

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing Geoprofessional Business Association Member Firm



May 29, 2024

Delaware Department of Natural Resources and Environmental Control
Delaware Coastal Programs
100 West Water Street, Suite 7B
Dover, Delaware 19904

Re: Coastal Zone Management Act Federal Consistency
DEMEC Service Lateral(Locations 5A & 5B) Internal Line Inspections
New Castle & Kent County, Delaware

To Whom It May Concern:

On behalf of Eastern Shore Natural Gas (Applicant), Geo-Technology Associates, Inc. (GTA) is submitting this application to install permanent above-ground piping and valves that are being added to the existing 8-inch diameter pipeline system (known as the DEMEC Service Lateral). Ground disturbance will take place install a driveway, piping & valves, construct fence and install stone within the fenced areas. To facilitate the Application's review, GTA is submitting the following information for your review and processing:

1. Completed Coastal Zone Management Act Federal Consistency Form;
2. Site Location Map;
3. USGS Topographic Map; and,
4. *2024 ILI Locations 5A_5B Sketches*, prepared by Morris & Ritchie Associates, Inc.

The applicant, Eastern Shore Natural Gas (ESNG) is proposing to conduct internal line inspections within the 8-inch diameter DEMEC Service Lateral. The Applicant proposes this work in order to make the existing pipeline capable of conducting internal inspections as required by federal law through the Pipeline and Hazardous Materials Safety Administration (PHMSA). Ground disturbance will take place to construct the inline inspection tool launching and receiving locations. Location 5A is located at the corner of Clayton Delaney Road and Duck Creek Road (SR 15) in the Clayton area of New Castle County. Location 5B is located east of the Conrail Railroad and west of Artisan Drive in the Smyrna area of Kent County, Delaware. No direct impact to wetlands or waterbodies are proposed.

3445-A Box Hill Corporate Center Drive, Abingdon, MD 21009 (410) 515-9446

◆ Abingdon, MD ◆ Baltimore, MD ◆ Laurel, MD ◆ Frederick, MD ◆ Waldorf, MD ◆ New Castle, DE ◆ Georgetown, DE
◆ Somerset, NJ ◆ NYC Metro ◆ Pittsburgh Metro ◆ Quakertown, PA ◆ Scranton/Wilkes-Barre, PA ◆ York, PA
◆ Northeastern, OH ◆ Sterling, VA ◆ Nashville, TN ◆ Charlotte, NC ◆ Raleigh, NC ◆ Orlando, FL

Visit us on the web at www.gtaeng.com

GTA is confident that the enclosed information for the DEMEC Service Lateral Internal Line Inspections Activities satisfies the general and regional conditions for the Coastal Zone Management Act. Should you have any questions or need additional information, please contact this office at (410) 515 9446.

Sincerely,
GEO-TECHNOLOGY ASSOCIATES, INC.

Josh Riding
Environmental Scientist

T. Andy Stansfield, Jr.
Vice President

CEL/JSR/TAS
22755x05

L:\Shared\Project Files\2024\22755x05 - 2024 ILI Project - Location 5\WET\Reports - Permitting\DE CZM\22755x05 CZM Cover Letter.doc

Completed Coastal Zone Management
Act Federal Consistency Form



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

Coastal Zone Management Act Federal Consistency Form

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

Project/Activity Name: _____

I. Federal Agency or Non-Federal Applicant Contact Information:

Contact Name/Title: _____

Federal Agency Contractor Name (if applicable): _____

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

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone #: _____

II. Federal Consistency Category:

Federal Activity or Development Project
(15 C.F.R. Part 930, Subpart C)

Federal License or Permit Activity
(15 C.F.R. Part 930, Subpart D)

Outer Continental Shelf Activity
(15 C.F.R. Part 930, Subpart E)

Federal License or Permit Activity which occurs
wholly in another state (interstate consistency
activities identified in DCMP's Policy document)

Federal Financial Assistance
(15 C.F.R. Part 930, Subpart F)

