

FILE



Dominion Energy®

2017 SEP 28 PM 3:14

**Construction Notice for the
PIR 778 12-inch High Pressure
Distribution Line Project**

**City of Canton and Canton Township,
Stark County, Ohio
For Existing Pipeline Replacement**

**Ohio Power Siting Board
Case No. 17-1973-GA-BNR**

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Submitted by
Dominion Energy Ohio
Project MWO 63315961
12065142v2



Bricker & Eckler
ATTORNEYS AT LAW

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Sally W. Bloomfield
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sbloomfield@bricker.com

September 28, 2017

Via Electronic Filing

Ms. Barcy McNeal
Administration/Docketing
Ohio Power Siting Board
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3793

**Re: Dominion Energy Ohio,
Case No. 17-1973-GA-BNR**

Dear Ms. McNeal:

Enclosed for filing in the above-referenced case is a copy of the Construction Notice Application of Dominion Energy Ohio ("DEO") to replace approximately 3,376 feet of existing 8-inch diameter pipeline with approximately 3,700 feet of 12-inch diameter pipeline. The new pipeline will be installed within public right-of-way as well as in DEO easements. In addition we have provided the Staff of the Ohio Power Siting Board with five hard copies of the Application.

DEO makes the following declarations pursuant to OAC Rule 4906-6-05(A):

Name of Applicant:	Dominion East Ohio 320 Springside Drive Akron, OH 44333
Name/Location of Proposed Facility:	PIR 2303 Distribution Line Replacement Project City of Canton, Canton Township, Stark County, Ohio
Authorized Representative Technical:	Nicholas R. Justus Engineer I Pipeline Infrastructure Replacement 320 Springside Drive Akron, OH 44333 Telephone: 330-664-4486 E-Mail: nicholas.r.justus@dominionenergy.com
Authorized Representative Legal:	Sally W. Bloomfield Dylan Borchers Bricker & Eckler LLP 100 South Third Street Columbus, OH 43215 Telephone: 614-227-2368, -4914 Facsimile: 614-2990 E-Mail: sbloomfield@bricker.com dborchers@bricker.com

Bricker & Eckler
ATTORNEYS AT LAW

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Notarized Statement: See Attached Affidavit of Nicholas R. Justus on behalf of Dominion Energy Ohio

Sincerely on behalf of
DOMINION ENERGY OHIO



Sally W. Bloomfield

Enclosure

**CASE NO. 17-1973-GA-BNR
PIR 778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

The following information is in accordance with the procedures set forth in Ohio Administrative Code (“OAC”) Chapter 4906-6 Accelerated Certificate Application Requirements of the Rules and Regulation of the Ohio Power Siting Board (“OPSB” or “Board”).

4906-6-05 APPLICATION REQUIREMENTS

4906-6-05(B)(1): Name and Reference Number

The applicant is Dominion Energy Ohio (“DEO”). The name of the pipeline project is PIR 778 Greentree Avenue. The internal project number is MWO 63315961.

4906-6-05(B)(1): Brief Description of Project

DEO is planning to replace approximately 3,376 feet of existing 8-inch diameter pipeline with 3,700 feet of 12-inch diameter pipeline. The new pipeline will be installed within public right-of-way (“ROW”) as well as in DEO easements. The location of the new pipeline will be installed offset from the existing pipeline by varying degrees. On the west end of the project the line will follow a new agreed upon easement that follows the property line up to Greentree Avenue where it intersects with the existing line. For the rest of the project the line will be offset from the existing line by ten feet. A small 2-inch branch will be used to tie into the Dueber Avenue Station.

The proposed pipeline is located within City of Canton and Canton Township, Stark County, Ohio as described above. Existing public roadways will provide the required equipment access.

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4906-6-05 (B)(1): Why the Project Meets the Requirements for CN

This project qualifies as a Construction Notice because it fits the criteria of OAC Rule 4906-1-01, Appendix B (1) that provides for the replacement of an existing pipeline if it is less than one (1) miles in length. In this instance, DEO will be installing approximately 3,700 feet (0.70 miles) of pipeline.

The replacement pipeline will be located entirely within DEO's service area. DEO owns and operates the existing line that will be replaced and will continue to own and operate the replacement pipeline. The primary purpose of the replacement will be to take out of service the aging and obsolete pipeline to assure a safe and constant natural gas supply to DEO's customers.

4906-6-05(B)(2): Statement of Need for the Proposed Facility

DEO currently transports gas in the existing pipeline to supply various distribution pipeline systems that ultimately supply end use customers. This replacement is being completed to continue to meet the current supply demand. In addition, the pipeline replacement will allow for a complete integrity evaluation along high pressure pipeline #2471 between the defined beginning and end points of the project. The project design and construction is an effort to maintain pipeline safety and integrity.

4906-6-05(B)(3): Location of the Project

Attachment A contains a map that illustrates the location of the proposed project in relation to existing or proposed lines and substations are shown on an area system map. Green Tree is under is under the jurisdiction of the City of Canton, Stark County, Ohio.

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4906-6-05(B)(4): Alternatives Considered

As mentioned earlier, DEO is planning to replace existing pipeline, totaling approximately 3,376 feet of existing 8-inch diameter pipeline with approximately 3,700 feet of 12-inch diameter pipeline within public ROW. Removing the old line and installing the new line in its place was the only one other alternative was considered due to the easement constraints. This option was discarded due to its higher cost, the increased number of trees that would need to be cut down along the length of the line, and the greater disturbance caused by the increased timeline and shallow corridors and the need to curtail service during construction. By installing the pipeline offset from the existing line DEO gains the following benefits: protects the residents from excessive disturbance, keeps customers in service, as well as decreases the cost of the project.

4906-6-05(B)(5): Description of Public Information Program

DEO has sent a letter to property owners and tenants listed on **Attachment B** informing them of the nature of the project, the proposed timeframe of the project construction, and restoration activities. Another set of letters will be sent prior to construction as construction activities being conducted in the vicinity of the property owners or tenants and after restoration of disturbed areas.

Notification letters were sent the week of September 11, 2017 to all parties identified on **Attachment B**. Model landowner notification letter is included for reference in **Attachment C-1**. A copy of the pre-construction letter to be sent to all the landowners and tenants prior to the start of construction is included as **Attachment C-2**.

4906-6-05(B)(6): Anticipated construction schedule, in-service date

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The construction of the replacement pipeline is anticipated to begin in October 2017. DEO plans to place the line in-service by December, 2017.

4906-6-05(B)(7): Project Area Map and Directions

An area map that is at least of a 1:24000 scale that depicts roads, streets, and highways is attached as **Attachment A**.

4906-6-05(B)(8): Property Owner List

A list of the affected properties for which DEO has obtained easements, options, and/or land use agreements is given on **Attachment B**, which also contains the addresses of tenants affected by the accelerated application. Easements have been obtained from all affected property owners.

4906-6-05(B)(9)(a): Operating Characteristics, Required Structures, and Right-of-Way and/or Land Requirements

Pipeline MAOP: The new pipeline will operate at an MAOP of 160 psig, and have a diameter of 12-inches.

Pipe Material: The proposed 12-inch steel pipeline will have a wall thickness of 0.375 inch and a yield strength of 42 thousand pounds per square inch ("psi"). The pipelines will be cathodically protected by a seventeen (17)# anode and will be externally coated with 14-16 Mills of Fusion Bonded Epoxy.

Structures: No additional structures will be required for the new pipeline.

Right-of-Way ("ROW") and/or Land Requirement: The land needed in the project will be located within public right away and DEO Easements. The temporary construction

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materials laydown areas will be necessary and will be determined after the bid has been awarded to the construction contractor.

As is customary with DEO's projects, the chosen contractor will select the areas of laydown and will arrange for the temporary easements directly. As soon as the contractor selects the laydown area(s), DEO will provide Staff with the laydown location(s) as late-filed information. DEO requests that the submission of the laydown information be made a condition as was included in the Staff Report dated March 15, 2017 in DEO's PIR 2352 Pipeline Project, Case No. 17-467-GA-BNR. Construction of the project will not begin until the Staff has approved the laydown area(s).

4906-6-05(B)(9)(b): Electric and Magnetic Fields

This project involves the construction of a natural gas pipeline; therefore, this section is not applicable.

4906-6-05(B)(9)(c): Estimated Capital Costs

The 2016 capital cost of this project is estimated to be approximately \$957,425.00

4906-6-05(B)(10)(a): Land Use

The proposed project is located within Canton Township and the City of Canton, in Stark County, Ohio. The pipeline will be replaced in DEO easements and public right of way. Land use associated with the project area consists of moderately-populated, residential areas with land covers of mowed lawn, successional woods, emergent wetland, scrub/shrub wetland, and forested wetland. Any tree clearing needed for construction will take place within the seasonal clearing window from October 1 to March 31. Approximate tree clearing for this project in wooded areas totals 0.5 acres

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The affected areas of the project include the Canton Township and the City of Canton in Stark County, Ohio,

4906-6-05(B)(10)(b): Agricultural Land

As mentioned previously, land use associated with the project area consists of moderately-populated, residential areas with land covers of mowed lawn, successional woods, emergent wetland, scrub/shrub wetland, and forested wetland. None of the properties within the project area are designated as agricultural district lands.

4906-6-05(B)(10)(c): Archeological and Cultural Resources

In November 2016, DEO's consultant, Davey Resource Group, performed a Desktop Literature Review of archeological and cultural resources for the study corridor (refer to page 3 in **Attachment D** and **Attachment E**). The study corridor of their assessment included 30 feet on either side of the existing and proposed pipeline locations within the sixty (60)-foot easements. The desktop literature review included a search for records of Determinations of Eligibility, Ohio Archaeological Inventory ("OAI") Properties, National Register Listed Properties, National Register Listed Districts, Ohio Historic Inventory ("OHI) properties, and Phase 1, 2, or 3 Survey Areas. According to the records search, no known historic or archaeological features are located within or adjacent to the project area.

4906-6-05(B)(10)(d): List of Governmental Agencies Which Have Requirements to be met by the Project

The following agencies have requirements to be met at various times by this project:

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Name of Agency	Document to be Submitted	Attachment
U.S. Fish and Wildlife Service (USFWS)	September 21, 2017 Information for Planning and Consultation	H
Ohio Historic Preservation Office (OHPO)	November 2016 Desktop Literature Review Maps	E
	February 22, 2017 Field Summary Report Includes: Water Resource Delineation Cultural Resources	D
Ohio Environmental Protection Agency	NOI for General Construction Stormwater Permit Application	G
Ohio Department of Natural Resources	September 14, 2017 Endangered Species Consultation	I
Stark County Soil and Water Conservation District	Stormwater Pollution Prevention Plan and Application	F
Stark County Engineering Department	Requisite construction permits	To be obtained prior to construction
City of Canton Engineering Department	Stormwater Pollution Prevention Plan (Courtesy Copy of County Submittal)	F
	Requisite construction permits	To be obtained prior to construction

A construction Storm Water Pollution Prevention Plan (“SWPPP”) has been prepared for the project. A copy of the SWPPP is attached as **Attachment F**. The SWPPP will be included in the package submitted for competitive bids from contractors. In addition, the SWPPP was submitted to the Stark County Soil and Water Conservation District (“SWCD”) for review and approval (**Attachment F**). Authorization from the Stark County SWCD is valid for two (2) years from the receiving approval. In addition, a courtesy copy of the Stark County SWCD submittal was provided to the City of Canton for their records (**Attachment F**).

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A Notice of Intent (“NOI”) application for coverage under the Ohio Environmental Protection Agency (“Ohio EPA”) General Permit OHC000004 – Construction Storm Water was submitted for the project and the application is included as Attachment G. The issued approval letter is pending, and will be late filed when received.

Hydrostatic testing will need to be completed for this project. The discharge method and location for hydrostatic test waters will be determined when the construction contract is awarded, or during the pre-construction meeting. Should hydrostatic test waters be discharged into Waters of the State, authorization for coverage under the Ohio EPA General Permit OHH000002 – Hydrostatic Test Water is required. A Hydrostatic Test Water Discharge Notice of Intent (“HTNOI”) must be submitted to the Ohio EPA one month prior to hydrostatic testing. When approval from the Ohio EPA is received, the contractor will adhere to the applicable construction terms and conditions of Hydrostatic Test Water General Permit OHH000002.

Once construction plans are completed, they will be submitted to the Stark County Engineering Department and the City of Canton for the appropriate construction related permits.

DEO requests that Staff include a condition such as the one given in *Vectren Energy Delivery of Ohio, Inc.*, Case No. 16-2175-GA-BLN that prior to the commencement of construction activities in areas that require permits or authorizations by federal or state laws and regulations, DEO shall obtain and comply with such permits or authorizations.

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There are no other known local, state, or, federal requirements that must be met prior to commencement of construction on the proposed pipeline project.

4906-6-05(B)(10)(e): Federal and State Designated Species

In December 2016 and August 2017, DEO's consultant, Davey Resource Group, reviewed the project corridor for suitable habitat for federally listed species known to be located within Stark County, Ohio. The study corridor included 30 feet on either side of the existing and proposed gas lines within the sixty (60)-foot wide easements. The easements extends approximately 1,600 feet east of Dueber Avenue SW, and approximately 1,650 feet west to I-77, where the easement extends south parallel to I-77 for approximately 550 feet.

The study area contains one (1) wetland and one (1) stream but these water resources will be avoided and will not be impacted by construction. Additionally, there is a stormwater basin within the study area, however this feature is not a Water of the U.S. and is therefore not subject to regulatory oversight by the U.S. Army Corps of Engineers ("USACE"). As such, neither a permit nor authorization is required from USACE, nor is there any other federal nexus involved with the implementation of this project. Therefore, no formal coordination was conducted with the U.S. Fish and Wildlife Service; however, review of potential habitat for the federally listed species located in Stark County.

The federally listed species whose range includes Stark County are: the federally endangered Indiana bat (*Myotis sodalis*), the federally threatened northern long-eared bat

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(*Myotis septentrionalis*), the federally threatened eastern massasauga rattlesnake (*Sistrurus catenatus*), and the bald eagle (*Haliaeetus leucocephalus*), a federal species of concern.

According to the report provided by Davey Resource Group (**Attachment D**), PIR 778 is in a rural, primarily residential setting with trees of various sizes scattered throughout the project area. No wooden structures occur in the study area. Successional woods border the pipeline easement throughout the project area. Additionally, three (3) trees were identified with characteristics that may potentially provide habitat for the Indiana bat and northern long-eared bat. It will be necessary to remove trees, including the potential bat habitat trees, along the route of the pipeline. In order to minimize impacts to the federally listed bats, clearing of trees within the project area will be completed between October 1 and March 31.

The eastern massasauga was added to the Stark County list in May 2017 following Davey Resource Group's evaluation. The eastern massasauga is a small, docile rattlesnake found in wet prairies, marshes, fens, and low areas along rivers and lakes. Although the wetland within the study area has areas of emergent vegetation, this wetland is within an existing easement and is subject to periodic mowing. Because of these disturbances, this rattlesnake would not be expected to occur in or near this disturbed wetland, and further, the wetland will be avoided by construction. In addition, on September 21, 2017, DEO accessed the U.S. Fish and Wildlife Service ("USFWS") online Information for Planning and Consultation ("IPaC") system requesting information on federally listed, threatened, or endangered species in the project area. The eastern massasauga was not identified as a species potentially affected by activities for the project

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location per the USFWS IPaC system, which reviews the project area in relation to range maps of listed species records (**Attachment H**).

The bald eagle is protected under the Bald and Golden Eagle Protection Act. The bald eagle nests in large trees near water. No bald eagles or bald eagle nesting sites were observed within or adjacent to the study area. Additionally, Canton within Stark County has no known bald eagle nesting sites per information provided by USFWS and the bald eagle was not identified during the IPaC system review (**Attachment H**).

DEO initiated coordination with the Ohio Department of Natural Resources (“ODNR”) for the project on September 14, 2017 to determine potential impacts to state-listed species and natural areas with ecological and/or geological significance prior to construction (**Attachment I**). A response is pending, and will be late filed when received.

4906-6-05(B)(10)(f): Areas of Ecological Concern

There are no national or state parks or forests, Federal Emergency Management Agency 100-year floodplains, national or state wild and scenic rivers, designated or proposed wilderness areas, wildlife refuges, wildlife management areas, or wildlife sanctuaries located in the immediate vicinity of the proposed project.

A delineation performed by Davey Resource Group on December 6, 2016, identified one (1) wetland and one (1) stream on the eastern end of the study area (**Attachment D**). These water resources will be avoided during construction and will not be impacted. Additionally, a stormwater basin was identified within the project area west of Greentree Avenue SW; this feature is not a Water of the U.S. However, Best

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Management Practices will be implemented to protect water quality and, if impacted, the basin will be restored to pre-construction contours to protect water retention functions.

4906-6-05(B)(10)(g): Any Known Unusual Conditions Resulting in Significant Environmental, Social, Health, or Safety Impacts

As illustrated by the studies and investigations conducted as a part of this project to date (refer to the Attachments), there are no readily known unusual conditions in the area of the proposed project that will result in significant environmental impacts. Additionally because this project proposes to replace an existing pipeline primarily within existing pipeline easements, there has already been prior ground disturbance and maintenance in the area. Other than potential health and safety issues associated with construction, which will be minimized with the best practices during construction, there are no additional health, social or safety impacts that will exist as a result of this project.

**4906-6-07 SERVICE AND PUBLIC DISTRIBUTION OF ACCELERATED
CERTIFICATE APPLICATIONS**

4906-6-07(A)(1): Service of Accelerated Application Upon Officials

Simultaneously with the filing this accelerated application with the Board, DEO has caused a copy of the application to be delivered to the following public officials

William J. Healy II
Mayor, City of Canton
P.O. Box 24218
Canton, OH 44702

Dan Moeglin, P.E., S.I.
Rick Bodenschatz
City of Canton Engineering Dept.
2436 30th St. N.E.
Canton Ohio 44705

Stark County Commissioners
c/o Brant A. Luther
County Administrator
110 Central Plaza South, Suite 240
Canton, OH 44702

Anthony Peldunas
President
Stark County Regional Planning
Authority
201 3rd Street, Suite 201
Canton, Ohio 44702-1211

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Keith A Bennett, P.E., P.S.
Dave Torrence, P.E, P.S.
Stark County Engineer
5165 Southway St. SW
Canton, Ohio 44706

Jonathan Smith,
Road Superintendent
Canton Township Road Department
4711 Central Ave. SE
Canton, Ohio 44707

Bill Smith,
Board of Trustee President
Canton Township Board of Trustees
Office
4711 Central Ave. SE
Canton, Ohio 44707

Donald Bendetta,
Stark County Utility Coordinator
5165 Southway St. SW
Canton, Ohio 44706

A copy of this accelerated application and a transmittal letter (**Attachment J**) has been sent to the officials listed above.

4906-6-07(A)(2): Service of Accelerated Application Upon Main Public Libraries of Each Political Subdivision

A copy of this accelerated application is being sent to the Stark County District Main Library located at 715 Market Avenue N., Canton, OH 44702.

4906-6-07(A)(3): DEO's Website

A copy of the accelerated application is located on DEO's web page at <https://www.dom.com/business/dominion-east-ohio/customer-service/rates-and-regulation/siting-board-filings>. Choose the case number of this case and double click to view the application.

Further interested persons may contact DEO at 320 Springside Drive, Akron, Ohio, 44333 to obtain either an electronic copy or a paper copy of this accelerated application.

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4906-6-07(B): Proof of Compliance

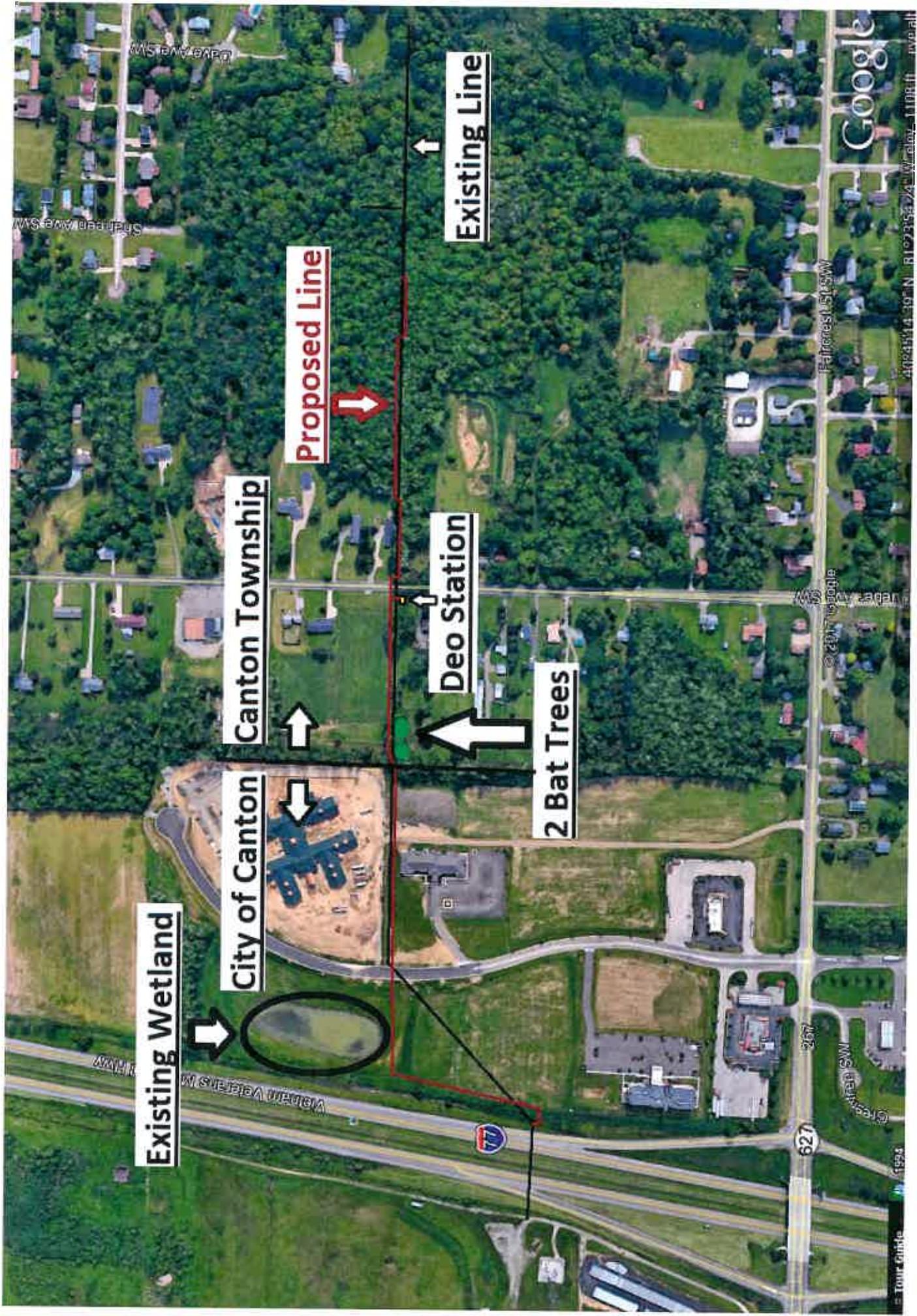
Within seven (7) days of the filing of this accelerated application, DEO will cause proof of compliance with this requirement to be filed with the Board.

