delmarva power℠

AN EXELON COMPANY

DNREC SUBAQUEOUS LANDS PERMIT APPLICATION: CIRCUIT 6720 – INDIAN RIVER TO MILLSBORO CORRECTIVE MAINTENANCE PROJECT

DELMARVA POWER
401 EAGLE RUN RD
NEWARK, DE 19714

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

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Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Cover Letter

McCORMICK TAYLOR

March 2, 2026

Richardson and Robbins Building
89 Kings Highway
Dover, DE 19901

RE: Subaqueous Lands Permit Application
Delmarva Power and Light Company
Circuit 6720 – Indian River to Millsboro Project
Sussex County, Delaware

To Whom it May Concern,

Delmarva Power & Light Company (DPL) is proposing corrective maintenance work on an existing overhead transmission line (Circuit 6720) from DPL's Indian River Substation to Millsboro Substation in Sussex County, Delaware (Project). The Project area is approximately 4.3 miles within the existing 100-foot-wide DPL right-of-way (ROW).

The Project will include the maintenance of 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged and deteriorated components of the existing infrastructure identified during DPL's annual comprehensive inspections for transmission lines. Corrective maintenance activities will include, but are not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and a singular pole relocation.

DPL is requesting a DNREC Subaqueous Lands Permit for the corrective maintenance work involving activities within tidal wetlands. This submittal includes a Permit application form and supplemental information: Adjacent Properties List, Impact Plates, Wetland Delineation Report, Avian Survey Report, Project Location Map, Agency Consultation, and Property Deed. Enclosed at the end of the application are appendix forms filled with supplemental information: Existing Utilities, Vegetative Stabilization, and Activities in State Wetlands. The Project is separately applying for authorization from USACE under NWP-57.

Please review and contact me at (667) 219-3891 or chdombeck@mccormicktaylor.com or Jonathan Bartlett at (302) 440-5222 or Jonathan.Bartlett@exeloncorp.com if you need any additional information. We thank you for your consideration.

Sincerely,

Clay Dombeck,
Environmental Scientist I
McCormick Taylor, Inc.

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Application Form

Section 1: Applicant Identification

1. Applicant's Name: Jonathan Bartlett
   Mailing Address: 401 Eagle Run Road, Newark, DE 19711
   Telephone #: (302) 440-5222
   Fax #:
   E-mail: Jonathan.Bartlett@exeloncorp.com

2. Consultant's Name: Clay Dombeck
   Mailing Address: 1501 S. Clinton Street, Suite 1150, Baltimore, MD 21224
   Company Name: McCormick Taylor
   Telephone #: (667) 219-3891
   Fax #:
   E-mail: chdombeck@mccormicktaylor.com

3. Contractor's Name:
   Mailing Address:
   Company Name:
   Telephone #:
   Fax #:
   E-mail:

Section 2: Project Description

4. Check those that apply:
☐ New Project/addition to existing project? X Repair/Replace existing structure? (If checked, must answer #16)

5. Project Purpose (attach additional sheets as necessary):
The project proposes to perform corrective maintenance on 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged and/or deteriorated components of the existing infrastructure. The corrective maintenance includes, but is not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and one pole replacement.

6. Check each Appendix that is enclosed with this application:

	A. Boat Docking Facilities		G. Bulkheads		N. Preliminary Marina Checklist
	B. Boat Ramps		H. Fill		O. Marinas
	C. Road Crossings		I. Rip-Rap Sills and Revetments		P. Stormwater Management
	D. Channel Modifications/Dams	X	J. Vegetative Stabilization		Q. Ponds and Impoundments
X	E. Utility Crossings		K. Jetties, Groins, Breakwaters		R. Maintenance Dredging
	F. Intake or Outfall Structures	X	M. Activities in State Wetlands		S. New Dredging

Section 3: Project Location

7. Project Site Address: 29416 Power Plant Road
   Dagsboro, DE 19939
   30007 John J Williams Highway,
   Millsboro, DE 19966
   County: ☐ N.C. ☐ Kent X Sussex
   Site owner name (if different from applicant):
   Address of site owner:

8. Driving Directions: From the intersection of Iron Branch Road and Power Plant Road, continue north for approximately 1.5 miles to reach the Indian River Substation. From the intersection of E State Street and Main Street, continue north for approximately 0.35 miles to reach the Millsboro Substation.
(Attach a vicinity map identifying road names and the project location)

9. Tax Parcel ID Number: 233-2.00-2.00, 234-32.00-79.00
   Subdivision Name: N/A

WSLS Use Only: **Permit #s:**
Type **SP** ☐ **SL** ☐ **SU** ☐ **WE** ☐ **WQ** ☐ **LA** ☐ **SA** ☐ **MP** ☐ **WA** ☐

Corps Permit: SPGP 18 ☐ **20** ☐ **Nationwide Permit #:** **Individual Permit #**
Received Date: **Project Scientist:**
Fee Received? Yes ☐ **No** ☐ **Amt: $** **Receipt #:**
Public Notice #: **Public Notice Dates: ON** **OFF**

Section 3: Project Location (Continued)

10. Name of waterbody at Project Location: Unnamed tributary waterbody is a tributary to: Indian River

11. Is the waterbody: X Tidal ☐ Non-tidal Waterbody width at mean low or ordinary high water 100-150 ft

12. Is the project: ☐ On public subaqueous lands? X On private subaqueous lands?*
X In State-regulated wetlands? ☐ In Federally-regulated wetlands?

*If the project is on private subaqueous lands, provide the name of the subaqueous lands owner:
Delmarva Power & Light Co. - Project Owner
(Written permission from the private subaqueous lands owner must be included with this application)

13. Present Zoning: ☐ Agricultural ☐ Residential ☐ Commercial X Industrial ☐ Other

Section 4: Miscellaneous

14. A. List the names and complete mailing addresses of the immediately adjoining property owners on all sides of the project (attach additional sheets as necessary):
See attached.

B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project (attach additional sheets as necessary):
N/A

15. Provide the names of DNREC and/or Army Corps of Engineers representatives whom you have discussed the project with:
Anthony Gonzon

A. Have you had a State Jurisdictional Determination performed on the property? ☐ Yes X No
B. Has the project been reviewed in a monthly Joint Permit Processing Meeting? ☐ Yes X No
*If yes, what was the date of the meeting? _____

16. Are there existing structures or fill at the project site in subaqueous lands? X Yes ☐ No
*If yes, provide the permit and/or lease number(s):
ROW agreement dated 1945-1948

*If no, were structures and/or fill in place prior to 1969? ☐ Yes ☐ No

17. Have you applied for or obtained a Federal permit from the Army Corps of Engineers?
☐ No X Pending ☐ Issued ☐ Denied Date: _____

Type of Permit: NWP #57 Federal Permit or ID #: _____

18. Have you applied for permits from other Sections within DNREC?
X No ☐ Pending ☐ Issued ☐ Denied Date: _____ Permit or ID #: _____

Type of permit (circle all that apply): Septic Well NPDES Storm Water

Other: _____

Section 5: Signature Page

19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf ☐

I wish to authorize an agent as indicated below ☐

I, Jonathan Bartlett, hereby designate and authorize Clay Dombeck
(Name of Applicant) (Name of Agent)
to act on my behalf in the processing of this application and to furnish any additional information requested by the Department.

Authorized Agent's Name: Clay Dombeck
Mailing Address: 1501 S Clinton Street, Suite 1150, Baltimore, MD 21224
Telephone #: (667) 219-3891
Fax #:
E-mail: chdombeck@mccormicktaylor.com

20. Agent's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Agent's Signature — Date: March 2, 2026

21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

Applicant's Signature — Date: 3/2/2026

Jonathan Bartlett
Print Name

22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Contractor's Name — Date

Print Name

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 1 – Adjacent Properties List

Owner Name:	Property Address:
LOPEZ-LOPEZ MARIA TERESA,ARQUIMIDES NAVARRETE-GONZALEZ	27508 TIGER LILY LN, DAGSBORO, DE
RENTERIA PEDRO ALANIS,YOLANDA MAGDA CORTEZ RODRIGUEZ	29318 SAINT LUKE RD, MILLSBORO, DE
PEREZ IRENEO	29330 SAINT LUKE RD, MILLSBORO, DE
SB CORDREY FARMS LLC	30423 THOROGOODS RD, DAGSBORO, DE
SOCIOS LLC	
LINGO TED CLEMENTS	350 N MORRIS ST, MILLSBORO, DE
MILLSBORO TOWN OF	102 CUPOLA ST, MILLSBORO, DE
DIAZ PATSY J	229 DODD ST, MILLSBORO, DE
LIU YULING	179 TRUITT ALY, MILLSBORO, DE
MURRAY RUTH ANN *FOR LIFE*,MURRAY ANGELA MARIE	331 N MORRIS ST, MILLSBORO, DE
WILGUS WILLIAM B	149 TRUITT ALY, MILLSBORO, DE
HOBBES CHARLES THEODORE	328 N MORRIS ST, MILLSBORO, DE
RAMPER-FOX THELMA J	101 CUPOLA ST, MILLSBORO, DE
COBO MICHAEL R	248 RIVER DR, MILLSBORO, DE
BULLOCK BONNIE IRR TR	334 N MORRIS ST, MILLSBORO, DE
PINE BRICK LLC	323 N MORRIS ST, MILLSBORO, DE
MILLSBORO FIRE COMPANY INC	
ROGERS KEITH & FELICIA ROGERS	200 DODD ST, MILLSBORO, DE
SOCIOS LLC	206 DODD ST, MILLSBORO, DE
HOBBES CHARLES THEODORE	
MORRONI DAWN M,RAYMOND D MORRONI JR	211 DODD ST, MILLSBORO, DE
AMENDT TANGY	207 DODD ST, MILLSBORO, DE
KERR MARGARET A	354 N MORRIS ST, MILLSBORO, DE
HENDERSON MARTY J	
BATTAGLINO JUSTIN	225 DODD ST, MILLSBORO, DE
DOUGHERTY THERESA J	27504 TIGER LILY LN, DAGSBORO, DE
INDIAN RIVER POWER LLC,%NRG ENERGY INC	
TURNING POINT CHURCH LLC	
MILLSBORO COMMISSIONERS OF	361 E STATE ST, MILLSBORO, DE
MILLSBORO THE TOWN OF	
JOHNSON GEORGE W & JEAN LEE	109 OLD LANDING RD, MILLSBORO, DE
JUSTICE WILLIAM J ETAL,%HAROLD JUSTICE	110 OLD LANDING RD, MILLSBORO, DE
MILLSBORO TOWN OF	
MILLSBORO TOWN OF	
ELMALI SULEYMAN	29391 WHITE ST, MILLSBORO, DE
CANNON BESSIE M FOR LIFE	29338 SAINT LUKE RD, MILLSBORO, DE
PARRAZAL LANDSCAPING LLC	29334 SAINT LUKE RD, MILLSBORO, DE
MILLSBORO TOWN OF	
JUSTICE HAROLD THOMAS	114 OLD LANDING RD, MILLSBORO, DE
WHARTON DAVID W	
HENDERSON MARTY J	210 DODD ST, MILLSBORO, DE
BURTON DARRYL E SR,MARLA J TAYLOR CLIFFORD TAYLOR	336 RIVER DR, MILLSBORO, DE
WARD RICHARD R,CAROLE A WARD	333 RIVER DR, MILLSBORO, DE

MCCABE D CLARKE II	220 DODD ST, MILLSBORO, DE
DELMARVA POWER AND LIGHT COMPANY	
SHIREY VICKI L,BYRLE R SHIREY JR	26438 JERSEY RD, MILLSBORO, DE
KRAUS LEONARD A,KAREN VIGNARE	26448 JERSEY RD, MILLSBORO, DE
MURRAY WINFORD B,BERNICE N MURRAY	
DELMARVA POWER AND LIGHT COMPANY	
DELMARVA POWER AND LIGHT COMPANY	30007 JOHN J WILLIAMS HWY, MILLSBORO, D
COASTAL FENCE COMPANY LLC	26423 JERSEY RD, MILLSBORO, DE
D'SILVA MARY J TTEE OF MJD REV TR	230 RIVER DR, MILLSBORO, DE
BRYAN ROBERT H	213 DODD ST, MILLSBORO, DE
CHURCH HOLY TRINITY OF LOVE MIRACLES,FAITH & DELIVERANCE	29346 SAINT LUKE RD, MILLSBORO, DE
DENNIS ALBERT S	29393 WHITE ST, MILLSBORO, DE
B/Z LAND LLC,% CHASBO PROPERTIES INC	
RIVER ASPHALT LLC	27725 ROBINSON WAY, DAGSBORO, DE
F W & S V THOROUGHGOOD FAMILY,LIMITED PARTNERSHIP	30540 THOROGOODS RD, DAGSBORO, DE
HARIM MILLSBORO LLC,% ALLEN HARIM FOODS LLC MS 104467	
ATLANTIC CONCRETE,COMPANY INC	30544 THOROGOODS RD, DAGSBORO, DE
HARIM MILLSBORO LLC,% ALLEN HARIM FOODS LLC MS 104467	29984 PINNACLE WAY, MILLSBORO, DE
NCR CORPORATION	
PENNSY SUPPLY INC	
SB CORDREY FARMS LLC	
WARD RICHARD R,CAROLE A WARD	
MILLSBORO CEMETERY INC	360 E STATE ST, MILLSBORO, DE
R S CORDREY FARMS LLC	
R S CORDREY FARMS LLC	
HAINES & KIBBLEHOUSE INC	
THE TOWN OF MILLSBORO	
INDIAN RIVER POWER LLC,%NRG ENERGY INC	
CONSOLIDATED RAIL CORP,PROPERTY TAX DEPT	
CONSOLIDATED RAIL CORP,PROPERTY TAX DEPT	
INDIAN RIVER POWER LLC,%NRG ENERGY INC	29416 POWER PLANT RD, DAGSBORO, DE
RENEWABLE REDEVELOPMENT LLC	
CLARK ASSOCIATES LLC,CLARK INVESTMENTS LLC	400 RIVER DR, MILLSBORO, DE

Owner Address	Parcel #
37335 DIRICKSON CREEK RD, FRANKFORD, DE	233-5.00-191.01
29318 SAINT LUKE RD, MILLSBORO, DE	133-17.00-50.00
828 E MARKET ST, GEORGETOWN, DE	133-17.00-49.00
30366 CORDREY RD, MILLSBORO, DE	233-5.00-187.01
35373 HERON RD, MILLSBORO, DE	133-17.09-32.00
350 RIVER DR, MILLSBORO, DE	133-17.09-37.00
322 WILSON HWY, MILLSBORO, DE	133-17.09-47.00
229 DODD ST, MILLSBORO, DE	133-17.14-4.00
179 TRUITT ALY, MILLSBORO, DE	133-17.09-40.00
PO BOX 284, MILLSBORO, DE	133-17.09-40.01
149 TRUITT ALLEY, MILLSBORO, DE	133-17.09-41.00
328 MORRIS STREET, MILLSBORO, DE	133-17.09-35.00
4504 N PROGRESS AVE, HARRISBURG, PA	133-17.09-39.00
248 RIVER DR, MILLSBORO, DE	133-17.14-3.01
28629 OAK AVE, MILLSBORO, DE	133-17.09-36.00
123 CHICAGO ST, DEWEY BEACH, DE	133-17.09-42.00
PO BOX 83, MILLSBORO, DE	133-17.09-30.00
24325 GRAVEL HILL RD, GEORGETOWN, DE	133-17.09-31.00
35373 HERON RD, MILLSBORO, DE	133-17.13-78.00
328 MORRIS STREET, MILLSBORO, DE	133-17.09-34.00
1719 FAWN WAY, FINKSBURG, MD	133-17.10-17.00
207 DODD ST, MILLSBORO, DE	133-17.09-33.00
13 CORTLAND DR, POUGHKEEPSIE, NY	133-17.09-38.00
210 DODD ST, MILLSBORO, DE	133-17.14-5.00
225 DODD ST, MILLSBORO, DE	133-17.14-4.01
27504 TIGER LILY LN, DAGSBORO, DE	233-5.00-191.00
804 CARNEGIE CENTER, PRINCETON, NJ	233-6.00-201.00
PO BOX 31, MILLSBORO, DE	133-17.14-26.00
PO BOX 466, MILLSBORO, DE	133-17.00-5.00
322 WILSON HWY, MILLSBORO, DE	133-17.14-28.00
109 OLD LANDING RD, MILLSBORO, DE	133-17.00-46.02
PO BOX 653, MILLSBORO, DE	133-17.14-25.00
322 WILSON HWY, MILLSBORO, DE	133-17.00-4.00
322 WILSON HWY, MILLSBORO, DE	133-17.00-2.00
PO BOX 1774, MILLSBORO, DE	133-17.00-56.00
PO BOX 511, MILLSBORO, DE	133-17.00-51.00
36036 TUCKAHOE TRAIL, DAGSBORO, DE	133-17.00-48.00
322 WILSON HWY, MILLSBORO, DE	133-17.00-3.00
PO BOX 653, MILLSBORO, DE	133-17.14-24.00
10 BLUE HERON DR, GEORGETOWN, DE	133-17.14-6.01
210 DODD ST, MILLSBORO, DE	133-17.13-77.00
339 RIVER DRIVE, MILLSBORO, DE	133-17.14-12.00
333 RIVER DR, MILLSBORO, DE	133-17.14-2.00