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

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

V. Detailed Analysis of Consistency with DCMP Enforceable Policies (attach additional sheets if necessary):

Policy 5.1: Wetlands Management

Policy 5.2: Beach Management

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

Policy 5.4: Subaqueous Land and Coastal Strip Management

Policy 5.5: Public Lands Management

Policy 5.6: Natural Lands Management

Policy 5.7: Flood Hazard Areas Management

Policy 5.8: Port of Wilmington

Policy 5.9: Woodlands and Agricultural Lands Management

Policy 5.10: Historic and Cultural Areas Management

Policy 5.11: Living Resources

Policy 5.12 Mineral Resources Management

Policy 5.13: State Owned Coastal Recreation and Conservation

Policy 5.14: Public Trust Doctrine

Policy 5.15: Energy Facilities

Policy 5.16: Public Investment

Policy 5.17: Recreation and Tourism

Policy 5.18: National Defense and Aerospace Facilities

Policy 5.19: Transportation Facilities

Policy 5.20: Air Quality Management

Policy 5.21: Water Supply Management

Policy 5.22: Waste Disposal Management

Policy 5.23: Development

Policy 5.24: Pollution Prevention

Policy 5.25: Coastal Management Coordination

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

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

- JPP RAS None

*If yes, provide the date of the meeting(s): _____

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


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

OR

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

OR

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

Signature:			
Printed Name:		Date:	

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

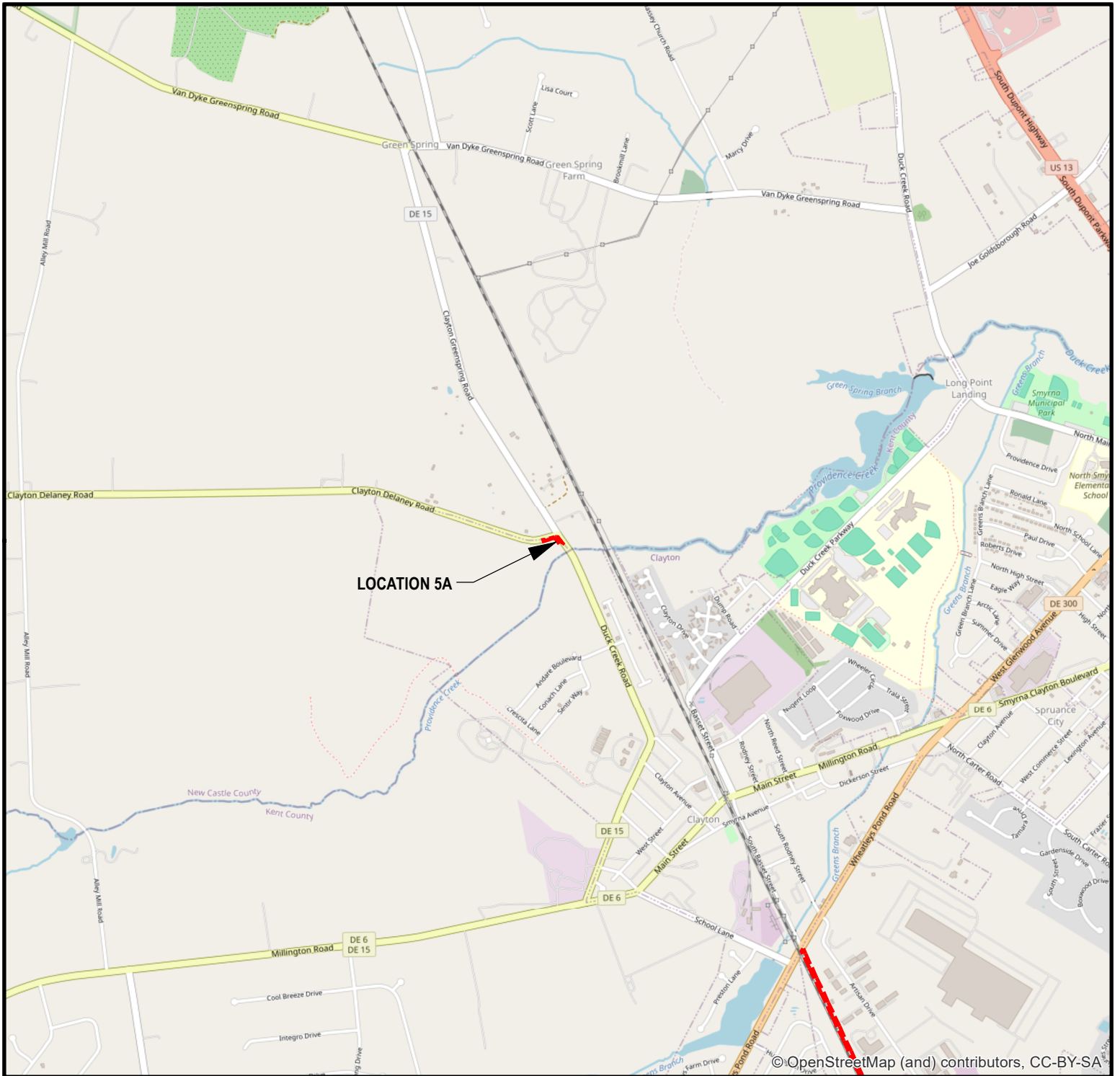
Federal Consistency Review Deadlines:

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

OFFICIAL USE ONLY:

Reviewed By:	Fed Con ID:	Date Received:
Public notice dates: _____ to _____	Comments Received: <input type="checkbox"/> NO <input type="checkbox"/> YES <i>[attach comments]</i>	
Decision type: <small>(objections or conditions attach details)</small>	Decision Date: _____	

Site Location Map



© OpenStreetMap (and) contributors, CC-BY-SA

LEGEND

LOCATION 5A



GEO-TECHNOLOGY ASSOCIATES, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

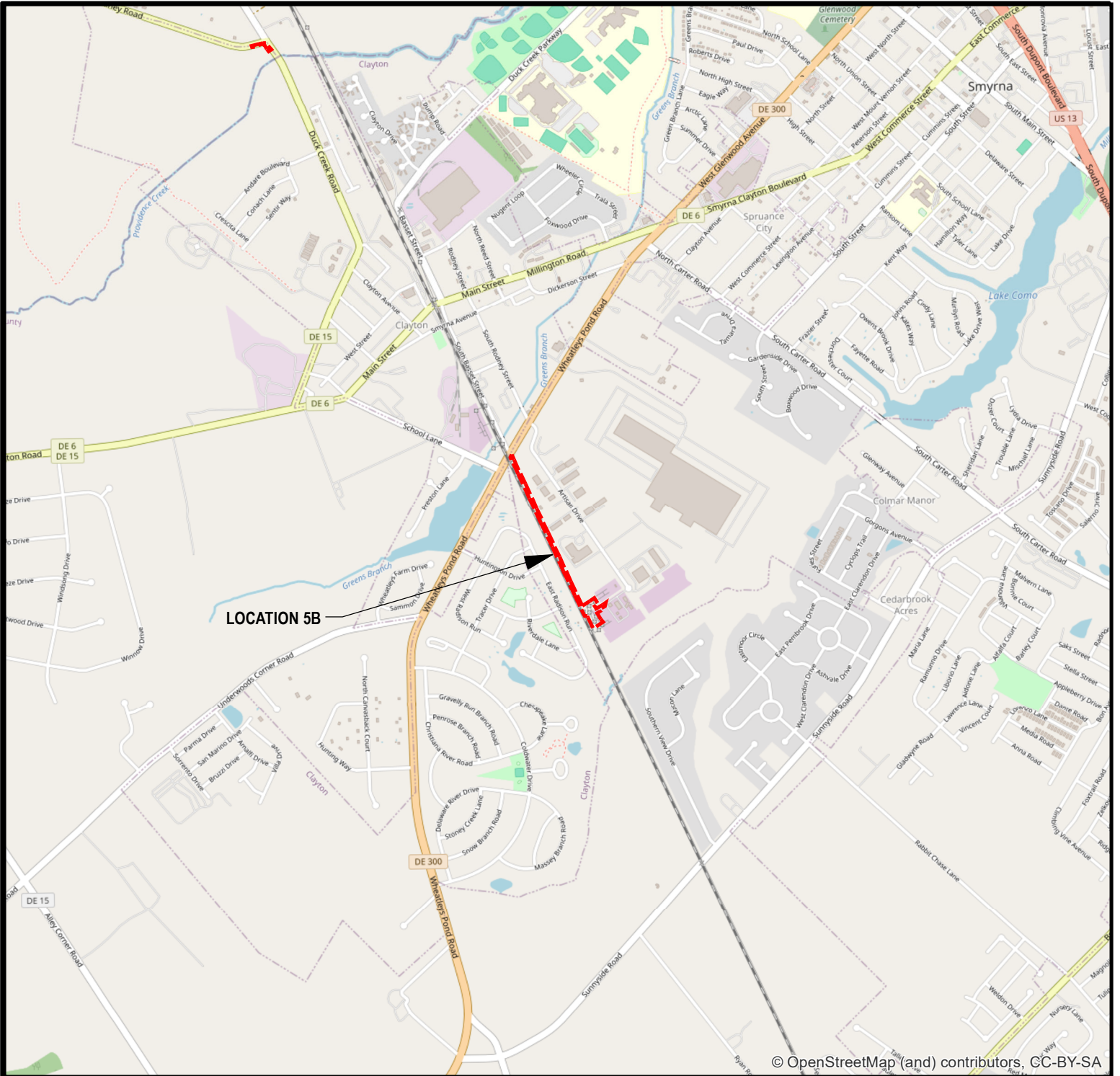
3445-A BOX HILL CORPORATE CENTER DRIVE
 ABINGDON, MARYLAND 21009
 PHONE: 410-515-9446
 FAX: 410-515-4895
 WWW.GTAENG.COM