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ATTACHMENT A

AERIAL MAP



Existing Wetland

City of Canton

Canton Township

Proposed Line

Deo Station

2 Bat Trees

Existing Line

Google



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ATTACHMENT B

**LANDOWNERS OF PERMANENT & TEMPORARY
EASEMENTS/TENANTS**

PIR PROJECT PIR # 778
MWO # 63315961
Ref. # 16-0112

Current Property Owner	Property Address	City	State	Zip	Mailing Address	City	State	Zip	Parcel #
New Dawn Development Ltd.	Greentree Ave. SW	Canton	Ohio	44706	865 E. Iron St.	Dover	Ohio	44622	10007645 10007640
New Dawn Real Estate	Greentree Ave. SW	Canton	Ohio	44706	865 E. Iron St.	Dover	Ohio	44622	10007643 10007641
Ore Chester Company, LLC	3840 Greentree Ave. SW	Canton	Ohio	44706	7958 Erie Ave. NW	Canal Fulton	Ohio	44614	8300069
Bruce & Darlene White	Dueber Ave. SW	Canton	Ohio	44706	3717 Dueber Ave. SW	Canton	Ohio	44706	1313902
Mary Smarr	3833 Dueber Ave., SW	Canton	Ohio	44706	3833 Dueber Ave., SW	Canton	Ohio	44706	1309204
David A. Kerry	3820 Dueber Ave. SW	Canton	Ohio	44706	5957 Sky Ridge Ave., NE	Louisville	Ohio	44641	1302127
Sipasak Properties LLC	Dueber Ave. SW	Canton	Ohio	44706	5304 Cleveland Ave. S.	Canton	Ohio	44707	1312773
Jennifer T. Braden	3801 Dave Ave. SW	Canton	Ohio	44706	3801 Dave Ave. SW	Canton	Ohio	44706	1313098
Ohio Department of Transportation	Faircrest Street SW	Canton	Ohio	44706	2088 South Arlington Rd.	Akron	Ohio	44306	8380023
David & Melissa Burnside	3900 Dueber Avenue SW	Canton	Ohio	44706	3900 Dueber Avenue SW	Canton	Ohio	44706	1314016

C

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ATTACHMENT C

MODEL NOTIFICATION LETTER TO PROPERTY OWNERS SENT

FIRST LANDOWNER LETTER

September 14, 2017

Dear Property Owner or Tenant:

New Pipeline Project

Dominion Energy Ohio (DEO) is preparing to construct a pipeline project replacing approximately 3,376 feet of existing 8-inch diameter pipeline with 3,700 feet of 12-inch diameter pipeline. This project is located within existing DEO easements and public right of way (starting next to I-77 heading East crossing Dueber Avenue and continuing East in DEO Easements).

Please be assured that during work on the project described above, all of DEO's Standard Safety and Operating Procedures and all applicable federal, state and local laws, regulations and ordinances will be fully adhered to.

Timeline for Construction of the Project

DEO anticipates that construction of the replacement pipeline will commence on or about October 2017. The construction is expected to last until approximately December 2017.

Restoration Activities

DEO will restore your property to the state that it was in prior to DEO's construction activities. It expects that the restoration activities will be completed by June 2018.

Tenants

If you have tenants occupying this property, please advise them of this pipeline project.

Questions

Should you have any questions concerning this pipeline project, please contact Dominion Energy Ohio's Land Services Department at 1-855-226-6022.

Sincerely,

DOMINION ENERGY OHIO

Land Services Department

**SECOND LANDOWNER MODEL LETTER
TO BE SENT 7 DAYS PRIOR TO CONSTRUCTION**

ATTACHMENTC-2

[DATE]

ADDRESS

Dear Property Owner or Tenant:

New Pipeline Project

As we indicated to you in a prior letter, Dominion Energy Ohio (DEO) is preparing to construct a pipeline project replacing approximately 3,376 feet of existing 8-inch diameter pipeline with 3,700 feet of 12-inch diameter pipeline. This project is located within existing DEO easements and public right of way (starting next to I-77 heading East crossing Dueber Avenue and continuing East in DEO Easements).

Please be assured that during work on the project described above, all of DEO's Standard Safety and Operating Procedures and all applicable federal, state and local laws, regulations and ordinances will be fully adhered to.

Timeline for Construction of the Project

DEO anticipates that construction of the replacement pipeline will commence on or about October 2017. The construction is expected to last until approximately December 2017.

Restoration Activities:

DEO will restore your property to the state that it was in prior to DEO's construction activities. Once the work is complete, restoration will begin as soon as weather permits, including sidewalks, driveways and approaches. Typical yard restoration is limited to grading and seeding. DEO expects that the restoration activities will be completed by June 2018

Tenants

If you have tenants occupying this parcel, please advise them of this pipeline project.

Questions/Complaints:

DEO has a complaint resolution process. Should you have any questions concerning this pipeline project, please contact Dominion East Ohio's Land Services Department at 1-855-226-6022 who will see that it is communicated to DEO's Project Manager, David Hollendonner. Please mention the project reference, located on the bottom of this letter, when you call. If you have a complaint during construction or restoration, your call will be returned in a timely manner. Please be aware that DEO will make every best effort to resolve issues pertaining to the project.

Safety is Dominion's highest priority. Be assured we will take every possible step to ensure the security of the area, your property, your family and our employees.

Sincerely,

DOMINION EAST OHIO

Land Services Department

D

100% Recycled 30% PCW



**CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT D

DAVEY RESOURCE GROUP'S FIELD SUMMARY REPORT



A Division of The Davey Tree Expert Company

February 22, 2017

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Dave Hollendonner
The East Ohio Gas Company
320 Springside Drive, Suite 320
Akron, Ohio 44333

RE: *Field Summary Report*—PIR 778 – Dueber Avenue SW, Canton and Canton Township, Stark County, Ohio

Dear Mr. Hollendonner:

As requested, Davey Resource Group performed an ecological study on the area encompassing PIR 778 – Dueber Avenue SW. The project area includes 30 feet on either side of the gas line that crosses perpendicular to Dueber Avenue SW, extending approximately 1,250 feet west then 700 feet southwest towards I-77, and extending 1600 feet east from Dueber Avenue SW. This survey was performed to collect information on wetlands, streams, potential endangered species habitat, and to map existing stormwater features. The data presented in this report reflect ecological information collected during the field survey. Maps depicting all ecological data collected in the field are located in Attachment A. Representative photographs of the project area are included in Attachment B.

SITE DESCRIPTION

The project area was surveyed on December 8, 2016. The project area is located within rural residential, and agricultural areas with land covers of mowed grass, lawn trees, successional woods, agricultural field, new field, pasture, emergent wetland, scrub/shrub wetland, and forested wetland.

WATER RESOURCE DELINEATION - WETLANDS

One (1) wetland is located on the eastern end of the project area and extends off site both north and south of the pipeline easement. The function and quality of this wetland has been assessed using the Ohio Environmental Protection Agency Rapid Assessment Method, v. 5.0 (ORAM). This assessment method evaluates wetlands based on the level of disturbance, function, and integrity. Using the ORAM, wetlands are categorized as Category 1 (low quality), Category 2 (moderate quality), or Category 3 (high quality).

Although only 0.172 acre of Wetland A is located within the project area, this wetland extends off-site and is likely greater than seven acres. Within the easement and residential yard, the wetland is regularly mowed and has emergent vegetative cover. Outside of the easement, the wetland appears mostly undisturbed and has predominantly emergent cover, with some areas of scrub/shrub and forested vegetative cover. Wetland A receives hydrological input from precipitation and Stream 1, an intermittent stream. Wetland A has medium buffers (25m to <50m) consisting of upland successional woods. Wetland A received an ORAM score of 48.5, placing it within a Category 2 wetland. Photographs of the wetland are included in Attachment B. A table listing the wetland within the project area is included in Attachment C. The ORAM form is included in Attachment D.

WATER RESOURCE DELINEATION – STREAMS

One (1) intermittent stream drains from north to south through the eastern end of the project area.

The Headwater Habitat Evaluation Index (HHEI), as developed by the Ohio EPA, was used to assess the habitat value of the stream. The specific assessment method used is based on the drainage area of the stream or the maximum pool depth. That is, the HHEI protocol is used for streams having watersheds less than one (1) square mile or a maximum pool depth less than 40 centimeters.

The HHEI assessment method uses three (3) metrics to assess potential habitat: channel substrate composition, bankfull width, and maximum pool depth. These metrics are used to distinguish between Class I, II, and III primary headwater habitat streams. Generally, a Class I stream has ephemeral flow, Class II has intermittent or perennial flow with warm water, and a Class III stream has perennial flow with cool-cold water.

As the drainage area for Stream 1 is less than one (1) square mile, the HHEI was used to assess the habitat value of this stream. The substrate of this stream is composed primarily of hardpan and leaf pack. Stream 1 is surrounded by Wetland A, successional woods, and a residential property. Within the residential yard, the stream has been channelized and is modified with artificial rock substrate. Downstream of the easement, Stream 1 appears undisturbed. This stream received a score of 44, using the HHEI protocol. This places it within the range of a Modified Class II primary headwater habitat stream.

Photographs of this stream are included in Attachment B. A table listing the stream within the project area is included in Attachment C. The HHEI form is included in Attachment E.

INDIANA BAT (*MYOTIS SODALIS*) AND NORTHERN LONG-EARED BAT (*MYOTIS SEPTENTRIONALIS*) HABITAT SURVEY

Summer roosting habitat for the Indiana bat and the northern long-eared bat includes trees that contain characteristics such as exfoliating bark, dead wood, crevices, and cavities. To support a maternity colony, trees with a large amount of these habitat features need to have good solar exposure. These bats tend to inhabit trees at the edges of woodlots and along watercourses where they can travel and forage. Occasionally the northern long-eared bat may roost in structures like barns and sheds.

Dave Hollendonner
PIR 778 – Dueber Avenue SW
Page 3.

The project area was evaluated for potential habitat for these bats. No wooden structures occur in the project area. However, successional woods border the pipeline easement throughout the project area. The successional woods are composed primarily of *Carya ovata* (shagbark hickory), *Acer rubrum* (red maple), *Quercus rubra* (red oak) and *Prunus serotina* (black cherry), with diameters at breast height ranging from eight (8) to fourteen (14) inches. The understory is primarily composed of *Rosa multiflora* (multiflora rose), *Frangula alnus* (glossy false buckthorn), *Lonicera morrowii* (marrows honeysuckle), *Toxicodendron radicans* (poison ivy), and *Vitis* spp. (grape vine). The riparian corridor along Stream 1 extends beyond the project area providing connectivity to other forested areas and may provide foraging opportunities for these bats.

Additionally, three (3) trees were identified that have characteristics that may potentially provide habitat for the bats. The locations of these trees are marked on the map included in Attachment A. Photographs of these trees are included in Attachment B. The tree species, size, and habitat characteristics are listed in the table in Attachment F.

CULTURAL RESOURCES

Prior to the field survey, a review of the Ohio Historical Preservation Office (OHPO) data records for National Register Listed Districts, National Register Listed Properties, Archaeological Inventory Properties, Ohio Historic Inventory Properties, and Archaeological Phases 1–3 Survey Areas was done for PIR 778 – Dueber Avenue SW and areas immediately adjacent. No Listed Districts, Listed Properties, Archaeological Properties, Ohio Historic Inventory structures, or Survey Areas were identified within or adjacent to the project area.

If you have any questions or comments concerning this field summary report or if you need additional information, please contact me at 330-673-5685, ext. 8027 or via e-mail at valerie.locker@davey.com.

Sincerely,



Valerie Locker, Project Manager
Natural Resource Consulting

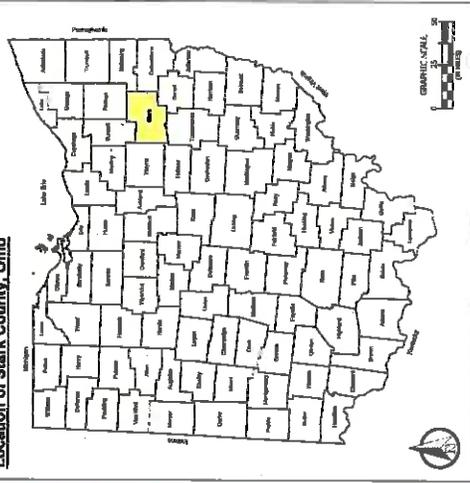
cc: Greg Eastridge, Dominion Resources Services, Inc.
Scott Larson, Davey Resource Group

Attachment A
Ecological Feature Maps

Map View Location Map



Location of Stark County, Ohio



The information presented is not a survey or engineering product, and should not be used for any purpose provided by applicable law or regulation that requires a surveying or engineering license.

— Approximate study area



Prepared for:
The East Ohio Gas Company

PIR 778 - Duesber Avenue SW
Pipeline Replacement Project
Canton and Canton Township
Stark County, Ohio

Date issued in electronic file:
December 8, 2018





--- Potential road line for the potentially installed pipeline (Myxite works) and the facility associated northern (Myxite recognizes)

--- Existing gas line

- Approximate study area
- Intermittent stream
- Non-potential wetlands (then)
- Division of flow
- Existing capacity

- Potential road line for the potentially installed pipeline (Myxite works) and the facility associated northern (Myxite recognizes)
- Area of wetlands delineated within study area (0.172 acre)



The East Ohio Gas Company

PR 178 - Duiker Avenue SW
 Pipeline Replacement Project
 Carbon and Carbon Footprint
 State County, Ohio

Data used to produce this map was collected on December 8, 2016



■ Gas line marker/flag
 ■ Existing gas line



- Approximate study area
- Intermittent stream
- Non-jurisdictional residential ditch
- Direction of flow
- ⊗ Existing culvert(s)

- 1 ■ Potential roset tree for the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*)
- Areas of wellheads delineated within study area (0.172 acre)



Provided by:
The East Ohio Gas Company

PIR 778 - Duber Avenue SW
 Pipeline Replacement Project
 Canton and Canton Township
 Stark County, Ohio



— Gas line mainline
— Existing gas line

1 = Potential road top for the federally designated Indiana 601 (Myrtle avenue) and the federally designated northern long-stem red oak (Myrtle avenue)

2 = Area of wetlands delineated within study area (0.172 acre)

— Approximate study area
— Intersecting stream
— Non-perpetual watercourse ditch
— Direction of flow
() Existing culvert(s)



Client: The East Ohio Gas Company
 Project: PIR 778 - Duellier Avenue SW Pipeline Reassessment Project
 Location: 4641 Collins Township, Stark County, Ohio

Data used to produce this map were collected on December 8, 2016.

Attachment B
Photographs

***PIR 778 – Dueber Avenue SW
Photographed December, 8 2016***



Photograph 1. Rural, residential development is the predominant land use associated with the PIR 778 – Dueber Avenue SW project.



Photograph 2. Agriculture development is located in the western end of the project area.

**PIR 778 – Dueber Avenue SW
Photographed December, 8 2016**



Photograph 3. Successional woods surround the pipeline easement throughout the project area.



Photograph 4. A new field is associated with the residential building in the western end of the project area.

**PIR 778 – Dueber Avenue SW
Photographed December, 8 2016**



Photograph 5. A grazing pasture is located adjacent to the pipeline easement where the easement intersects Dueber Avenue SW.



Photograph 6. Dueber Avenue SW has ditches along both sides of the road.

**PIR 778 – Dueber Avenue SW
Photographed December, 8 2016**



Photograph 7. Wetland A has predominantly emergent vegetative cover, and is mowed within the easement.



Photograph 8. Outside of the easement, Wetland A has areas of shrub/scrub and forested vegetative covers.

**PIR 778 – Dueber Avenue SW
Photographed December, 8 2016**



Photograph 9. Upstream of the project area, Stream 1 drains through a residential development.

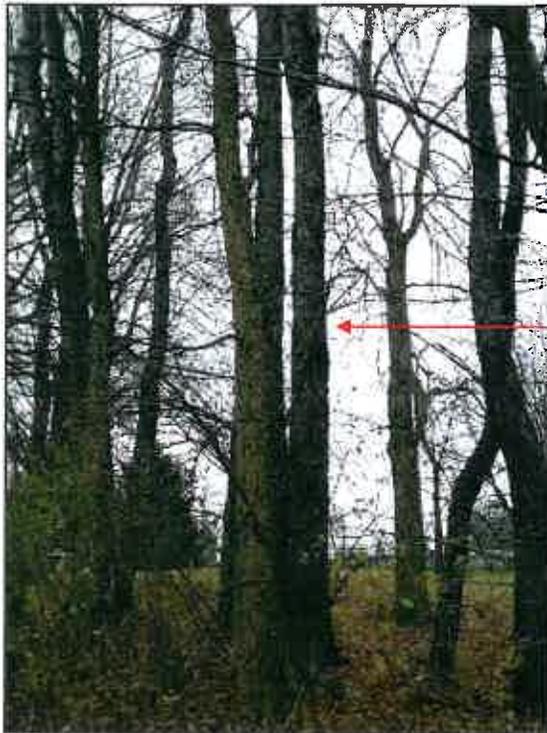


Photograph 10. Downstream of the easement, Stream 1 has 100% canopy cover. Artificial rock added within the easement area is visible at the bottom of the photograph.

PIR 778 – Dueber Avenue SW
Photographed December, 8 2016

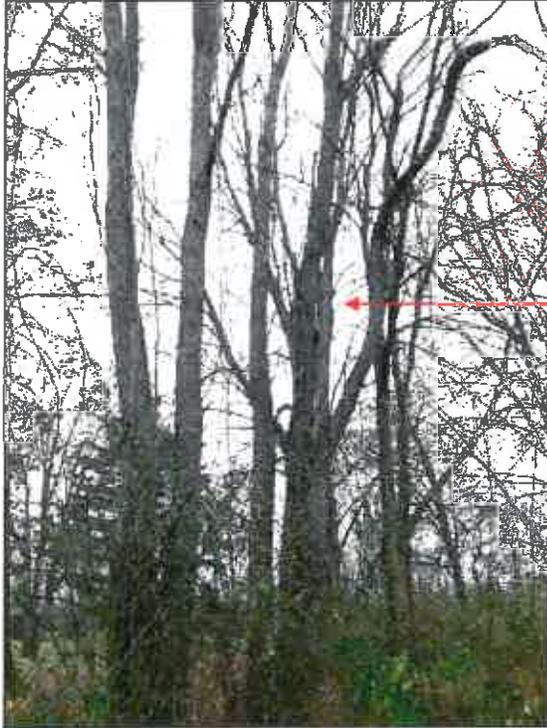


Photograph 11. The substrate of Stream 1 is mainly composed of hardpan and leaf pack.



Photograph 12. Tree number 1 is a *Prunus serotina* (black cherry).

**PIR 778 – Dueber Avenue SW
Photographed December, 8 2016**



Photograph 13. Tree number 2 is a *Prunus serotina* (black cherry).



Photograph 14. Tree number 3 is an *Ulmus pumila* (Siberian elm).

Attachment C
Wetland and Stream Delineated Within PIR 778

Wetland	Wetland (acre) within Project Area	Land Cover within Project Area	ORAM	Category
A	0.172	Emergent, Shrub/Scrub, Forested	48.5	2

Stream	Stream Length (lf) within Project Area	Bankfull Width (feet)	Flow Regime	Dominant Substrate Type(s)	HHEI	Class/ Designation
1	63.0	3.5	Intermittent	Hardpan and leaf pack	44	Mod Class II PHWH ¹

¹ Modified Primary Headwater Habitat

Attachment D
ORAM Form

Site: PIR 778 - Deuber Avenue SW			Date: 12/8/2016		
Wetlands: A			Rater: Scott Larson		
Wetland Acreage:	0.172+	ORAM Score:	48.5	ORAM Category:	Category 2

3	3
Subtotal	Points

Metric 1. Wetland Area (size). (max 6 pts)

Select one size class and assign score.

- >50 acres (>20.2ha) (6 pts)
- 25 to <50 acres (10.1 to <20.2ha) (5 pts)
- 10 to <25 acres (4 to <10.1ha) (4 pts)
- 3 to <10 acres (1.2 to <4ha) (3 pts)
- 0.3 to <3 acres (0.12 to <1.2ha) (2pts)
- 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)
- <0.1 acres (0.04ha) (0 pts)

11	8
Subtotal	Points

Metric 2. Upland buffers and surrounding land use. (max 14 pts)

2a. Calculate average buffer width (select one, do not double check)

- WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)
- MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4)
- NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1)
- VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)

2b. Intensity of surrounding land use (select one or double check & average)

- VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)
- LOW. Old field (>10 years), shrubland, young second growth forest. (5)
- MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3)
- HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)

29.5	18.5
Subtotal	Points

Metric 3. Hydrology. (max 30 pts)

3a. Sources of Water. Score all that apply.

- High pH groundwater (5)
- Other groundwater (3)
- Precipitation (1)
- Seasonal/intermittent surface water (3)
- Perennial surface water (lake or stream) (5)

3c. Duration inundation/saturation.

- (select one or double check & average)
- Semi- to permanently inundated/saturated (4)
 - Regularly inundated/saturated (3)
 - Seasonally Inundated (2)
 - Seasonally saturated in upper 30cm (12in) (1)

3b. Connectivity. Score all that apply.

- 100 year floodplain (1)
- Between stream/lake and other human use (1)
- Part of wetland/upland (e.g. forest), complex (1)
- Part of riparian or upland corridor (1)

3e. Modifications to natural hydrologic regime.

- (select one or double check & average)
- None or none apparent (12)
 - Recovered (7)
 - Recovering (3)
 - Recent or no recovery (1)

3c. Maximum water depth. Select only 1.

- >0.7 (27.6in) (3)
- 0.4 to 0.7m (15.7 to 27.6in) (2)
- <0.4m (<15.7in) (1)

Check all disturbances observed	
<input type="checkbox"/> ditch	<input type="checkbox"/> point source (nonstormwater)
<input checked="" type="checkbox"/> dike	<input checked="" type="checkbox"/> filling/grading
<input type="checkbox"/> tile	<input type="checkbox"/> road bed/RR track
<input type="checkbox"/> weir	<input type="checkbox"/> dredging
<input type="checkbox"/> stormwater input	<input type="checkbox"/> other- list

43.5	14
Subtotal	Points

Metric 4. Habitat Alteration and Development. (max 20 pts.)

4a. Substrate disturbance. Score one or double check and average.

- None or none apparent (4)
- Recovered (3)
- Recovering (2)
- Recent or no recovery (1)

4c. Habitat alteration. Score one or double check and average.