111 W STATE ST, MILLSBORO, DE	133-17.14-7.00
PO BOX 30846, CHARLOTTE, NC	133-17.09-46.00
814 GROSSTOWN RD, STOWE, PA	234-32.00-85.00
26448 JERSEY RD, MILLSBORO, DE	234-32.00-86.00
24955 BETHESDA RD, GEORGETOWN, DE	234-32.00-80.00
PO BOX 30846, CHARLOTTE, NC	234-32.00-78.00
PO BOX 30846, CHARLOTTE, NC	234-32.00-79.00
24917 STEVENSON RD, MILLSBORO, DE	234-32.00-81.00
230 RIVER DR, MILLSBORO, DE	133-17.10-13.00
PO BOX 547, MILLSBORO, DE	133-17.10-16.00
LOT 20 WOODSEDGE MHP, DOVER, DE	133-17.00-54.00
PO BOX 93, MILLSBORO, DE	133-17.00-55.00
PO BOX 129, MILLSBORO, DE	133-17.00-46.00
150 LAFFERTY LN, DOVER, DE	233-5.00-71.01
30771 THOROGOODS RD, DAGSBORO, DE	233-5.00-70.00
29984 PINNACLE WAY, MILLSBORO, DE	233-5.00-15.00
PO BOX 321, MILFORD, DE	233-5.00-71.00
29984 PINNACLE WAY, MILLSBORO, DE	233-5.00-14.00
3097 SATELLITE BLVD, DULUTH, GA	233-5.00-12.01
PO BOX 3331, HARRISBURG, PA	233-5.00-12.02
30366 CORDREY RD, MILLSBORO, DE	233-5.00-69.00
333 RIVER DR, MILLSBORO, DE	133-17.14-14.01
119 BANGOR LN, MILTON, DE	133-17.14-27.00
30366 CORDREY RD, MILLSBORO, DE	133-17.14-10.00
30366 CORDREY RD, MILLSBORO, DE	133-17.14-9.00
PO BOX 196, SKIPPACK, PA	233-5.00-71.02
322 WILSON HIGHWAY, MILLSBORO, DE	133-17.00-61.00
804 CARNEGIE CENTER, PRINCETON, NJ	233-5.00-192.01
NORFOLK SOUTHERN CORP TAX DEPT, ATLANTA, G	233-11.00-272.00
NORFOLK SOUTHERN CORP TAX DEPT, ATLANTA, G	233-11.00-272.00
804 CARNEGIE CTR, PRINCETON, NJ	233-2.00-2.00
401 E PRATT ST, BALTIMORE, MD	233-2.00-2.01
706 PHILLIPS HILL RD, MILLSBORO, DE	133-17.14-11.01

Delmarva Power
401 Eagle Run Rd
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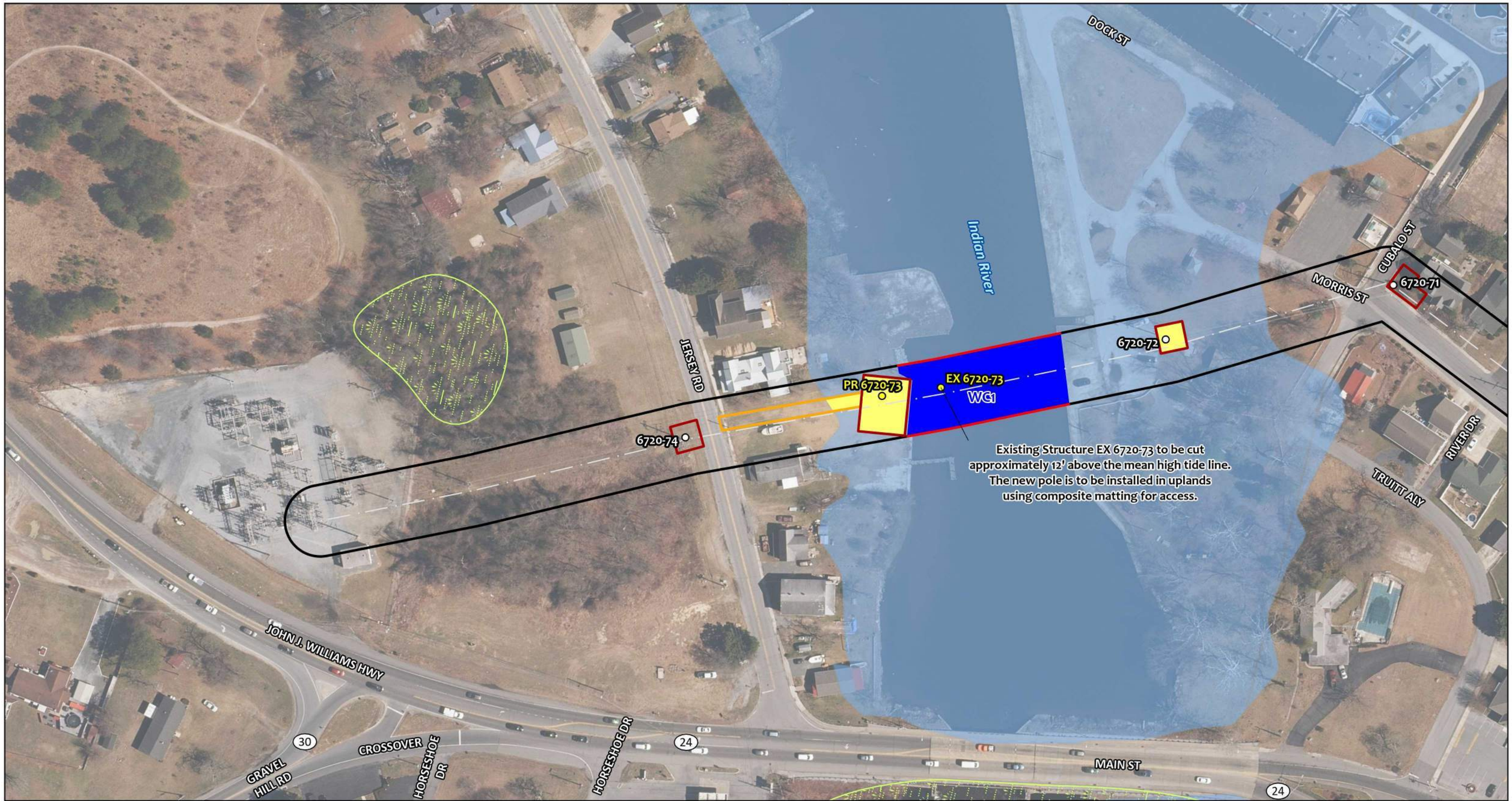
Attachment 2 – Impact Plates



- Pole
- Pole to be replaced
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Resource Extends Outside Study Area
- Delineated Watercourses
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table

Plate Number	Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
	SF	SF	SF
1	0	13	4,609

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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Sussex County, DE
February, 2026

Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area

Resource Extends Outside Study Area
Delineated Tidal Wetlands
100 Year Floodplain (1% Chance)

Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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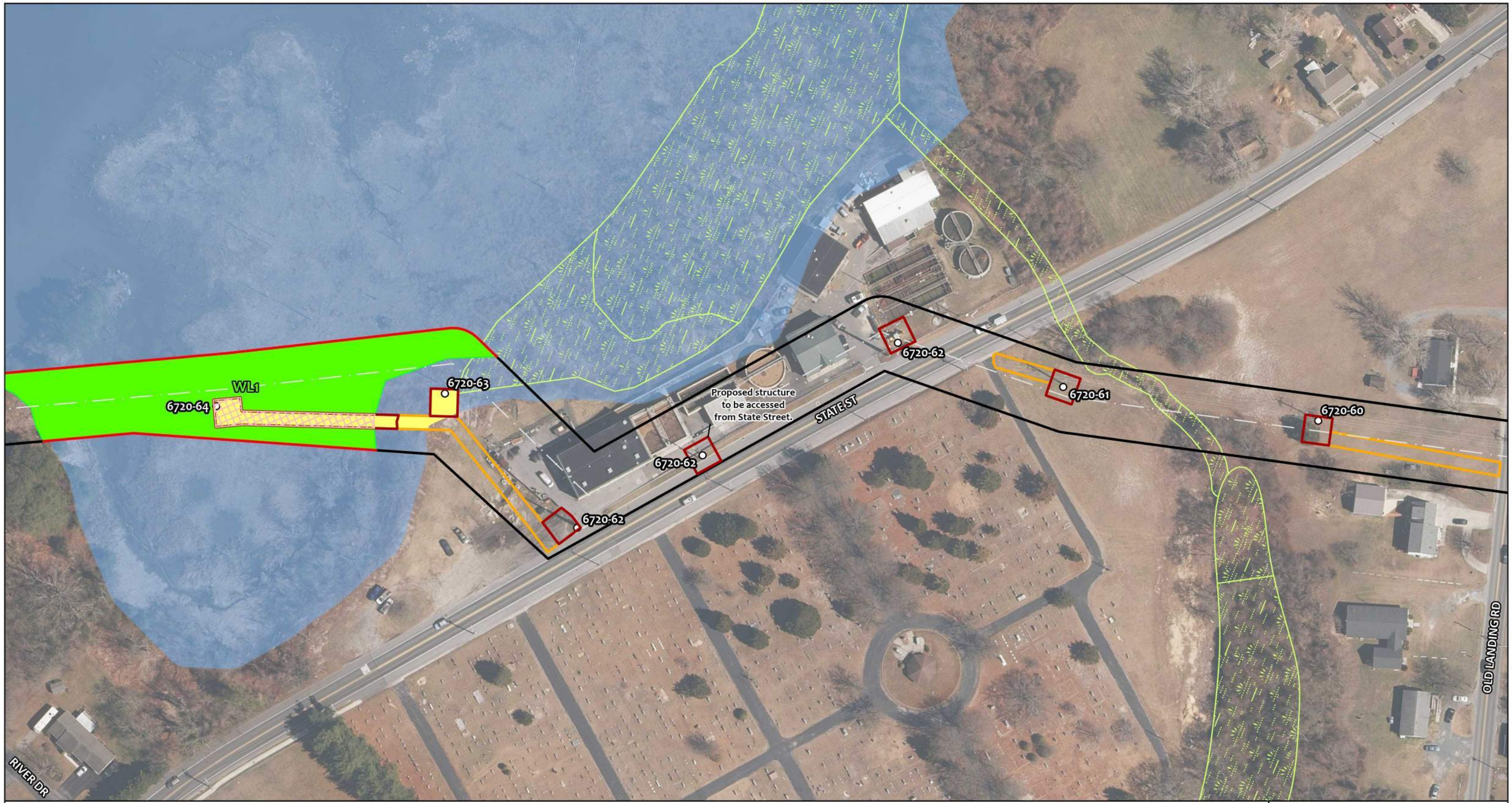
Sussex County, DE
February, 2026



- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Resource Extends Outside Study Area
- Delineated Tidal Wetlands
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Temporary Wetland Impacts
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table

Plate Number	Name		Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
			SF	SF	SF
3	WL1	PEM	3,072	0	4,964

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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Sussex County, DE
February, 2026

- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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Sussex County, DE
February, 2026

- Pole
- Centerline
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- Limits of Access
- Study Area
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table

Plate Number	Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
	SF	SF	SF
5	0	0	9,189

McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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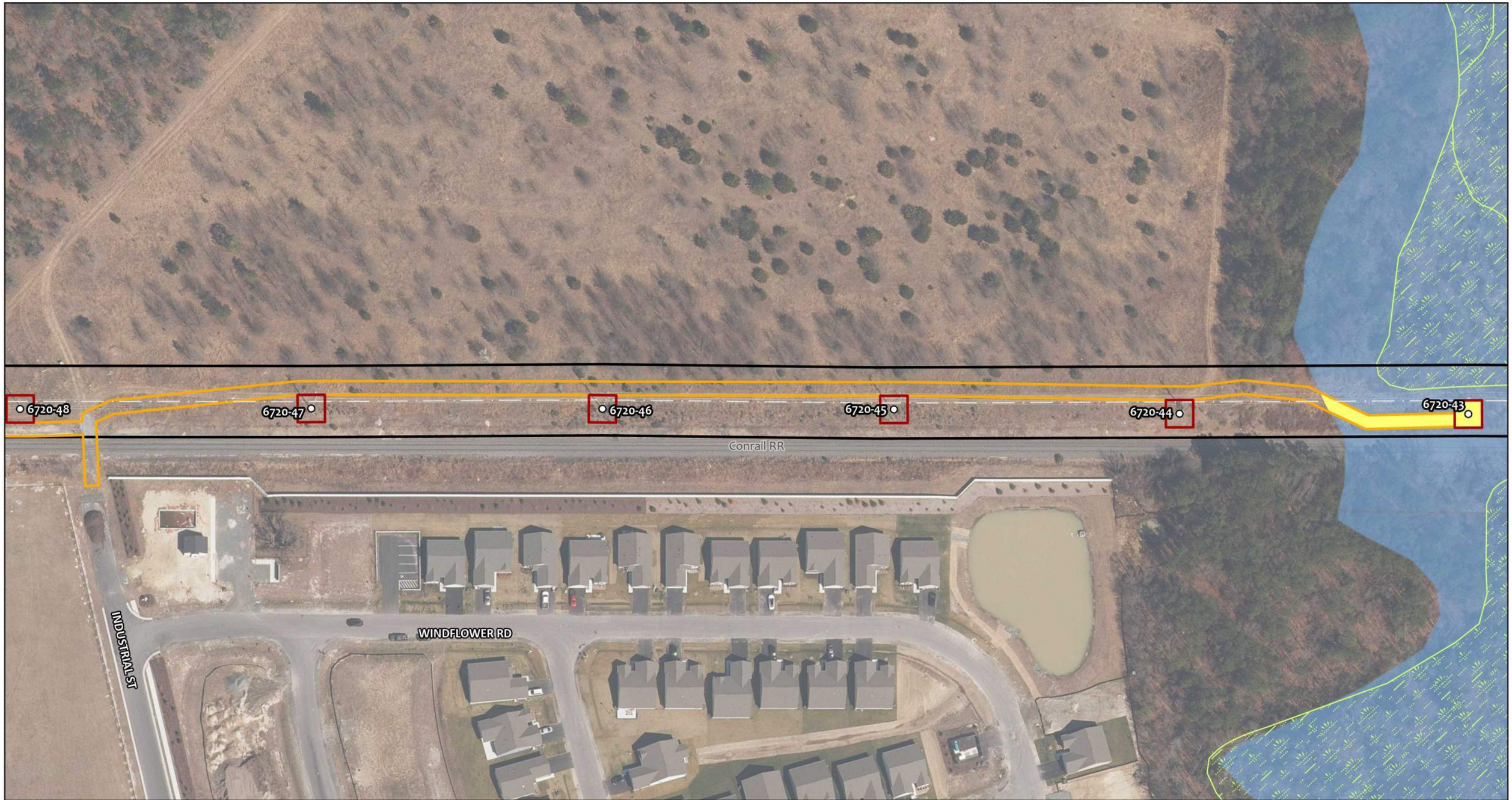
Sussex County, DE
February, 2026



- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table			
Plate Number	Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
	SF	SF	SF
6	0	0	3,117

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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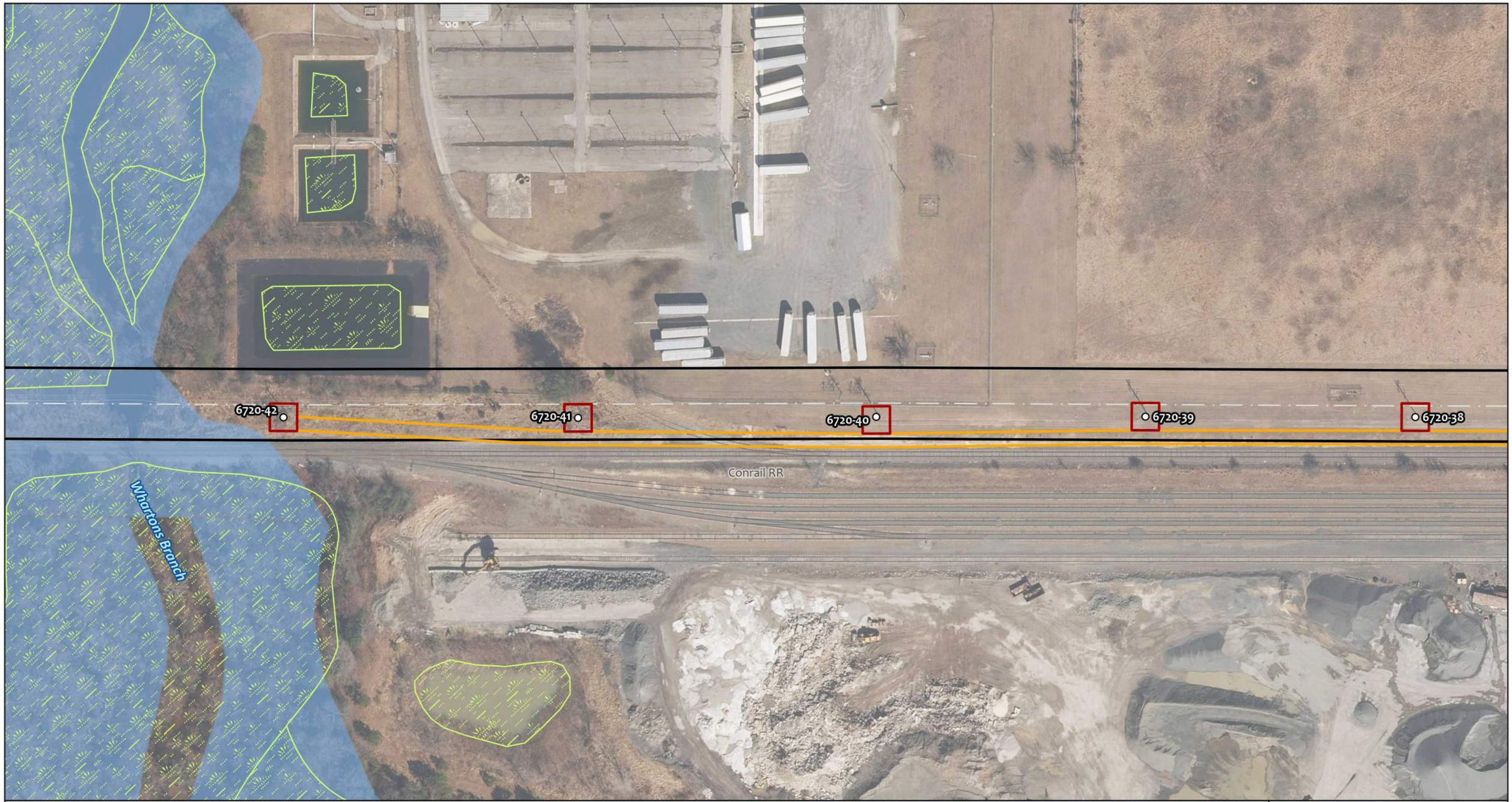
Sussex County, DE
February, 2026



Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area
Nontidal NWI Wetlands
100 Year Floodplain (1% Chance)
Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

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Sussex County, DE
February, 2026

Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area
Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