© GEO-TECHNOLOGY ASSOCIATES, INC.

SITE LOCATION MAP
DEMEC SERVICE LINE (LOCATION 5A)

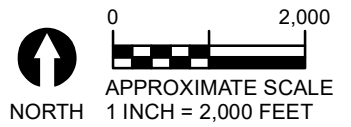
NEW CASTLE COUNTY, MARYLAND

JOB NO.	22755X05	SCALE:	1"=2,000'	DATE:	MAY 8, 2024	DRAWN BY:	CEL	REVIEW BY:	MAJ/TAS	FIGURE:	5A
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LEGEND

 LOCATION 5B



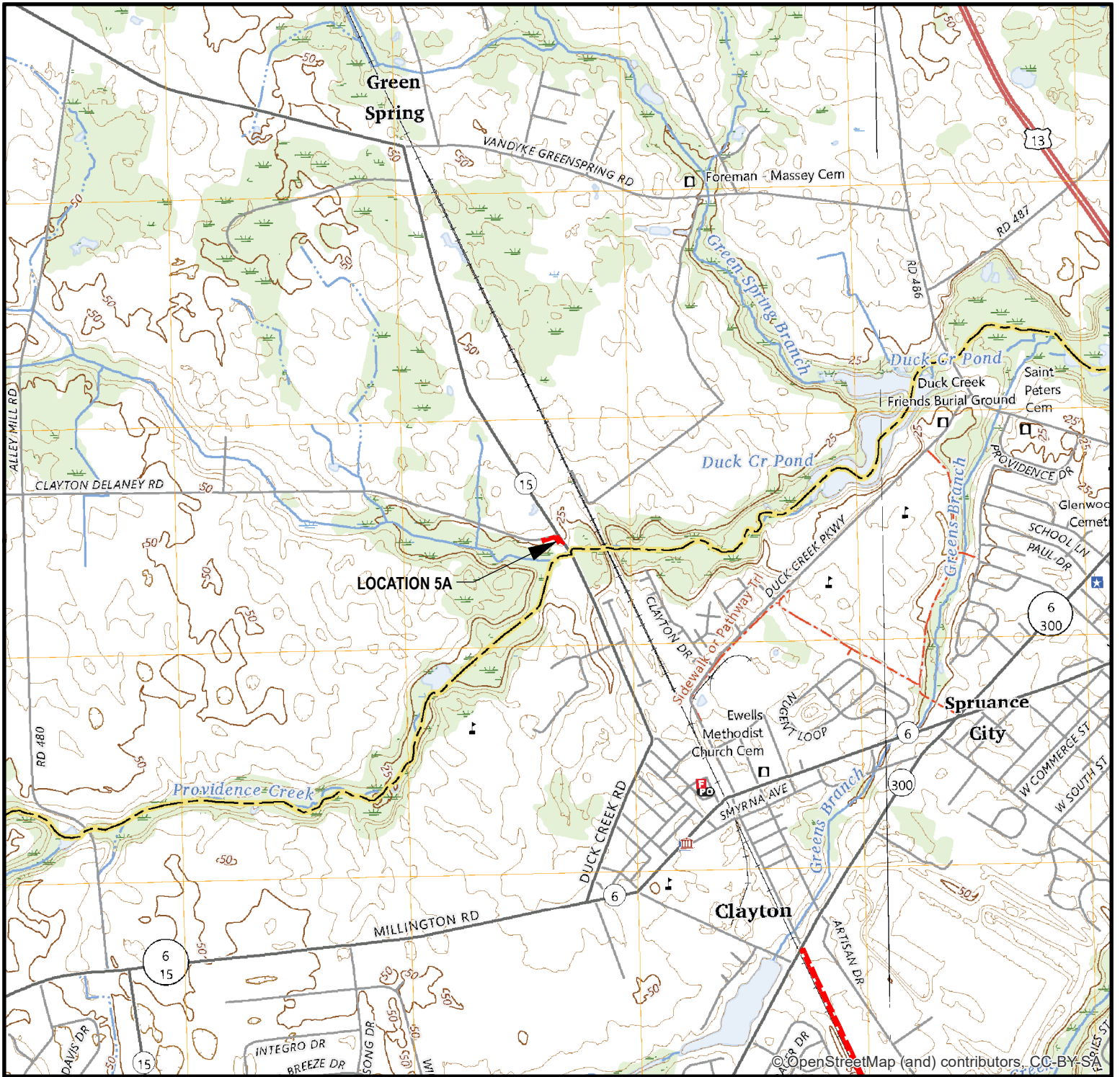
GEO-TECHNOLOGY ASSOCIATES, INC.
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**SITE LOCATION MAP
 DEMEC SERVICE LINE (LOCATION 5B)**