- None or none apparent (9)
- Recovered (6)
- Recovering (3)
- Recent or no recovery (1)

4b. Habitat development. Select one.

- Excellent (7)
- Very good (6)
- Good (5)
- Moderately good (4)
- Fair (3)
- Poor to fair (2)
- Poor (1)

Check all disturbances observed	
<input checked="" type="checkbox"/> mowing	<input checked="" type="checkbox"/> shrub/sapling removal
<input type="checkbox"/> grazing	<input type="checkbox"/> herbaceous/aquatic bed removal
<input checked="" type="checkbox"/> tree/clearcutting	<input type="checkbox"/> sedimentation
<input type="checkbox"/> selective cutting	<input type="checkbox"/> dredging
<input checked="" type="checkbox"/> woody debris removal	<input type="checkbox"/> farming
<input type="checkbox"/> toxic pollutants	<input type="checkbox"/> nutrient enrichment

43.5 subtotal this page

Site: PIR 778 - Deuber Avenue SW	Date: December 8, 2016
Wetland: A	Rater: Scott Larson

43.5 subtotal first page

43.5 0
Subtotal Points

Metric 5. Special Wetlands. (max 10 pts.)

Check all that apply and score as indicated

- Bog (10 pts)
- Fen (10 pts)
- Old Growth Forest (10 pts)
- Mature forested wetland (5 pts)
- Lake Erie coastal/tributary wetland-unrestricted hydrology (10 pts)
- Lake Erie coastal/tributary wetland-restricted hydrology (5 pts)
- Lake Plain Sand Prairies (Oak Openings) (10 pts)
- Relict Wet Prairies (10 pts)
- Known occurrence state/federal threatened or endangered species (10)
- Significant migratory songbird/waterfowl habitat or usage (10 pts)
- Category 1 Wetland. See Question 1 of Qualitative Rating. (-10 pts)

48.5 5
Subtotal Points

Metric 6. Plant Communities, interspersions, microtopography. (max 20 pts.)

6a. Wetland Vegetation Communities

Score all present using 0 to 3 scale

- Aquatic bed
- 2 Emergent
- 1 Shrub
- 0 Forest
- Mudflats
- Open water
- Other (list)

Vegetation Community Cover Scale

0	Absent or comprises <0.1 ha (0.2471 acres) contiguous area
1	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality
2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality

6b. Horizontal (plan view) Interspersion

Select only one

- High (5)
- Moderately high (4)
- Moderate (3)
- Moderately low (2)
- Low (1)
- None (0)

Narrative Description of Vegetation Quality

low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
moderate	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
high	A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp

6c. Coverage of invasive plants.

Refer to Table 1 ORAM long

form for list. Add or deduct

points for coverage

- Extensive >75 % cover (-5)
- Moderate 25-75% cover (-3)
- Sparse 5-25% cover (-1)
- Nearly Absent <5% cover (0)
- Absent (1)

Frangula alnus
Phalaris arundinacea

Mudflat and Open Water Class Quality

0	Absent <0.1 ha (0.2471 acres)
1	Low 0.1 ha to <1 ha (0.2471 acres to 2.47 acres)
2	Moderate 1 ha to <4 ha (2.47 acres 9.88 acres)
3	High 4 ha (9.88 acres) or more

6d. Microtopography

Score all present using 0 to 3 scale

- 0 Vegetated hummocks/tussocks
- 0 Coarse woody debris >15 cm (6")
- 0 Standing dead > 25 cm (10") dbh
- 0 Amphibian breeding pools

Microtopography Cover Scale

0	Absent
1	Present very small amounts or if more common of marginal quality
2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
3	Present in moderate or greater amounts and of highest quality

48.5 GRAND TOTAL (max 100 pts)

End of Quantitative Rating. Complete Categorization Worksheets.

Comments: Small portions of the wetland are disturbed within the easement and residential yard from channelization of Stream 1 and mowing. These disturbances do not appear to have impacted the overall functioning of the wetland.

Attachment E
HHEI Form



Primary Headwater Habitat Evaluation Form
HHEI Score (sum of metrics 1, 2, 3):

44

SITE NAME / LOC. Stream 1, PIR 778 - Duebar Avenue SW, Canton and Canton Twp, Stark County, Ohio
 SITE NUMBER _____ RIVER BASIN Tuscarawas HUC(05040001) Drainage Area (mi²) 0.14
 Length of Stream Reach (ft) 200 ft Lat. 40.754191 Long. -81.39203 RIVER MILE _____
 DATE 12/8/2016 SCORER Scott Larson COMMENTS Modified class II PHWH

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL ONE / NATURAL CHANNEL RECOVERED RECOVERING RECENT NO RECOVERY
 MODIFICATIONS The stream is channelized through the residential yard but downstream appears undisturbed

1. SUBSTRATE (Estimate percent of every type of substrate present. Check ONLY two predominant substrate TYPE boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.)

TYPE	PERCENT	TYPE	PERCENT
<input type="checkbox"/> BLDR SLABS [16 pts]	0%	<input type="checkbox"/> SILT [3 pts]	1%
<input type="checkbox"/> BOULDER (>256 mm) [16 pts]	0%	<input checked="" type="checkbox"/> LEAF PACK/WOODY DEBRIS [3 pts]	30%
<input type="checkbox"/> BEDROCK [16 pts]	0%	<input type="checkbox"/> FINE DETRITUS [3 pts]	4%
<input type="checkbox"/> COBBLE (65-256 mm) [12 pts]	0%	<input checked="" type="checkbox"/> CLAY or HARDPAN [0 pts]	40%
<input type="checkbox"/> GRAVEL (2-64 mm) [9 pts]	5%	<input type="checkbox"/> MUCK [0 pts]	0%
<input type="checkbox"/> SAND (<2 mm) [6 pts]	0%	<input type="checkbox"/> ARTIFICIAL [3 pts]	20%

Total of Percentages of (A) _____ (B) _____
 Bldr Slabs, Boulder, Cobble, Bedrock: 0%

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: **3** TOTAL NUMBER OF SUBSTRATE TYPES: **6**

HHEI Metric Points
Substrate Max = 40
9
A + B

2. Maximum Pool Depth (Measure the maximum pool depth within the 61 meter (200 ft) evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes). (Check ONLY one box):

<input checked="" type="checkbox"/> >30 centimeters [20 pts]	<input type="checkbox"/> >5 cm - 10 cm [15 pts]
<input type="checkbox"/> >22.5 - 30 cm [30 pts]	<input type="checkbox"/> <5 cm [5 pts]
<input type="checkbox"/> >10 - 22.5 cm [25 pts]	<input type="checkbox"/> NO WATER/MOIST CHANNEL [0 pts]

COMMENTS: _____ MAXIMUM POOL DEPTH (centimeters) **35.0**

Pool Depth Max=30
20

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check ONLY one box):

<input type="checkbox"/> >4.0 meters (>13') [30 pts]	<input checked="" type="checkbox"/> >1.0 m - 1.5 m (>3'3"-4'8") [15 pts]
<input type="checkbox"/> >3.0-4.0 m (>9' 7"-13') [25 pts]	<input type="checkbox"/> ≤1.0 m (≤3'3") [5 pts]
<input type="checkbox"/> >1.5-3.0 m (>4' 6"-9' 7") [20 pts]	

COMMENTS: _____ AVERAGE BANKFULL WIDTH (meters) **1.1**

Bankfull Width Max=30
15

This information must also be completed.

RIPARIAN ZONE AND FLOODPLAIN QUALITY *NOTE: River Left (L) and Right (R) as looking downstream.

RIPARIAN WIDTH (Per Bank)		FLOODPLAIN QUALITY (Most Predominant per Bank)		L R	
<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> R	<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> R	<input type="checkbox"/> L	<input type="checkbox"/> R
<input type="checkbox"/> Wide > 10 m		<input type="checkbox"/> Mature Forest, Wetland		<input type="checkbox"/> Conservation Tillage	
<input type="checkbox"/> Moderate 5 - 10 m		<input type="checkbox"/> Immature Forest, Shrub or Old Field		<input type="checkbox"/> Urban or Industrial	
<input type="checkbox"/> Narrow < 5 m		<input type="checkbox"/> Residential, Park, New Field		<input type="checkbox"/> Open Pasture, Row Crop	
<input type="checkbox"/> None		<input type="checkbox"/> Fenced Pasture		<input type="checkbox"/> Mining or Construction	

COMMENTS: section of stream runs through mowed lawn, majority of stream through successional woods

FLOW REGIME (At Time of Evaluation) (Check ONLY one box):

Stream Flowing Moist channel, isolated pools, no flow (Intermittent)
 Subsurface flow with isolated pools (Interstitial) Dry channel, no water, (Ephemeral)

COMMENTS: _____

SINUOSITY (Number of bends per 200 ft (61 m) of channel) (Check ONLY one box):

None 1.0 2.0 3.0
 0.5 1.5 2.5 > 3

STREAM GRADIENT ESTIMATE

Flat (0.5 ft/100 ft) Flat to Moderate Moderate (2 ft/100 ft) Moderate to Severe Severe (10 ft/100 ft)

Location / Stream Name: Stream 1, PIR 778 - Duocer Avenue SW, Canton and Canton Twp, Stark County, Ohio

Additional Stream Information (This information Must Also Be Completed):

QHEI PERFORMED? Yes No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S):

WWH Name: Nishanish Creek (HUC 05040001) Distance from Evaluated Stream: 1.6mi
 GWH Name: _____ Distance from Evaluated Stream: _____
 EWH Name: _____ Distance from Evaluated Stream: _____

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION.

USGS Quad Name: Canton West NRCS Soil Map Page: _____ NRCS Soil Map Stream Order: _____
County: Stark Township/City: Canton Twp

MISCELLANEOUS

Base Flow Conditions? (Y/N) Y Date of Last Precipitation: 8-Dec-16 Quantity: 0.5 in

Photograph Information: See Attached

Elevated Turbidity? (Y/N): n Canopy (% open): 50

Were samples collected for water chemistry? (Y/N) n (Note lab sample no. or id. and attach results) Lab No.: _____

Field Measures: Temp (C) _____ Dissolved Oxygen (mg/l) _____ pH(S.U.) _____ Conductivity(µS) _____

Is the sampling reach representative of the stream (Y/N)? y If not, please explain: _____

Additional comments/description pollution impacts: n

B/D/TIC EVALUATION

Performed? (Y/N) N (If yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID Number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) _____ Voucher? (Y/N) _____ Salamanders Observed? (Y/N) _____ Voucher? (Y/N) _____
Frogs/Tadpoles Observed? _____ Voucher? (Y/N) _____ Aquatic Macroinvertebrates Observed? (Y/N) _____ Voucher? (Y/N) _____

Comments Regarding Biology: _____

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):
Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location.

FLOW →

Attachment F Tree Habitat Characteristics

Tree ID	Tree Species	DBH (inches)	Tree Condition	Available Sun to Habitat Features*	Roost Tree Characteristics	Maternity or Habitat
1	<i>Prunus serotina</i>	16	Fair	Fair sun	Exfoliating bark and crevices	Habitat
2	<i>Prunus serotina</i>	18	Fair	Fair sun	Small amount of exfoliating bark and dead wood	Habitat
3	<i>Ulmus pumila</i>	36	Poor	Fair sun	Dead wood and crevices	Habitat

*Full Sun = 80-100% solar exposure
 Good Sun = 60-80% solar exposure
 Fair Sun = 30-60% solar exposure
 Poor Sun = 0-30% solar exposure

100% Recycled



30% PCW



**CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT E

**OHIO HISTORIC PRESERVATION OFFICE
DESKTOP LITERATURE REVIEW**

**PIR - 778 - Dueber Avenue SW
 Pipeline Replacement Project
 Canton and Canton Township
 Stark County, Ohio**



Approximate location of project area



Legend

NR Listings

- Listed
- National Historic Landmark
- Delisted
- NR Determinations of Eligibility
- Archaeological Sites
- Historic Structures
- Historic Bridges
- Historic Tax Credit Projects
- OGS Cemeteries

- Confident
- Not Confident

- Dams
- UTM Zone Split
- NR Boundaries
- OAI Site Boundaries
- Phase 1
- Phase 2



1:13,446

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Datum: [Datum]
 Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere





Ohio Historic Preservation Office

Legend

NR Listings

- Listed
- National Historic Landmark
- Deleted

- NR Determinations of Eligibility
- Archaeological Sites
- Historic Structures
- Historic Bridges
- Historic Tax Credit Projects
- OGS Cemeteries

- Confident
- Not Confident

- Dams
- UTM Zone Split
- NR Boundaries
- OAI Site Boundaries
- Phase1
- Phase2

0 0.17 0.34 Miles

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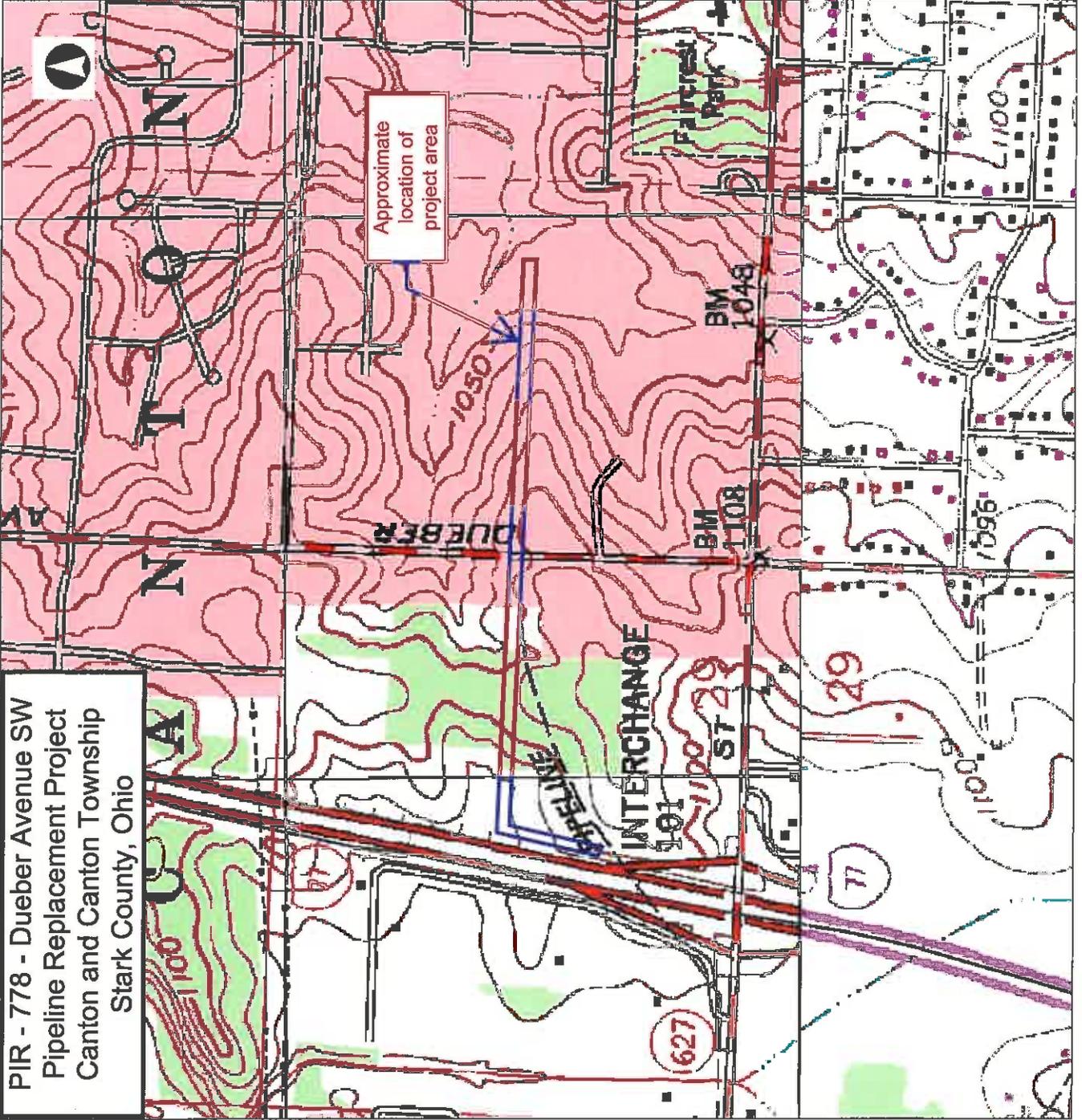
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PIR - 778 - Dueber Avenue SW
Pipeline Replacement Project
Canton and Canton Township
Stark County, Ohio



**CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT F

**STARK COUNTY SOIL AND WATER CONSERVATION DISTRICT
STORM WATER POLLUTION PREVENTION PLAN AND APPLICATION**



DominionSM

**OHIO GENERAL PERMIT AUTHORIZATION FOR STORMWATER
DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER
THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**

The East Ohio Gas Company

Stormwater Pollution Prevention Plan (SWP3)

**PIR 778 – Dueber Avenue SW
Canton and Canton Township, Stark County, Ohio**

Planned Construction Start Date: _____

Planned Construction Completion Date: _____

Construction Supervisor: _____

Telephone: _____

Project Manager (signature): _____

Construction Contractor (signature): _____

Environmental Inspector (signature): _____

Note:

**THIS PLAN MUST BE KEPT AT THE
CONSTRUCTION SITE DURING WORKING HOURS**

SWP3 Prepared: September 11, 2017

**Prepared by: The East Ohio Gas Company and Davey Resource Group, a Division of
The Davey Tree Expert Company**

**OHIO GENERAL PERMIT AUTHORIZATION FOR STORMWATER
DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER
THE NPDES STORMWATER POLLUTION PREVENTION PLAN**

**THE EAST OHIO GAS COMPANY
PIR 778 – Dueber Avenue SW
Canton and Canton Township, Stark County, Ohio**

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B	Existing Soil Data
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D	Typical Erosion and Sediment Control Drawings
E	Concrete Washout Detail
F	SWP3 Inspection Forms
G	NOI Application

LIST OF DEFINITIONS

BMP	Best Management Practice
C&DD	Construction and Demolition Debris
CWA	Clean Water Act
DES ECI	Dominion Environmental Services Erosion Control Inspector
Director	the Director of the Ohio Environmental Protection Agency
E&S	Erosion and Sediment
EDv	Extended Detention Volume
EPA	Environmental Protection Agency
General Permit	General Permit for Stormwater Discharges Associated with Construction Activities Under the National Pollutant Discharge Elimination System Permit No. OHC000004, effective April 21,2013, expires April 21, 2018.
HUC14	Fourteen-Digit Hydrologic Unit Code
MS4	Municipal Separate Storm Sewer System
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
OAC	Ohio Administrative Code
ORAM	Ohio Rapid Assessment Method
ORC	Ohio Revised Code
PCSM	Post-Construction Stormwater Management
PTI	Permit to Install
SPCC	Spill Prevention Control and Countermeasures
SWP3	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
VAP	Voluntary Action Program
WQv	Water Quality Volume

EXECUTIVE SUMMARY

This Stormwater Pollution Prevention Plan (SWP3) sets forth procedures to be followed during construction activities to minimize adverse impacts due to sedimentation and potential environmental pollutants resulting from storm water runoff and to reduce sediment and environmental pollutant runoff after Project completion. This SWP3 sets forth procedures to be followed during construction activities for The East Ohio Gas Company (Dominion) Pipeline Infrastructure Replacement (PIR) 778 – Dueber Avenue SW (Project), located in Canton and Canton Township, Stark County, Ohio. The procedures developed in this plan must be implemented throughout the duration of the Project.

Dominion will be responsible for the development and enforcement of this plan. Dominion personnel may designate qualified representatives such as environmental inspectors or contractors to ensure the provisions of this permit are properly employed.

This document was prepared in accordance with the following documents: Ohio Department of Natural Resources, Division of Soil and Water Conservation. "Rainwater and Land Development" Manual Third Edition 2006. Updated 11-6-14, Ohio Environmental Protection Agency (EPA), Authorization for Stormwater Discharges Associated with Construction Activity Under the National Pollutant Discharge Elimination System Permit OHC000004, and Ohio EPA Stormwater Program Website. <http://www.epa.state.oh.us/dsw/storm/index.aspx>.

This plan covers all new and existing discharges composed entirely of stormwater discharges associated with a construction activity that enter surface waters or storm drains leading to surface waters. Construction activities include any clearing, grading, excavating, grubbing and/or filling activities that disturb one or more acres of land.

1.0 PERMIT REQUIREMENTS

The purpose of this SWP3 is to present procedures that will be followed during construction activities to minimize adverse impacts due to sedimentation resulting from storm water runoff and to reduce sediment runoff after Project completion. Operators who intend to obtain initial coverage for a stormwater discharge associated with construction activity under this General Permit Authorization for Storm Water Discharges Associated with Construction Activity Under the National Pollutant Discharge Elimination System (NPDES), Ohio EPA Permit Number OHC000004 (effective April 21, 2013 and expires April 20, 2018 (General Permit)) must submit a complete and accurate Notice of Intent (NOI) application form and appropriate fee at least 21 days prior to the commencement of construction activity. The completed NOI application is provided in Appendix G.

Dominion must make NOIs and SWP3s available upon request of the Director of Ohio EPA, local agencies approving sediment and erosion control plans, grading plans or stormwater management plans, local governmental officials, or operators of municipal separate storm sewer systems (MS4s) receiving drainage from the permitted site. Each operator that discharges to an NPDES permitted MS4 must provide a copy of its Ohio EPA NOI submission to the MS4 in accordance with the MS4's requirements, if applicable.

2.0 STORMWATER POLLUTION PREVENTION PLAN

This SWP3 was prepared in accordance with sound engineering and/or conservation practices by a professional experienced in the design and implementation of standard erosion and sediment controls and stormwater management practices addressing all phases of construction. This SWP3 was prepared by Valerie Locker, Project Manager, Davey Resource Group, a Division of The Davey Tree Expert Company.

This SWP3 has identified potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges associated with construction activities. This SWP3 describes and ensures the implementation of Best Management Practices (BMPs) that reduce the pollutants in stormwater discharges during construction and pollutants associated with post-construction activities to ensure compliance with Ohio Revised Code (ORC) Section 6111.04, Ohio Administrative Code (OAC) Chapter 3745-1 and the terms and conditions of the General Permit. In addition, the SWP3 must conform to the specifications of the Ohio Rainwater and Land Development Manual.

Plan Availability

Dominion must provide a copy of this SWP3 within ten (10) days upon written request by any of the following: The Director or the Director's authorized representative; a local agency approving sediment and erosion plans, grading plans or stormwater management plans; or, in the case of a stormwater discharge associated with construction activity which discharges through a municipal separate storm sewer system with an NPDES permit, to the operator of the system. A copy of the NOI and letter granting permit coverage under this General Permit must also be made available at the site.