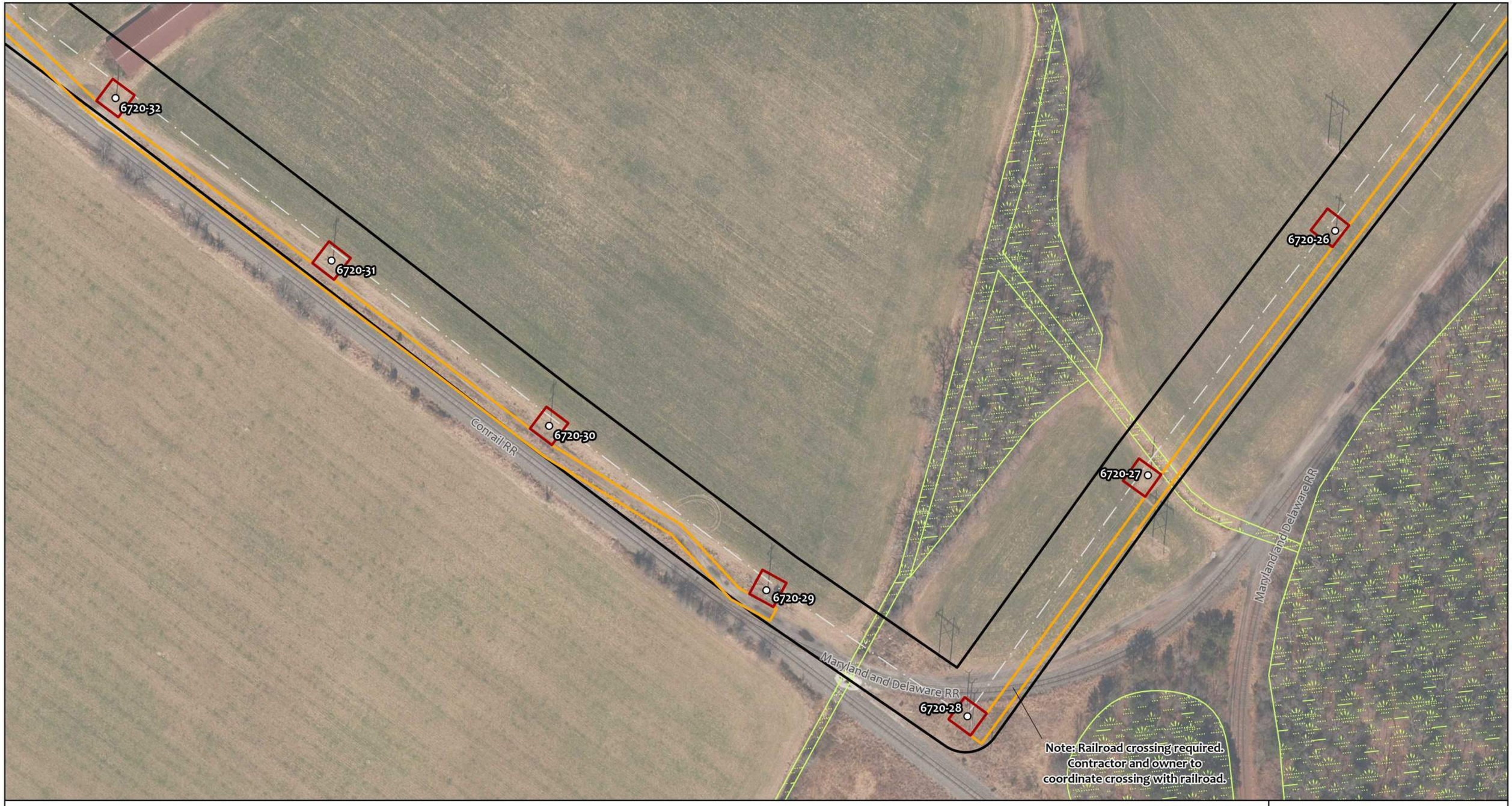
0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Page 8 of 15

Sussex County, DE
February, 2026



Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area
Nontidal NWI Wetlands
Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Sussex County, DE
February, 2026

- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Nontidal NWI Wetlands
- Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Page 10 of 15

Sussex County, DE
February, 2026

- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Sussex County, DE
February, 2026

Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area
Nontidal NWI Wetlands
Permanent Floodplain Impacts

No proposed resource impacts on this plate.

McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Sussex County, DE
February, 2026

GATE A RD

6720-11

6720-10

6720-9

6720-8

Maryland and Delaware RR

Pole
Centerline
Limits of Disturbance
Limits of Access
Study Area
Nontidal NWI Wetlands
Permanent Floodplain Impacts

No proposed resource impacts on this plate.

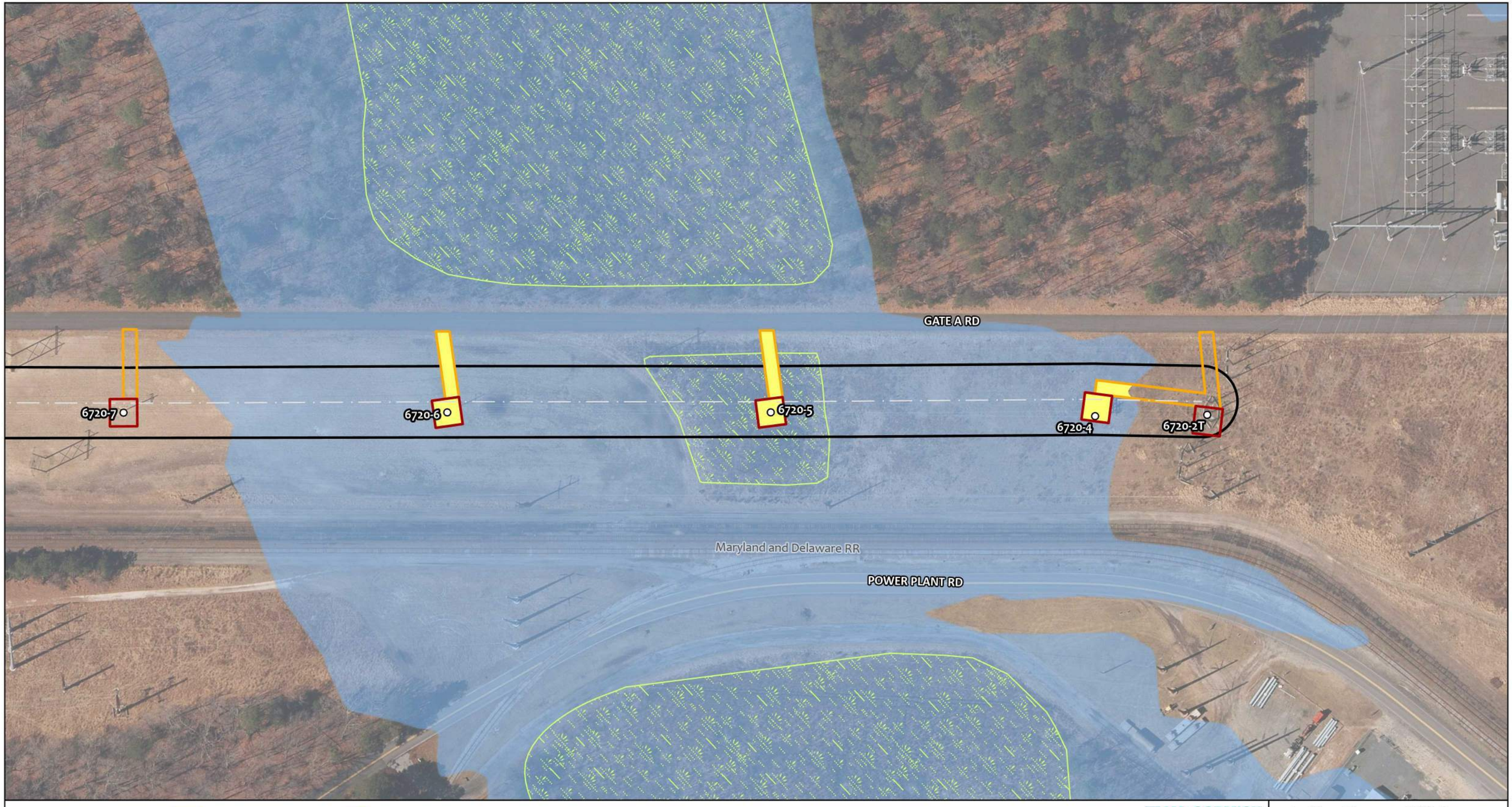
McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Sussex County, DE
February, 2026



- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Study Area
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table			
Plate Number	Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
	SF	SF	SF
14	0	0	5,496

McCORMICK TAYLOR

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Sussex County, DE
February, 2026

- Pole
- Centerline
- Limits of Disturbance
- Limits of Access
- Nontidal NWI Wetlands
- 100 Year Floodplain (1% Chance)
- Permanent Floodplain Impacts
- Temporary Floodplain Impacts

Indian River to Millsboro Impact Table

Plate Number	Temporary Wetland Impacts - Tidal	Permanent Floodplain Impacts	Temporary Floodplain Impacts
	SF	SF	SF
15	0	0	882

McCORMICK TAYLOR

N

0 50 100 Feet

Indian River to Millsboro - Circuit 6720

Wetland Impacts Map

Page 15 of 15

Sussex County, DE
February, 2026

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 3 – Wetland Delineation Report

DPL 2026 Corrective Maintenance

Circuit 6720 – Indian River to Millsboro

Wetland and Watercourse Delineation Report

Prepared for:

delmarva power
AN EXELON COMPANY

Delmarva Power
401 Eagle Run Road
P.O. Box 9239
Newark, DE 19714

Prepared by:

McCormick Taylor
1501 South Clinton Street, Suite 1150
Baltimore, Maryland 21224

February 2026

FINAL

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Appendix A – Project Location Map
Appendix B – Wetland and Watercourse Delineation Map
Appendix C – Wetland and Watercourse Data Sheets
Appendix D – Representative Photographs

1.0 Introduction

1.1 Project Overview

Delmarva Power & Light Co. (Delmarva Power) requested a wetland and watercourse delineation associated with the routine maintenance and replacement of select poles along their 69kV transmission line, Circuit 6720, running from Indian River to Millsboro Substations in Sussex County, Delaware (***Appendix A***). The study area for the delineation was limited the cleared Delmarva Power right-of-way (ROW), within approximately 50-feet of the poles proposed for maintenance, as well as any additional area required for access to the poles. The delineation of wetland and watercourse features within the study area described above was limited to only tidally influenced wetland and watercourse areas with proposed impacts. The delineated tidal features described within this report occur in the following portions of the study area:

- An approximately 820-foot section of ROW from Poles 62 to 65, running north to northwest from East State Street (38.589574, -75.284879) to River Drive (38.591277, -75.285365) in Millsboro, DE.
- An approximately 50-foot section of ROW from Poles 72 to 74, running northwest across Indian River from Dock Street (38.594299, -75.289313) to Jersey Road (38.595382, -75.289963) in Millsboro, DE.

Mapping showing an overview of the delineated portions of the study area is available in ***Appendix A***. Tidal systems without proposed impacts and nontidal wetlands and watercourses were observed to occur within and adjacent to the study area, but were not delineated and are not described in this report.

2.0 Approach to the Investigation

2.1 Desktop Data Review

Prior to the field investigation, potential wetland and watercourse areas within the study area were identified using mapping by the National Wetlands Inventory (NWI) (USFWS, 2024), Delaware Department of Natural Resources and Environmental Control (DENREC) (DENREC, 2023), Federal Emergency Management Agency (FEMA) 100-year floodplain (FEMA, 2019), and the National Hydrography Dataset (NHD) (USGS, 2025). This mapping identified one estuarine emergent wetland, three palustrine emergent wetlands, one palustrine scrub-shrub/palustrine forested wetland, and one palustrine forested/palustrine emergent wetland, five 100-year floodplains, and four watercourses (Whartons Branch, Iron Branch, unnamed tributary to Indian River, and Indian River) within the study area. Soils that occur within the Study Area are described below in Table 1 (U.S. Department of Agriculture, 2025).

Table 1: *Sussex County Soil Mapping Units and Their Attributes Within the Study Area*

Map Unit Symbol	Map Unit Name	Hydric Soil
AsA	Askecksy loamy sand, 0 to 2 percent slopes	Predominantly Hydric (66-99%)
Br	Broadkill mucky peat, very frequently flooded, tidal	Hydric (100%)
BuA	Brockatonorton-Urban land complex, 0 to 2 percent slopes	Predominantly Non-Hydric (1-32%)
EvD	Evesboro loamy sand, 5 to 15 percent slopes	Non Hydric (0%)
FhA	Fort Mott-Henlopen complex, 0 to 2 percent slopes	Non Hydric (0%)
FhB	Fort Mott-Henlopen complex, 2 to 5 percent slopes	Non Hydric (0%)
HpA	Henlopen loamy sand, 0 to 2 percent slopes	Non Hydric (0%)
HpB	Henlopen loamy sand, 2 to 5 percent slopes	Non Hydric (0%)
HuA	Hurlock loamy sand, 0 to 2 percent slopes	Predominantly Hydric (66-99%)
KsA	Klej loamy sand, 0 to 2 percent slopes	Predominantly Non-Hydric (1-32%)
LO	Longmarsh and Indiantown soils, 0 to 1 percent slopes, frequently flooded	Predominantly Hydric (66-99%)
MakAd	Manahawkin muck, 0 to 2 percent slopes, frequently flooded, Mid Atlantic Coastal Plain	Hydric (100%)
PsA	Pepperbox-Rosedale complex, 0 to 2 percent slopes	Non Hydric (0%)
RuB	Runclint loamy sand, 2 to 5 percent slopes	Predominantly Non-Hydric (1-32%)
WHe1	Herring Creek mucky silt loam, 0 to 1 meter water depth	Hydric (100%)

2.2 Detailed Onsite Investigation

McCormick Taylor, Inc. (MT) completed a wetland and watercourse delineation within the study area provided by Delmarva Power. This delineation was conducted in accordance with the *U.S. Army Corps of Engineers Wetlands Delineation Manual, Y-87-I* (USACE, 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region, Version 2.0 (USACE, 2010)*. This approach requires the positive identification of three wetland parameters during normal circumstances: hydrophytic vegetation, hydric soils, and wetland hydrology. Vegetation was identified to species and indicator status was determined using the associations given in *The National Wetland Plant List* (U.S. Army Corps of Engineers, 2022). Soil color descriptions were made using a Munsell Color chart (Munsell ® Color, 2013).

All potentially jurisdictional features in the study area with proposed impacts were delineated by a team of environmental scientists experienced in the delineation of wetlands and watercourses. If delineated jurisdictional features extend beyond the study area, these

are noted on the Wetland and Watercourse Delineation Map (***Appendix B***). The applicable wetland (WL) data sheet (Atlantic and Gulf Coastal Plain Region Data Sheet) or a Watercourse of the US (WC) Data Sheet was completed for each delineated feature (***Appendix C***). Wetland boundaries were delineated with pink survey tape and marked using a designation. Boundary point positions were located using handheld Global Navigation Satellite System (GNSS) data collectors and placed onto project base mapping. The wetland was classified using the Cowardin Classification System according to *A Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin, 1979).

3.0 Results

A field investigation of the study area was conducted on December 11, 2025 by two members of MT's staff experienced in the delineation of wetlands and watercourses. MT identified one estuarine intertidal emergent wetland (E2EM) and two subtidal watercourses within the portion of the study area where impacts to jurisdictional features are proposed (***Appendix B***). Wetland, upland, and watercourse data sheets and representative photographs are included in ***Appendix C*** and ***Appendix D***, respectively.

Wetland 1 (WL1) is an estuarine, intertidal, emergent, common reed (*Phragmites australis)* dominated, irregularly flooded, oligohaline wetland (E2EM5P6), characterized by test plot WL1-WLP1-test. Soil borings within this wetland revealed the presence of hydric soil conditions evidenced by a 4-inch layer, starting at the surface, with a matrix color of 10YR 2/2, with a significant accumulation of organic material, meeting the Organic Bodies (A6) and Depleted Below Dark Surface (A11) hydric soil indicators. Hydrology indicators include High Water Table (A2), Saturation (A3), Inundation Visible on Aerial Imagery (B7), Drainage Patterns (B10), Saturation Visible on Aerial Imagery (C9), Geomorphic Position (D2), and FAC-Neutral Test (D5). Vegetation within the wetland is dominated by common reed, meeting the rapid test for hydrophytic vegetation.

Watercourse 1 (DPL-IR-WC1) is a watercourse with a natural channel shape, originating outside of the study area. The watercourse is named Indian River. WC1 is subtidal watercourse with an unconsolidated bottom and a cobble-gravel substrate (E1UB1). WC1 has an average width of 50-feet with an unknown channel depth. Water depth is unknown. Bank erosion was minor, and the banks mostly stable throughout the study area.

Watercourse 2 (DPL-IR-WC2) is a watercourse with a manipulated channel shape (bulkhead on both banks), originating outside of the study area. The watercourse is an unnamed tributary Indian River (WC1). WC2 is subtidal watercourse with an unconsolidated bottom and a cobble-gravel substrate (E1UB1). WC1 has an average width of 175-feet with an unknown channel depth. Water depth is unknown. Bank erosion was nonexistent due to the bulkhead on both sides, and the banks were stable throughout the study area.

4.0 Conclusion

The field investigation of the portions of the study area provided by Delmarva Power where impacts are proposed to jurisdictional features identified one estuarine intertidal emergent wetland and two subtidal watercourses. Since impacts to the wetland are proposed, MT recommends coordination with the USACE and DNREC.

Additionally, on March 12, 2025, the U.S. Environmental Protection Agency (EPA) and Department of the Army announced a joint memorandum issuing guidance to field staff on implementation of "continuous surface connection" in light of the U.S. Supreme Court's (SCOTUS) May 25, 2023, decision in the case of *Sackett v. Environmental Protection Agency*. Within this memorandum, "waters of the United States (WOTUS)" are defined as "only those adjacent wetlands that have a continuous surface connection because they directly abut the [requisite jurisdictional water] (e.g., they are not separated by uplands, a berm, dike, or similar feature)," (Colosimo, 2025). On November 20, 2025, the EPA published a proposed rule for an "*Updated Definition of 'Waters of the United States'.*" The 45-day comment period for the proposed rule will close on January 5, 2026 and the date at which the final rule will take effect has not yet been specified (U.S. EPA, 2025).

While this delineation was conducted in accordance with the guidance provided in the March 12, 2025 memorandum, a notice is yet to be issued to SCOTUS regarding a conclusive definition of WOTUS. That said, interpretation of the current definition is up to the discretion of the reviewing agency.

5.0 References

Colosimo, R. S., & Best-Wong, B., Memorandum to the Field Between The U.S. Department of the Army, U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency Concerning the Proper Implementation of "Continuous Surface Connection" Under the Definition of "Waters of the United States" Under the Clean Water Act (2025). U.S. EPA. https://www.epa.gov/system/files/documents/202503/2025cscguidance.pdf

Cowardin, L.M., V. Carter, F.C. Golet, E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service. Biological Report. FWS/OBS 79/31.

