PLAN, SUCH AS WATER MANAGEMENT FACILITIES OR OTHER SUBMITTALS OF THE WORK MUST BE REVIEWED AND APPROVED BY THE ENGINEER.

PROJECT NARRATIVE:

DELMARVA POWER & LIGHT CO. (DPL) PROPOSES THE REPLACEMENT OF APPROXIMATELY 1,000 FEET OF HIGH-PRESSURE UNDERGROUND GAS LINE UNDER MILL CREEK IN WILMINGTON, DE. THE GAS LINE IS TO BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING (HDD). NO PERMANENT CHANGE IN GRADE OR NEW IMPERVIOUS AREA IS PROPOSED AS PART OF THIS PROJECT. ALL DISTURBED GROUNDS WILL BE RESTORED TO PRE-EXISTING CONDITIONS. NO TREE CLEARING OR GRUBBING IS PROPOSED. THE EXISTING GAS LINE WILL BE CUT OFF AND RETIRED IN PLACE.

FILTER SOCK WILL BE USED FOR EROSION AND SEDIMENT CONTROL. AS WORK IS COMPLETED, SEED, STABILIZATION, AND TACK ARE TO BE PLACED PER STATE STABILIZATION REQUIREMENTS IN ORDER TO RE-ESTABLISH THE SITE'S EXISTING HYDROLOGIC CONDITIONS. THE PROJECT PROPOSES TEMPORARY IMPACTS TO ADJACENT EXISTING ECOSYSTEMS. THE PROJECT PROPOSES TEMPORARY IMPACTS TO ADJACENT EXISTING ECOSYSTEMS. THE PROJECT PROPOSES TEMPORARY IMPACTS TO ADJACENT EXISTING ECOSYSTEMS. THE PROJECT PROPOSES TEMPORARY IMPACTS TO ADJACENT EXISTING ECOSYSTEMS. THE PROJECT PROPOSES TEMPORARY IMPACTS TO ADJACENT EXISTING ECOSYSTEMS.

MCCORMICK & TAYLOR
1818 Market Street
18th Floor
Philadelphia, PA 19103

REVISIONS

NO.	DATE	DESCRIPTION
1	3/27/08	ISSUED FOR PERMIT

DELMARVA POWER & LIGHT CO.
AN EXELON COMPANY
NEW CASTLE COUNTY, DELAWARE

MILL CREEK GAS LINE REPLACEMENT

SCALE: AS SHOWN

DWG. 1 OF 14

PROJECT NO. 0802203

Standard Detail & Specifications

Mulching

- Apply product to geotechnically stable slopes that have been designed and constructed to divert runoff away from the face of the slope.
 - Apply product to slopes that are to be mulched within 24-48 hours.
 - During the spring (March 1 to May 31) and fall (September 1 to November 30) seasons, hydraulic mulches may be applied in a one-step process where all components are mixed together and applied in a single step.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
- Minimum curing temperature is 40°F (4°C). The best results and most rapid curing are achieved at temperatures exceeding 60°F (15°C). Curing times may be accelerated in high temperatures.
- Recommended application rates are for informational purposes only. Conformance with this standard and specification shall be performance-based and requires 100% soil coverage. Any deviations from the recommended application rates shall be approved by the project engineer.
- Composite Mulcher (CS) - Composed of a synthetic fiber mat that is applied to the slope to stabilize the soil with 100% soil coverage. The use of synthetic fibers is the preferred method of mulch application on slopes less than 2:1 and requires no mulch watering.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
- Another mulch - mulch mat should be applied immediately to unexcavated areas by wind or water. This may be done by hand or by machine. The mulch mat should be applied to the slope to stabilize the soil with 100% soil coverage. The use of synthetic fibers is the preferred method of mulch application on slopes less than 2:1 and requires no mulch watering.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
- Watering - Adequate watering may be used to secure straw mulch. Install and secure according to the manufacturer's recommendations. Photodegradable or synthetic mulches are not acceptable.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.
 - Apply product to slopes that are to be mulched during the period of the spring and fall seasons.

Source: Delaware ESC Handbook & Filtrix™/Impriational
 Detail No. DE-ESC-3-4.5
 Sheet 2 of 3
 Effective July 2023

Standard Detail & Specifications

Mulching

Mulch Type	Material	Application Rate	Notes
1	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
2	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
3	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
4	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
5	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
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7	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
8	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
9	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
10	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.