KENT COUNTY, MARYLAND

JOB NO.	22755X05	SCALE:	1"=2,000'	DATE:	MAY 8, 2024	DRAWN BY:	CEL	REVIEW BY:	MAJ/TAS	FIGURE:	5B
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USGS Topographic Map



SOURCE: UNITED STATES GEOLOGICAL SURVEY (USGS), CLAYTON, DE & SMYRNA, DE QUADRANGLES, 7.5 MINUTE TOPOGRAPHIC MAP SERIES, BOTH DATED 2023

LEGEND

 LOCATION 5A



GEO-TECHNOLOGY ASSOCIATES, INC.
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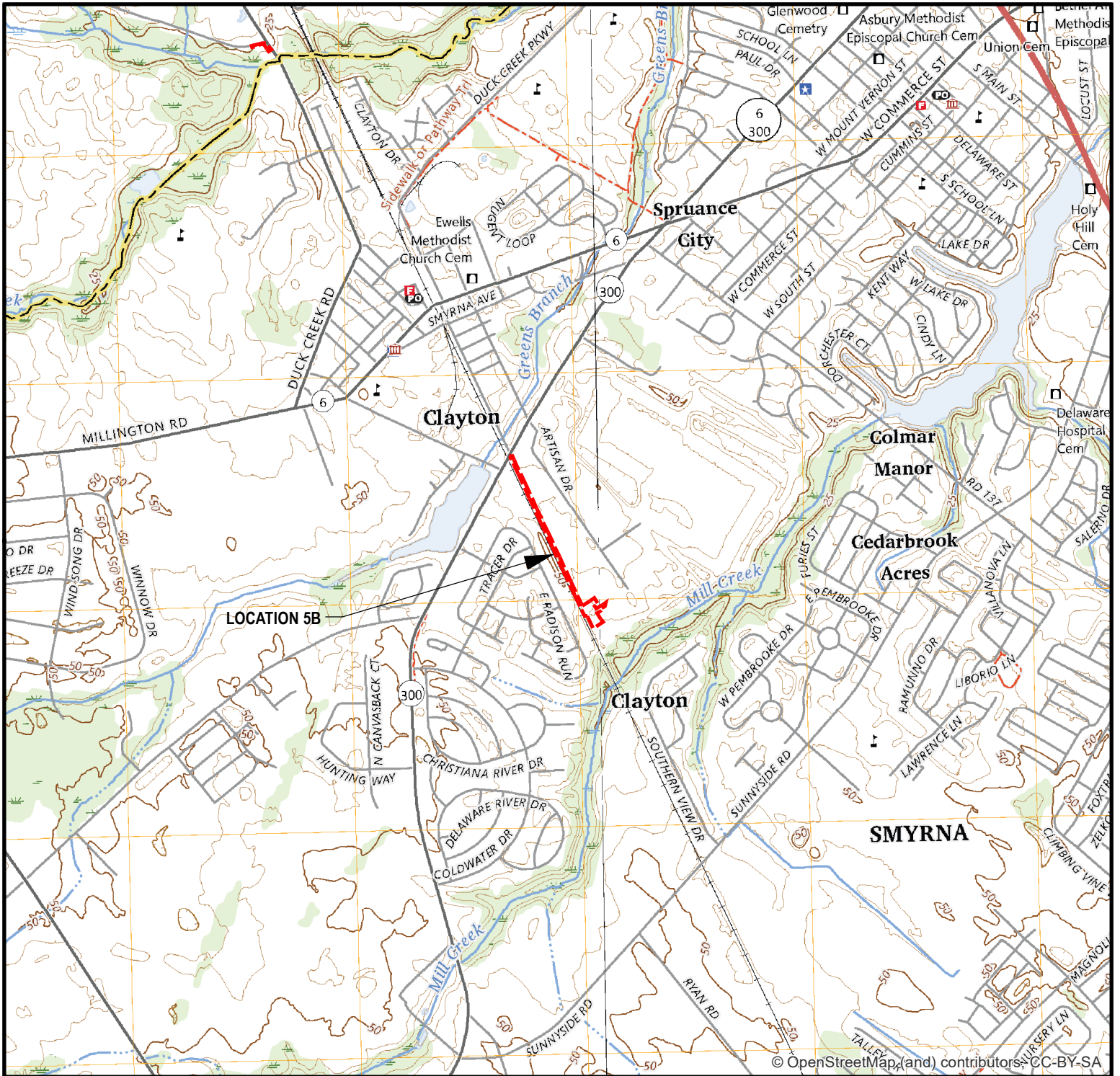
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**USGS TOPOGRAPHIC MAP
 DEMEC SERVICE LINE (LOCATION 5A)**