Delaware Department of Natural Resources and Environmental Control (DENREC). 2023. *Delaware Wetlands V2.0* State of Delaware, Dover, D.E. https://de-firstmap-delaware.hub.arcgis.com/maps/delaware::delaware-wetlands-2-0/about

Federal Emergency Management Agency (FEMA). 2019. *Maryland Floodplain – Effective FEMA Floodplain*. Maryland Department of Natural Resources, Annapolis, M.D. https://geodata.md.gov/imap/rest/services/Hydrology/MD_Floodplain/FeatureServer/1

Munsell ® Color. 2013. *Munsell ® Soil Color Charts*. Gretag Macbeth. New Windsor, NY. 2013.

United States Geological Survey (USGS). 2025. *National Hydrography Dataset (NHD)*. United States Geological Survey, The National Map, Reston, V.A. https://hydro.nationalmap.gov/arcgis/rest/services/nhd/MapServer

U.S. Army Corps of Engineers (USACE). Environmental Laboratory. 1987. *Corps of Engineers Wetland Delineation Manual*. Technical TR-08-30. U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

U.S. Army Corps of Engineers. 2010. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region Version 2.0*, ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-30. U.S. Army Engineer Research and Development Center, Vicksburg, MS.

U.S. Army Engineer Research and Development Center. U.S. Army Corps of Engineers. 2022. *National Wetland Plant List, Version 3.5*, U.S. Army Corps of Engineers Engineer Research and Development Center Cold Regions Research and Engineering Laboratory, Hanover, N.H. http://wetland-plants.usace.army.mil/

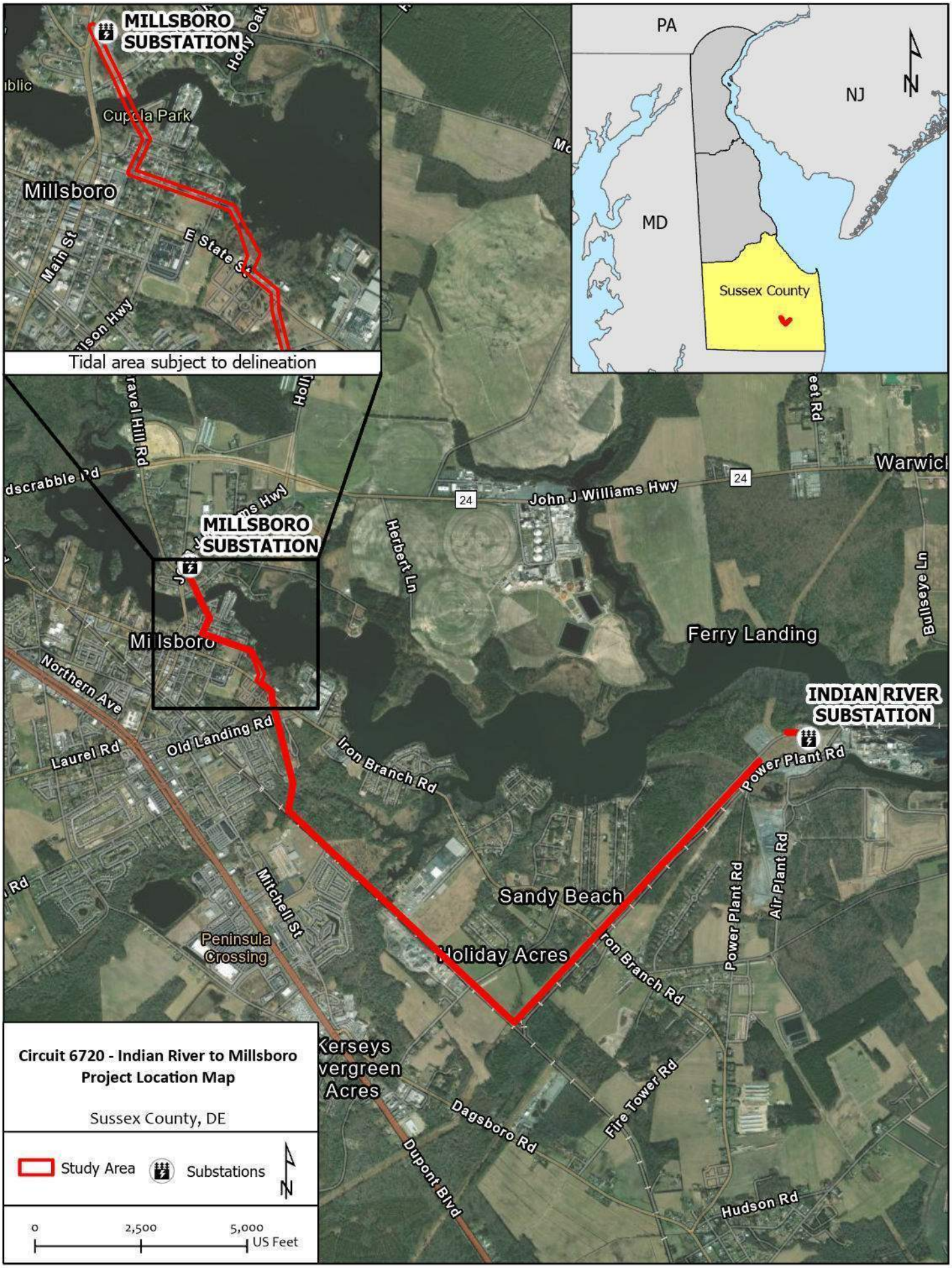
U.S. Department of Agriculture, Natural Resources Conservation Service. 2025. Soil Survey of Sussex County, Delaware. https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

U.S. Environmental Protection Agency. November 2025. *Updated definition of Waters of the United States*. https://www.epa.gov/wotus/updated-definition-waters-united-states

U.S. Fish and Wildlife Service (USFWS). 2024. *National Wetlands Inventory*. U.S. Department of the Interior, Fish and Wildlife Service, Washington D.C. https://www.fws.gov/program/national-wetlands-inventory/data-download

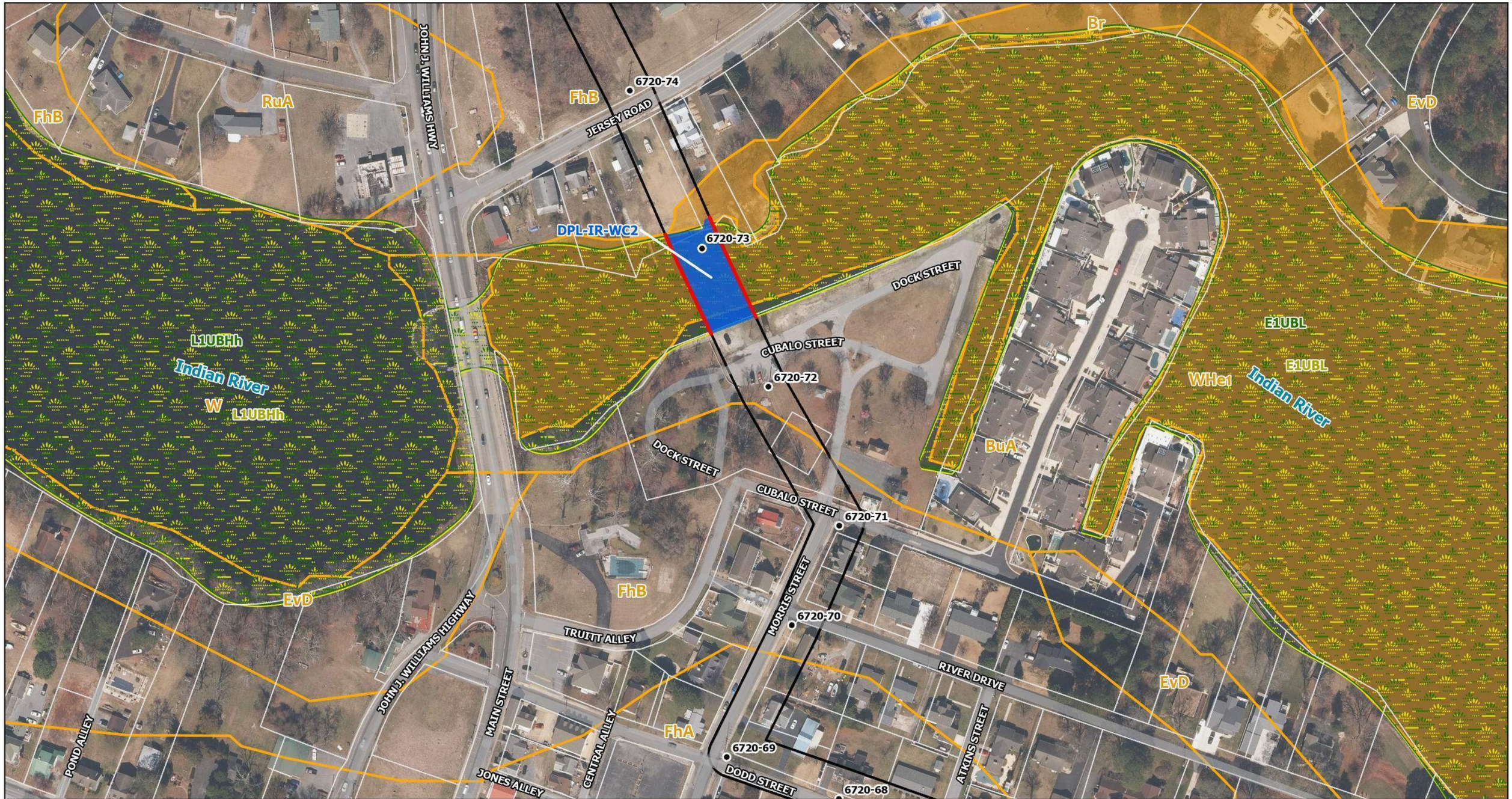
Appendix A

Project Location Map


MILLSBORO SUBSTATION
Cupola Park
Millsboro
Main St
E State St
Holly Oak
Tidal area subject to delineation
PA
NJ
MD
Sussex County
N
MILLSBORO SUBSTATION
Travel Hill Rd
John J Williams Hwy
24
Herbert Ln
Bullseye Ln
Ferry Landing
Warwick
Millsboro
Northern Ave
Laurel Rd
Old Landing Rd
Iron Branch Rd
INDIAN RIVER SUBSTATION
Power Plant Rd
Air Plant Rd
Mitchell St
Peninsula Crossing
Sandy Beach
Holiday Acres
Kerseys
Evergreen Acres
Dagsboro Rd
Fire Tower Rd
Dupont Blvd
Hudson Rd
Circuit 6720 - Indian River to Millsboro
Project Location Map
Sussex County, DE
Study Area
Substations
0
2,500
5,000
US Feet

Appendix B

Wetland and Watercourse Delineation Map



Resource Extends Beyond the Study Area
Study Area
NWI Wetlands
DNREC Wetlands
Parcel Boundaries
Structures

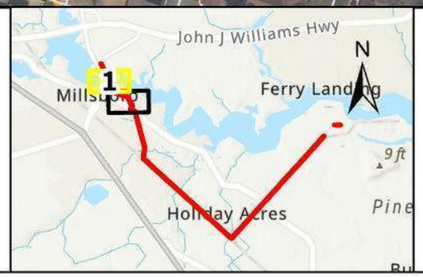
Soils
Non Hydric (0%) or Predominantly Non Hydric (1 - 32%)
Partially Hydric (33 - 65%), Predominantly Hydric (66 - 99%), or Hydric (100%)

Delineated Watercourse
E1UBL

Mapping has been limited to portions of the study area where delineated features are present. The wetland and watercourse delineation was restricted to tidal features where impacts are proposed.

N

0 100 200 US Feet



Circuit 6720 - Indian River to Millsboro Project

Wetland and Watercourse Delineation Map

Sussex County, DE

6720-68
6720-67
6720-66
6720-65
6720-64
6720-63
6720-62
RIVER DRIVE
DODD STREET
ATKINS STREET
STATE STREET
CHURCH STREET
WILSON HIGHWAY
BuA
FhA
FhB
EvD
Br
AsA
PSS1R
PSS1R
PFO1R
PFO1R
R4SBC
R4SBC
E2EM5P6
E2EM5P6
Indian River
E1UBL
WHe1
E1UBL
DPL-IR-WL1
DPL-IR-WC1
DPL-IR-WL1-Test
DPL-IR-WL1
DPL-IR-WL1-UPL
Unaccessible area, edge inferred from NWI and DNREC Wetland datasets.
Unaccessible area, edge inferred from NWI and DNREC Wetland datasets.

Resource Extends Beyond the Study Area
Study Area
NWI Wetlands
DNREC Wetlands
Parcel Boundaries
Structures

Soils
Non Hydric (0%) or Predominantly Non Hydric (1 - 32%)
Partially Hydric (33 - 65%), Predominantly Hydric (66 - 99%), or Hydric (100%)

Upland Test Plot
Wetland Test Plot

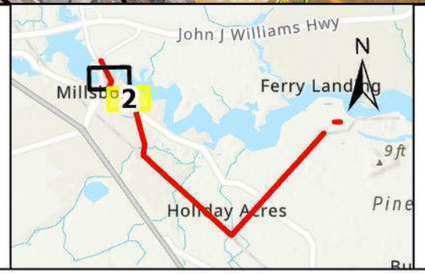
Delineated Wetland
E2EM5

Delineated Watercourse
E1UBL

Mapping has been limited to portions of the study area where delineated features are present. The wetland and watercourse delineation was restricted to tidal features where impacts are proposed.

N

0 100 200 US Feet



Circuit 6720 - Indian River to Millsboro Project

Wetland and Watercourse Delineation Map

Sussex County, DE

Appendix C

Wetland and Watercourse Data Sheets

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: Indian River to Millsboro City/County: Millsboro, Sussex Sampling Date: 12/11/2025

Applicant/Owner: Delmarva Power & Light State: DE Sampling Point: WL1 - WLP 1

Investigator(s): Tim McGuire, Benjamin Pollock Section, Township, Range: N/A

Landform (hillslope, terrace, etc.): flats, knolls, fluviomarine terraces Local relief (concave, convex, none): convex Slope (%): 2-5

Subregion (LRR or MLRA): LRR T/153D Lat: 38.590062 Long: -75.284807 Datum: NAD83

Soil Map Unit Name: Fort Mott-Henlopen complex, 2 to 5 percent slopes (FhB) NWI classification: E2EM5P6

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No ✔ (If no, explain in Remarks.)

Are Vegetation ____, Soil ✔, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No ____	**Is the Sampled Area within a Wetland?** **Yes ✔** **No ____**
Hydric Soil Present?	Yes ✔	No ____	
Wetland Hydrology Present?	Yes ✔	No ____	

Remarks:
E2EM5P6 wetland observed. Tidally influenced by WC1 (unnamed tributary to Indian River).

*Soil significantly disturbed by gravel and fill material. Drought conditions per Antecedent Precipitation Tool Score of 9.

BPJ Functions/Values: Groundwater recharge/discharge, floodflow alteration, wildlife habitat, and sediment/toxicant/pathogen retention.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ✔ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ✔ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15) **(LRR U)**
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ✔ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ✔ Saturation Visible on Aerial Imagery (C9)
- ✔ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ✔ FAC-Neutral Test (D5)
- ___ Sphagnum moss (D8) **(LRR T, U)**

Field Observations:

Surface Water Present? Yes ____ No ✔ Depth (inches): ____

Water Table Present? Yes ✔ No ____ Depth (inches): See remarks*

Saturation Present? (includes capillary fringe) Yes ✔ No ____ Depth (inches): 4"

Wetland Hydrology Present? **Yes ✔** **No ____**

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
*Water table tidally influenced and variable, but present at surface during high tide.

VEGETATION (Five Strata) – Use scientific names of plants.

Sampling Point: WL1 - WLP 1

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
6.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		
Sapling Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
6.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		
Shrub Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
6.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 30'r)			
1. Phragmites australis	100	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100 = Total Cover		
50% of total cover: 50	20% of total cover: 20		
Woody Vine Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species 1	x 2 = 2
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: 1 (A)	2 (B)

Prevalence Index = B/A = 2

Hydrophytic Vegetation Indicators:

- ☑ 1 - Rapid Test for Hydrophytic Vegetation
- ☑ 2 - Dominance Test is >50%
- ☑ 3 - Prevalence Index is ≤3.0[1]
- ☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Five Vegetation Strata:

Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vine – All woody vines, regardless of height.

Hydrophytic Vegetation Present? Yes ☑ No ☐

Remarks: (If observed, list morphological adaptations below).

SOIL

Sampling Point: WL1 - WLP 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10 YR 2/2	100					Muck	Organic matter
4-12	10 YR 4/1	98	10 YR 3/6	2	C	PL	Muck	Saturated at 4"

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ✔ Organic Bodies (A6) **(LRR P, T, U)**
- ___ 5 cm Mucky Mineral (A7) **(LRR P, T, U)**
- ___ Muck Presence (A8) **(LRR U)**
- ___ 1 cm Muck (A9) **(LRR P, T)**
- ✔ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Coast Prairie Redox (A16) **(MLRA 150A)**
- ___ Sandy Mucky Mineral (S1) **(LRR O, S)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR P, S, T, U)**
- ___ Polyvalue Below Surface (S8) **(LRR S, T, U)**
- ___ Thin Dark Surface (S9) **(LRR S, T, U)**
- ___ Loamy Mucky Mineral (F1) **(LRR O)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) **(LRR U)**
- ___ Depleted Ochric (F11) **(MLRA 151)**
- ___ Iron-Manganese Masses (F12) **(LRR O, P, T)**
- ___ Umbric Surface (F13) **(LRR P, T, U)**
- ___ Delta Ochric (F17) **(MLRA 151)**
- ___ Reduced Vertic (F18) **(MLRA 150A, 150B)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149A)**
- ___ Anomalous Bright Loamy Soils (F20) **(MLRA 149A, 153C, 153D)**

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR O)**
- ___ 2 cm Muck (A10) **(LRR S)**
- ___ Reduced Vertic (F18) **(outside MLRA 150A,B)**
- ___ Piedmont Floodplain Soils (F19) **(LRR P, S, T)**
- ___ Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ☑ **No** ☐

Remarks:

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: Indian River to Millsboro City/County: Millsboro, Sussex Sampling Date: 12/11/2025

Applicant/Owner: Delmarva Power & Light State: DE Sampling Point: WL 1- UPL 1

Investigator(s): Tim McGuire, Benjamin Pollock Section, Township, Range: N/A

Landform (hillslope, terrace, etc.): flats, knolls, fluviomarine terraces Local relief (concave, convex, none): convex Slope (%): 2-5

Subregion (LRR or MLRA): LRR T/153D Lat: 38.590062 Long: -75.284807 Datum: NAD83

Soil Map Unit Name: Fort Mott-Henlopen complex, 2 to 5 percent slopes (FhB) NWI classification: Upland

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ✔, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No ✔	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** ✔
Hydric Soil Present?	Yes ____	No ✔	
Wetland Hydrology Present?	Yes ____	No ✔	

Remarks:

Plot taken in upland area adjacent to WL1 (E2EM).