Source: Delaware ESC Handbook & Filtrix™/Impriational
 Detail No. DE-ESC-3-4.5
 Sheet 3 of 3
 Effective July 2023

Standard Detail & Specifications

Vegetative Stabilization

Mulch Type	Material	Application Rate	Notes
1	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
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10	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.

Source: Delaware ESC Handbook
 Detail No. DE-ESC-3-4.3
 Sheet 1 of 4
 Effective July 2023

Standard Detail & Specifications

Vegetative Stabilization

Mulch Type	Material	Application Rate	Notes
1	Straw	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.
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10	Wood Cull	2.0 to 3.0 lbs/sq yd	Apply to slopes less than 2:1. Watering required.

Source: Delaware ESC Handbook
 Detail No. DE-ESC-3-4.3
 Sheet 1 of 4
 Effective July 2023

Standard Detail & Specifications

Vegetative Stabilization

Seeding Method	Seeding Rate	Optimum Seeding Date*	Remarks
1. Broadcast	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
2. Hand	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
3. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
4. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
5. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
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Source: Delaware ESC Handbook
 Detail No. DE-ESC-3-4.3
 Sheet 2 of 3
 Effective July 2023

Standard Detail & Specifications

Vegetative Stabilization

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 Detail No. DE-ESC-3-4.3
 Sheet 3 of 4
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Standard Detail & Specifications

Vegetative Stabilization

Seeding Method	Seeding Rate	Optimum Seeding Date*	Remarks
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4. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
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6. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
7. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
8. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
9. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.
10. Mowing	150 - 200 lbs/acre	April 15 - May 15	Good success on steep slopes. Use straw mulch to protect seed.

Source: Delaware ESC Handbook
 Detail No. DE-ESC-3-4.3
 Sheet 1 of 4
 Effective July 2023

REVISIONS

No.	Description	Date
1	Issue for bid	07/2023

DELMARVA POWER & LIGHT CO.
 AN EXELON COMPANY
 NEW CASTLE COUNTY, DELAWARE
 MILL CREEK GAS
 LINE REPLACEMENT
 SCALE: NOT TO SCALE
 SHEET NO. 004
 DATE: 07/2023

McCormick Taylor
 1800 Locust Street
 18th Floor
 Philadelphia, PA 19103
 Tel: 215-261-1000
 Fax: 215-261-1001
 Email: info@mtaylor.com

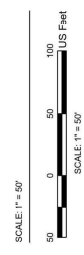
Professional Engineer
 No. 20086
 State of Delaware
 License No. 20086
 Effective Date: 07/2023



MATCHLINE SEE SHEET ES-03

MATCHLINE SEE SHEETS 01

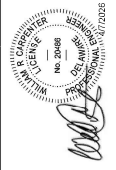
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 - - - - - LIMITS OF ACCESS (LOA)
 - ➔ PROPOSED GAS LINE
 - ⊕ EXISTING UNDERGROUND GAS BORE PITS
 - ⊗ WETLAND PROTECTION MATING
 - ⊕ EXISTING UNDERGROUND GAS BORE PITS
 - - - - - EXISTING CONTOURS
 - ⊕ RAILROAD
 - ⊕ PROPERTY LIMITS
- T STATE TIDAL WETLAND CLASSIFICATIONS**
- NM SOIL CLASSIFICATION
 - ⊕ SOIL BOUNDARY
 - ⊕ DELINEATED WETLANDS
 - ⊕ DELINEATED WATERCOURSES
 - ⊕ FEMA FLOODPLAIN
 - ⊕ STATE TIDAL WETLANDS
 - ⊕ GALT FENCE
 - ⊕ STABILIZED CONSTRUCTION ENTRANCE



No proposed resource impacts on this plate.