NEW CASTLE COUNTY, MARYLAND

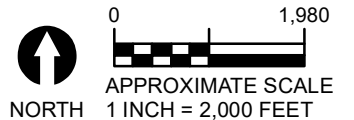
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SOURCE: UNITED STATES GEOLOGICAL SURVEY (USGS), CLAYTON, DE & SMYRNA, DE QUADRANGLES, 7.5 MINUTE TOPOGRAPHIC MAP SERIES, BOTH DATED 2023

LEGEND

LOCATION 5B



GEO-TECHNOLOGY ASSOCIATES, INC.
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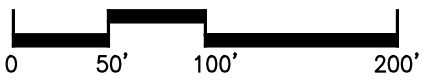
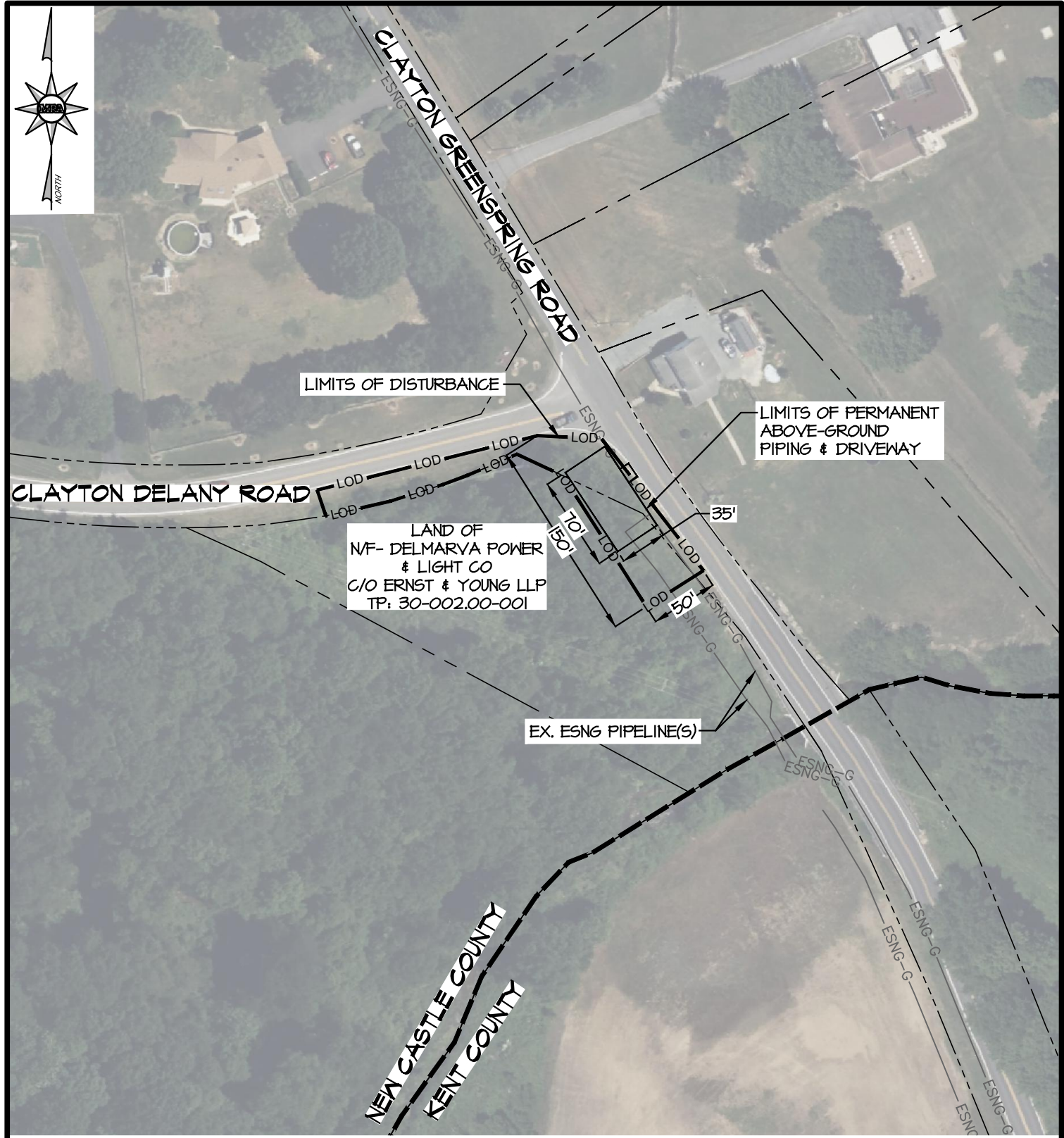
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**USGS TOPOGRAPHIC MAP
 DEMEC SERVICE LINE (LOCATION 5B)**