*Soil significantly disturbed by gravel and fill material. Drought conditions per Antecedent Precipitation Tool Score of 9.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15) **(LRR U)**
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Sphagnum moss (D8) **(LRR T, U)**

Field Observations:

Surface Water Present?	Yes ____	No ✔	Depth (inches): ____
Water Table Present?	Yes ____	No ✔	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No ✔	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Five Strata) – Use scientific names of plants.

Sampling Point: WL 1- UPL 1

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
6.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		
Sapling Stratum (Plot size: 30'r)			
1. Juniperus virginiana	5	No	FAC
2.			
3.			
4.			
5.			
6.			
	5 = Total Cover		
50% of total cover: 2.5	20% of total cover: 1		
Shrub Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
6.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 30'r)			
1. Reynoutria japonica	10	No	UPL
2. Allium canadense	10	No	FACU
3. Glechoma hederacea	10	No	FACU
4. Verbascum thapsus	10	No	FACU
5. Geranium carolinianum	10	No	NI
6. Plantago major	10	No	FAC
7. Cynodon dactylon	60	Yes	FACU
8.			
9.			
10.			
11.			
	120 = Total Cover		
50% of total cover: 60	20% of total cover: 24		
Woody Vine Stratum (Plot size: 30'r)			
1. None.			
2.			
3.			
4.			
5.			
	0 = Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species	0	x 2 =	0
FAC species	1	x 3 =	3
FACU species	5	x 4 =	20
UPL species	1	x 5 =	5
Column Totals:	7 (A)		28 (B)

Prevalence Index = B/A = 4

Hydrophytic Vegetation Indicators:

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☐ 2 - Dominance Test is >50%
- ☐ 3 - Prevalence Index is ≤3.0[1]
- ☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Five Vegetation Strata:

Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vine – All woody vines, regardless of height.

Hydrophytic Vegetation Present? Yes ☐ No ☑

Remarks: (If observed, list morphological adaptations below).

SOIL

Sampling Point: WL 1- UPL 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10 YR 3/2	100					sand	with gravel/fill material.
3-10	10 YR 5/3	100					sand	with gravel/fill material.

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Organic Bodies (A6) **(LRR P, T, U)**
- ___ 5 cm Mucky Mineral (A7) **(LRR P, T, U)**
- ___ Muck Presence (A8) **(LRR U)**
- ___ 1 cm Muck (A9) **(LRR P, T)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Coast Prairie Redox (A16) **(MLRA 150A)**
- ___ Sandy Mucky Mineral (S1) **(LRR O, S)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR P, S, T, U)**
- ___ Polyvalue Below Surface (S8) **(LRR S, T, U)**
- ___ Thin Dark Surface (S9) **(LRR S, T, U)**
- ___ Loamy Mucky Mineral (F1) **(LRR O)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) **(LRR U)**
- ___ Depleted Ochric (F11) **(MLRA 151)**
- ___ Iron-Manganese Masses (F12) **(LRR O, P, T)**
- ___ Umbric Surface (F13) **(LRR P, T, U)**
- ___ Delta Ochric (F17) **(MLRA 151)**
- ___ Reduced Vertic (F18) **(MLRA 150A, 150B)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149A)**
- ___ Anomalous Bright Loamy Soils (F20) **(MLRA 149A, 153C, 153D)**

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR O)**
- ___ 2 cm Muck (A10) **(LRR S)**
- ___ Reduced Vertic (F18) **(outside MLRA 150A,B)**
- ___ Piedmont Floodplain Soils (F19) **(LRR P, S, T)**
- ___ Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ☐ **No** ☑

Remarks:

WATERCOURSE DATA SHEET

Project:	DPL Indian River to Millsboro		Feature ID: DPL-IR-WC1	Cowardin:	E1UBL
Date:	12/11/2025	State: DE	Photos:	On webmap	
Crew:	TM, BP	County: Sussex	Last Flag Number:	N/A	

Feature Hydrologic Class (check one):

Tidal	Perennial	Intermittent (SNE)	Ephemeral (SNE)
✔ TNW (Subject to ebb and flow)	☐ TNW – Perennial (Flowing year round)	☐ RPW – Seasonal (must flow at least 3 months a year)	☐ Non-RPW draining uplands (*not jurisdictional*)
	☐ RPW – Perennial (Flowing year round)		☐ Non-RPW erosional feature (*not jurisdictional*)
			☐ Non-RPW with abutting wetland
			☐ Non-RPW with adjacent wetland
Describe rational for hydrologic class (and nearest stream): Unnamed tributary to Indian River (WC2); tidal. WL1 abuts.			☐ Non-RPW wetland adjacent or abutting upstream (outside of study area)

Feature Description (check all that apply):

Shape (with respect to top of bank)			Substrate						Vegetation
✔	Natural Channel Shape	Channel Width and Depth: ~50ft width/unknown depth	☐	Silts	✔	Sands	☐	Other:	RB (& width): >50ft Phrag. (WL1)
☐	Artificial (man-made)	Water Depth: unknown	☐	Cobbles	✔	Gravel			
☐	Manipulated (man-altered)	Bank Erosion/stability: minor/mostly stable	☐	Bedrock	☐	Muck			LB (& width): >50ft Phrag. (WL1)
Notes									

Weather/Precipitation Conditions (check all that apply):

During Field Visit		Recent Rains (w/in one week)		Monthly Drought Conditions USACE Antecedent Precipitation Score		
				Drier than Normal (APT score < 10)	Normal Conditions (10≤ APT score < 15)	Wetter than Normal (15 ≤ APT score)
✔	No Rain	✔	0-0.5 inches			
☐	Light Rain	☐	0.5-1 inches	✔		
☐	Heavy Rain	☐	>1 inch			

Non-tidal tributary has (check all that apply):

Bed and Banks			
☐	Yes	☐	No

Ordinary High Water Mark			
☐	Clear, natural line impressed on the bank	☐	Sediment deposition
☐	Changes in the character of soil	☐	Water staining
☐	Shelving	☐	Presence of litter and debris
☐	Vegetation matted down, bent, or absent	☐	Destruction of terrestrial veg.
☐	Leaf litter disturbed	☐	Presence of wrack line
☐	Sediment sorting	☐	Scour
☐	Observed/predicted flow events	☐	Abrupt change in plant community
☐	Other:		

Tidal tributary has (check all that apply):

High Tide Line		Mean High Water Mark indicated by:		Chemical Characteristics	
☐	Oil or scum line along shore objects	☐	Survey to available datum	✔	Water is clear
☐	Fine shell or debris deposits (foreshore)	☐	Physical markings	☐	Water is discolored
✔	Physical markings or characteristics	✔	Vegetation lines/changes in types	☐	Oily film
☐	Tidal gauges			☐	Other:
Notes:					

Additional Notes *(Riffle pools, rootwads, woody debris, aquatic life, etc.)*:

WATERCOURSE DATA SHEET

Project:	DPL Indian River to Millsboro		Feature ID: DPL-IR-WC2	Cowardin:	E1UBL
Date:	12/11/2025	State: DE	Photos:	On webmap	
Crew:	TM, BP	County: Sussex	Last Flag Number:	N/A	

Feature Hydrologic Class (check one):

Tidal	Perennial	Intermittent (SNE)	Ephemeral (SNE)
✔ TNW (Subject to ebb and flow)	☐ TNW – Perennial (Flowing year round)	☐ RPW – Seasonal (must flow at least 3 months a year)	☐ Non-RPW draining uplands (*not jurisdictional*)
	☐ RPW – Perennial (Flowing year round)		☐ Non-RPW erosional feature (*not jurisdictional*)
			☐ Non-RPW with abutting wetland
			☐ Non-RPW with adjacent wetland
Describe rational for hydrologic class (and nearest stream): Indian River; tidal.			☐ Non-RPW wetland adjacent or abutting upstream (outside of study area)

Feature Description (check all that apply):

Shape (with respect to top of bank)		Substrate				Vegetation
☐ Natural Channel Shape	Channel Width and Depth: 175-feet x Unknown	☐ Silts	☐ Sands	✔ Other:		RB (& width): Bulkhead then parking lot/boat llaunch
☐ Artificial (man-made)	Water Depth: Unknown	☐ Cobbles	☐ Gravel			LB (& width): Bulkhead then maintained residential lawn
✔ Manipulated (man-altered)	Bank Erosion/stability: none/stable	☐ Bedrock	☐ Muck			
Notes Bulkheaded on both sides, substrate unknown.						

Weather/Precipitation Conditions (check all that apply):

During Field Visit		Recent Rains (w/in one week)		Monthly Drought Conditions USACE Antecedent Precipitation Score		
				Drier than Normal (APT score < 10)	Normal Conditions (10≤ APT score < 15)	Wetter than Normal (15 ≤ APT score)
✔	No Rain	✔	0-0.5 inches			
☐	Light Rain	☐	0.5-1 inches	✔		
☐	Heavy Rain	☐	>1 inch			

Non-tidal tributary has (check all that apply):

Bed and Banks			
☐	Yes	☐	No

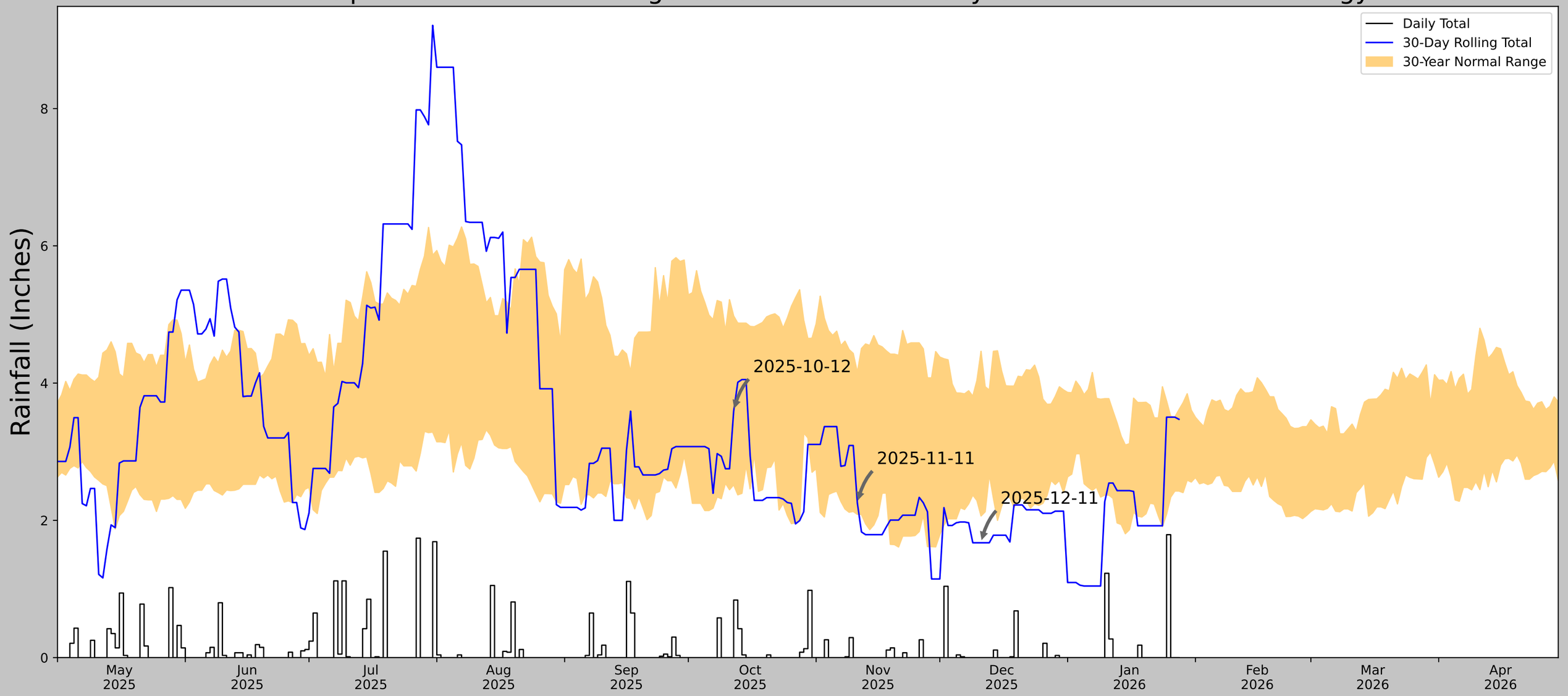
Ordinary High Water Mark			
☐	Clear, natural line impressed on the bank	☐	Sediment deposition
☐	Changes in the character of soil	☐	Water staining
☐	Shelving	☐	Presence of litter and debris
☐	Vegetation matted down, bent, or absent	☐	Destruction of terrestrial veg.
☐	Leaf litter disturbed	☐	Presence of wrack line
☐	Sediment sorting	☐	Scour
☐	Observed/predicted flow events	☐	Abrupt change in plant community
☐	Other:		

Tidal tributary has (check all that apply):

High Tide Line		Mean High Water Mark indicated by:		Chemical Characteristics	
☐	Oil or scum line along shore objects	☐	Survey to available datum	✔	Water is clear
☐	Fine shell or debris deposits (foreshore)	☐	Physical markings	☐	Water is discolored
☐	Physical markings or characteristics	☐	Vegetation lines/changes in types	☐	Oily film
☐	Tidal gauges			☐	Other:
Notes: Bulkheaded on both banks within project corridor					

Additional Notes *(Riffle pools, rootwads, woody debris, aquatic life, etc.)*:

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	38.59405, -75.28842
Observation Date	2025-12-11
Elevation (ft)	4.58
Drought Index (PDSI)	Severe drought
WebWIMP H_2O Balance	Wet Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2025-12-11	2.06378	4.462992	1.673228	Dry	1	3	3
2025-11-11	2.087008	4.155118	2.251969	Normal	2	2	4
2025-10-12	2.51811	4.978347	3.590551	Normal	2	1	2
Result							Drier than Normal - 9

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

US Army Corps of Engineers.
ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
GEORGETOWN-DELAWARE COASTAL AP	38.6897, -75.3625	49.869	7.724	45.289	3.826	10177	90
GEORGETOWN 5 SW	38.6333, -75.45	44.948	6.121	4.921	2.785	973	0
GEORGETOWN 5.8 W	38.6972, -75.4931	35.105	7.062	14.764	3.282	1	0
LEWES	38.7842, -75.1581	9.843	12.806	40.026	6.275	202	0

Appendix D

Representative Photographs

WL1-WLP1: E2EM5P6 wetland facing northeast.

WL1-WLP1: E2EM5P6 wetland facing southeast.

WL1-UPL1: Upland area facing northeast.

DPL-IR-WC1: Facing northwest showing the E1UBL watercourse.

DPL-IR-WC2: Facing northwest showing the E1UBL watercourse and the bulkhead near Pole 72.

DPL-IR-WC2: Facing southeast showing the E1UBL watercourse and the bulkhead near Pole 73.

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 4 – Avian Survey Report

McCORMICK TAYLOR

MEMORANDUM

DATE: February 3, 2026

SUBJECT: Circuit 6720 Indian River to Millsboro 69kV Transmission Maintenance Avian Survey

INTRODUCTION

To document baseline status in preparation for maintenance activities planned for Spring 2026, Delmarva Power and Light Company (DPL) requested an avian nest survey along the 4.5-mile Circuit 6720 Indian River to Millsboro 69kV Transmission Line corridor. On January 19 and 22, 2026, McCormick Taylor (MT) staff conducted the avian nest survey. The study area for the survey was defined as all structures within and adjacent to the project corridor, as well as suitable perching and nesting locations beyond the corridor, within a range of applicable nest buffers, out to 1,000 feet, where visible and accessible without intruding on private property. A location map showing the study area is available in **Attachment A** of this memorandum.

METHODS

This nest survey followed the protocol outlined within DPL's *Nest Survey Protocol* (EN-PH-000006-1). The avian survey was conducted by traveling the study area by foot and vehicle and visually surveying the entire study area. When visible from within the study area, forested habitat was also included in the survey. Visual scanning of the study area and surrounding areas was facilitated by utilizing binoculars and spotting scope. A web-based, real-time, geo-referenced locational software (Field Maps), operated on a mobile device, was available for the documentation of any nests observed.

Nest Survey Forms (EN-PH-000006-2) were available for recording characteristics for any nests identified during the survey. These data include nest location, nest species (if possible), nest status (active, inactive, or unknown), nest substrate, evidence of occupation and nest condition, vegetation/structure type, and GPS coordinates (**Attachment B**).

RESULTS

During the avian survey along the Indian River to Millsboro Project study area, five stick nests were identified within the 1,000-foot right-of-way buffer (**Attachment C**).

Raptor Nest 1 (RN1): A small stick nest in poor condition was observed in a blackgum tree on the western side of the ROW, approximately 107 feet from proposed work. No activity was observed at or in the vicinity of the nest. The size and composition of the nest are consistent with those typically associated with use by an accipiter or corvid. This nest is considered to be inactive.

Raptor Nest 2 (RN2): A small stick nest in poor condition was observed in a maple tree along the western side of the ROW, northwest of Gate A Rd., approximately 140 feet from proposed work.

The size and composition of the nest are consistent with those typically associated with use by an accipiter or corvid. This nest is considered to be inactive.

Raptor Nest 3 (RN3): A small stick nest in poor condition was observed on a pine tree, southwest of Tiger Lily Ln., approximately 101 feet from proposed work. The size and composition of the nest are consistent with those typically associated with use by an accipiter or corvid. This nest is considered to be inactive.

Raptor Nest 4 (RN4): A stick nest in good condition was observed on a light pole in the Allen Harim Corporate Headquarters parking lot, northwest of Panicle Way, approximately 354 feet from proposed work. No activity was observed at or in the vicinity of the nest. The size and composition of the nest are consistent with those typically associated with by an osprey. This nest is considered to be inactive.