DELMARVA POWER & LIGHT CO.
 AN EXELON COMPANY
 EROSION AND SEDIMENT CONTROL PLAN SHEET
 NEW CASTLE COUNTY, DELAWARE

DESIGNED:	DWG'S OF 14	ES-02
DRAWN:	PLW/BR	
CHECKED:	CKE	
MILL CREEK GAS LINE REPLACEMENT		



MCCORMICK TAYLOR
 1518 Market Street
 15th Floor
 Philadelphia, PA 19103



STANDARD SYMBOLS:

- LIMITS OF DISTURBANCE (LOD)
- LIMITS OF ACCESS (LOA)
- PROPOSED GAS LINE
- EXISTING UNDERGROUND GAS
- BORE PITS
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T STATE TIDAL WETLAND CLASSIFICATIONS

M M SOIL CLASSIFICATION

--- SOIL BOUNDARY

--- DELINEATED WETLANDS

--- DELINEATED WATERCOURSES

--- FEMA FLOODPLAIN

--- STATE TIDAL WETLANDS

--- GALT FENCE

--- STABILIZED CONSTRUCTION ENTRANCE

SCALE 1" = 50'

50 0 50 100 FEET

SCALE 1" = 50'

No proposed resource impacts on this plate.

McCormick Taylor
1518 Market Street
15th Floor
Philadelphia, PA 19103

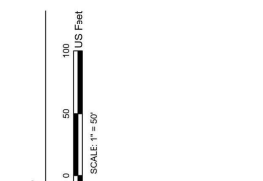
DELIMARVA POWER & LIGHT CO.
AN EXELON COMPANY
EROSION AND SEDIMENT CONTROL PLAN SHEET
NEW CASTLE COUNTY, DELAWARE

MILL CREEK GAS LINE REPLACEMENT

SCALE 1" = 50' DRAWN 10/14
DESIGNED: DRAWN: DATE: CHECKED: MTF 10/05/19



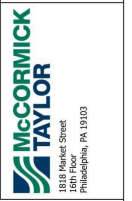
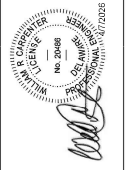
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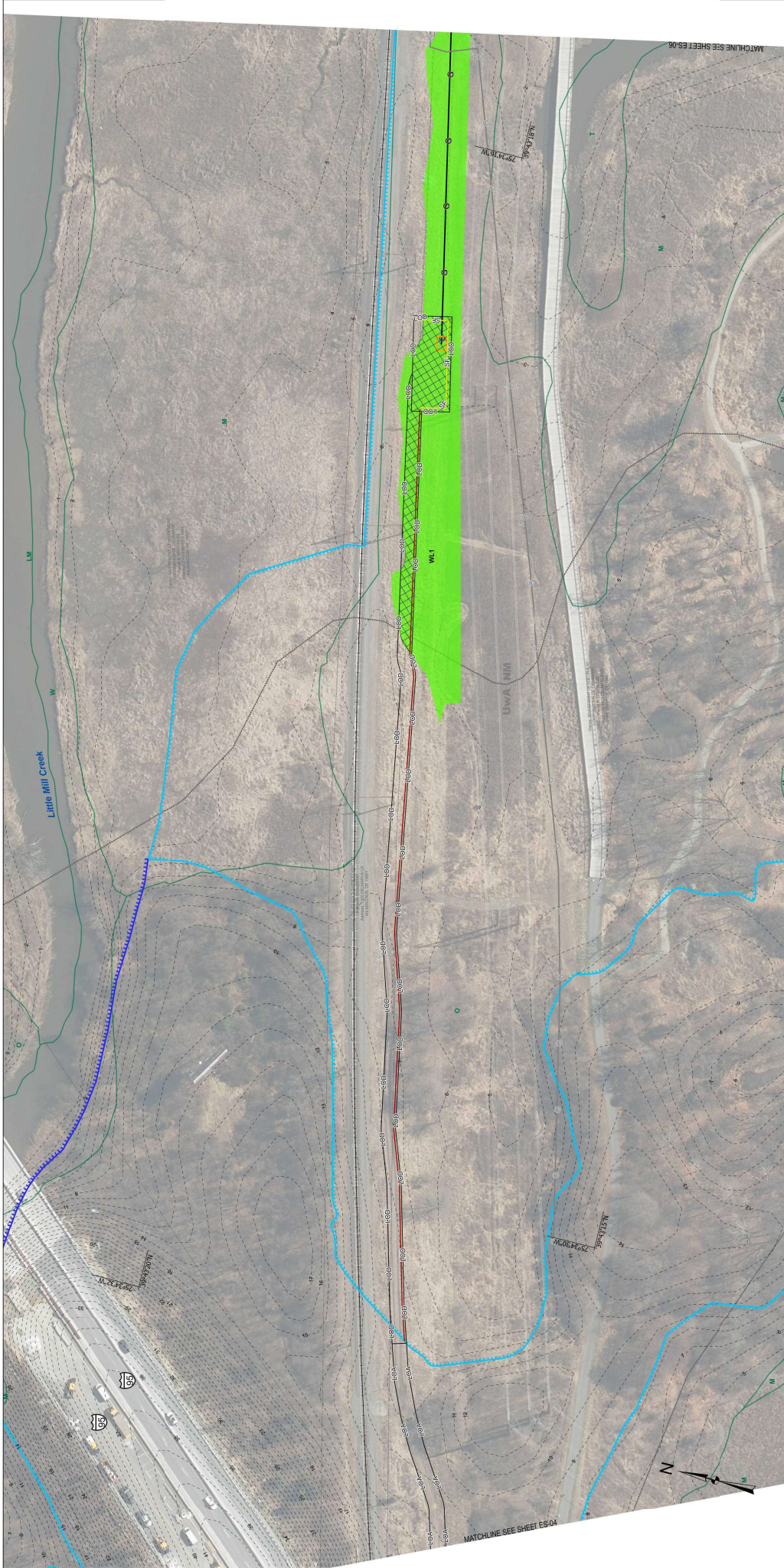