All NOIs, General Permit approval for coverage letters, and SWP3s are considered reports that must be available to the public in accordance with the Ohio Public Records law. Dominion must make documents available to the public upon request or provide a copy at public expense, at cost, in a timely manner. However, Dominion may claim to Ohio EPA any portion of a SWP3 as confidential in accordance with Ohio law.

Plan Revisions and Amendments

The Director or authorized representative, and/or any regulatory authority associated with approval of this plan, may notify Dominion at any time that the SWP3 does not meet one or more of the minimum requirements. Within ten (10) days after such notification from the Director (or as otherwise provided in the notification) or authorized representative, and/or any regulatory authority associated with approval of this plan, Dominion must make the required changes to the SWP3 and, if requested, must submit to Ohio EPA, and/or other regulatory authority, the revised SWP3 or a written certification that the requested changes have been made. Dominion must also amend the SWP3 whenever there is a change in site design, construction, operation, or maintenance that requires the installation of BMPs or modifications to existing BMPs.

Duty to Inform Contractors and Subcontractors.

Dominion must inform all contractors and subcontractors who will be involved in the implementation of the SWP3, of the terms and conditions of the General Permit and/or other approval from a regulatory authority. Dominion must maintain a written document containing the signatures of all contractors and subcontractors involved in the implementation of the SWP3 as proof acknowledging that they reviewed and understand the conditions and responsibilities of the SWP3. The written document must be created and signatures of each individual contractor must be obtained prior to their commencement of work on the construction site. Certification statements for contractors and subcontractors can be found in Section 7.0.

2.1 SITE DESCRIPTION

Dominion is proposing the replacement of approximately 3,367 feet of high pressure, bare steel pipeline (four [4]- and twelve [12]-inch diameters) with 3,666 feet of corrosion-resistant pipe to ensure the safety and reliability of pipeline operations for the PIR 778 pipeline located in Canton and Canton Township, Stark County. This pipeline replacement project involves "lift and lay" construction (replacement in place) or offsetting the pipeline within the 60-foot easement. The Project is accessible by public streets.

One (1) wetland and one (1) stream were identified within the easement, but these will be avoided during construction. Additionally, a stormwater basin is partially located within the project area west of Greentree Avenue SW. The basin is not a Water of the U.S. and is therefore not subject to regulatory oversight from the U.S. Army Corps of Engineers. The site drains to storm sewers, to the stormwater basin, and to an unnamed tributary that drains to Nimishillen Creek, and to a ditch located along I-77. It may be necessary to temporarily impact the stormwater basin.

The project is located within the Tuscarawas River watershed, Hydrologic Unit Code (HUC) 05040001. Additional information on the receiving waters and surface water is provided in Section 2.6 Receiving Streams or Surface Waters and Section 3.4 Surface Water Protection.

The site maps included in Appendix A depict the location of the Project in relation to nearby roads, surface waters, existing utilities, etc.

The Project is expected to disturb approximately 5.0 acres due to clearing, grubbing, excavation, filling, grading, and installation of erosion control measures.

The Project is located within a 60-foot-wide easement that extends approximately 1,600 feet east of Dueber Avenue SW, and approximately 1,650 feet west to I-77, where the easement extends south parallel to I-77 for approximately 550 feet. At intersections of streets with no proposed mainline replacement, small portions of pipeline may be installed to “tie in” the new pipeline to existing pipelines. The need for any laydown and/or material storage areas will be determined by the selected construction contractor.

2.2 PRE-CONSTRUCTION AND POST-CONSTRUCTION SITE CONDITIONS

New impervious surfaces will not be created. The Project will essentially result in no permanent change in land use or land cover and, therefore, is not expected to result in an increase in runoff. All areas disturbed by the Project will be restored to their pre-construction material, condition, and contours; therefore, the calculation of runoff coefficients for pre-construction vs. post-construction conditions is not warranted or applicable to this linear Project.

2.3 EXISTING SOIL DATA

The United States Department of Agriculture, Natural Resources Conservation Service (NRCS) Soil Survey was utilized to identify soil map units within the Project site. The primary soils types and soil descriptions located within the Project and the Project Soil Survey map are provided in Appendix B.

2.4 PRIOR LAND USES

The Project site contains rural, residential and agricultural uses.

2.5 IMPLEMENTATION SCHEDULE

A general implementation schedule providing the sequence of major construction operations is provided below. Construction activities are planned to begin in October, 2017, as soon as all permits and clearances are in place, and will last until June, 2018, weather permitting. Surface stabilization at the Project site is expected to take place incrementally, as construction progresses. Once all land disturbing activities have been completed, the site must be permanently stabilized. Throughout the life of the Project, construction logs must be kept to record major dates of grading, excavating, and stabilizing.

1 - SITE PREPARATION FOR ENTIRE PROJECT (Anticipated start date and Duration –To Be Determined (TBD) by contractor)

- Mobilization.
- Survey and stake existing pipeline and limits of construction.
- Flag/field mark wetland and stream areas, as necessary.
- Installation/improvement to construction entrances, and installation of silt fence or other BMPs designated to control storm water at the project boundary.
- Install gravel on dirt roads, and fill-in rutted areas on existing gravel roads.

2 - SITE PREPARATION FOR EACH JOB (Anticipated start date and Duration – TBD by contractor)

- Install BMPs (see Section 3.0) for access roads/equipment crossings at stream crossings and wetland crossings.
- Begin clearing and grubbing of the site.
- Install temporary runoff controls and erosion control devices where needed.
- Conduct grading activities, as needed.
- Monitor all erosion and sediment controls.

3 - MAJOR CONSTRUCTION ACTIVITIES (Anticipated start date and Duration- TBD by contractor)

- Excavation.
- Implement BMPs (See Section 3.0) for dewatering (if required).
- Monitor all erosion and sediment controls.

4 - RESTORATION (Anticipated start date and Duration – TBD by contractor)

- Restore grade to preconstruction contours.
- Apply seed and mulch to all disturbed upland areas.
- Install erosion control blankets or turf matting on steep slopes.

- Monitor all erosion and sediment controls per the monitoring schedule.

5 - POST-CONSTRUCTION MONITORING (On-going until 70 percent cover reached)

- Monitor adequacy of erosion control practices.
- After permanent stabilization is achieved, remove temporary erosion and sediment controls and runoff controls once 70 percent uniform vegetative growth is achieved.
- Submit Notice of Termination.

2.6 RECEIVING STREAMS OR SURFACE WATERS

The Project is located within the Tuscarawas River watershed, Hydrologic Unit Code (HUC) 05040001. The site drains to storm sewers, the stormwater basin, to a ditch along I-77, and to an unnamed tributary that drains northeast to Nimishillen Creek, outside the project area. Nimishillen Creek drains south to Sandy Creek, which then drains west to the Tuscarawas River. The Project area falls within a portion of the Tuscarawas River watershed (HUC 05040001 050) that is listed as being impaired. Causes of impairment include ammonia, dissolved oxygen, flow and habitat alterations, nitrates, nutrients, organic enrichment (sewage) biological indicators, polychlorinated biphenyls (PCBs) in fish tissue, pathogens, sedimentation/siltation, sulfates, temperature, pH.

The construction work for this project will not be crossing the stream or wetland. It may be necessary to temporarily impact the stormwater basin for the installation of the pipeline. The water resources and crossing locations for the Project have been included on the maps in Appendix C. Dedicated asphalt and/or concrete batch plant discharges covered by the NPDES construction stormwater General Permit are not applicable to this Project.

2.7 SITE MAP

The Project site location maps are provided in Appendix A. The project specific erosion and sediment control location drawings (in Appendix C) depict the limits of earth-disturbing activity; existing and proposed contours; surface water locations; locations of any existing buildings, roads, and utilities; and the locations of erosion and sediment control measures. The location of any laydown and/or material storage areas will be determined in the field upon discussion with the selected construction contractor and will be noted on the project site drawings in Appendix C at that time. Any necessary mainline to mainline tie-ins at intersections with streets with no proposed mainline replacement will also be noted on the drawings. Typical erosion and sediment control drawings for sediment and erosion controls and post-construction stormwater management practices are included in Appendix D.

3.0 CONTROLS

To the extent practicable, the locations of temporary stormwater BMPs to be implemented for the Project site are shown on the maps provided in Appendix C. Some BMP locations (construction entrances, ingress/egress points, etc.) will be determined in the field upon discussion with the selected construction contractor and will be noted on the project drawings at that time. The BMPs will be implemented in accordance with the Typical Drawings provided in Appendix D. The erosion, sediment, and stormwater management practices to be implemented are in accordance with the standards and specification in the current edition of Ohio's Standards for Stormwater Management, Land Development and Urban Stream Protection, Rainwater and Land Development Manual, Third Edition 2006 updated November 2014.

3.1 NON-STRUCTURAL PRESERVATION METHODS

In order to preserve the existing natural condition as much as feasible, the Project will avoid clearing and grubbing where feasible, minimize the amount of soil and vegetation disturbances by phasing construction operations, and minimize disturbances to surface waters. The recommended buffer along any surface water of the state to be undisturbed is 25 feet measured from the ordinary high water mark of the surface water.

3.2 UPLAND EROSION CONTROL PRACTICES

Erosion control measures provide cover over disturbed soils in order to minimize erosion. Disturbed areas must be stabilized after construction activities. Erosion control measures to be implemented in the Project include: phased disturbance, clearing and grubbing, tree and natural area preservation, construction entrances, dust control, topsoiling, temporary seeding, mulching, permanent seeding, and sodding. Erosion Control Measures will be in accordance with Chapter 7 of the Rainwater and Land Development Manual. Typical drawings for these erosion control measures are provided in Appendix D.

Permanent stabilization is defined as the establishment of permanent vegetation, decorative landscape mulching, matting, sod, rip rap, and landscaping techniques to provide permanent erosion control on areas where construction operations are complete or where no further disturbance is expected for at least one (1) year.

Temporary stabilization is defined as the establishment of temporary vegetation, mulching, geotextiles, sod, preservation of existing vegetation, and other techniques capable of quickly establishing cover over disturbed areas to provide erosion control between construction operations.

Final stabilization is defined and achieved when all soil disturbing activities at the site are complete and disturbed surfaces are covered with new structures, pavement, a uniform perennial vegetative cover (e.g., evenly distributed, without large bare areas) with a density of at least 70 percent cover, or other equivalent stabilization measures (such as the use of landscape mulches, rip-rap, gabions or geotextiles) have been employed. In addition, all temporary erosion and

sediment control practices are removed and disposed of, and all trapped sediment is permanently stabilized to prevent further erosion.

Disturbed areas will be stabilized following completion of construction activities as specified in the following tables and in accordance with the site layout maps and drawings provided in Appendix C.

Table 1: Permanent Stabilization

Area Requiring Permanent Stabilization	Time Frame to Apply Erosion Controls
Any areas that will lie dormant for one (1) year or more.	Within seven (7) days of the most recent disturbance.
Any areas within 50 feet of a surface water of the State and at final grade.	Within two (2) days of reaching final grade.
Any other areas at final grade.	Within seven (7) days of reaching final grade within that area.

Table 2: Temporary Stabilization

Area Requiring Temporary Stabilization	Time Frame to Apply Erosion Controls
Any disturbed areas within 50 feet of a surface water of the State and not at final grade.	Within two (2) days of the most recent disturbance if the area will remain idle for more than fourteen (14) days.
For all construction activities, any disturbed areas that will be dormant for more than fourteen (14) days but less than one (1) year, and not within 50 feet of a surface water of the State.	Within seven (7) days of the most recent disturbance within the area. For residential subdivisions, disturbed areas must be stabilized at least seven (7) days prior to transfer of permit coverage for the individual lot(s).
Disturbed areas that will be idle over winter.	Prior to the onset of winter weather.

Clearing and Grubbing: Clearing and grubbing is the removal of trees, brush, and other unwanted material in order to develop land for other uses or provide access for site work. Clearing generally describes the cutting and removal of above ground material, while grubbing is the removal of roots, stumps, and other unwanted material below existing grade. Clearing and grubbing includes the proper disposal of materials and the implementation of BMPs in order to minimize exposure of soil to erosion and causing downstream sedimentation.

Construction Entrance: A construction entrance is a method of erosion control that is used to reduce the amount of mud tracked off-site with construction traffic. A construction entrance is a stabilized pad of stone underlain with a geotextile. These entrances are located at points of ingress/egress of construction traffic.

Dust Control: Dust control is a method of erosion control that involves preventing or reducing dust from exposed soils or other sources during land disturbing, demolition, and construction activities to reduce the presence of airborne substances which may present health hazards, traffic safety problems, or harm animal or plant life.

Mulching: Mulching is a temporary or permanent method of erosion control used to protect exposed soil or freshly seeded areas from the direct impact of precipitation by providing a temporary surface cover. Mulch also helps establish vegetation by conserving moisture and creating favorable conditions for seeds to germinate. Mulch must be used liberally throughout construction to limit the areas that are bare and susceptible to erosion. Mulch can be used in conjunction with seeding to establish vegetation or by itself to provide erosion control when the season does not allow grass to grow. Mulch and other vegetative practices must be applied on all disturbed portions of construction-sites that will not be re-disturbed for more than fourteen (14) days.

Permanent Seeding: Permanent seeding is a method of erosion control used to permanently stabilize soil on construction sites where land-disturbing activities, exposed soil, and work has been completed or is not scheduled for more than twelve (12) months. Permanent seeding must be applied to any disturbed areas or portions of construction sites at final grade. Permanent seeding must not be delayed on any one portion of the site at final grade while construction on another portion of the site is being completed. Permanent seeding must be completed in phases, if necessary. Permanent vegetation is used to stabilize soil, reduce erosion, prevent sediment pollution, reduce runoff by promoting infiltration, and provide stormwater quality benefits offered by dense grass cover.

Phased Disturbance: Phased disturbance is a method of erosion control that limits the total amount of grading at any one time and sequences operations so that at least half the site is either left as undisturbed vegetation or re-stabilized prior to additional grading operations. This approach actively monitors and manages exposed areas so that erosion is minimized and sediment controls can be more effective in protecting aquatic resources and downstream landowners.

Sodding: Sodding is a method of erosion control that utilizes rolls or mats of turf grass to provide immediate stabilization to bare soils. It is especially useful in highly erosive areas such as drainage ways and on slopes that will be mowed. Sod may be used where immediate cover is required or preferred and where vegetation will be adequate stabilization such as minor swales, around drop inlets, and lawns.

Temporary Seeding: Temporary seeding is a method of erosion control used to temporarily and quickly stabilize soil on construction sites where land-disturbing activities have been initiated but not completed. Appropriate rapidly growing annual grasses or small grains must be planted on the disturbed areas. Temporary seeding effectively minimizes the area of a construction site prone to erosion and must be used everywhere the sequence of construction operations allows vegetation to be established. Temporary seeding must be applied on exposed soil where additional work (grading, etc.) is not scheduled for more than fourteen (14) days. Mixes to be applied are specific to the time of year the seeding will take place and the location of the Project within the state.

Topsoiling: During grading operations, topsoil and the upper most organic layer of soil will be stripped and stockpiled and then subsequently replaced on the newly graded areas. Topsoil provides a more suitable growing medium than subsoil or on areas with poor moisture, low nutrient levels, undesirable pH, or in the presence of other materials that would inhibit establishment of vegetation. Replacing topsoil helps plant growth by improving the water holding capacity, nutrient content, and consistency of the soils.

Tree and Natural Area Preservation: Tree and natural area preservation ensures that important vegetated areas existing on-site prior to development will survive the construction process. Tree protection areas prevent the losses and damages to trees that are common as a result of construction. This practice is useful to protect individual trees and areas of forest or natural vegetation in stream corridors or open space.

3.3 RUNOFF CONTROL PRACTICES

Temporary and permanent runoff control is important on development sites to minimize on-site erosion and to prevent off-site sediment discharge. Methods of runoff control that will be implemented on this Project include dewatering measures, filter socks, and waterbars. Runoff control measures will be in accordance with Chapter 4 and 5 of the Rainwater and Land Development Manual.

Dewatering Measures. Dewatering measures provide a stable area for receiving and treating water pumped from excavation or work areas prior to being released off the site. These practices reduce sediment impacts to downstream water resources.

Filter Sock. Filter socks are sediment-trapping devices using compost inserted into a flexible, permeable tube. Filter socks are applicable as perimeter sediment controls, and can also be used as a check dam to reduce soil erosion in swales, ditches, channels, and gullies. Check dams reduce the velocity of concentrated flows thereby reducing erosion within the swale or waterway.

Waterbar. A waterbar is a diversion constructed across the slope of an access road or utility right of-way. Waterbars are used to reduce concentrated runoff on unpaved road surfaces, thus reducing water accumulation and erosion gullies from occurring. Waterbars divert runoff to road side swales, vegetated areas, or settling ponds.

3.4 SURFACE WATER PROTECTION

The Project site contains one (1) stream and one (1) wetland. These waters must be protected by avoiding crossing of wetlands and streams where feasible and using sediment and erosion control practices to prevent sediment-laden runoff from reaching the surface waters.

Surface Waters of the State Protection. If construction activities disturb areas adjacent to surface waters of the State, structural practices must be designed and implemented onsite to protect all adjacent surface waters of the State from the impacts of sediment runoff. No structural sediment controls (e.g., the installation of silt fence or a sediment settling pond) must be used in a surface water of the State. For all construction activities immediately adjacent to surface waters of the State, it is recommended that a setback of at least 25 feet, as measured from the ordinary high water mark of the surface water, be maintained in its natural state as a permanent buffer.

BMPs will be employed to minimize impacts to the water quality and water retention functions of the stormwater basin. Movement across the basin will be limited to necessary equipment only. All disturbed areas will be restored to pre-construction grades contours, and the embankment will be revegetated and stabilized.

Where impacts within this setback area are unavoidable due to the nature of the construction activity (e.g., stream crossings for roads or utilities), the Project must be designed such that the number of stream crossings and the width of the disturbance within the setback area are minimized.

Table 3: Summary of Onsite Stream

Stream ID	Stream Length (lf) within 60-Foot Easement	Bankfull Width (feet)	Flow Regime	Substrate Type(s)	Classification	Crossing Method ²	Impacts - Upstream to Downstream Length (lf)	Impacts-Trench Crossing Length (lf)
1	63.0	3.5	Intermittent	Hardpan and leaf pack	Mod Class II PHWH ¹	Avoid	N/A	N/A

Note:

- ¹ Modified Primary Headwater Habitat
- ² Project Managers must approve changes to crossing methods.

Table 4: Summary of Onsite Wetland

Wetland ID	Vegetation Cover Type within 60-Foot Easement	Area within Row (acres)	ORAM ¹ Category	Crossing Method ²	Impact Area (acres)	Trench Crossing Length (lf)
A	Emergent, scrub/shrub, forested	0.172	48.5	Avoid	N/A	N/A

Notes:

- ¹ Ohio Rapid Assessment Method.
- ² Project Managers must approve changes to crossing methods.

3.5 WETLAND PRACTICES

Concentrated stormwater runoff from proposed BMPs to natural wetlands must be converted to diffuse flow before the runoff enters the wetlands. The flow must be released such that no erosion occurs downslope. Level spreaders may need to be placed in series, particularly on steep sloped sites, to ensure non-erosive velocities. Other structural BMPs may be used between stormwater features and natural wetlands, in order to protect the natural hydrology, hydroperiod, and wetland flora. If Dominion proposes to discharge to natural wetlands, a hydrologic analysis must be performed. Dominion must attempt to match the pre-development hydroperiods and hydrodynamics that support the wetland. Dominion must assess whether their construction activity will adversely impact the hydrologic flora and fauna of the wetland. Practices such as vegetative buffers, infiltration basins, conservation of forest cover, and the preservation of intermittent streams, depressions, and drainage corridors may be used to maintain wetland hydrology. .

3.6 SEDIMENT CONTROL PRACTICES

All Project activities will occur within the areas indicated on Site Maps and Drawings in Appendix C. The location of any laydown and/or material storage areas will be determined in the field upon discussion with the selected construction contractor and will be noted on the project site drawings at that time. The "Site Drawing Checklist" will be completed, verifying the inclusion of these features. Any necessary mainline to mainline tie-ins at intersections with streets with no proposed mainline replacement will also be noted on the drawings. Construction activities for this Project will be limited to the Limit of Disturbance of 5.0 acres.

Sediment Control Practices must store runoff allowing sediments to settle and/or divert flows away from exposed soils or otherwise limit runoff from exposed areas. Structural practices must be used to control erosion and trap sediment from a disturbed site. Methods of control that may be used include: silt fence, storm drain inlet protection, filter berms, filter socks, and trench plugs. All sediment control practices must be capable of ponding runoff in order to be considered functional. Earth diversion dikes or channels alone are not considered a sediment control practice unless those are used in conjunction with a sediment settling pond. Sediment Controls must be designed, installed, and maintained in accordance with the requirements set forth in Chapter 6 of the Ohio Rainwater and Land Development Manual, and/or Ohio General Permit OHC000004. Dominion discourages the use of haybales unless utilized as a secondary treatment element in conjunction with another erosion and sediment control(s) and only if approved by Dominion.

Inlet Protection. Storm drain inlet protection devices remove sediment from stormwater before it enters storm sewers and downstream areas. Inlet protection devices may consist of washed gravel or crushed stone, geotextile fabrics, and other materials that are supported around or across storm drain inlets. Inlet protection is installed to capture some sediment and reduce the maintenance of storm sewers and other underground piping systems prior to the site being stabilized. Due to their poor effectiveness, inlet protection is considered a secondary sediment control to be used in conjunction with other more effective controls. Other erosion and sediment control practices must minimize sediment-laden water entering active storm drain systems, unless the storm drain system drains to a sediment settling pond. Generally inlet protection is limited to areas draining less than one (1) acre; areas of one (1) or more acres will require a sediment settling pond. Geotextile inlet protection devices are commonly used for storm drain inlet protection and the installation details are shown in **Detail D-7**.

Filter Berm. Filter berms are sediment trapping practices that utilize a compost/mulch material. Filter berms are typically installed with pneumatic equipment. Filter berms reduce sediment from runoff by slowing and filtering runoff and dissipating flow. Compost filter berms used as sediment control practice require an adequately constructed berm constructed on the contour (i.e., on a level line across the site's topography). While silt fences rely primarily on settling, compost filter berms filter runoff as it passes through the device. To accomplish this purpose, runoff must be intercepted on the contour to insure that sheet flow is not concentrated into rills or channels.

Filter Sock. Filter socks are sediment-trapping devices using compost inserted into a flexible, permeable tube. Filter socks trap sediment by filtering water passing through the berm and allowing water to pond, creating a settling of solids. Filter socks may be a preferred alternative where equipment may drive near or over sediment barriers, as they are not as prone to complete failure as silt fence if this occurs during construction. Driving over filter socks is not recommended; however, if it should occur, the filter sock must be inspected immediately, repaired, and moved back into place as soon as possible. Typically, filter socks can handle the same water flow or slightly more than silt fence. For most applications, standard silt fence is replaced with twelve (12)-inch diameter filter socks.