Raptor Nest 5 (RN5): A small stick nest in poor condition was observed in a cherry tree on the north side of the ROW, north of Windflower Dr., approximately 38 feet from proposed work. No activity was observed at or in the vicinity of the nest. The size and composition of the nest are consistent with those typically associated with by an accipiter or corvid. This nest is considered to be inactive.

Additional details are included below within *Table 1 – Summary of January 2026 Avian Nest Survey Results* and the Avian Nest Survey Forms in **Attachment B** of this memorandum.

Table 1 - Summary of January 2026 Raptor Nest Survey Results

Nest ID	Date Observed	Species	Latitude	Longitude	Structure	Current Nest Status	Distance to ROW (ft.)*
DPL-IRM-2026-RN1	01/19/2026	Unknown**	38.584195	-75.244354	Tree	Inactive	107
DPL-IRM-2026-RN2	01/19/2026	Unknown**	38.576788	-75.253402	Tree	Inactive	140
DPL-IRM-2026-RN3	01/19/2026	Unknown**	38.572348	-75.258516	Tree	Inactive	101
DPL-IRM-2026-RN4	01/19/2026	Unknown***	38.575623	-75.272949	Urban Structure	Inactive	354
DPL-IRM-2026-RN5	01/22/2026	Unknown**	38.578640	-75.278659	Tree	Inactive	38

**Calculated from nest location to ROW edge.*
*** Nest size and composition consistent with an accipiter or corvid..*
**** Nest size and composition consistent with an osprey.*

DISCUSSION

The avian survey conducted on January 19 and 22, 2026, resulted in the identification of five inactive nests within 1,000 feet of the proposed work. Four of the inactive nests were found in trees along the project ROW, within sufficient proximity (>300ft) to warrant additional consideration if they become active. While these nests were inactive, their size and composition are not consistent with those utilized by bald eagles (*Haliaeetus leucocephalus).* The remaining nest is likely associated with an osprey (*Pandion haliaetus)* and does not occur within sufficient proximity of proposed work to warrant additional consideration. Due to the project's anticipated start in spring 2026, the survey was conducted outside of the optimal survey window of mid-April to June.

Additional observations included numerous turkey vultures (*Cathartes aura)*, black vultures (*Coragyps atrtus)*, and American kestrel *(Falco sparverius)* flying over the project corridor and perched on the transmission line and in trees along the corridor.

American kestrel perched on a transmission line adjacent to Structure 32.

Additional surveys may be recommended along the project corridor closer to initiation of construction activities, if activities are expected to occur during nesting season, to determine any new activity that may develop. The breeding season for osprey, hawks, and owls in the region is March 1st through September 30th. Restrictions on DPL activities within 300-feet of active nests during this period may be anticipated.

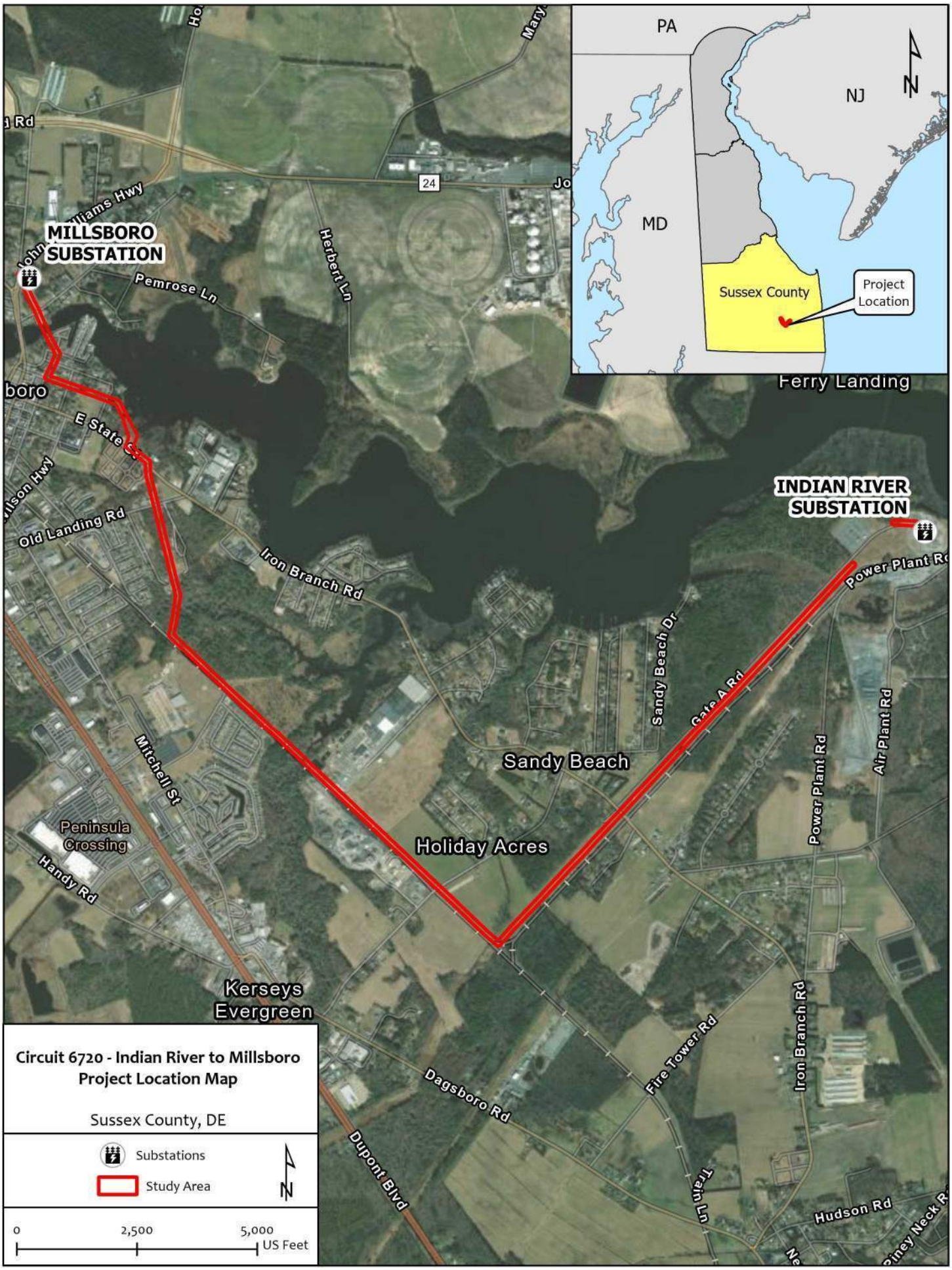
ATTACHMENTS

Attachment A – Project Location Map
Attachment B – Nest Survey Forms
Attachment C – Nest Location Map

McCORMICK TAYLOR

Attachment A

Project Location Map


MILLSBORO SUBSTATION
INDIAN RIVER SUBSTATION
Pemrose Ln
Herbert Ln
Williams Hwy
E State St
Old Landing Rd
Iron Branch Rd
Sandy Beach Dr
Gate A Rd
Power Plant Rd
Air Plant Rd
Mitchell St
Peninsula Crossing
Handy Rd
Sandy Beach
Holiday Acres
Kerseys Evergreen
Dagsboro Rd
Fire Tower Rd
Iron Branch Rd
Dupont Blvd
Train Ln
Hudson Rd
Ferry Landing
24
PA
NJ
MD
Sussex County
Project Location
N
Circuit 6720 - Indian River to Millsboro
Project Location Map
Sussex County, DE
Substations
Study Area
0
2,500
5,000
US Feet

McCORMICK TAYLOR

Attachment B

Nest Survey Forms

Rev.12/06/2024

Nest Survey Form

EN-PH-000006-2

Form Number: DPL-IRM-2026-RN1

Instructions: *Fill out one form for each nest and enter each observation into AIMS @ pepco.com/birdreport*

Survey Date	Observer(s)	Method[a]	Project Type[b]	Photo Numbers[c]
1/19/2026	ASM	Ground	Operation/Maintenance	

ROW Segment / Milepost # / Structure Number	(X Coord.)	(Y Coord.)
/ /	-75.244354	38.584195

Temperature (F)	Wind Speed	Wind Direction	Cloud Cover (%)	Precipitation
37	5 - 8	West	0%	0

Stick Nest? (Y/N)	Location Type	Nest Condition	General Habitat
Y	Tree	Poor	Forest
	Tree, Urban Structure, Cavity, Ground, Burrow	*Excellent, Good, Poor, Dilapidated*	*Forest, Shrublands, Grassland, Wetland, Coastal, Other*

If the Nest is Located in a Tree Complete the Following:

Nest Tree Species	Nest Height	Nest Tree DB	Dominant Area Trees
	25	8	Oak, pine

Distance in Feet from Nest to the Following (if applicable):

ROW Edge or Project	Nearest Access Road	Nearest Water Body
107	50	650

Nesting Species	Nest Status	If Active: Adults Present?	If Active: Describe Number Eggs/Young
Unknown	Inactive		

Comments[d]:

Small stick nest, possible accipiter or corvid

[a] Ground, Aerial,

[b] Include close-up of nest, overview of nest substrate, and habitat

[c] New Construction, Line Rebuild, Operation/Maintenance

[d] Observations of bird behavior; nest activity sign; other

Photo 1: View facing northwest showing the stick nest identified as DPL-IRM-2026-RN1. No activity was observed at this nest.

Photo 2: Close up of DPL-IRM-2026-RN1

Rev.12/06/2024

Nest Survey Form

EN-PH-000006-2

Form Number: DPL-IRM-2026-RN2

Instructions: *Fill out one form for each nest and enter each observation into AIMS @ pepco.com/birdreport*

Survey Date	Observer(s)	Method[a]	Project Type[b]	Photo Numbers[c]
1/19/2026	ASM	Ground	Operation/Maintenance	

ROW Segment / Milepost # / Structure Number	(X Coord.)	(Y Coord.)
/ /	-75.253402	38.576788

Temperature (F)	Wind Speed	Wind Direction	Cloud Cover (%)	Precipitation
37	3 - 8	West	0%	0

Stick Nest? (Y/N)	Location Type	Nest Condition	General Habitat
Yes	Tree	Poor	Forest
	Tree, Urban Structure, Cavity, Ground, Burrow	*Excellent, Good, Poor, Dilapidated*	*Forest, Shrublands, Grassland, Wetland, Coastal, Other*

If the Nest is Located in a Tree Complete the Following:

Nest Tree Species	Nest Height	Nest Tree DB	Dominant Area Trees
Maple	45	14	Oak, pine

Distance in Feet from Nest to the Following (if applicable):

ROW Edge or Project	Nearest Access Road	Nearest Water Body
140	86	1,862

Nesting Species	Nest Status	If Active: Adults Present?	If Active: Describe Number Eggs/Young
Unknown	Inactive		

Comments[d]:

Small stick nest, possible accipiter or corvid nest

[a] Ground, Aerial,

[b] Include close-up of nest, overview of nest substrate, and habitat

[c] New Construction, Line Rebuild, Operation/Maintenance

[d] Observations of bird behavior; nest activity sign; other

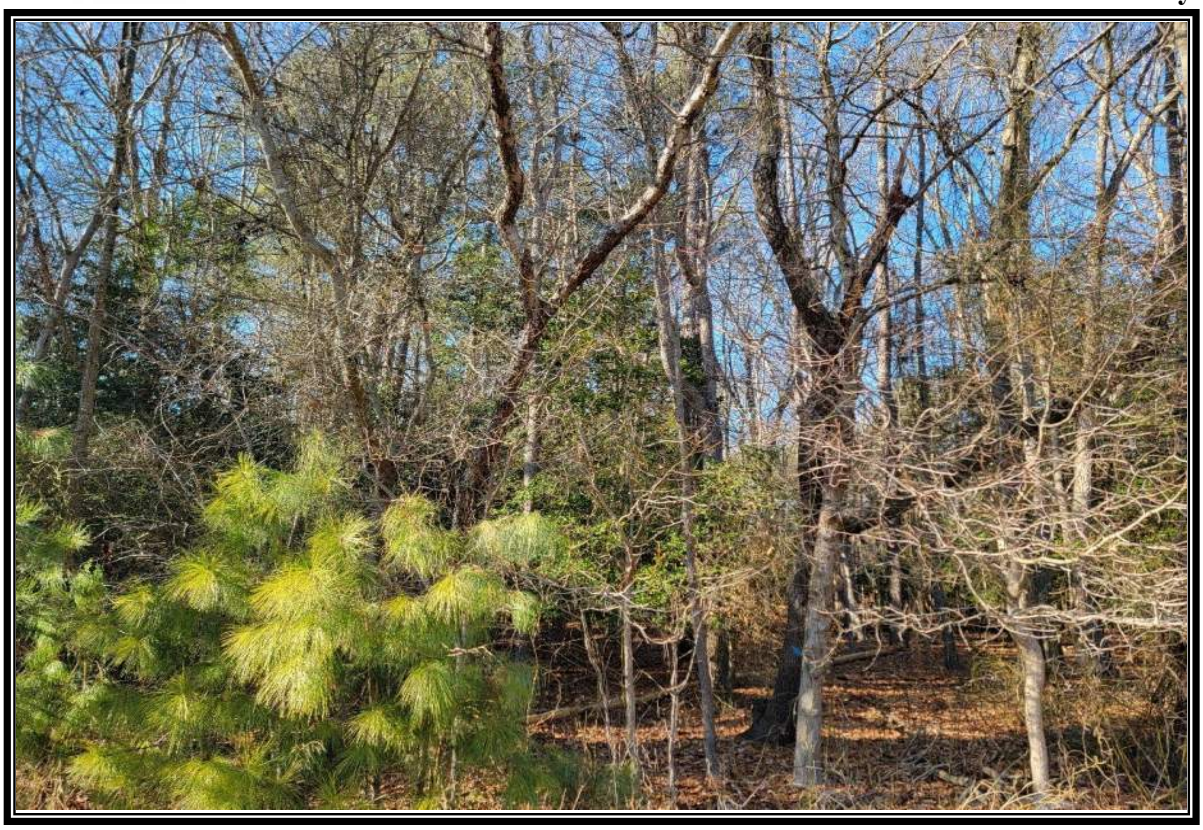


Photo 1: View facing northwest showing the stick nest identified as DPL-IRM-2026-RN2. No activity was observed at this nest.

Photo 2: Close up of DPL-IRM-2026-RN2

Rev.12/06/2024

pepco holdings
AN EXELON COMPANY

Nest Survey Form

EN-PH-000006-2

Form Number: DPL-IRM-2026-RN3

Instructions: *Fill out one form for each nest and enter each observation into AIMS @ pepco.com/birdreport*

Survey Date	Observer(s)	Method[a]	Project Type[b]	Photo Numbers[c]
1/19/2026	ASM	Ground	Operation/Maintenance	

ROW Segment / Milepost # / Structure Number	(X Coord.)	(Y Coord.)
/ /	-75.258516	38.572348

Temperature (F)	Wind Speed	Wind Direction	Cloud Cover (%)	Precipitation
37	3 - 8	West	0%	0

Stick Nest? (Y/N)	Location Type	Nest Condition	General Habitat
Y	Tree	Poor	Forest
	Tree, Urban Structure, Cavity, Ground, Burrow	*Excellent, Good, Poor, Dilapidated*	*Forest, Shrublands, Grassland, Wetland, Coastal, Other*

If the Nest is Located in a Tree Complete the Following:

Nest Tree Species	Nest Height	Nest Tree DB	Dominant Area Trees
Pine	60	16	Pine

Distance in Feet from Nest to the Following (if applicable):

ROW Edge or Project	Nearest Access Road	Nearest Water Body
101	290	3,266

Nesting Species	Nest Status	If Active: Adults Present?	If Active: Describe Number Eggs/Young
Unknown	Inactive		

Comments[d]:

Small stick nest, possible corvid or accipter nest

[a] Ground, Aerial,

[b] Include close-up of nest, overview of nest substrate, and habitat

[c] New Construction, Line Rebuild, Operation/Maintenance

[d] Observations of bird behavior; nest activity sign; other

Photo 1: View facing northwest showing the stick nest identified as DPL-IRM-2026-RN3. No activity was observed at this nest.

Photo 2: Close up of DPL-IRM-2026-RN3

Rev.12/06/2024

Nest Survey Form

EN-PH-000006-2

Form Number: DPL-IRM-2026-RN4

Instructions: *Fill out one form for each nest and enter each observation into AIMS @ pepco.com/birdreport*

Survey Date	Observer(s)	Method[a]	Project Type[b]	Photo Numbers[c]
1/19/2026	ASM	Ground	Operation/Maintenance	

ROW Segment / Milepost # / Structure Number	(X Coord.)	(Y Coord.)
/ /	-75.272949	38.575623

Temperature (F)	Wind Speed	Wind Direction	Cloud Cover (%)	Precipitation
39	3 - 8	West	0%	0

Stick Nest? (Y/N)	Location Type	Nest Condition	General Habitat
Y	Urban Structure	Good	Other
	Tree, Urban Structure, Cavity, Ground, Burrow	*Excellent, Good, Poor, Dilapidated*	*Forest, Shrublands, Grassland, Wetland, Coastal, Other*

If the Nest is Located in a Tree Complete the Following:

Nest Tree Species	Nest Height	Nest Tree DB	Dominant Area Trees
Light pole			Pine, oak

Distance in Feet from Nest to the Following (if applicable):

ROW Edge or Project	Nearest Access Road	Nearest Water Body
354	504	286

Nesting Species	Nest Status	If Active: Adults Present?	If Active: Describe Number Eggs/Young
Unknown	Inactive		

Comments[d]:

Likely osprey nest based on location and composition

[a] Ground, Aerial,

[b] Include close-up of nest, overview of nest substrate, and habitat

[c] New Construction, Line Rebuild, Operation/Maintenance

[d] Observations of bird behavior; nest activity sign; other

Photo 1: View facing north showing the stick nest identified as DPL-IRM-2026-RN4. No activity was observed at this nest.