No proposed resource impacts on the plate.

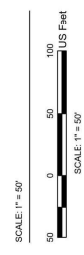
DELMARVA POWER & LIGHT CO.
 AN EXELON COMPANY
 EROSION AND SEDIMENT CONTROL PLAN SHEET
 NEW CASTLE COUNTY, DELAWARE

DESIGNED:	DATE:	CHECKED:
DRAWN:	DATE:	
PROJECT:	DATE:	
PROJECT:	DATE:	





- STANDARD SYMBOLS:**
- - - - - LIMITS OF DISTURBANCE (LOD)
 - - - - - LIMITS OF ACCESS (LOA)
 - ➔ PROPOSED GAS LINE
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Mill Creek Gas Line Replacement Impact Table

Plate Number	Name	Temporary Wetland Impacts SF	Temporary Floodplain Impacts SF
5	WLI PEM	150	150

DELMARVA POWER & LIGHT CO.
 AN EXELON COMPANY
 EROSION AND SEDIMENT CONTROL PLAN SHEET
 NEW CASTLE COUNTY, DELAWARE

MILL CREEK GAS LINE REPLACEMENT

DESIGNED: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

DATE: 08/12/2014
 PROJECT: [Signature]
 SHEET: [Signature]

MCCORMICK TAYLOR
 1518 Market Street
 Philadelphia, PA 19103

ES-06