Modifying Controls. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, Dominion must replace or modify the control for site conditions.

Silt Fence. Silt fence is a temporary method of sediment control that is used in sheet-flow areas to encourage the ponding of runoff and settling of sediments. It consists of a geotextile fabric secured to wood or steel posts that have been trenched into the ground. It is installed downslope of the disturbed area, installed along slopes, at bases of slopes on a level contour, and around the perimeter of a site as a final barrier to sediment being carried off site. Silt fence is removed after permanent vegetation is established.

Silt fence must be installed where indicated on the site drawings and as needed throughout the Project site where construction activity is likely to cause sediment-laden runoff to be carried offsite and into downstream surface waters. After construction is completed and the Project site has been permanently stabilized, silt fence must be removed and disposed of at an appropriate offsite disposal facility.

Placing silt fence in a parallel series does not extend the size of the drainage area. Stormwater diversion practices must be used to keep runoff away from disturbed areas and steep slopes where practicable. Such devices, which include swales, dikes or berms, may receive stormwater runoff from areas up to ten (10) acres.

See the silt fence detail located in Appendix D (Typical Upland Erosion and Sediment Control Plan Drawings) for additional information on proper installation procedures.

Timing. Sediment control structures must be functional throughout the course of earth disturbing activity. Sediment basins and perimeter sediment barriers must be implemented prior to grading and within seven (7) days from the start of grubbing. Sediment control structures must continue to function until the up-slope development area is restabilized. As construction progresses and the topography is altered, appropriate controls must be constructed or existing controls altered to address the changing drainage patterns.

Trench Plugs

Trench plugs are necessary on steep slopes and will be installed if it is determined that flooding at the low point elevation of a pipeline will adversely affect the adjacent property.

3.7 POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM)

The proposed disturbance associated with the Project is temporary; therefore, no permanent stormwater structures will be required. The Project area will be restored to original contours and re-vegetated. No impervious areas will be created for this Project.

3.8 OTHER CONTROLS

In some instances, a non-sediment pollutant source may become present on the Project site and pollution controls may be required.

Non-Sediment Pollutant Controls

Handling of Toxic or Hazardous Materials. All construction personnel, including subcontractors who may use or handle hazardous or toxic materials, must be made aware of the general guidelines regarding management and disposal of toxic or hazardous construction wastes. This can be accomplished by training for construction personnel by the Contractor or by Dominion.

Waste Disposal. Containers (e.g., dumpsters, drums) must be available for the proper collection of all waste material including construction debris, sanitary garbage, petroleum products, and any hazardous waste materials to be used on-site. Containers must be covered and not leaking;

all containers must be appropriately labeled. All waste material must be disposed of at facilities approved by the Ohio EPA for that material.

Clean Hard Fill. No Construction related waste materials are to be buried on-site. By exception, clean fill (clean bricks, hardened concrete, and soil) may be utilized in a way which does not encroach upon natural wetlands, streams, or floodplains or result in the contamination of waters.

Construction and Demolition Debris (C&DD). C&DD waste will be disposed of in an Ohio EPA permitted C&DD landfill as required by ORC 3714 and approved by Dominion.

Construction Chemical Compounds. Storing, mixing, pumping, transferring, or other handling of construction chemicals such as fertilizer, lime, asphalt, concrete drying compounds, and all other potentially hazardous materials must be done in an area away from any waterbody, ditch, or storm drain.

Equipment Fueling and Maintenance. Oil changing, equipment refueling, maintenance on hydraulic systems, etc., must be performed away from waterbodies, ditches, or storm drains and in an area designated for that purpose. The designated area must be equipped for recycling oil and catching spills. Secondary containment must be provided for all fuel and oil storage tanks. These areas must be inspected every seven (7) days and within 24 hours of a one half (0.5)-inch or greater rain event to ensure there are no exposed materials which would contaminate stormwater. Site operators must be aware that Spill Prevention Control and Countermeasures (SPCC) requirements may apply. An SPCC plan is required for sites with one (1) single aboveground tank of 660 gallons or more, accumulative aboveground storage of 1,320 gallons or more, or 42,000 gallons of underground storage.

Concrete Wash Water and Wash Outs. Concrete wash water must not be allowed to flow to streams, ditches, storm drains, or any other water conveyance. A lined sump or pit with no potential for discharge must be constructed if needed to contain concrete wash water. Field tile (agricultural drain tiles) or other subsurface drainage structures within ten (10) feet of the concrete wash sump or pit must be cut and plugged. Concrete wash water is wastewater and thus is not permitted to be discharged under the provisions of Ohio EPA's Construction General Permit which only allows the discharge of stormwater. See the Concrete Washout detail provided in Appendix E.

Spill Reporting Requirements. In the event of a spill of a regulated or hazardous material, immediately contact the Dominion Environmental Services Erosion Control Inspector (DES ECI) assigned to the site or Project. The DES ECI (if DES ECI not available, other Dominion Environmental staff) will coordinate spill reporting to the appropriate agencies. Spills on pavement must be absorbed with sawdust, kitty litter or other absorbent material. Spills to land require excavation of the contaminated material. Wastes generated from spill cleanup must be disposed of in accordance with applicable Federal, State, and Local waste regulations. Hazardous or industrial wastes including, but not limited to, most solvents, gasoline, oil-based paints, oil, grease, battery acid, muriatic acid, and cement curing compounds require special handling¹. Spills must be reported to Ohio EPA (1-800-282-9378). Spills of 25 gallons or more of petroleum products must be reported to Ohio EPA (1-800-282-9378), the local fire department, and the Local Emergency Planning Committee within thirty (30) minutes of the discovery of the release. All spills (no matter how small), which result in contact with waters of the State, must be reported to Ohio EPA's Hotline. Spills of hazardous substances, extremely hazardous substances, petroleum, and objectionable substances that are of a quantity, type, duration, and in a location as to damage the waters of the State must be immediately reported to the Ohio EPA's Regional Environmental Coordinator.

Contaminated Soils. If substances such as oil, diesel fuel, hydraulic fluid, antifreeze, etc. are spilled, leaked, or released onto the soil, the soil must be dug up and disposed of at a licensed sanitary landfill or other approved petroleum contaminated soil remediation facility (not a construction/demolition debris landfill) which has been approved by Dominion.

Open Burning. Waste disposal by open burning is prohibited by Dominion.

Dust Controls/Suppressants. Dust control is required to prevent nuisance conditions. Dust controls must be used in accordance with the manufacturer's specifications and not be applied in a manner which would result in a discharge to waters of the State. Isolation distances from bridges, catch basins, and other drainage ways must be observed. Application (excluding water) may not occur when precipitation is imminent as noted in the short term forecast. Used oil may not be applied for dust control. Watering must be done at a rate that prevents dust but does not cause soil erosion. Chemical stabilizers and adhesives must not be used, unless written permission is received from Ohio EPA.

Air Permitting Requirements. All contractors and subcontractors must be made aware that certain activities associated with construction will require air permits. Activities including, but not limited to, mobile concrete batch plants, mobile asphalt plants, concrete crushers, generators,

¹ The Federal Resource Conservation and Recovery Act (RCRA) requires that all wastes generated by industrial activity, including construction activities, be evaluated to determine if the waste is hazardous, non-hazardous or special wastes. Hazardous waste and special wastes have specific handling and disposal requirements which must be met to comply with RCRA. Additional information regarding the waste evaluation process and the proper handling and disposal requirements for wastes can be found in the following Dominion Guidance Documents: "Hazardous Waste Guidance", "Hazardous Waste Guidance Labeling", "Hazardous Waste Guidance Labeling - Appendix A", "Nonhazardous Waste Management", "Universal Waste Management", "Universal Waste Guidance - Appendix A - Labeling Matrix", and "Used Oil and Oil Filter Management". Consult with the DES ECI assigned to the site or project for advice.

etc., will require specific Ohio EPA Air Permits for installation and operation. Dominion must seek authorization from the corresponding district of Ohio EPA for these activities. Notification for Restoration and Demolition must be submitted to Ohio EPA for all commercial sites to determine if asbestos abatement actions are required.

Process Wastewater/Leachate Management. All contractors must be made aware that Ohio EPA's Construction General Permit only allows the discharge of stormwater. Other waste discharges including, but not limited to, vehicle and/or equipment washing, leachate associated with on-site waste disposal, concrete wash outs, etc. are a process wastewater. These types of wastewaters are not authorized for discharge under the General Stormwater Permit associated with Construction Activities. All process wastewaters must be collected and properly disposed at an Dominion approved disposal facility. In the event there are leachate outbreaks (water that has passed through contaminated material and has acquired elevated concentrations of the contaminated material) associated with onsite disposal, measures must be taken to isolate this discharge for collection and proper disposal at a Dominion approved disposal facility. Investigative measures and corrective actions must be implemented to identify and eliminate the source of all leachate outbreaks.

Permit to Install (PTI) Requirements. All contractors and subcontractors must be made aware that a PTI must be submitted and approved by Ohio EPA prior to the construction of all centralized sanitary systems, including sewer extensions, and sewerage systems (except those serving one (1), two (2), and three (3) family dwellings) and potable water lines. The issuance of an Ohio EPA Construction General Stormwater Permit does not authorize the installation of any sewerage system where Ohio EPA has not approved a PTI. If necessary, Dominion will acquire the PTI or Dominion will require the contractor to acquire the PTI.

Compliance with Other Requirements. This plan is consistent with State and/or local waste disposal, sanitary sewer, or septic system regulations including provisions prohibiting waste disposal by open burning. Contaminated soils are not expected to be encountered on this Project. If contaminated soils are encountered within the limits of construction, they will be managed and disposed of properly by trained personnel.

Trench and Groundwater Control. There must be no turbid discharges to surface waters of the State resulting from dewatering activities. If trench or groundwater contains sediment, it must pass through a sediment settling pond or other equally effective sediment control device, prior to being discharged from the construction site. Alternatively, sediment may be removed by settling in place or by dewatering into a sump pit, filter bag, or comparable practice. Groundwater dewatering which does not contain sediment or other pollutants is not required to be treated prior to discharge. However, care must be taken when discharging groundwater to ensure that it does not become pollutant laden by traversing over disturbed soils or other pollutant sources. Discharge of contaminated groundwater is not authorized.

Contaminated Sediment. Where construction activities are to occur on sites with historical contamination, operators must be aware that concentrations of materials that meet other criteria (is not considered a Hazardous Waste, meeting VAP standards, etc.) may still result in stormwater discharges in excess of Ohio Water Quality Standards. Such discharges are not authorized and may require coverage under a separate individual or general remediation permit. Contaminated soil stockpiles shall be protected from discharges by covering the contaminated soil with a tarp or other such material which will prohibit water from coming in contact with the soils. Contaminated soils can also be removed from the site and disposed of at a Dominion approved facility.

3.9 MAINTENANCE

All temporary and permanent control measures must be maintained and repaired as needed to ensure continued performance of their intended function. All sediment control measures must be maintained in a functional condition until all up-slope areas are permanently stabilized. The following maintenance procedures will be conducted to ensure the continued performance of control practices.

- Qualified personnel must inspect all BMPs at least once every seven (7) days and within 24 hours of a one-half (0.5)-inch or greater rainfall within any 24-hour period, as determined by Dominion personnel or a designated representative using National Weather Service or other acceptable resources such as an on-site rain gauge, and determine if the SWP3 has been properly implemented.
- Maintenance or repair of BMPs must be completed by the designated contractor within three (3) days of the date of the inspection that revealed a deficiency. For sediment ponds, repair or maintenance is required within ten (10) days of the date of the inspection.
- Off-site vehicle tracking of sediments and dust generation must be minimized. Temporary construction entrances must be provided where applicable to help reduce vehicle tracking of sediment. Any paved roads adjacent to the site entrance must be swept daily to remove excess mud, dirt, or rock tracked from the site, as necessary.

3.10 INSPECTIONS

The following inspection practices must be followed once site activities have commenced and erosion and sediment control measures have been installed.

- All onsite controls must be inspected by Dominion personnel or a designated representative at least once every seven (7) calendar days and within 24 hours after any storm event greater than one-half (0.50)-inch of rain per 24-hour period, as determined by Dominion personnel or a designated representative using National Weather Service or other acceptable resources such as an on-site rain gauge.

- Inspection frequency may be reduced to at least once every month if the entire site is temporarily stabilized or runoff is unlikely due to weather conditions (e.g., site is covered with snow, ice, or the ground is frozen). A waiver of inspection requirements is available from Ohio EPA until one (1) month before thawing conditions are expected to result in a discharge if all of the following conditions are met: the Project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one (1) month); land disturbance activities have been suspended; and the beginning and ending dates of the waiver period are documented in the SWP3. Dominion will obtain the waiver at the request of the contractor.
- Once a definable area has reached final stabilization as defined in Section 3.2 Upland Erosion Control Practices, the area may be marked on the SWP3 and no further inspection requirements apply to that portion of the site.
- A Dominion or designated representative “qualified inspection personnel” must conduct inspections to ensure that the control practices are functional and to evaluate whether the SWP3 is adequate and properly implemented in accordance with the schedule or whether additional control measures are required.
- Following inspection, a checklist must be completed and signed by the qualified inspection personnel representative. The checklist is provided in Appendix F. The record and certification must be signed in accordance with Ohio Permit OHC000004.
- Inspection reports must be maintained for three (3) years following the submittal of a Notice of Termination.
- For BMPS that require repair or maintenance, BMPs must be repaired or maintained within three (3) days of the inspection; sediment settling ponds must be repaired or maintained within ten (10) days of the inspection.
- For BMPs that are not effective and that another, more appropriate BMP is required, the SWP3 must be amended and the more appropriate BMP must be installed within ten (10) days of the inspection.
- For BMPs depicted on the SWP3 that have not been actually installed onsite, the control practice must be implemented within ten (10) days from the inspection.

4.0 APPROVED STATE OR LOCAL PLANS

This SWP3 must comply, unless exempt, with the lawful requirements of municipalities, counties, and other local agencies regarding discharges of stormwater from construction activities. All erosion and sediment control plans and stormwater management plans approved by local officials must be retained.

5.0 EXCEPTIONS

If specific site conditions prohibit the implementation of any of the erosion and sediment control practices contained in this plan or site specific conditions are such that implementation of any erosion and sediment control practices contained in this plan will result in no environmental benefit, then Dominion must provide justification for rejecting each practice based on site conditions. Dominion may request approval from Ohio EPA and any other applicable regulatory authority to use alternative methods if Dominion can demonstrate that the alternative methods are sufficient to protect the overall integrity of receiving streams and the watershed.

6.0 NOTICE OF TERMINATION REQUIREMENTS

Once a site reaches final stabilization and construction activities have ceased, NPDES permit coverage is terminated by filing a notice of termination (NOT). The NOT must be filed within 45 days of reaching final stabilization. The terms and conditions of this permit must remain in effect until a signed NOT form is submitted. NOT forms must be submitted in accordance with Ohio Permit OHC000004.

Similarly, a notice of completion must be provided to any municipalities, counties, and other local agencies that require such notice.

7.0 CERTIFICATION

Owner/Developer Certification (must be signed by president, vice-president or equivalent or ranking elected official)

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Date

Printed Name

Title

If authorization is no longer accurate because of a different individual or position has responsibility for the overall operation of the Project, a new authorization must be submitted to the Director prior to, or together with any reports, information, or applications to be signed by an authorized representative.

Contractor(s) Certification (must be signed by president, vice-president or equivalent or ranking elected official)

I certify that I have reviewed this document, and any appendices referenced above. Based on my inquiry of the construction site owner/developer identified above, and/or my inquiry of the person directly responsible for assembling this SWP3, I believe the information submitted is accurate. I am aware that there are potential significant penalties for knowing violations and for failure to comply with these requirements.

Primary Contractor Name

Primary Contractor Address

Signature

Date

Printed Name

Title

Subcontractor Name

Subcontractor Address

Signature

Date

Printed Name

Title

APPENDIX A

Site Location Maps

Location of Project Area on Highway Map



Legend

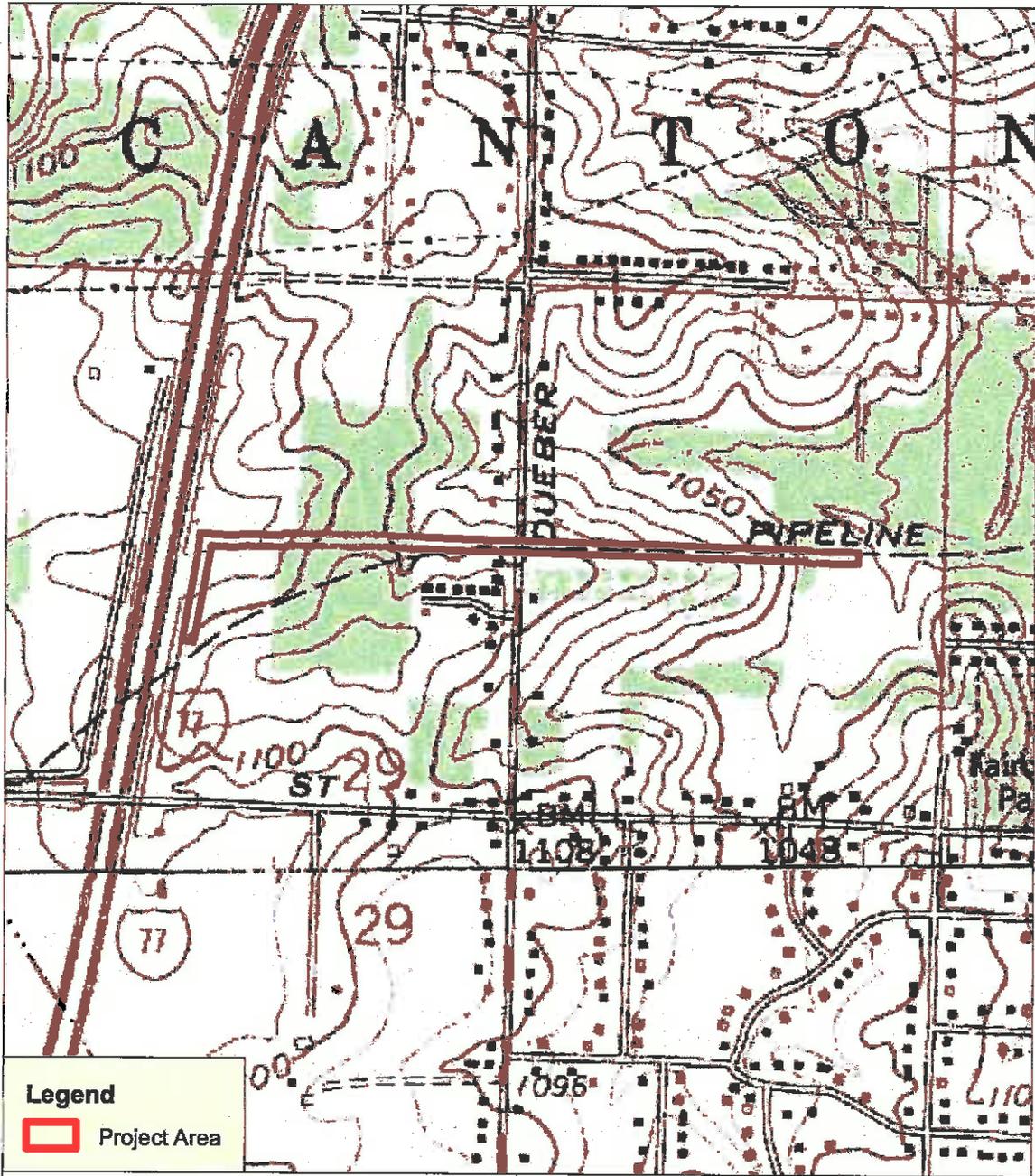
Project Area

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Site Location: PIR 778 - Dueber Avenue SW
 Pipeline Replacement Project
 Canton Township, Stark County, Ohio
Source: Esri
 Redlands, California

**Location of Project Area on
USGS 7.5-Minute Topographic Map
(Canton West Quadrangle)**



Legend

 Project Area



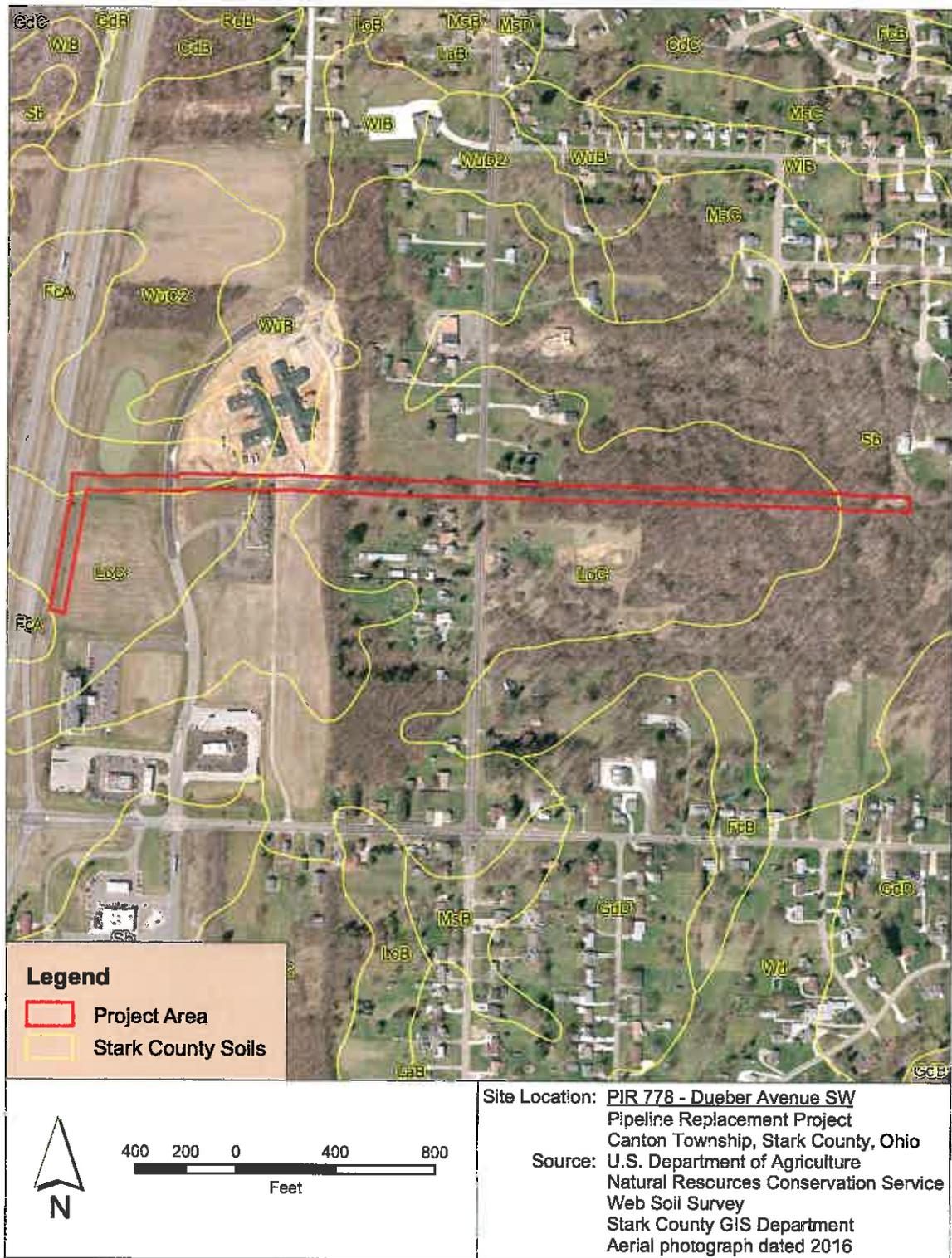
500 250 0 500 1,000
Feet

Site Location: PIR 778 - Dueber Avenue SW
Pipeline Replacement Project
Canton Township, Stark County, Ohio
Source: U.S. Department of the Interior
U.S. Geological Survey
Reston, Virginia
Photorevised 1985

APPENDIX B

Existing Soil Data

Soils Information for Project Area



Appendix B - Soil Types & Descriptions

Soil Type	Map Symbol	Slope	Material	Drainage Capacity	Location	Depth to Water Table	k Factor, whole soil
Fitchville silt loam, 0 to 2 percent slopes	FcA	0 to 2 percent	Silt loam	Somewhat poorly drained	Terraces, lakebeds (relict)	About 6 to 14 inches	0.37
Loudonville silt loam, 6 to 12 percent slopes	LoC	6 to 12 percent	Silt loam	Well drained	Hills	More than 80 inches	0.37
Sebring silt loam, 0 to 2 percent slopes	Sb	0 to 2 percent	Silt loam	Poorly drained	Terraces	About 0 to 9 inches	0.37
Wooster silt loam, 2 to 6 percent slopes	WuB	2 to 6 percent	Silt loam	Well drained	Moraines, till plains	About 48 inches	0.43

APPENDIX C

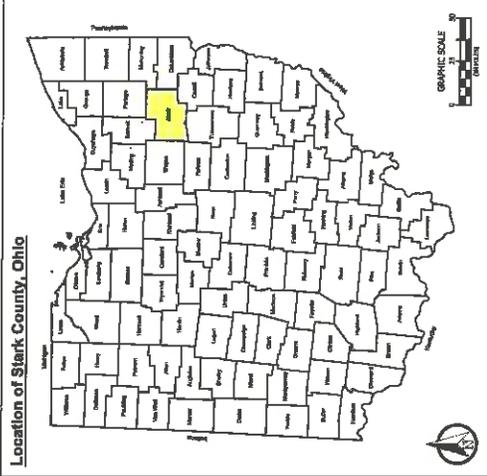
**Detailed Erosion and Sediment Control Location
Drawings**

Map View Location Map



 = Approximate study area

Location of Stark County, Ohio



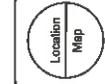
The information presented is not a survey or engineering product, and should not be used for any purpose provided by applicable law or regulation that requires a surveying or engineering license.