KENT COUNTY, MARYLAND

JOB NO.	22755X05	SCALE:	1"=2,000'	DATE:	MAY 8, 2024	DRAWN BY:	CEL	REVIEW BY:	MAJ/TAS	FIGURE:	5B
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Site Sketches



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS
 111 Ruthar Dr.
 Newark, Delaware 19711
 (302) 326-2200

EXHIBIT A
EASTERN SHORE NATURAL GAS
 ESNG 2024 ILI LOCATION 5A SKETCH
 TP: 30-002.00-001
 TOWN OF CLAYTON, NEW CASTLE COUNTY, DE

SCALE: 1"=100'

DATE: 5/15/2024

DRAWN BY: DXI

REVIEW BY: CWB

JOB NO. 22755X05

PG. 1 OF 1



MATCHLINE - SEE SHEET 2 OF 2

LAND OF
N/F-STATE OF DELAWARE
TP:1-17-1800-1-407

LAND OF
N/F-TOWN OF SMYRNA
TP:1-17-1800-1-416

CONSTRUCTION ACCESS ONLY

EX. ESGN PIPELINE(S)

LIMITS OF PERMANENT
ABOVE-GROUND PIPING

80'
65'

LAND OF
N/F-DELAWARE
MUNICIPAL ELECTRIC
CORPORATION
TP:1-17-1800-1-409-1

LIMITS OF DISTURBANCE

CONRAIL RAILROAD

LAND OF
N/F-TOWN OF SMYRNA
TP:1-17-1800-1-401



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Newark, Delaware 19711
(302) 326-2200

EXHIBIT A
EASTERN SHORE NATURAL GAS

ESNG 2024 ILI LOCATION 5B SKETCH

TP: 1-17-1800-1-409-1
TP: 1-17-1800-1-416

KENT COUNTY, DE

SCALE: 1"=100'