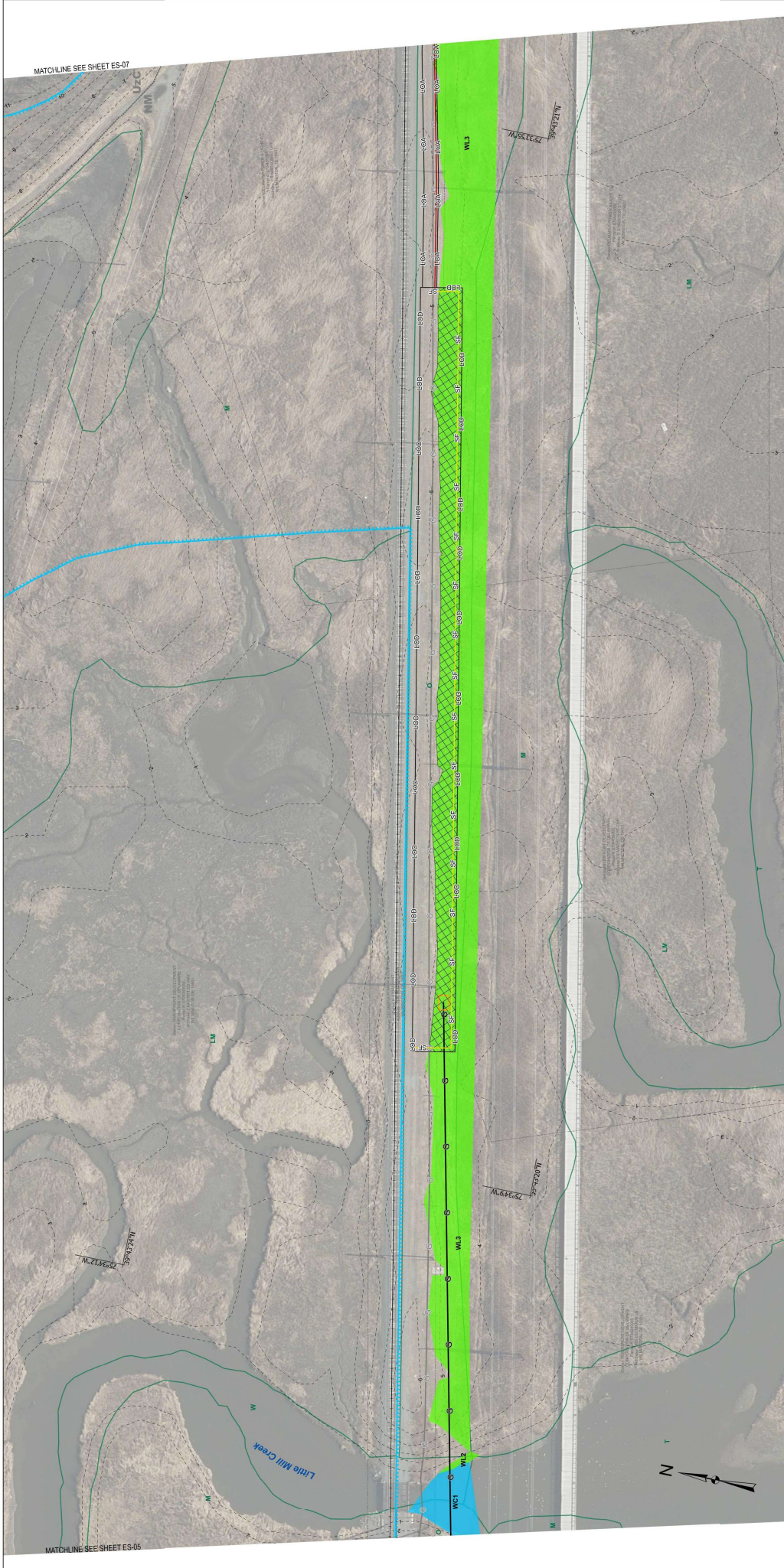
DATE: 08/12/2014
 PROJECT: [Signature]
 SHEET: [Signature]

DATE: 08/12/2014
 PROJECT: [Signature]
 SHEET: [Signature]

DATE: 08/12/2014
 PROJECT: [Signature]
 SHEET: [Signature]

MATCHLINE SEE SHEET ES-07

MATCHLINE SEE SHEET ES-05



STANDARD SYMBOLS:

- - - - - LIMITS OF DISTURBANCE (LOD)
- - - - - LIMITS OF ACCESS (LOA)
- PROPOSED GAS LINE
- EXISTING UNDERGROUND GAS
- BORE PITS
- WETLAND PROTECTION MATING
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T STATE TIDAL WETLAND CLASSIFICATIONS

M1M SOIL CLASSIFICATION

- SOIL BOUNDARY
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- FEMA FLOODPLAIN
- STATE TIDAL WETLANDS
- GALT FENCE
- STABILIZED CONSTRUCTION ENTRANCE

Mill Creek Gas Line Replacement Impact Table

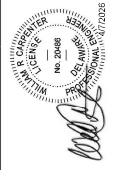
Plate Number	Name	Temporary Wetland Impacts		Temporary Floodplain Impacts	
		SF	PEM	SF	SF
6	WL3	150	PEM	150	150