Prepared for:
The East Ohio Gas Company

PIR 778 - Dueber Avenue SW
Pipeline Replacement Project
Canton and Canton Township
Stark County, Ohio

Date used to produce this map were collected on December 8, 2016 and August 24, 2017





Notes:

- Construction will be primarily limited to existing utility easement.
- Loose soil will be spread onsite, but not side and away from agricultural areas, wetlands, floodplains, streams, drainage ways, or other environmentally sensitive areas.
- As indicated on this map, construction entrances, fill fences, filter socks, gradeable holes, straw like bales, and waterbars will be installed prior to construction in a given area.
- In wet areas, trench plugs will be installed during construction in a given area.
- Heavy equipment will not be placed below the ordinary high water mark of any surface water, except when no other alternative is available.
- In critical areas (e.g., adjacent to or within 50 feet of streams, ponds, or wetlands) a protective blanket or matting will be installed for seeded areas on slopes steeper than 3:1.
- Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).

- Inlet (catchside)
- Inlet (grate)
- Gas line marker/datum
- Existing gas line
- Proposed gas line
- Silt fence
- Trench plug
- Water bar
- Filter sock/shock dum
- Construction entrance

- Approximate study area
- Intermittent stream
- Non-jurisdictional meadow/ditch
- Direction of flow
- Existing culvert(s)

Areas of wetlands delineated within study area (0.172 acres)

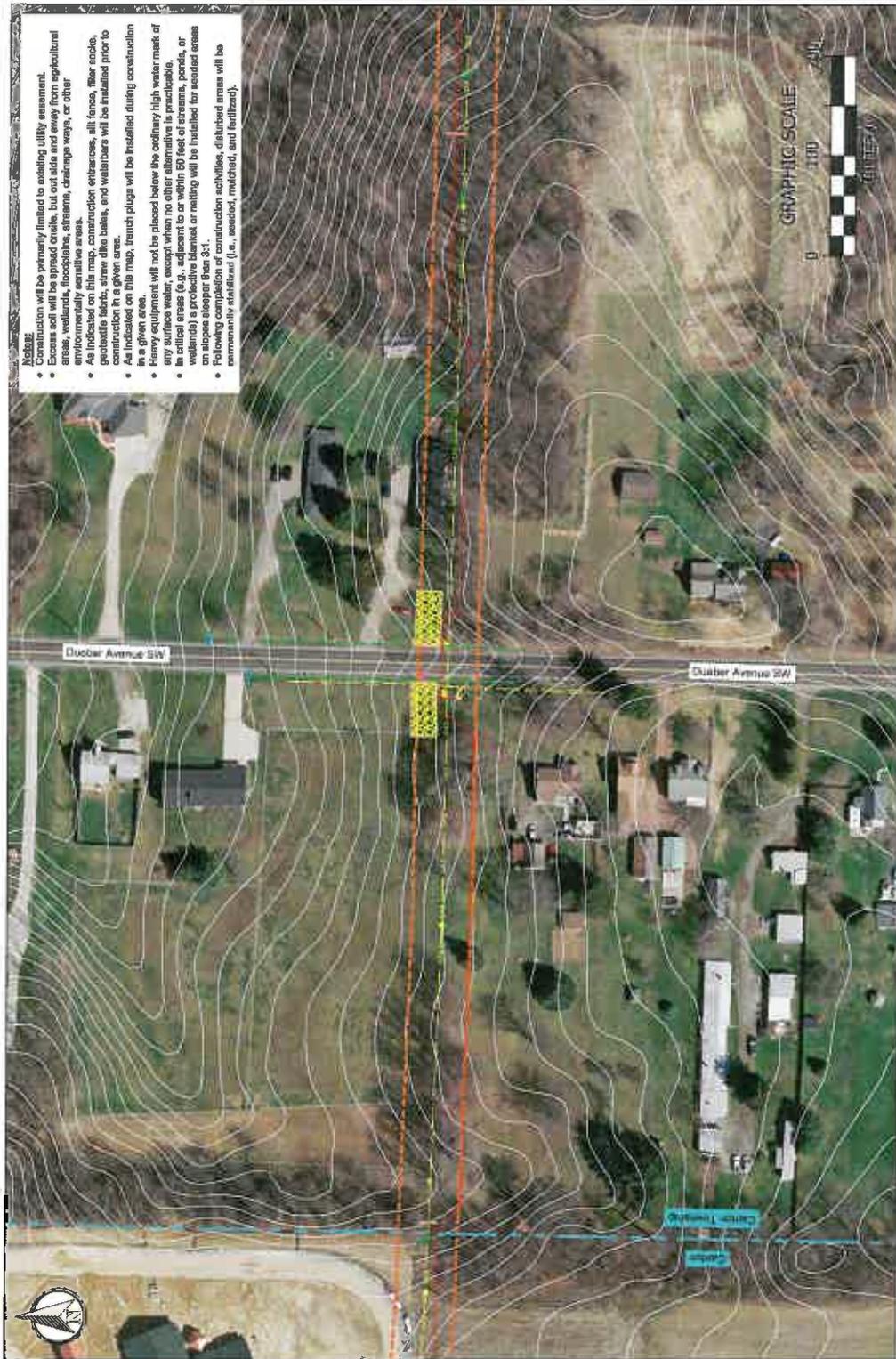
Date used to produce this map were collected on December 8, 2016 and August 24, 2017

PIR 778 - Duober Avenue SW, Pipeline Replacement Project Canton and Canton Township Stark County, Ohio

The East Ohio Gas Company



Presented by



Notes:

- Construction will be primarily limited to existing utility easement.
- Excavate soil will be spread onsite, but out side and away from agricultural areas, wetlands, floodplains, streams, drainage ways, or other environmentally sensitive areas.
- As indicated on this map, construction entrances, all fences, fiber optics, powerlines, gas, sewer data lines, and waterlines will be installed prior to construction.
- As indicated on this map, trench plugs will be installed during construction in a given area.
- Heavy equipment will not be placed below the ordinary high water mark of any surface water, except when no other alternative is practicable.
- In critical areas (e.g., adjacent to or within 50 feet of streams, ponds, or wetlands) a protective blanket or matting will be installed for seeded areas on slopes steeper than 3:1.
- Following completion of construction activities, disturbed areas will be reseeded/revegetated (i.e., seeded, mulched, and fertilized).



- V-line (catchment)
- Inlet (grate)
- Gas line riser/splitter
- Existing gas line
- Proposed gas line
- Salt Area
- Trench plug
- Water line
- Filler stockpiles/dam
- Construction entrance

- Approximate study area
- Intermittent stream
- Non-jurisdictional non-tidal ditch
- Direction of flow
- Existing culvert(s)

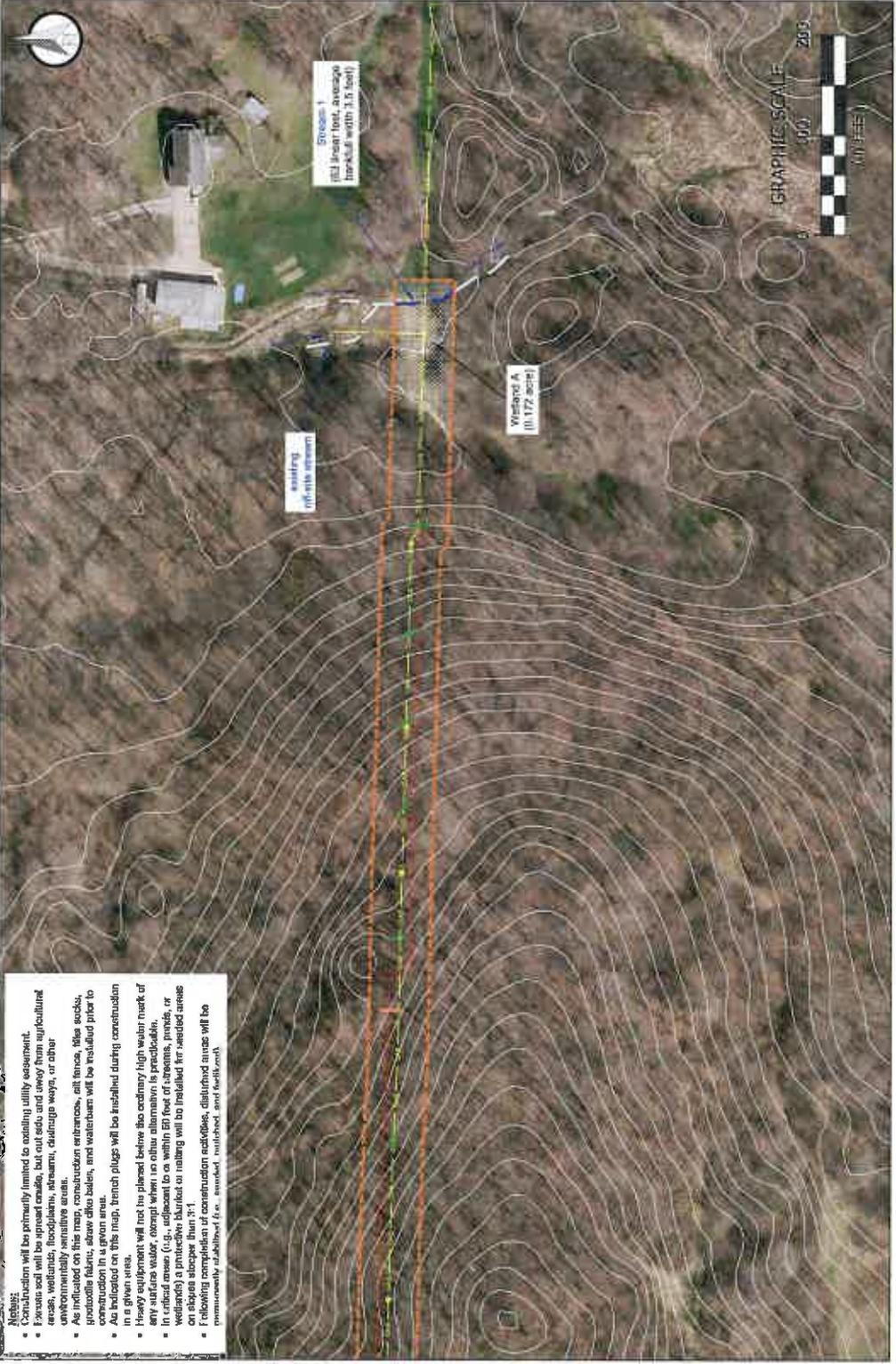
• Areas of Wetlands delineated within study area (0.172 acres)



The East Ohio Gas Company

PER 778 - Duobar Avenue SW
Pipeline Replacement Project
Canaan and Clinton Townships
Stark County, Ohio

Date used to produce this Plan was last updated on October 18, 2017



Notes:

- Construction will be primarily limited to existing utility easement.
- Erosion will be spread onsite, but not onto and away from agricultural areas, wetlands, floodplains, streams, drainage ways, or other environmentally sensitive areas.
- As indicated on this map, construction entrances, cut trenches, tree socks, ground anchors, slurry dewater basins, and waterbars will be installed prior to construction in a green area.
- Heavy equipment will not be placed below the ordinary high water mark of any surface water, except when no other alternative is practicable.
- In critical areas (i.e., adjacent to or within 50 feet of streams, ponds, or wetlands) a protective blanket or matting will be installed for seeded areas on slopes steeper than 3:1.
- Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).

- Inlet (curbside)
- Inlet (grate)
- Gas line marker/blake
- Existing gas line
- Proposed gas line
- Sill fence
- Trench plug
- Water bar
- Filler sock/check dam
- Construction entrance

- Approximate study area
- Intermittent stream
- Non-jurisdictional roadside ditch
- Direction of flow
- Existing culvert(s)

Arrows of wetlands delineated within study area (0.172 acre)



Prepared for:
The East Ohio Gas Company

PIR 778 - Dwyer Avenue SW
Pipeline Replacement Project
Canton and Canton Township
Stark County, Ohio

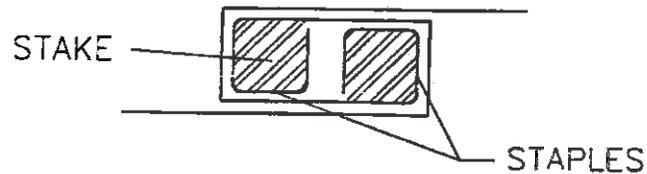
Data used to produce this map were collected on December 8, 2016 and August 24, 2017

APPENDIX D

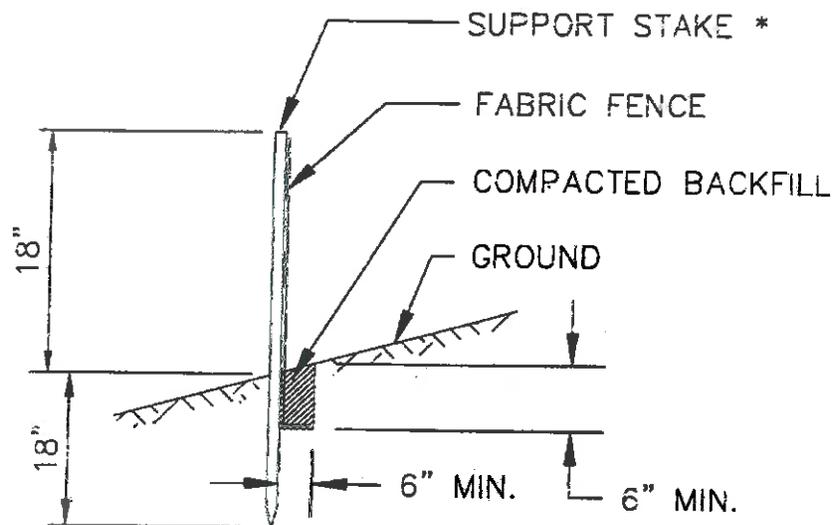
Typical Erosion and Sediment Control Drawings

DETAIL D-1

FILTER FABRIC FENCE DETAIL



JOINING FENCE SECTIONS



*Stakes spaced @ 8' maximum. Use 2"x 2" wood or equivalent steel stakes.

Filter Fabric Fence must be placed at level existing grade. Both ends of the barrier must be extended at least 8 feet up slope at 45 degrees to the main barrier alignment.

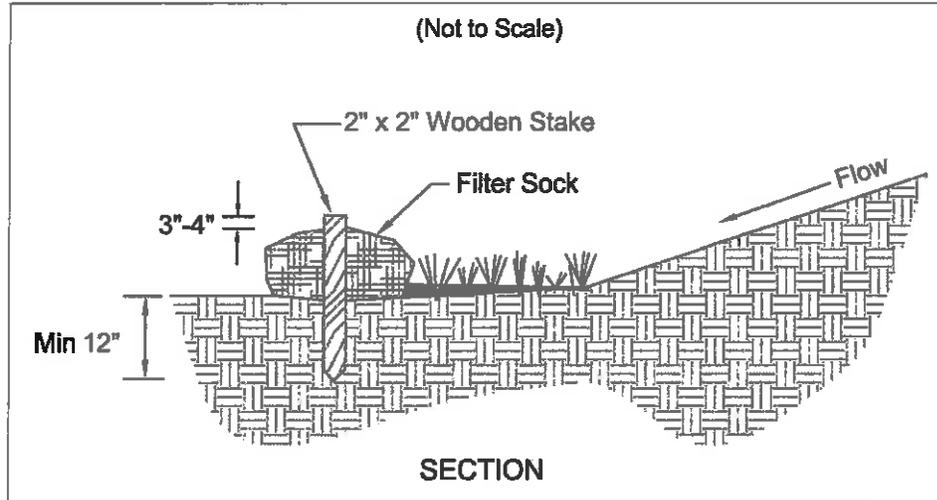
Trench shall be backfilled and compacted to prevent runoff from cutting underneath the fence.

Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

Any section of Filter fabric fence that has been undermined or topped should be immediately replaced.

DETAIL D-2

FILTER SOCK DETAIL



1. Materials – Compost used for filter socks shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of particles ranging from 3/8" to 2".
2. Filter Socks shall be 3 or 5 mil continuous, tubular, HDPE 3/8" knitted mesh netting material, filled with compost passing the above specifications for compost products.

INSTALLATION:

3. Filter socks will be placed on a level line across slopes, generally parallel to the base of the slope or other affected area. On slopes approaching 2:1, additional socks shall be provided at the top and as needed mid-slope.
4. Filter socks intended to be left as a permanent filter or part of the natural landscape, shall be seeded at the time of installation for establishment of permanent vegetation.

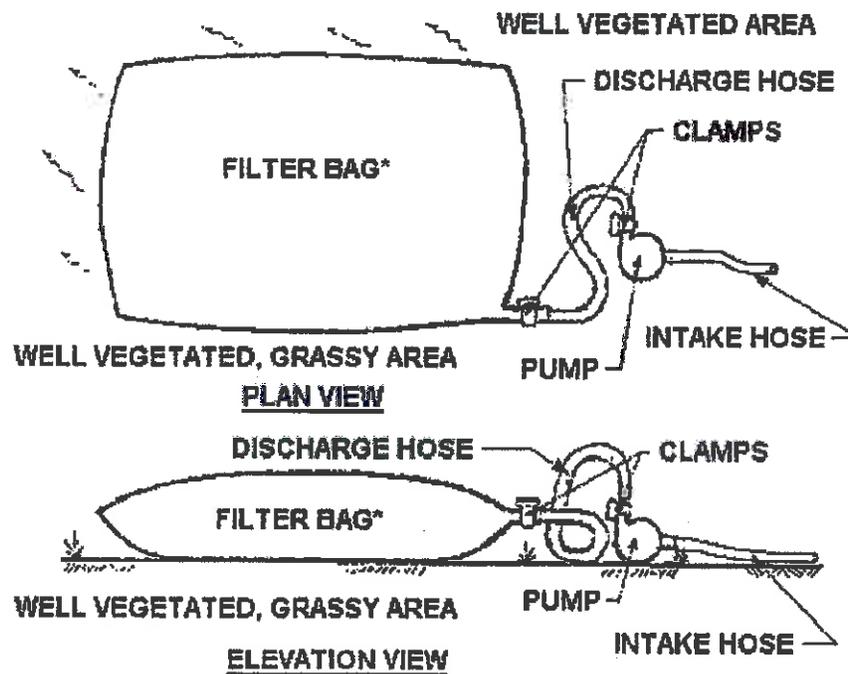
5. Filter Socks are not to be used in concentrated flow situations or in runoff channels.

MAINTENANCE:

6. Routinely inspect filter socks after each significant rain, maintaining filter socks in a functional condition at all times.
7. Remove sediments collected at the base of the filter socks when they reach 1/3 of the exposed height of the practice.
8. Where the filter sock deteriorates or fails, it will be repaired or replaced with a more effective alternative.
9. Removal – Filter socks will be dispersed on site when no longer required in such a way as to facilitate and not obstruct seedings.

DETAIL D-3

PUMPED WATER FILTER BAG DETAIL



Filter bags shall be made from non-woven geotextile material sewn with high strength, double stitched "J" type seams. They shall be capable of trapping particles larger than 150 microns.

A suitable means of accessing the bag with machinery required for disposal purposes must be provided. Filter bags shall be replaced when they become 1/2 full. Spare bags shall be kept available for replacement of those that have failed or are filled.