Photo 2: Close up of DPL-IRM-2026-RN4

Rev.12/06/2024

Nest Survey Form

EN-PH-000006-2

Form Number: DPL-IRM-2026-RN5

Instructions: *Fill out one form for each nest and enter each observation into AIMS @ pepco.com/birdreport*

Survey Date	Observer(s)	Method[a]	Project Type[b]	Photo Numbers[c]
1/22/2026	ASM	Ground	Operation/Maintenance	

ROW Segment / Milepost # / Structure Number	(X Coord.)	(Y Coord.)
/ /	-75.278659	38.57864

Temperature (F)	Wind Speed	Wind Direction	Cloud Cover (%)	Precipitation
48	5 - 10	West	0%	0

Stick Nest? (Y/N)	Location Type	Nest Condition	General Habitat
Y	Tree	Poor	Shrublands
	Tree, Urban Structure, Cavity, Ground, Burrow	*Excellent, Good, Poor, Dilapidated*	*Forest, Shrublands, Grassland, Wetland, Coastal, Other*

If the Nest is Located in a Tree Complete the Following:

Nest Tree Species	Nest Height	Nest Tree DB	Dominant Area Trees
Cherry	25	5	Pine, cherry

Distance in Feet from Nest to the Following (if applicable):

ROW Edge or Project	Nearest Access Road	Nearest Water Body
38	135	960

Nesting Species	Nest Status	If Active: Adults Present?	If Active: Describe Number Eggs/Young
Unknown	Inactive		

Comments[d]:

Small stick nest, possible corvid or accipter nest

[a] Ground, Aerial,

[b] Include close-up of nest, overview of nest substrate, and habitat

[c] New Construction, Line Rebuild, Operation/Maintenance

[d] Observations of bird behavior; nest activity sign; other

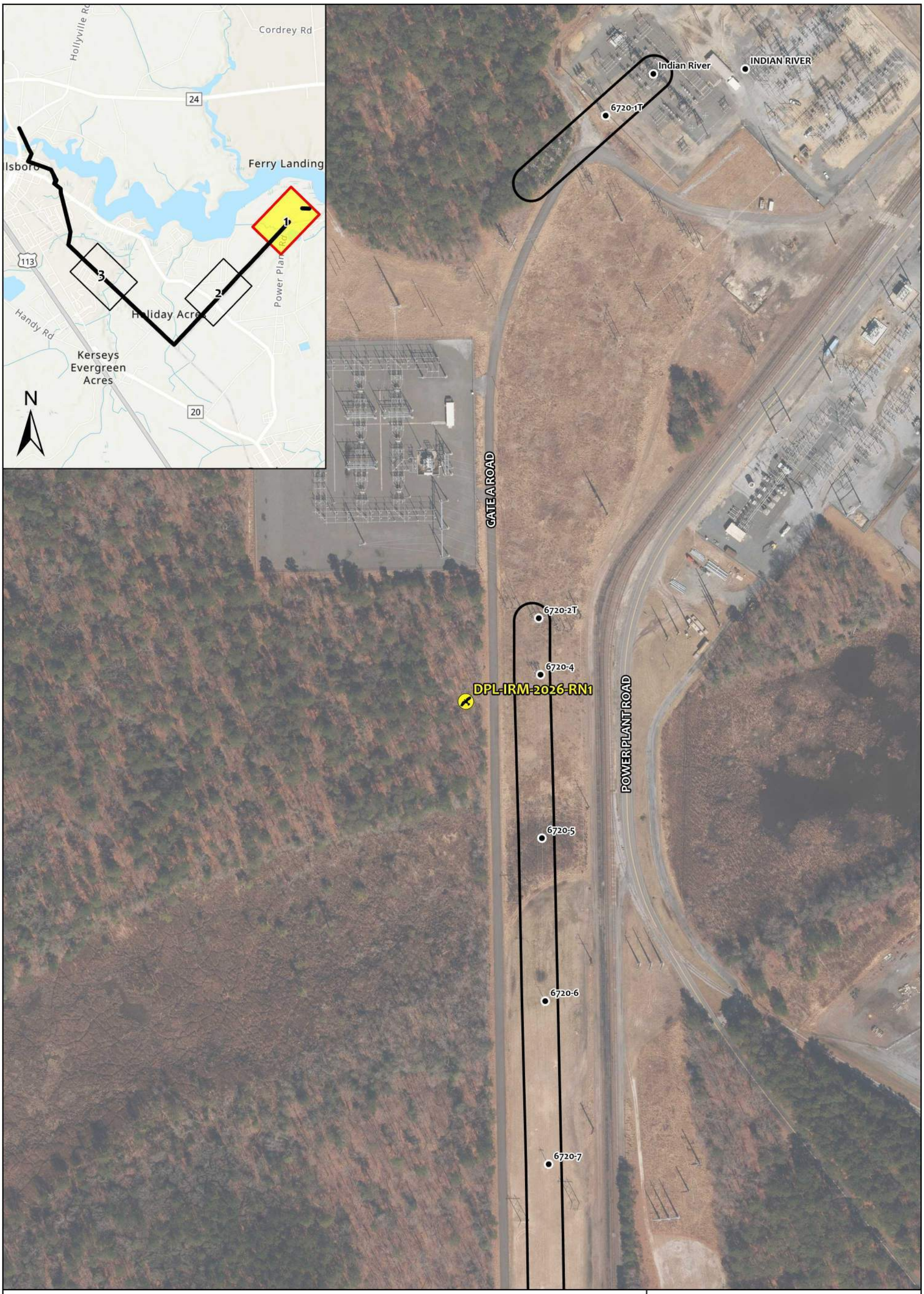
Photo 1: View facing northeast showing the stick nest identified as DPL-IRM-2026-RN5. No activity was observed at this nest.

Photo 2: Close up of DPL-IRM-2026-RN5

McCORMICK TAYLOR

Attachment C

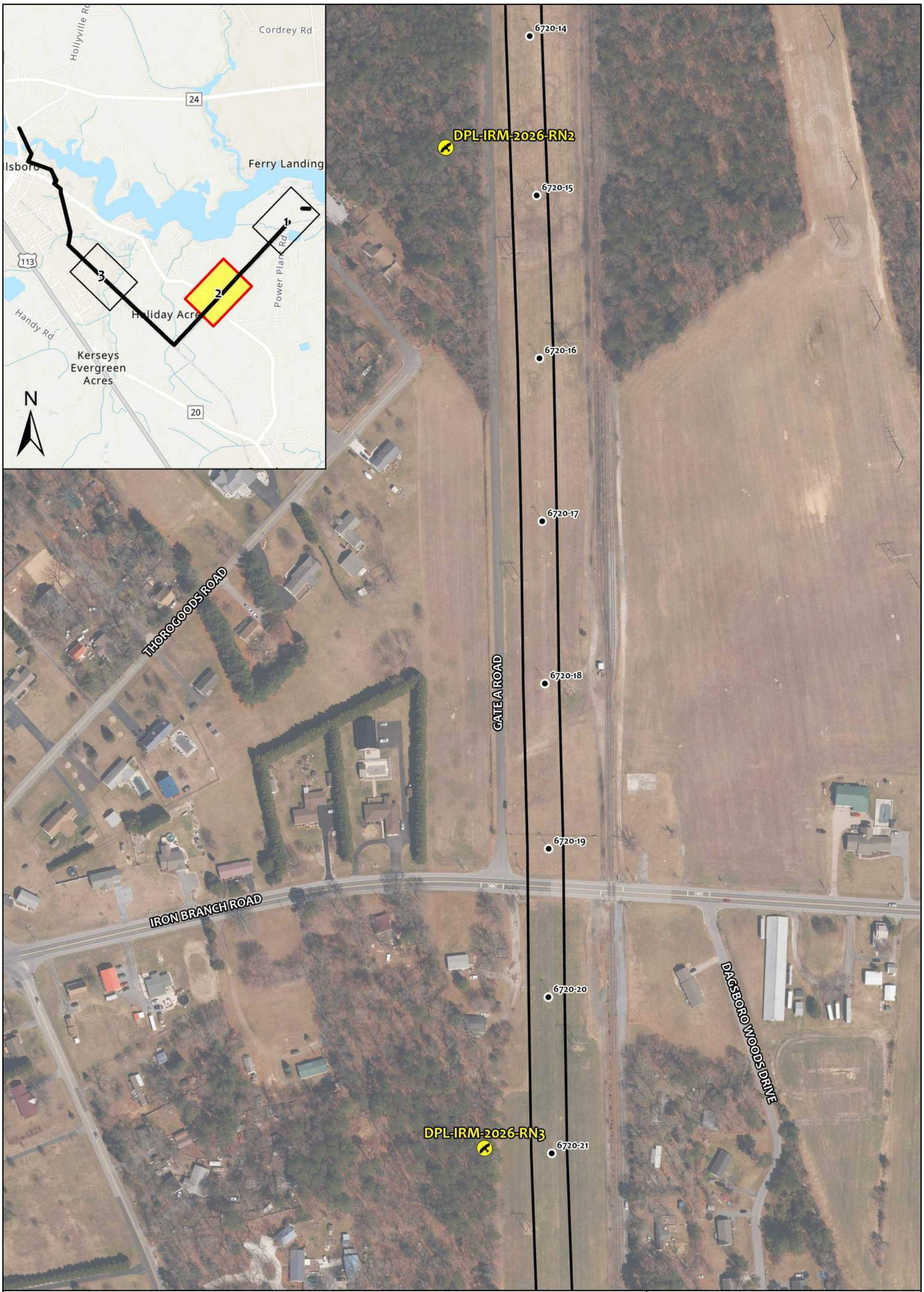
Nest Location Map



Circuit 6720 Indian River-Millsboro

Avian Survey Map

Sussex County, DE



- Poles
- Raptor Nest Survey
- Study Area

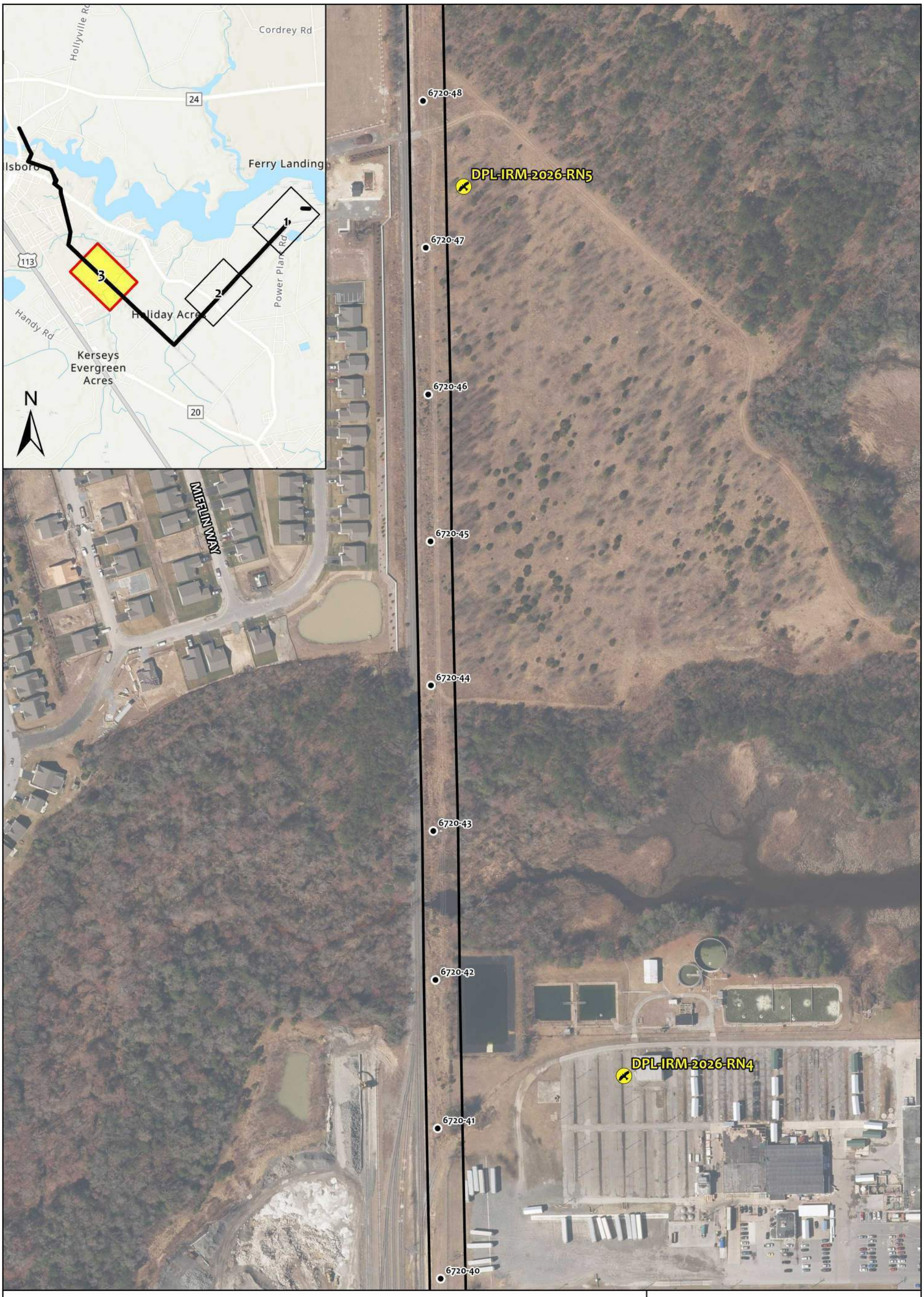
N

0 100 200 US Feet

Circuit 6720 Indian River-Millsboro

Avian Survey Map

Sussex County, DE



- Poles
- Raptor Nest Survey
- Study Area

0 100 200 US Feet

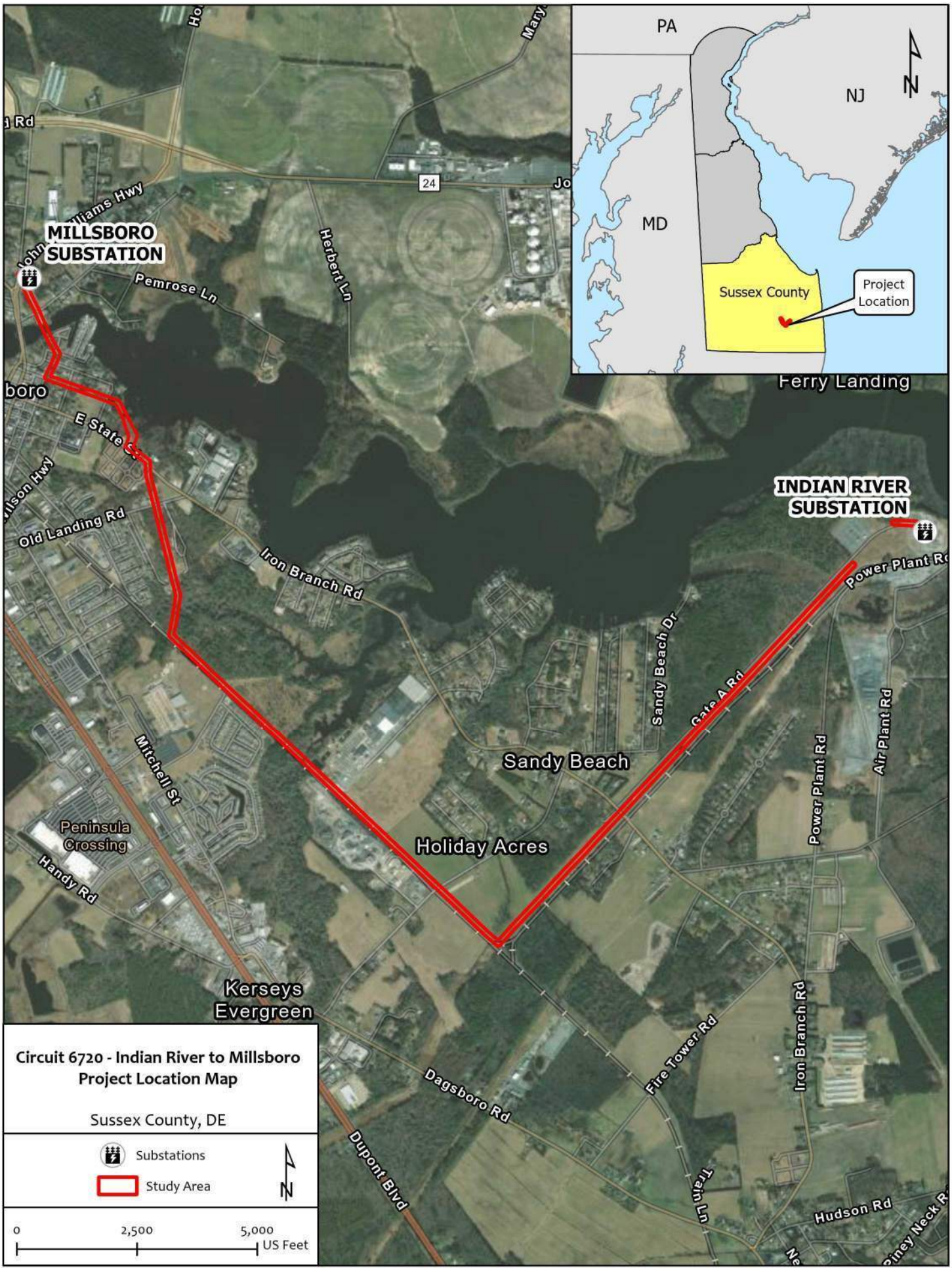
Circuit 6720 Indian River-Millsboro

Avian Survey Map

Sussex County, DE

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 5 – Project Location Map


MILLSBORO SUBSTATION
INDIAN RIVER SUBSTATION
Pemrose Ln
Herbert Ln
Williams Hwy
E State St
Old Landing Rd
Iron Branch Rd
Sandy Beach Dr
Gate A Rd
Power Plant Rd
Air Plant Rd
Mitchell St
Peninsula Crossing
Handy Rd
Sandy Beach
Holiday Acres
Kerseys Evergreen
Dagsboro Rd
Fire Tower Rd
Iron Branch Rd
Dupont Blvd
Train Ln
Hudson Rd
Ferry Landing
24
PA
NJ
MD
Sussex County
Project Location
N
Circuit 6720 - Indian River to Millsboro
Project Location Map
Sussex County, DE
Substations
Study Area
0
2,500
5,000
US Feet

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 6 – Agency Consultation

McCORMICK TAYLOR

January 13, 2026

Ms. Suzanne Savery
Delaware Division of Historical and Cultural Affairs
29 N State St
Dover DE 19901

< Sent via email suzanne.savery@delaware.gov >

RE: Delmarva Power & Light Company
Circuit 6720 – Indian River to Millsboro Project
Sussex County, Delaware

Dear Ms. Savery,

Delmarva Power & Light Company (DPL), a wholly owned subsidiary of Exelon Corporation, is proposing maintenance work on an existing overhead transmission line (Circuit 6720) from DPL's Indian River Substation to Millsboro Substation in Sussex County, Delaware (Project). The Project area is approximately 4.3 miles within the existing 100-foot-wide DPL right-of-way (ROW). Please see the attached project location map for your reference.