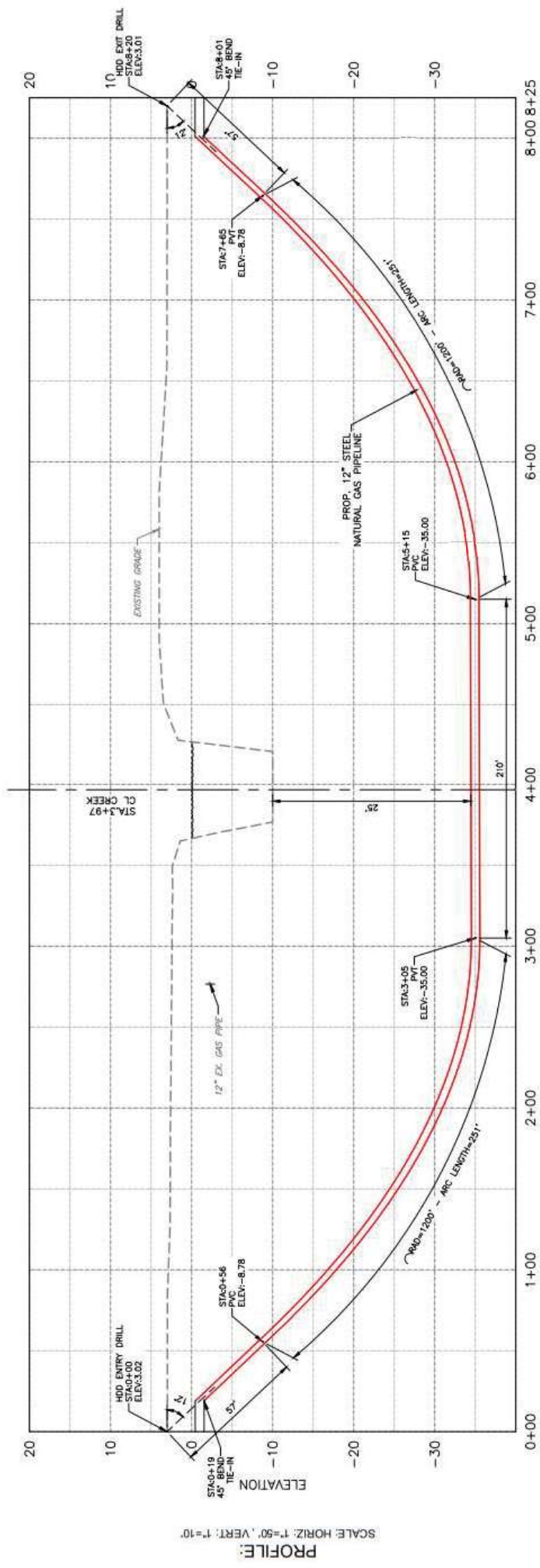
DELMARVA POWER & LIGHT CO.
 AN EXELON COMPANY
 EROSION AND SEDIMENT CONTROL PLAN SHEET
 NEW CASTLE COUNTY, DELAWARE

MILL CREEK GAS LINE REPLACEMENT

SCALE 1" = 50'
 DWG NO. 14
 DESIGNED: [Signature]
 CHECKED: [Signature]



MCCORMICK TAYLOR
 1518 Market Street
 Philadelphia, PA 19103



PROFILE:
 SCALE: HORIZ: 1"=50', VERT: 1"=10'

Little Mill Creek - Cross Section Diagram



WILLIAM R. CARPENTER
 LICENSE
 No. 20486
 DELAWARE
 PROFESSIONAL ENGINEER
 4/17/2026



delmarva
powerSM

AN EXELON COMPANY

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment B – DNREC Correspondence



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

DIVISION OF FISH & WILDLIFE
 RICHARDSON & ROBBINS BUILDING
 89 KINGS HIGHWAY
 DOVER, DELAWARE 19901

DIRECTOR'S
 OFFICE

PHONE
 (302) 739-9910

December 2, 2025

Andrew Meyer
 McCormick Taylor
 1501 S. Clinton Street, Suite 1150
 Baltimore, MD 21224

Re: MTA 2025 Mill Creek Markell Trail Gas Line Replacement Project

Dear Andrew:

Thank you for contacting the Division of Fish and Wildlife (DFW) Species Conservation and Research Program about information on rare, threatened and endangered species, unique natural communities, and other significant natural resources as they relate to the above referenced project.