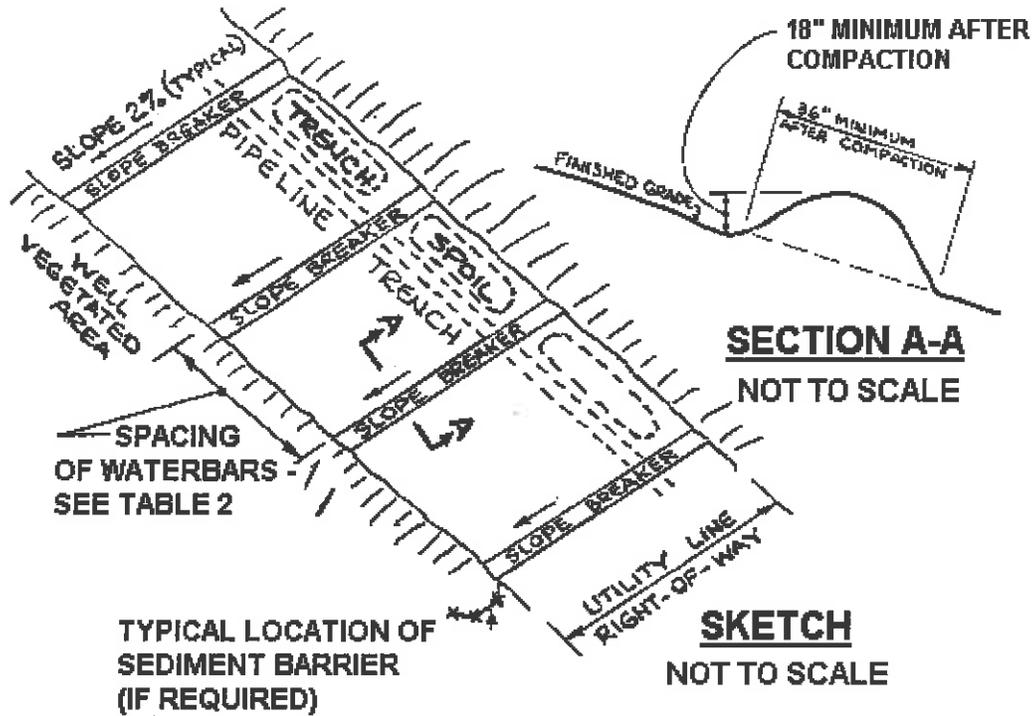
Bags shall be located in a well-vegetated (grassy) area, and discharge onto stable, erosion resistant areas. Where this is not possible, a geotextile flow path shall be provided. Bags should not be placed on slopes greater than 5%.

For hydrostatic discharge, the pumping rate is 350-500 gallons per minute (gpm). For trench dewatering, the pumping rate shall be no more than 750 gpm. Floating pump intakes should be considered to allow sediment-free water to be discharged during dewatering.

Filter bags shall be inspected daily. If any problem is detected, pumping shall cease immediately and not resume until the problem is corrected.

DETAIL D-4

WATERBAR INSTALLATION



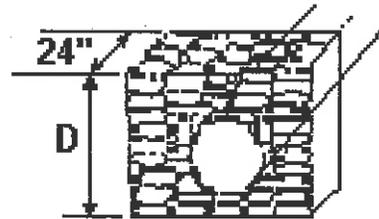
Required Spacing for Temporary and Permanent Waterbars	
Percent Slope	Spacing (FT)
1	400
2	250
5	135
10	80
15	60
20	45

Waterbars should be constructed at a slope of 1% and discharge to a well-vegetated area. Waterbars should not discharge into an open trench. Waterbars should be oriented so that the discharge does not flow back onto the ROW. Obstructions, (e.g. silt fence, rock filters, etc.) should not be placed in any waterbars. Where needed, they should be located below the discharge end of the waterbar.

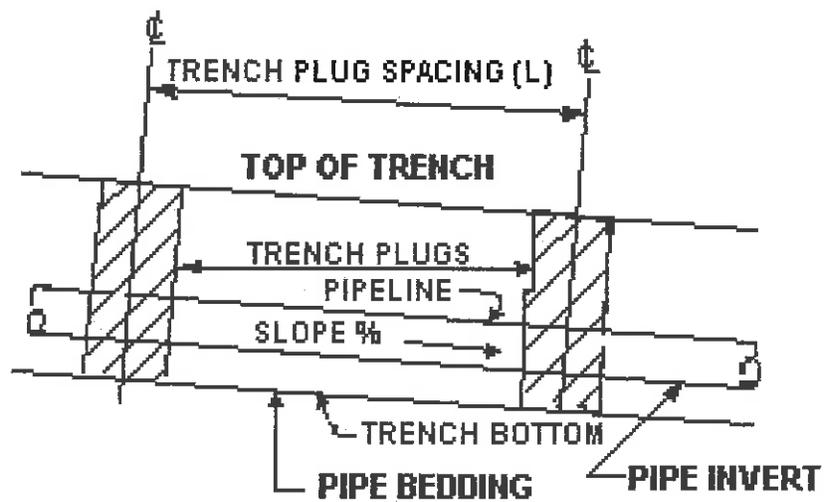
DETAIL D-5

TRENCH PLUG INSTALLATION DETAIL

D - DEPTH TO BOTTOM OF TRENCH



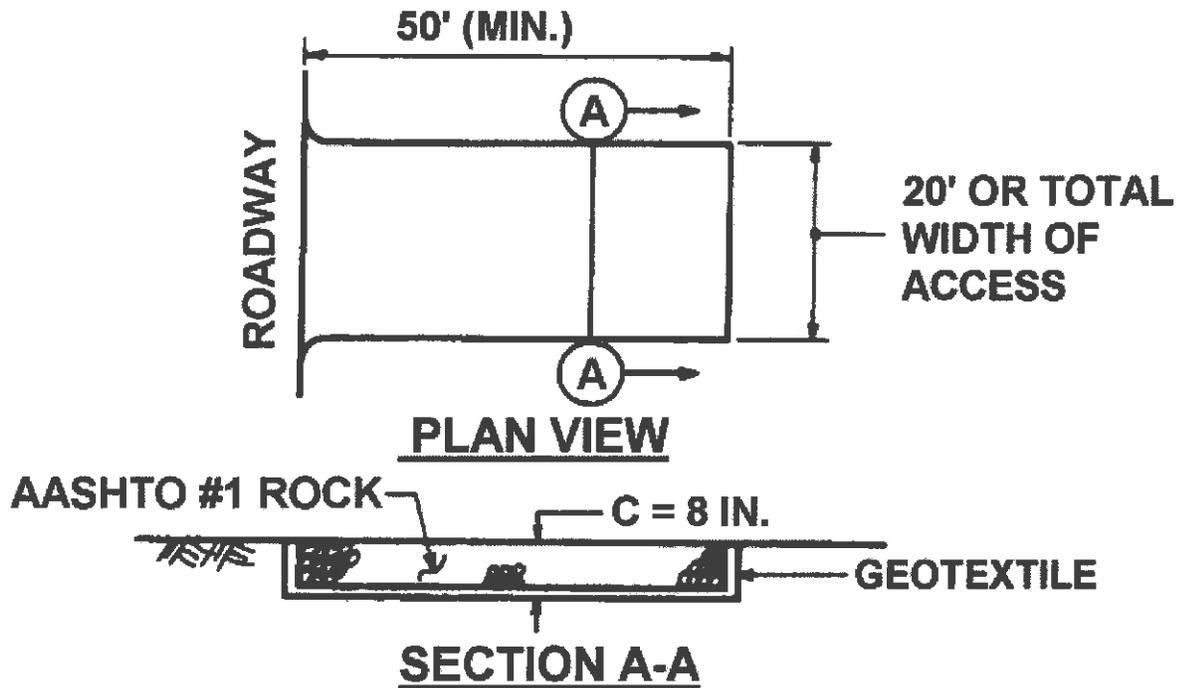
SECTION VIEW NOT TO SCALE



ELEVATION NOT TO SCALE

DETAIL D-6

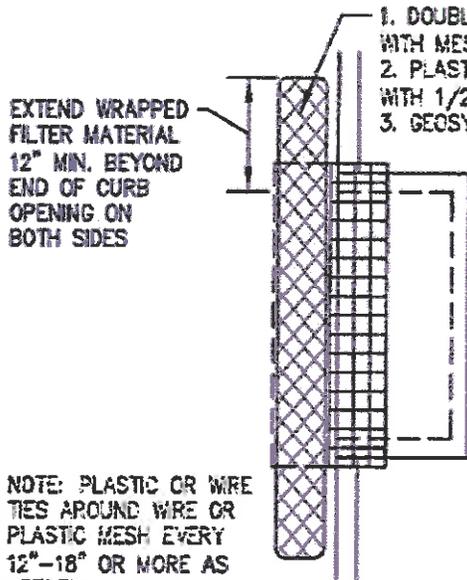
ROCK CONSTRUCTION ENTRANCE DETAIL



MAINTENANCE: Rock Construction Entrance thickness shall be constantly maintained to the specified dimensions by adding rock. A stockpile shall be maintained onsite for this purpose. At the end of each construction day, all sediment deposited on paved roadways shall be removed and returned to the construction site. Steel plates, timber mats, and tires are also acceptable materials for short-term construction entrances.

DETAIL D-7A

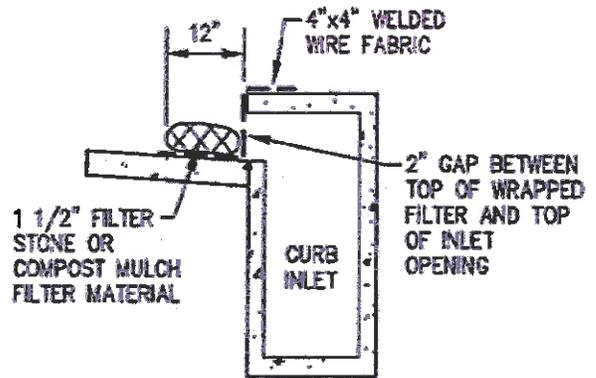
CURB INLET PROTECTION



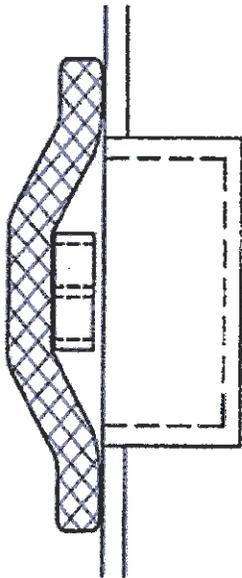
1. DOUBLE WRAP OF FLEXIBLE WIRE MESH WITH MESH OPENING 3/4" MAX., OR
2. PLASTIC NETTING DOUBLE WRAPPED WITH 1/2" MAX. OPENING, OR
3. GEOSYNTHETIC TUBES

NOTE: PLASTIC OR WIRE TIES AROUND WIRE OR PLASTIC MESH EVERY 12"-18" OR MORE AS NEEDED.

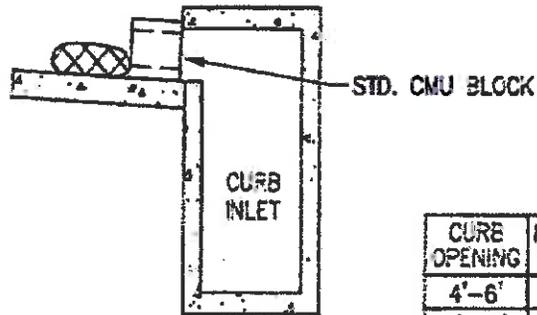
PLAN VIEW



CROSS SECTION



PLAN VIEW

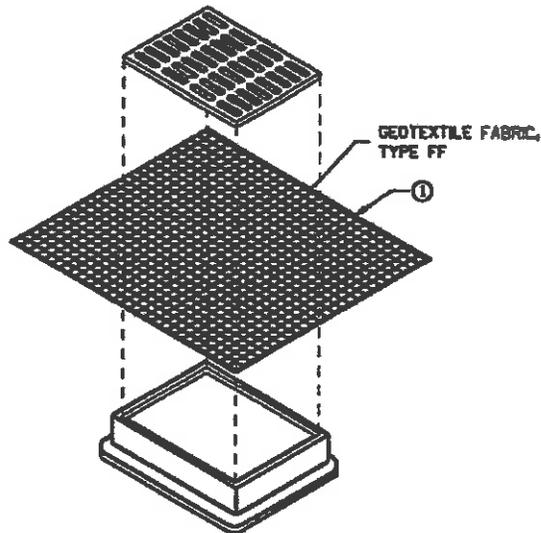


CROSS SECTION

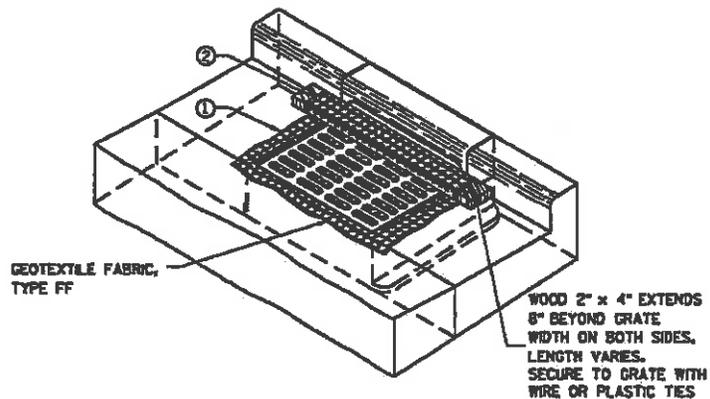
CURB OPENING	MIN. NO. BLOCKS
4'-6'	1
8'-10'	2
12'-14'	3
16'-20'	4

DETAIL D-7B

CURB INLET PROTECTION



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

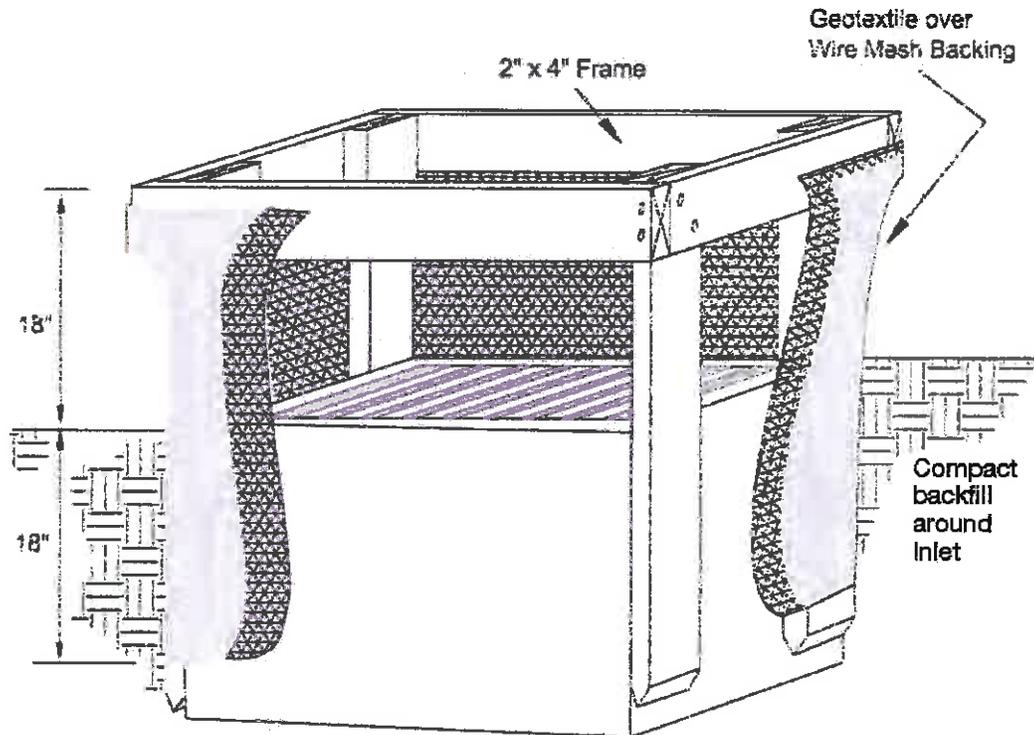
TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

DETAIL D-7C

GEOTEXTILE INLET PROTECTION DETAIL



SECTION

1. Inlet protection shall be constructed either before upslope land disturbance begins or before the inlet becomes functional.
2. The earth around the inlet shall be excavated completely to a depth at least 18 inches.
3. The wooden frame shall be constructed of 2-inch by 4-inch construction grade lumber. The 2-inch by 4-inch posts shall be driven one (1) ft. into the ground at four corners of the inlet and the top portion of 2-inch by 4-inch frame assembled using the overlap joint shown. The top of the frame shall be at least 6 inches below adjacent roads if ponded water will pose a safety hazard to traffic.
4. Wire mesh shall be of sufficient strength to support fabric with water fully impounded against it. It shall be stretched tightly around the frame and fastened securely to the frame.
5. Geotextile material shall have an equivalent opening size of 20-40 sieve and be resistant to sunlight. It shall be stretched tightly around the frame and fastened securely. It shall extend from the top of the frame to 18 inches below the inlet notch elevation. The geotextile shall overlap across one side of the inlet so the ends of the cloth are not fastened to the same post.
6. Backfill shall be placed around the inlet in compacted 6-inch layers until the earth is even with notch elevation on ends and top elevation on sides.
7. A compacted earth dike or check dam shall be constructed in the ditch line below the inlet if the inlet is not in a depression. The top of the dike shall be at least 6 inches higher than the top of the frame.
8. Filter fabric and filter socks can also be used as inlet protection.

APPENDIX E

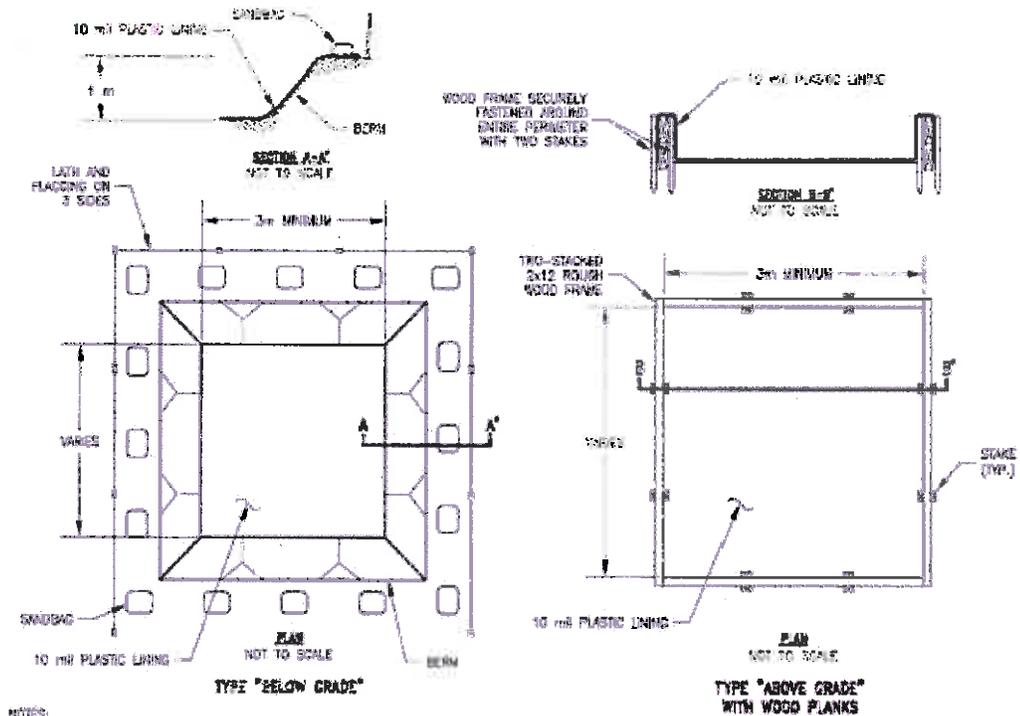
Concrete Washout Detail

DETAIL E-1

Concrete Washout Detail

Note: This detail to be used in the absence of the following concrete washout BMPs:

1. Washout into a depressional area where new sidewalks will be poured
2. Washout into a lined pit in the ground with filter socks as perimeter control



NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE PAGE 8) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



Sign Examples



Photograph of the "ABOVE GRADE" concrete washout structure

APPENDIX F

SWP3 Inspection Form

ECTS Checklist Guidance

Checklist Title: SWP3 Inspection Form

(For Dominion Transmission, Inc. Construction Projects with a SWP3)

THIS CHECKLIST IS TO BE COMPLETED BY AN ENVIRONMENTAL INSPECTOR (EI) CONTRACTED BY DOMINION OR A DOMINION INSPECTOR DURING SCHEDULED OR UNSCHEDULED SITE INSPECTIONS OF ACTIVE CONSTRUCTION SITES WITH A SWP3.

- **Information at the top of the form.**
 - **Site Name:** Note the Project name and/or location of the construction activity.
 - **Inspector:** Note the inspector's name and circle the appropriate title.
 - **Qualifications:** Note applicable qualifications (Y/N).
 - Eight-Hour Stormwater Management During Construction Course - A course administered by numerous third-party trainers.
 - CESSWI - Certified Erosion, Sediment and Stormwater Inspector. A federal certification program administered by EnviroCert International. If "Yes" include certification number.
 - Dominion SWP3 Training - A training module prepared by Dominion Environmental Services for Dominion construction Sites
 - **Signature:** Include the signature of the inspector on paper copy maintained at the site.

- **Inspection Documentation Area:**
 - Circle the applicable inspection type:
 - "Weekly" - Inspection required during active construction and restoration.
 - "Monthly" - Inspection required after all construction and restoration activity has ceased.
 - "Routine" - Minimum weekly inspection interval
 - "Precipitation Event" - Must be completed within 24 hours of a more than 0.5-inch precipitation event, as determined by Dominion personnel or a designated representative using National Weather Service or other acceptable resources such as an on-site rain gauge.
 - "Other" - Random inspection, Compliance Inspection, Follow-up, etc.
 - **Has it rained since last inspection?** (Y/N) Circle as appropriate and note the time started and duration of the previous storm event. If the precipitation amount is known, insert this information here.
 - **Current Conditions:** Describe the weather conditions during this inspection. Circle the most appropriate soil condition. "Saturated" = standing water is visible on the ground surface.
 - **Features Inspected:** List each feature inspected at the site. The Feature ID must correspond to the site plan submitted with the SWP3 or E&S Control Plan. Record any repairs or maintenance necessary for each device; include an accurate description of the location of repair and a date when the repair must be completed.