The Project will include maintenance activities on 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged/deteriorated components of the existing infrastructure identified during DPL's annual comprehensive inspections for transmission lines. Maintenance activities include, but are not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and one pole replacement. Access to existing structures is necessary to complete the maintenance operations.

DPL is requesting from your office any information or records that you may have regarding the presence of cultural or historical significance within the Project area.

If you should have any questions or need additional information, please contact Jonathan Bartlett at (302)-440-5222, Jonathan.Bartlett@exeloncorp.com or myself at (443) 257-7597, sayourik@mccormicktaylor.com. We thank you for your consideration concerning this project.

Sincerely,

Stephanie Yourik
Associate Project Manager
McCormick Taylor

CC: Jonathan Bartlett, DPL

Enclosures: Project Location Map and KMZ

McCORMICK TAYLOR

January 13, 2026

Anthony Gonzon
Species Conservation and Research Program
DNREC – Division of Fish and Wildlife
89 Kings Highway
Dover, DE 19901

<Sent via email anthony.gonzon@delaware.gov >

RE: Delmarva Power & Light Company
Circuit 6720 – Indian River to Millsboro Project
Sussex County, Delaware

Dear Mr. Gonzon,

Delmarva Power & Light Company (DPL), a wholly owned subsidiary of Exelon Corporation, is proposing maintenance work on an existing overhead transmission line (Circuit 6720) from DPL's Indian River Substation to Millsboro Substation in Sussex County, Delaware (Project). The Project area is approximately 4.3 miles within the existing 100-foot-wide DPL right-of-way (ROW). Please see the attached project location map for your reference.

The Project will include maintenance activities on 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged/deteriorated components of the existing infrastructure identified during DPL's annual comprehensive inspections for transmission lines. Maintenance activities include, but are not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and one pole replacement. Access to existing structures is necessary to complete the maintenance operations.

If you should have any questions or need additional information, please contact Jonathan Bartlett at (302)-440-5222, Jonathan.Bartlett@exeloncorp.com or myself at (443) 257-7597, sayourik@mccormicktaylor.com. We thank you for your consideration concerning this project.

Sincerely,

Stephanie Yourik
Associate Project Manager
McCormick Taylor

CC: Jonathan Bartlett, DPL

Enclosures: Project Location Map and KMZ

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Attachment 7 – Property Deed

lectronically Recorded Document# 2023000031316 BK: 5969 PG: 146
ecorder of Deeds, Alexandra Reed Baker On 9/6/2023 at 3:51:12 PM Sussex County, DE
onsideration: $26,000.00 County/Town: $0.00 State: $0.00 Total: $0.00
oc Surcharge Paid Town: SUSSEX COUNTY

Tax Map and Parcel #: 234-32.00-86.00

PREPARED BY:
TOMASETTI LAW LLC
1100 Coastal Hwy., Unit 3
Fenwick Island, DE 19944
File No. D23-70/LG

RETURN TO:
LEONARD A. KRAUS and KAREN VIGNARE
26448 Jersey Rd
Millsboro, DE 19966

NO TITLE SEARCH REQUESTED OR PERFORMED

THIS DEED, made this 22 day of August, 2023,

- BETWEEN -

LEONARD A. KRAUS, of 26448 Jersey Rd, Millsboro, DE 19966, party of the first part,

- AND -

LEONARD A. KRAUS and **KAREN VIGNARE**, father and daughter, of 26448 Jersey Rd, Millsboro, DE 19966, parties of the second part.

WITNESSETH: That the said party of the first part, for and in consideration of the sum of **Ten and 00/100 Dollars ($10.00)**, lawful money of the United States of America, the receipt whereof is hereby acknowledged, hereby grants and conveys unto the parties of the second part, and their heirs and assigns, in fee simple, the following described lands, situate, lying and being in Sussex County, State of Delaware, AS JOINT TENANTS WITH RIGHT OF SURVIVORSHIP AND NOT AS TENANTS IN COMMON:

ALL that certain lot, piece or parcel of land situate, lying and being in Indian River Hundred, Sussex County, Delaware, fronting on the State Road leading from Oak Orchard to Millsboro and extending back therefrom 284 feet to Indian River and more fully described as

ocument# 2023000031316 BK: 5969 PG: 147
ecorder of Deeds, Alexandra Reed Baker On 9/6/2023 at 3:51:12 PM Sussex County, DE
oc Surcharge Paid

follows, to wit: BEGINNING at a point on the Southern side of the aforesaid Stone Road; thence with the Southern edge of the said road 82-3/4 feet to lands of M.B. Hobbs; thence with line of M.B. Hobbs, South 18-2/5 degrees East 284 feet to said River; thence with the meanderings of said river in an easterly direction to lands of W. Brittingham, North 18-2/5 degrees West 284 feet home to the aforesaid Public Road, containing 86.4 square perches, more or less, improved by a six room bungalow, with bath, and two car cement garage, excepting therefrom, 5,964 square feet conveyed by Sallie A. Davidson to Winford Brittingham, by deed dated September 14, 1944, and now of record in Deed Book No. 347, page 391.

BEING the same lands and premises which were conveyed unto Leonard A. Kraus and Ruth N. Kraus, husband and wife, by Deed of Roland A. Hudson and Jennie M. Hudson, husband and wife, dated September 11, 1979 and recorded in the Office of the Recorder of Deeds in and for Sussex County, Delaware in Deed Book 972, Page 348. The aforementioned Ruth N. Kraus departed this life on May 5, 2019 and her interest in the above described lands passed unto Leonard A. Kraus, by right of survivorship.

SUBJECT to any and all restrictions, reservations, conditions, easements and agreements of record in the Office of the Recorder of Deeds in and for Sussex County, Delaware.

ocument# 2023000031316 BK: 5969 PG: 148
ecorder of Deeds, Alexandra Reed Baker On 9/6/2023 at 3:51:12 PM Sussex County, DE
oc Surcharge Paid

IN WITNESS WHEREOF, the party of the first part has hereunto set his hand and seal the day and year first above written.

Signed, Sealed and Delivered
in the presence of:

Christina D Donahue

Leonard A Kraus (SEAL)
LEONARD A. KRAUS

STATE OF Maryland, COUNTY OF Harford : to-wit

BE IT REMEMBERED, that on August 22nd 2023, personally came before me, the subscriber, LEONARD A. KRAUS, party of the first part to this Indenture, known to me personally to be such, and acknowledged this Indenture to be his act and deed.

GIVEN under my Hand and Seal of Office the day and year aforesaid.

Christina D Donahue
Notary Public

My Commission Expires: 9-1-2023

CHRISTINA D. DONAHUE
Notary Public-Maryland
Harford County
My Commission Expires
September 01, 2023

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Appendix A – Existing Utilities

Utility Crossings

Please respond to each question. Questions left blank may result in the application being returned as incomplete. In addition, the answers to all of the questions in this Appendix must correspond accurately to the information on the plan and section view drawings for the project.

1. Please indicate the total number of subaqueous lands crossings associated with the project here: 1 Complete a separate Appendix E for each crossing.

2. The information below is for Crossing # 6720-73.

General Information

3. What type of utility is being installed and what is its diameter?

____	wastewater pipeline	_____ inches	_X_	electric line	_____ inches
____	water line	_____ inches	____	TV/cable	_____ inches
____	gas line	_____ inches	____	fiber optic cable	_____ inches
____	other (describe) This is an existing utility line and the cable is not being replaced. There is only one pole being replaced and relocated from the water and to an upland area.				_____ inches

4. What is the total length of the crossing relative to:

MHW N/A ft. MLW N/A ft. OHW N/A ft.

5. What is the total area of impact for the crossing relative to:

MHW N/A sq. ft. MLW N/A sqft. OHW N/A sq. ft.

6. What is the method of installation for the crossing:

N/A directional bore N/A trench N/A blasting N/A plow

If another method of installation will be utilized, please describe here:

Overhead maintenance work will be conducted to access the electric line above tidal wetlands. Composite matting will be used to avoid permanent tidal wetland impacts. At Structure 6720-73, the existing pole is proposed to be cut approximately 12' from the mean high tide line and relocated to uplands. There is no proposed in water work for this structure.

7. Briefly outline the construction sequence for placement of the structure:

1. Install E&S controls prior to beginning of work. 2. Commence corrective maintenance work using best management practices and following DE details and specifications for E&S controls. 3. Smooth any ruts from disturbance. 4. Apply seed and straw following DE stabilization details. Same-day stabilization will be utilized wherever possible. 5. Remove controls after 70% vegetative growth is achieved. 6. Restabilize any redisturbed areas from removal of controls.

8. Will dredging, excavating, or filling be required? _____ Yes X No

If "yes", complete the appropriate dredging appendix and/or fill appendix and include them with your application.

9. Will there be any permanent towers, poles, platforms or other structures (excluding submarine cables) on subaqueous land or in wetlands? _____ Yes __X__ No

If "yes", give the number of structures, and provide a description, including square footage and material (the location of all structures must be shown on the plans or the application cannot be processed).

10. At what depth will the subaqueous crossing be placed below the bottom of the waterbody? ____N/A__ ft.
    At what height will an aerial crossing be above MHW? ___N/A_____feet
    There is an existing aerial crossing and no new crossing is proposed.

11. Is the crossing in, on, over or under public (undeeded) or private subaqueous lands?
    _____Public ____X____Private
    If private, who is/are the property holder(s)? _Leonard A. Kraus & Karen Vignare
    Provide a copy of any deed, ROW or easement granting access if the private property owner is other than the applicant.
    -See Attachment 7

12. Is the crossing adjacent to subaqueous lands on State-owned property? _____ Yes ____X__No
    If so, which State agency is the owner? _____

    Is the crossing within a DelDOT right of way? _____ Yes ____X___No

13. Please include evidence of written permission from the private land owner above (if other than the applicant).

    -See Attachment 7

Delmarva Power
401 Eagle Run Rd
Newark, DE 19714

Appendix B – Vegetative Stabilization

Vegetative Stabilization

- Please make sure that all answers in this appendix correspond to information on the application drawing

1. Submit a brief description of the proposed activity

   The project proposes to perform corrective maintenance on 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged and/or deteriorated components of the existing infrastructure. The corrective maintenance includes, but is not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and one pole relocation.

2. Is grading of bank and/or placement of fill part of this project? Yes (No)
   If yes complete Appendix H

3. Indicate the area of proposed planting that is channelward of the:
   a. Tidal Waters: mean high water line? 0 ft^2
      mean low water line? 0 ft^2
   b. Non-tidal waters: ordinary high water line? 0 ft^2

4. What will the water depth of the plantings be relative to the: (provide the range if it varies)
   a. Tidal Waters: mean high water line? 0 f
      mean low water line? 0 ft
   b. Non-tidal waters: ordinary high water line? 0 ft

5. Provide the list of plant species that will be utilized.

   Following construction activities, all disturbed areas will be returned to pre-construction conditions and seeded according to DE detail DE-ESC-3.4.3.

6. Describe the sequence of construction and planting.
   1. Install E&S controls prior to beginning of work. 2. Commence corrective maintenance work using best management practices and following DE details and specifications for E&S controls. 3. Smooth any ruts from disturbance. 4. Apply seed and straw following DE stabilization details. Same-day stabilization will be utilized wherever possible. 5. Remove controls after 70% vegetative growth is achieved. 6. Restabilize any redisturbed areas from removal of controls.

7. Describe the maintenance and monitoring plan for the vegetation.

   Restored areas will be monitored following construction and stabilization completion for 70% vegetative growth before controls are removed. Same day stabilization will be utilized wherever possible.

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Appendix C – Activities in State Wetlands

ACTIVITIES IN STATE WETLANDS

Please make sure that all answers in this appendix correspond to information on the application drawings.

1. Project description and explanation of need.

The project proposes to perform corrective maintenance on 77 existing structures within DPL's ROW along the existing 6720 Circuit to address damaged and/or deteriorated components of the existing infrastructure. The corrective maintenance includes, but is not limited to, insulator repairs, pole ground repairs, filling of woodpecker holes, and one pole relocation.

2. What is area of impact for each activity in state wetlands?

Wetlands Walkways/Other Structures:
Length 30 ft. Width 30 ft.
Piles N/A Height N/A ft. over marsh

Note: Area of impact is solely for the access pad in work in tidal wetlands for overhead work.

Note: The crossing is existing and there is not a new proposed crossing.

3. What is volume of fill or excavated material involved in this project?

Fill 0 cubic yards
Excavation 0 cubic yards

4. Map number of state wetland map where project is located: DNR # 137, 138

ENVIRONMENTAL SUMMARY - PLEASE SUBMIT AN EVALUATION OF IMPACT OF THE PROPOSED ACTIVITY (ATTACH ADDITIONAL SHEETS AS NEEDED):

5. State reasons that structures cannot feasibly be located on lands other than wetlands.

Structure 6720-73 is being cut approximately 12' above the mean high tide line and will be left in place. It's replacement is being installed in a nearby upland area. Structure 6720-64 is an existing structure in tidal wetlands so all proposed impacts are only for access to complete the overhead repairs.

6. Detail temporary and permanent changes which would be caused by the proposed project and the impact of these changes on the project area and adjacent areas.

Only temporary impacts are proposed for access within tidal wetlands to complete overhead work.

7. Describe alternatives to the proposed action which would reduce or avoid environmental damage.

The project was designed to avoid and minimize impacts and/or damage to environmental resources to the greatest extent practicable. By relocating an existing pole from an environmentally sensitive area to an upland area, this will significantly reduce the potential for future impacts to the pole itself and the environmental resource it was relocated from.

8. Describe all measures to be taken during and after the completion of the proposed project to reduce detrimental effects.

Construction best management practices and restoration practices are to be implemented during and after construction is complete. Composite matting will be used for access in all wetland areas and same day stabilization will be completed.

9. Describe all permanent environmental impacts which cannot be avoided.

No permanent environmental impacts are proposed from this project.

10. Submit detailed evaluation of impact of the proposed project on the following:

a. Value of tidal ebb and flow

i. Production Value: carrying organic matter to adjacent estuaries and coastal waters which serve as breeding areas for certain animal species (especially fish and shellfish). N/A
ii. Value as a natural protective system of absorption of storm wave energy, flood waters, and heavy rainfall, thereby decreasing flood and erosion damage. N/A
iii. The prevention of silting in certain harbors and inlets thereby reducing dredging. N/A
iv. Removal and recycling of inorganic nutrients. N/A
v. Effect on the estuarine waters. N/A

Note: The activities proposed are solely for overhead work and will only result in temporary impacts.

b. Habitat Value

i. Habitat for resident species of wildlife including furbearers, invertebrates, finfish. N/A
ii. Habitat for migratory wildlife species including waterfowl, wading birds, shorebirds, shorebirds, passerines, finfish, shrimp. N/A
iii. Rearing area, nesting area, breeding grounds for various species. N/A
iv. Habitat for rare or endangered plants. N/A
v. Presence of plants or animals known to be rare generally, or unique to the particular location. N/A
vi. Presence of plants or animals near the limits of their territorial range. N/A
vii. Presence of unique geological or wetland features. N/A

Note: DNREC DFW was consulted on January 14, 2026 and a response is pending. It was stated that the project will adhere to any necessary and applicable time of year restrictions.

c. Aesthetic Effect - Consideration of the aesthetic effect may include:

i. Presence of plants or animals of a high visual quality.
ii. The presence of an associated water body.
iii. Wetland type of topographic diversity.

N/A- i. No removal or impacts to plants or animals with high visual quality is proposed.
ii. Visual impacts to the associated water body are being improved by relocating an in-water structure to a nearby upland area.
iii. No impacts to topographic diversity are proposed.

d. Impact of Supporting Facilities

The supporting facilities to be considered include any public or private construction, whether or not the construction occurs in the wetlands, which would be required for construction or operation of the proposed wetlands activity, such as roads, sewage disposal facilities, electric lines, water supply systems, and schools. Effects shall be separately determined for the lands neighboring such facilities. There are no supporting facilities associated with the proposed work.

e. Effect on Neighboring Land Uses
   i. The effects of the proposed wetland activity on neighboring land use are to be considered whether or not the neighboring lands are wetlands.
   ii. The environmental, aesthetic and economic effects of the proposed wetlands activity on land uses neighboring the lands on which supporting facilities will be located may be considered.

-The temporary impacts from access will have no impact on neighboring land use.

f. Federal, State, Regional, County and Municipal Comprehensive Plans.
   Compliance of the proposed activities with the plans of the jurisdiction in which it is proposed to take place, and its impact on the plans of other affected jurisdictions.

-The project will comply with all federal, state, regional, and county plans. No impacts to these plans is proposed.

g. Economic Impact
   Economic Impact shall include a short and long-term evaluation of the following factors to the extent the effect is directly attributable to the proposed activity:
   i. Jobs created or lost and the net income effect of jobs.
   ii. Increases in revenues to or increases in expenditure by State, County and local governments (e.g., increased taxes from an increased tax base and increased expenditure for maintaining supporting facilities).
   iii. Increases or decreases in the value attributable to the wetland as a source of nutrients to finfish, crustacea and shellfish and as habitats of such species or other flora or fauna of significant actual or potential economic value.
   iv. Increases or decreases in the value of the land as a recreational area.
   v. Increases or decreases in the cost of flood control or expected flood damage which might be caused by the effect of the activity on the natural capacity of the wetland to reduce flood damage.
   vi. Increases or decreases the costs of maintaining navigable harbors and waterways which would result from altering the capacity of the wetlands to absorb silt.
   vii. The net economic effect, both public and private, or any contemplated supporting facilities.
   viii. The net economic effect, both public and private, of the proposed activity on neighboring land uses.

i. There will be a positive economic impact on jobs due to the necessity of the project, carrying out the work will maintain jobs for current and future maintenance projects.
ii. There will be a continuing stream of revenue from maintaining reliability of the utility. This will prevent economic impact associated with a failure in the future.
iii. There are no impacts associated.
iv. No impacts to the value of the land are anticipated.
v. No impacts associated with the cost of flood control or expected flood damage is associated.
vi. There will be a positive economic impact with relocating the structure outside of the waterway. This will maintain the integrity of the waterway and avoid impacts to the wildlife that inhabit it.
vii. There will be an overall positive economic effect on jobs from the completion of the project for maintaining reliability of the utility.
vii. There will be no impact to neighboring land uses from the conduction of the project.