State Natural Heritage Site

A review of our database indicates that the following state-rare or federally-listed plants, animals or natural communities occur at or adjacent to the project site:

Scientific Name	Common Name	Taxon	State Rank	State Status	SGCN Tier or Global Rank	Federal Status
<i>Battus philenor</i>	Pipevine Swallowtail	Invertebrate	S2	NL	Tier 2	NL

State Rank: **S1** – Extremely rare within the state (typically 5 or fewer occurrences); **S2** – Very rare within the state (6 to 20 occurrences); **S3** – Rare to uncommon in Delaware; **S4** – Apparently secure, at fairly low risk of extinction or extirpation due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors; **S5** – Demonstrably secure, at very low risk of extinction or extirpation due to a very extensive range, abundant populations or occurrences, or little to no concern from declines or threats; **SX** – Extirpated or presumed extirpated from the state. All historical locations and/or potential habitat have been surveyed; **SH** – Historically known, but not verified for an extended period (usually 15+ years); there are expectations that the species may be rediscovered; **SE** – Non-native in the state (introduced through human influence); not a part of the native flora or fauna; **SNR** – Not yet ranked in Delaware; **SN** – Occurrences in DE of limited conservation value, **of concern due to a restricted range; **SU** – Status uncertain within the state. Usually, an uncommon species which is believed to be of conservation concern, but there is inadequate data to determine the degree of rarity; **B** – Breeding; **M** – Migratory; **N** – Nonbreeding.

State Status: **E** – Endangered, i.e., designated by the Delaware Division of Fish and Wildlife as seriously threatened with extinction in the state pursuant to State of Delaware Code (7 Del. §601 *et seq.*) and implementing regulation (Title 7, 3900, 16.0 Endangered Species); **NA** – Plants are not included in Title 7; **NL** – Not listed.

SGCN Tiers: **Tier 1** – Species of Greatest Conservation Need (SGCN) that are most in need of conservation action in order to sustain or restore their populations. They are the focus of the Delaware Wildlife Action Plan (DEWAP), which is based on analyzing threats to their populations and habitats, and on developing conservation actions to eliminate, minimize, or compensate for these threats; **Tier 2** – SGCN that are also in need of conservation action, although not with the urgency of Tier 1 species. Their distribution across the landscape will help determine where DEWAP conservation actions will be implemented on the ground; **Tier 3** – These species are for the most part still relatively common in Delaware, but are listed as SGCN for various reasons, including documented population declines, high responsibility of the Northeast region for the global population, or continued need for monitoring and/or management. This tier also includes non-breeding species that are uncommon in Delaware. **NA** – Plants are not addressed in DEWAP.

Federal Status: **E** – Endangered, i.e., designated by the U.S. Fish and Wildlife Service as being in danger of extinction throughout its range; **T** – Threatened, i.e., designated by USFWS as being likely to become endangered in the foreseeable future throughout all or a significant portion of its range; **C** – Candidate, i.e., taxa for which the U.S. Fish and Wildlife Service has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened species. NOAA Managed Candidate: **SC** – Species of Concern, i.e., species about which NOAA's National Marine Fisheries Service (NMFS) has some concerns regarding status and threats, but for which insufficient information is available to indicate a need to list the species under the ESA; **NL** – Not listed.

While one or more state-rare species were identified near the project location, at present, this project does not lie within a State Natural Heritage Site, nor does it lie within a Delaware National Estuarine Research Reserve, which are two criteria used to identify “Designated Critical Resource Waters” in the U.S. Army Corps of Engineers (USACE) Nationwide Permit General Condition No. 22. A copy of this letter shall be included in any permit application or pre-construction notification submitted to the USACE for activities on this property.

Revegetation

If any re-vegetation of disturbed areas is proposed in association with this project, we request that no non-native species or state-rare species be used in the disturbed areas. We further recommend that the applicant re-vegetate the area using native plant species that are indigenous to the state of Delaware and are appropriate for the site. Our staff can provide guidance in selecting plant material.

Key Wildlife Habitat

The wetland in the project area is mapped as Key Wildlife Habitat (KWH) in the Delaware Wildlife Action Plan (DEWAP) because it is part of a large wetland complex/large forest block that can support an array of plant and animal species across the landscape.

Although designation as KWH is non-regulatory, these maps are intended to help guide site-specific conservation planning efforts. Impacts to KWH should be minimized to the greatest extent practicable.