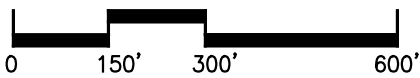
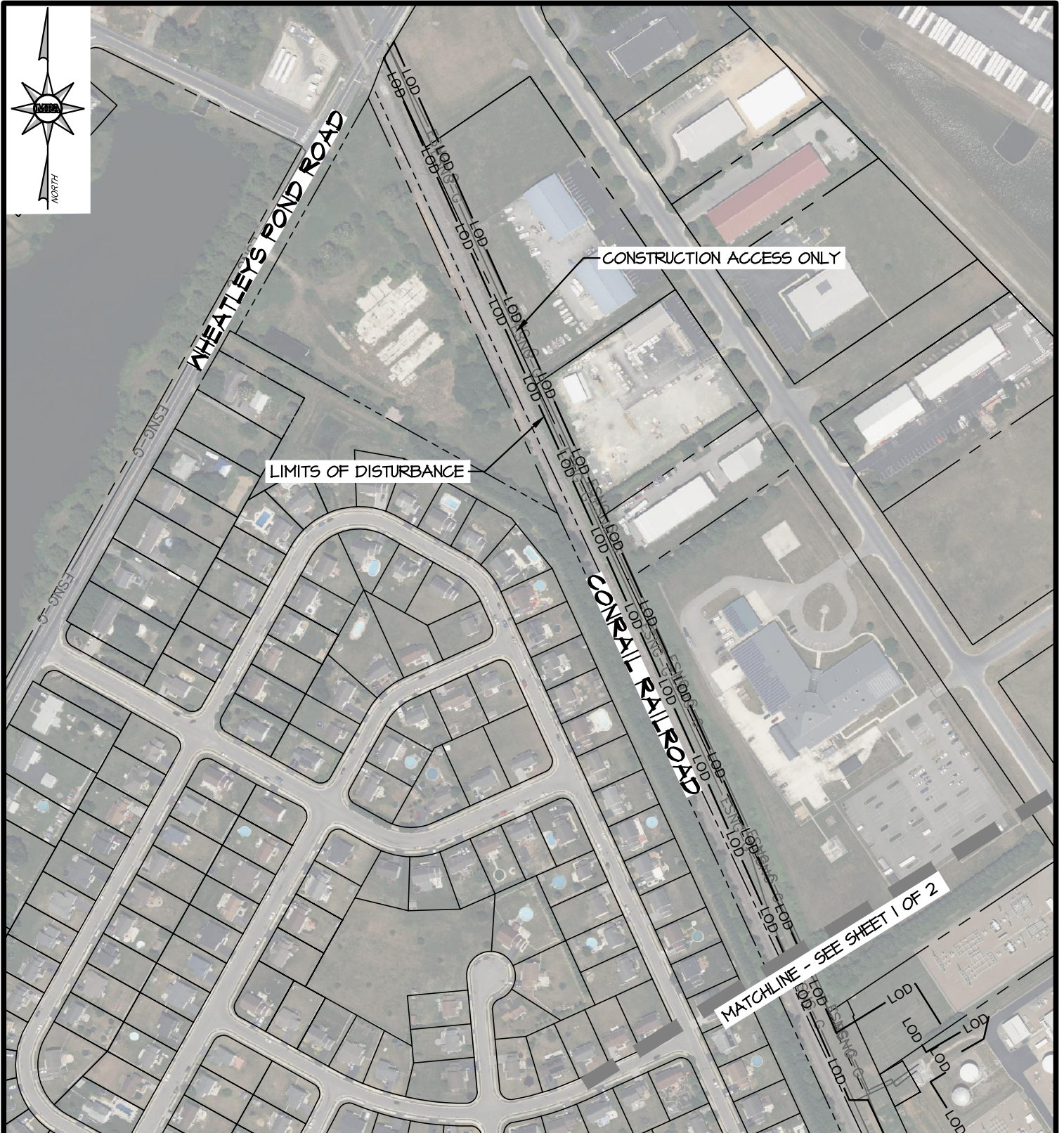
DATE: 5/15/2024

DRAWN BY: DXI

REVIEW BY: CWB

JOB NO. 22755X05

PG. 1 OF 2



MORRIS & RITCHIE ASSOCIATES, INC.

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111 Ruthar Dr.
Newark, Delaware 19711
(302) 326-2200

**EXHIBIT A
EASTERN SHORE NATURAL GAS**

ESNG 2024 ILI LOCATION 5B SKETCH

TP: 1-17-1800-1-409-1
TP: 1-17-1800-1-416

KENT COUNTY, DE

SCALE: 1"=300'

DATE: 5/15/2024

DRAWN BY: DXI

REVIEW BY: CWB

JOB NO. 22755X05

PG. 2 OF 2