The DEWAP is a comprehensive strategy for conserving the full array of native wildlife and habitats, common and uncommon, as vital components of the state’s natural resources. This document can be viewed via the [Division of Fish and Wildlife’s website](#).

Delaware Ecological Network

Habitat in the project area has been identified as ecologically important by the Delaware Ecological Network (DEN) and is classified as a core area and corridor. The DEN, although non-regulatory, is a statewide conservation network developed using GIS and field collected datasets

that help to identify and prioritize ecologically important areas for natural resource protection. The DEN includes ecologically important areas such as forests, wetlands, streams, habitat that supports rare species and areas of especially high quality. The DEN includes the following key elements: 1) Core areas – which contain relatively intact natural ecosystems, and provide high-quality habitat for native plants and animals, 2) Hubs – which are slightly fragmented aggregations of core areas with contiguous natural cover and 3) Corridors – which link core areas together, allowing wildlife movement and seed and pollen transfer between them. The DEN can be accessed through First Map: [Delaware Ecological Network 2.0 | Delaware Ecological Network 2.0 | State of Delaware \(arcgis.com\)](#). We recommend that this DEN designated area be protected to the fullest extent possible.

Low Marsh

Currently, there are no records of state-rare or federally-listed marsh bird species at this site. However, aerial imagery and wetland habitat maps indicate that low marsh habitat (i.e., dominated by *Spartina alterniflora*) is present. Several state-rare species of conservation concern frequently nest in low marsh habitat, including the seaside sparrow (*Ammodramus maritimus*), clapper rail (*Rallus longirostris*), and willet (*Tringa semipalmata*). We recommend a time of year restriction of **April 1st to July 31st** to avoid impacts to marsh nesting birds.

Fisheries

Horizontal Directional Drilling

The project description indicates that direct impacts to waterbodies would be avoided through use of trenchless construction methods, such as horizontal directional drill; therefore, no time of year restrictions or other measures are requested for anadromous fish species or for resident gamefish species. If this changes, please contact us again for further guidance. We would likely request that in-water work not occur from **March 1st to June 30th** to allow time for anadromous fish species and American eel young of the year, which utilize Little Mill Creek as a nursery area, to grow large enough to be less vulnerable to habitat-altering activities and then migrate out of the system.

Although the use of a directional drill has less of an impact than other methods, such as trenching, there is still a potential for frac-outs to occur which could impact wetlands and water bodies within the project area. Therefore, we highly recommend that a frac-out contingency plan be in place prior to the start of project activities. The contingency plan should include the following:

1. A provision to contain materials released,
2. A clean-up protocol, and
3. Arrangements for an experienced representative (drilling crew or consultant) to watch the site at all times so that the operation can be shut down immediately in the event a frac-out occurs.

In addition, on-site staff should have access to the DNREC 24-hour hotline (**1-800-662-8802**) to report any environmental release or fish kill. Immediate notification of any environmental release is imperative.

Please also contact fisheries section staff:

- Tidal waters: Devon Scott (Devon.Scott@delaware.gov or 302-735-2961)
- Non-tidal waters: Steven Luell (Steven.Luell@delaware.gov or 302-735-2973)
- If appropriate fisheries staff cannot be reached: Fisheries section (302-739-9914)

We are continually updating our records on Delaware's rare, threatened and endangered species, unique natural communities and other significant natural resources. If the start of the project is delayed more than a year past the date of this letter, please contact us again for the latest information.

Please feel free to contact me with any questions or if you require additional information.

Sincerely,



Faith Garcia
Environmental Review Coordinator
Phone: (302) 735-8665
Cell: (302) 443-3812
Email: christinefaith.garcia@delaware.gov
89 Kings Highway
Dover, DE 19901

(See invoice on next page)

INVOICE - PAYMENT DUE

It is our policy to charge a fee for this environmental review service. This letter constitutes an invoice for \$35.00 (\$35.00/hour for a minimum of one hour). Please make your check payable to “Delaware Division of Fish and Wildlife” and submit to:

DE Division of Fish and Wildlife
97 Commerce Way, Suite 106
Dover, DE 19904
ATTN: DFW Fiscal

**In order for us to properly process your payment, you must reference
“MTA 2025 Mill Creek Markell Trail Gas Line Replacement Project” on your check.**

cc: DFW Fiscal; Code to 72900