- **Information on Second Page.**
 - **Construction Inspector(s):** Note the inspection date, site name, and inspector'(s) name.
 - **Previous Inspections:** Review the previous site inspection form, including action items and dates of completion. Comment on any ongoing activities and its progress. The site has 3 days from discovery to complete applicable repairs and 10 days from discovery to install new controls if warranted.
 - **Necessary Documents:** Confirm the presence of environmental permit, plans, and notices. These must include: a Stormwater Pollution Prevention Plan (SWP3) or Erosion and Sediment (E&S) Control Plan; Construction Permit/Land Disturbance Permit; Notice of Intent (NOI) to begin disturbance; and Notices of Termination.
 - **Disturbed Areas:** Any disturbed areas that are anticipated to lie dormant for more than 21 days must be stabilized to prevent potential erosion. Stabilization may include: permanent cover (e.g., building, parking lot, etc.); vegetation (seed and straw), mulch or tack; gravel, stone or rip rap.
 - **E/SCDs:** Are Erosion/Sediment Control Devices (E/SCDs) of appropriate design for the areas they are controlling, properly installed and being maintained? The E/SCDs installed must be described in the SWP3 or E&S Control Plan. Furthermore, design details must meet the minimum design details described in the state stormwater control manual. If alternate control methods were installed: notify the site manager and engineer to confirm the controls installed are sufficiently designed; revise the plans accordingly; or remove and replace insufficient controls. The site has 3 days from discovery to complete applicable repairs and 10 days from discovery to install new controls if warranted.
 - **Final Grade:** List any areas at final grade since last inspection. Areas at final grade are not likely to be disturbed again and must be stabilized. See Question # 9 above.
 - **Untreated Discharges:** Observations of untreated discharge may include:
 - A sheen indicating petroleum products;
 - Foam or froth indicating a chemical or other discharge;
 - Suspended particles or sludge beneath the surface;
 - Discolored water, including dirty/muddy characteristics of sedimentation;
 - A change in water temperature; and
 - Damaged or stressed vegetation or wildlife.
 - **Notification:** Review the inspection findings with a site manager or other responsible person and note this individual.

Checklist Owner: Tara Buzzelli
Local: 8-657-2579
Work: 330-664-2579
Cell: 330-604-8871
Email: Tara.E.Buzzelli@dom.com

Subject Matter Expert: Greg Eastridge
Local: 8-657-2576
Work: 330-664-2576
Cell: 330-571-7855
Email: Gregory.K.Eastridge@dom.com

Date of Last Revision: December 2012

OHIO SWP3 INSPECTION FORM

Site Name: PIR 778 – Dueber Avenue SW

Date:

Environmental Inspection Company:

Environmental Inspector:

Qualifications: Completed 8-HR Stormwater Management During Construction Course
 CESSWI
 Dominion SWP3 Training

Y	N
Y	N
Y	N

Inspector Signature:

Weekly

Monthly

Routine Inspection

Precipitation Event >0.5"
(circle all applicable)

Other _____

Has it rained since last inspection? *(circle one)*

Yes: Date(s) & Approx. Amount _____

No

Current Conditions: _____

Soil Conditions: **Dry**

Wet

Saturated

Frozen

(circle applicable conditions)

Feature ID	BMP, ECD, SCD Applied	Recommendations

BMP: Best Management Practice E/SCD: Erosion/Sediment Control Device SF: Silt Fence SW: Straw Wattle W: Wetland S: Stream
 TM: Timber Mat IP: Inlet Protection WB: Water Bar RCE: Rock Construction Entrance ECM: Erosion Control Matting FS: Filter
 Sock

Date:

Site: PIR 778 – Dueber Avenue SW

Stormwater Pollution Prevention Plan Inspection Form

Construction Inspector(s) On Site:

Unresolved issues from previous inspections:

Are the SWP3, NOI and General Permit Letter on-site? Yes No
If no, explain.

List newly disturbed areas likely to lie dormant for more than 14 days:

Have soil stockpiles been placed at least 50 feet from drainageways?

List construction entrances and SCDs used to prevent tracking into roadway:

Are E/SCDs of appropriate design for area they are controlling, properly installed and being maintained?

List any new areas at final grade since last inspection:

Is the inlet protection of appropriate design?

Were any untreated discharges into streams, wetlands or inlets observed? If yes, document location(s):

Note person(s) notified of any inspection finding(s) and expected date of correction:

Notes:

APPENDIX G

NOI Application



Division of Surface Water - Notice of Intent (NOI) For Coverage Under Ohio Environmental Protection Agency General NPDES Permit

(Read accompanying instructions carefully before completing this form.)

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized to discharge into state surface waters under Ohio EPA's NPDES general permit program. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. Complete all required information as indicated by the instructions. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. A check for the proper amount must accompany this form and be made payable to "Treasurer, State of Ohio." (See the fee table in Attachment C of the NOI instructions for the appropriate processing fee.)

I. Applicant Information/Mailing Address

Company (Applicant) Name: The East Ohio Gas Company

Mailing (Applicant) Address: 320 Springside Drive, Suite 320

City: Akron

State : OH

Zip Code: 44333

Country: USA

Contact Person: Tara Buzzelli

Phone: (330) 664-2579

Fax: (330) 664-2669

Contact E-mail Address: tara.e.buzzelli@dominionenergy.com

II. Facility/Site Location Information

Facility/Site Name: PIR 778 - Dueber Avenue SW

Facility Address: Dueber Avenue SW

City: Canton

State: OH

Zip Code: 44706

County: Stark

Township: Canton

Facility Contact Person: Dave Hollendonner

Phone: (330) 664-2677

Fax: (330) 664-2691

Facility Contact E-mail Address: david.hollendonner@dominionenergy.com

Latitude: 40.75425

Longitude: -81.39879

Facility/Map Attachment EBIZ-A8jmvrcj-PIR USGS.pdf

Receiving Stream or MS4: Canton MS4, Unnamed tributary of Nimishillen Creek (05040001)

III. General Permit Information

General Permit Number: OHC000004

Initial Coverage: Y **Renewal Coverage:** N

Type of Activity: Construction Site Stormwater General Permit

SIC Code(s):

Existing NPDES Facility Permit Number:

ODNR Coal Mining Application Number:

If Household Sewage Treatment System, is system for:

New Home Construction:

Replacement of failed existing system:

Outfall

Design Flow (MGD):

Associated Permit Effluent Table:

Receiving Water :

Latitude

Longitude

Are These Permits Required?

PTI: NO

Individual 401 Water Quality Certification: NO

Individual NPDES: NO

Isolated Wetland: NO

U.S. Army Corp Nationwide Permit: NO

Proposed Project Start Date(if applicable): October 01, 2017

Estimated Completion Date(if applicable): June 30, 2018

Total Land Disturbance (Acres): 5

MS4 Drainage Area (Sq. Miles):

SWP3 Attachment(s): <None>

IV. Payment Information

Check #:

For Ohio EPA Use Only

Check Amount:

Check ID(OFA):

ORG #:

Date of Check:

Rev ID:

DOC #:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

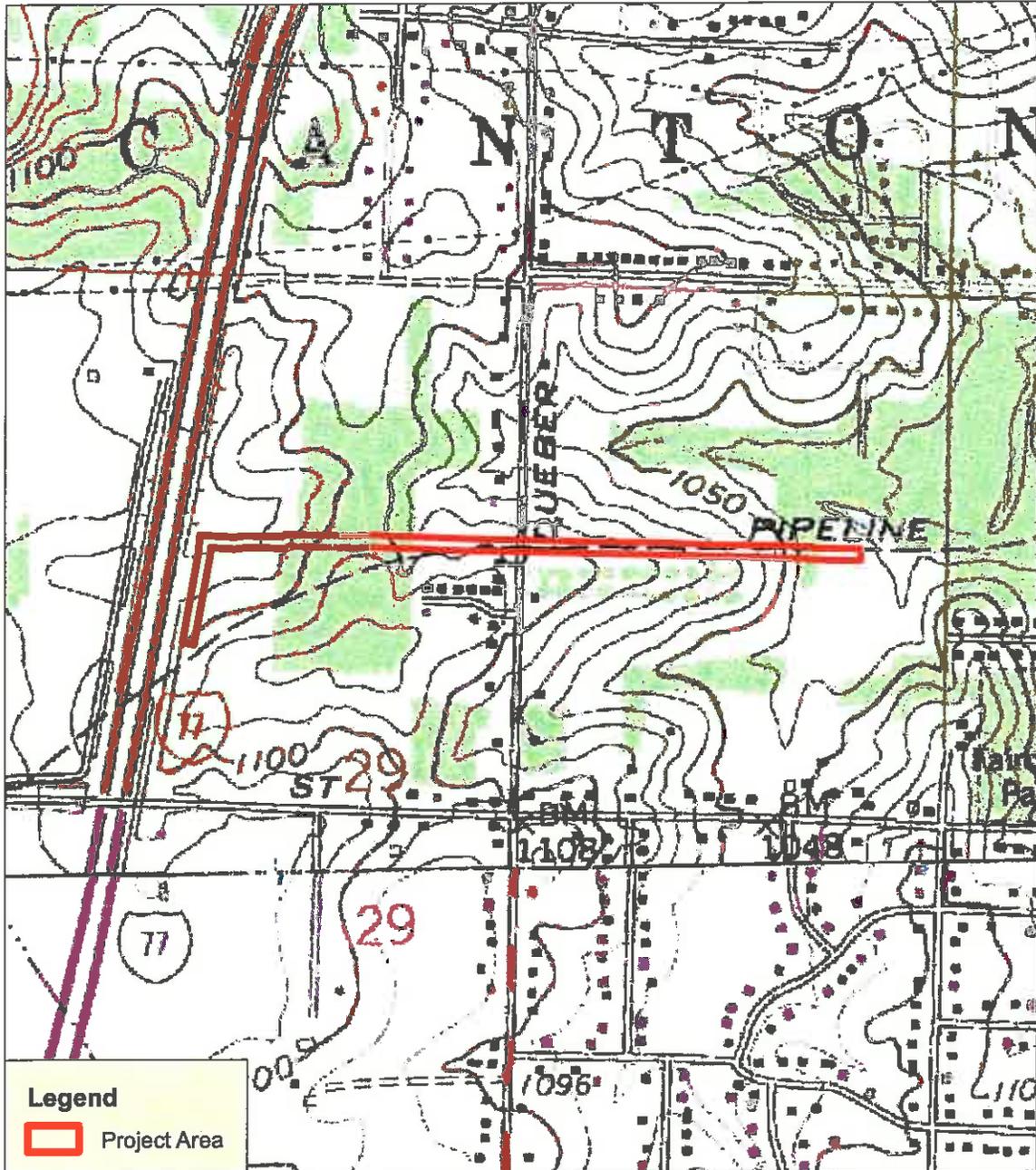
Applicant Name (printed or typed):

Title:

Signature:

Date:

**Location of Project Area on
USGS 7.5-Minute Topographic Map
(Canton West Quadrangle)**



Legend

 Project Area



500 250 0 500 1,000
Feet

Site Location: PIR 778 - Dueber Avenue SW
Pipeline Replacement Project
Canton Township, Stark County, Ohio
Source: U.S. Department of the Interior
U.S. Geological Survey
Reston, Virginia
Photorevised 1985

Ohio EPA
General NOI Application Fee Invoice
 Division of Surface Water



Billed to Applicant:
 The East Ohio Gas Company
 320 Springside Drive, Suite 320
 Akron, OH 44333

Facility:
 PIR 778 - Dueber Avenue SW
 Dueber Avenue SW
 Canton, OH 44706

Transaction ID: 1032752
DATE: 09/25/2017
Payment Due: 10/25/2017
Revenue ID: 1187526

DESCRIPTION	AMOUNT
Notice of Intent / Construction Site Stormwater General Permit / OHC000004	\$200.00

Your application will not be processed until the fee is paid in full by the due date indicated.

Balance Due \$200.00

PAYMENT OPTIONS - Payment options for this invoice include the following:

Electronic Payment through Ohio EPA's eBusiness Center: To pay this invoice online, visit <http://ebiz.epa.ohio.gov>

Payment by Check: If paying by check, please send your check with the remittance advice outlined below.

Include a copy of this document with all payments and document submissions.
You must write the Revenue ID (if shown below) on your check to ensure proper credit.

If paying via check or money order, make all checks payable to "Treasurer, State of Ohio." To ensure credit for payment, please write your Revenue ID on your check and include this remittance advice with your payment.

Pay To:
 Treasurer, State of Ohio

Mail All Submissions To:
 Ohio EPA-OFA
 Department L-2711
 Columbus, OH 43260-2711

Transaction ID:	1032752
Revenue ID:	1187526
Amount Due:	\$200.00
Revenue Type:	DSW- General Permit NOI - Other(APRON)
Amount Enclosed:	

<i>For internal Ohio EPA use only.</i>	
Check #:	
Check ID #:	
Postmark Date:	



7005 1820 0004 0659 8191
7005 1820 0004 0659 8191

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only. Insurance Coverage Provided)
 For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Registered Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To: **OEPA - NO1** *Sherman Lake*
 Street, Apt. No. or PO Box No. **PR 778, 782, 1078, 559**
 City, State, ZIP+4
Please return to T. Buzzelli
 Signature of Addressee

sent 09/26/17

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Ohio EPA-OFA
 Department L-2711
 Columbus, Ohio 43260-2711

2. Article Number
(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

7005 1820 0004 0659 8191

CHERYL P MILLER
 1001 DOM ENERGY FLEX
 DOMINION ENERGY OHIO
 320 SPRINGSIDE DR STR 820
 AKRON OH 44333

Commercial Convenience Check **104**

September 26, 2017 9/26/17
 Date

Pay to the order of *Treasurer, State of Ohio* \$ **200.00**
Two hundred dollars and no cents Dollars

Bank of America Bank of America, N.A. Richmond, VA
 For *PR 778 OH EPA No1*
MWO # 6331 5961/40
Reserve ID # 116 7837

Void after 60 days
 For Deposit Only

Cheryl P. Miller

**CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT G

**OHIO ENVIRONMENTAL PROTECTION AGENCY
NOI GENERAL CONSTRUCTION STORMWATER PERMIT**



Division of Surface Water - Notice of Intent (NOI) For Coverage Under Ohio Environmental Protection Agency General NPDES Permit

(Read accompanying instructions carefully before completing this form.)

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized to discharge into state surface waters under Ohio EPA's NPDES general permit program. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. Complete all required information as indicated by the instructions. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. A check for the proper amount must accompany this form and be made payable to "Treasurer, State of Ohio." (See the fee table in Attachment C of the NOI instructions for the appropriate processing fee.)

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Phone: (330) 664-2579

Fax: (330) 664-2669

Contact E-mail Address: tara.e.buzzelli@dominionenergy.com

II. Facility/Site Location Information

Facility/Site Name: PIR 778 - Dueber Avenue SW

Facility Address: Dueber Avenue SW

City: Canton

State: OH

Zip Code: 44706

County: Stark

Township: Canton

Facility Contact Person: Dave Hollendonner

Phone: (330) 664-2677

Fax: (330) 664-2691

Facility Contact E-mail Address: david.hollendonner@dominionenergy.com

Latitude: 40.75425

Longitude: -81.39879

Facility/Map Attachment EBIZ-A8jmvrcj-PIR USGS.pdf

Receiving Stream or MS4: Canton MS4, Unnamed tributary of Nimishillen Creek (05040001)

III. General Permit Information

General Permit Number: OHC000004

Initial Coverage: Y **Renewal Coverage:** N

Type of Activity: Construction Site Stormwater General Permit

SIC Code(s):

Existing NPDES Facility Permit Number:

ODNR Coal Mining Application Number:

If Household Sewage Treatment System, is system for:

New Home Construction:

Replacement of failed existing system:

Outfall

Design Flow (MGD):

Associated Permit Effluent Table:

Receiving Water :

Latitude

Longitude

Are These Permits Required?

PTI: NO

Individual 401 Water Quality Certification: NO

Individual NPDES: NO

Isolated Wetland: NO

U.S. Army Corp Nationwide Permit: NO

Proposed Project Start Date(if applicable): October 01, 2017

Estimated Completion Date(if applicable): June 30, 2018

Total Land Disturbance (Acres): 5

MS4 Drainage Area (Sq. Miles):

SWP3 Attachment(s): <None>

IV. Payment Information

Check #:

For Ohio EPA Use Only

Check Amount:

Check ID(OFA): _____

ORG #: _____

Date of Check:

Rev ID: _____

DOC #: _____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

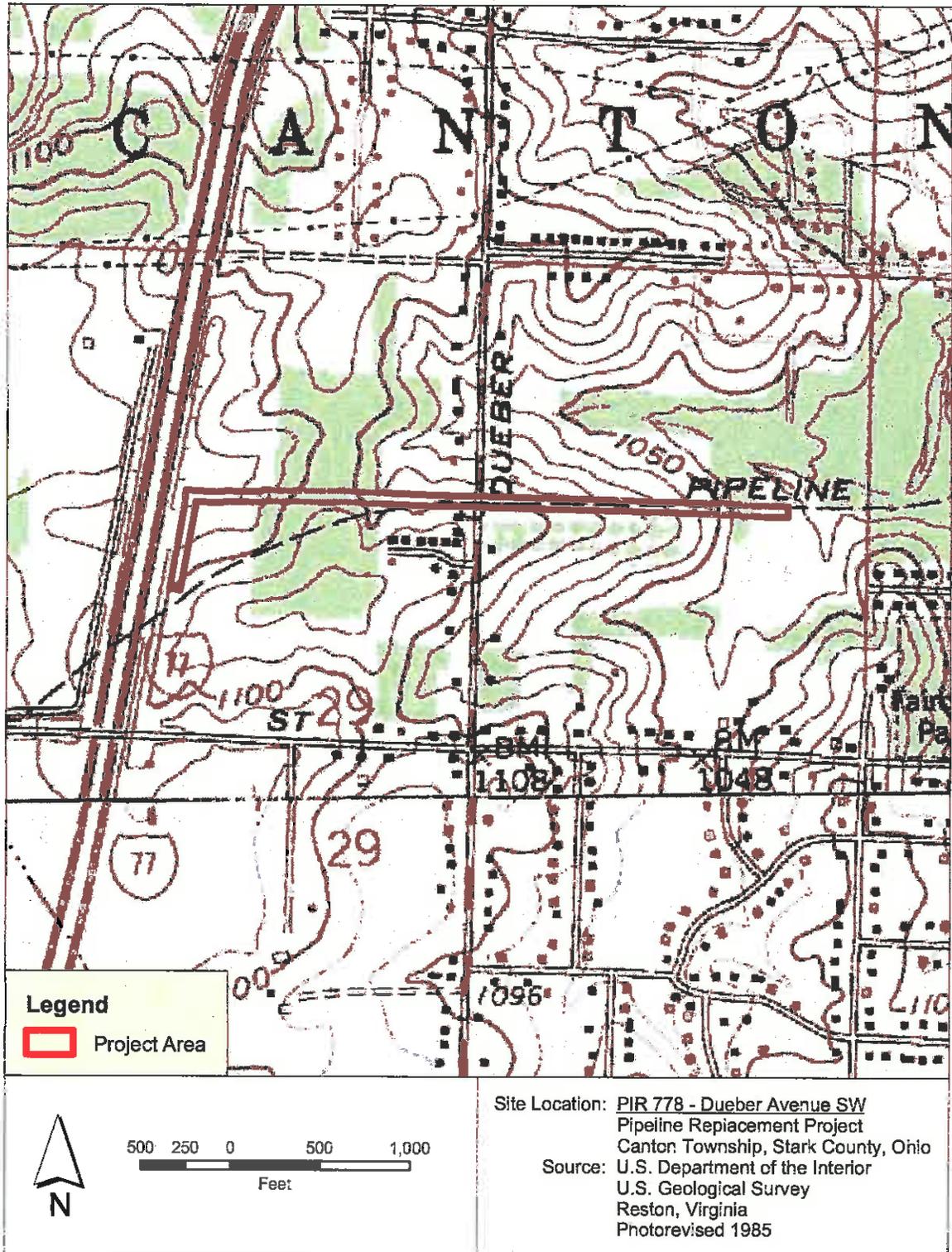
Title:

Signature:

Date:

Project Name: PIR 778 - Dueber Avenue SW
Facility Contact: Dave Hollendonner

**Location of Project Area on
USGS 7.5-Minute Topographic Map
(Canton West Quadrangle)**



Ohio EPA
General NOI Application Fee Invoice
 Division of Surface Water



Billed to Applicant:
 The East Ohio Gas Company
 320 Springside Drive, Suite 320
 Akron, OH 44333

Transaction ID: 1032752
DATE: 09/25/2017
Payment Due: 10/25/2017
Revenue ID: 1167526

Facility:
 PIR 778 - Dueber Avenue SW
 Dueber Avenue SW
 Canton, OH 44706

DESCRIPTION	AMOUNT
Notice of Intent / Construction Site Stormwater General Permit / OHC000004	\$200.00

Your application will not be processed until the fee is paid in full by the due date indicated.

Balance Due **\$200.00**

PAYMENT OPTIONS - Payment options for this invoice include the following:

Electronic Payment through Ohio EPA's eBusiness Center: To pay this invoice online, visit <http://ebiz.epa.ohio.gov>
Payment by Check: If paying by check, please send your check with the remittance advice outlined below.

Include a copy of this document with all payments and document submissions.
You must write the Revenue ID (if shown below) on your check to ensure proper credit.

If paying via check or money order, make all checks payable to "Treasurer, State of Ohio." To ensure credit for payment, please write your Revenue ID on your check and include this remittance advice with your payment.

Pay To:
 Treasurer, State of Ohio

Mail All Submissions To:
 Ohio EPA-OFA
 Department L-2711
 Columbus, OH 43260-2711

Transaction ID:	1032752
Revenue ID:	1167526
Amount Due:	\$200.00
Revenue Type:	DSW- General Permit NOI - Other(APRON)
Amount Enclosed:	

<i>For internal Ohio EPA use only.</i>	
Check #:	
Check ID #:	
Postmark Date:	

**CASE NO. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT H

U.S. FISH & WILDLIFE SERVICE IPAC SUMMARY

IPaC Information for Planning and Consultation U.S. Fish & Wildlife Service

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as trust resources) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Project information

NAME

PIR 778

LOCATION

Stark County, Ohio



Local office

Ohio Ecological Services Field Office

 (614) 416-8993

 (614) 416-8994

4625 Morse Road, Suite 104
Columbus, OH 43230-8355

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species¹ are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service.

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.

The following species are potentially affected by activities in this location:

Mammals

NAME

STATUS

Indiana Bat *Myotis sodalis*

Endangered

There is **final designated** critical habitat for this species. Your location is outside the critical habitat.

<https://ecos.fws.gov/ecp/species/5949>

Northern Long-eared Bat *Myotis septentrionalis*

Threatened

This species only needs to be considered if the following condition applies:

- Incidental take of the northern long-eared bat is not prohibited at this location. Federal action agencies may conclude consultation using the streamlined process described at <https://www.fws.gov/midwest/endangered/mammals/nleb/s7.html>

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/9045>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service³. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured. Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

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**CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT**

ATTACHMENT I

ODNR COORDINATION CORRESPONDENCE

September 14, 2017

BY EMAIL

John Kessler, PE
Ohio Department of Natural Resources
Office of Real Estate
2045 Morse Road, Building E-2
Columbus, Ohio 43229-6693

RE: The East Ohio Gas Company – Pipeline Infrastructure Replacement Program
Ohio Listed Species Consultation
PIR 778 – Dueber Avenue SW

Dear Mr. Kessler:

Please review the following information regarding the East Ohio Gas Company (EOG) Pipeline Infrastructure Replacement (PIR) project, PIR 778 – Dueber Avenue SW. To assist with your review of the project, site maps and photographs are enclosed.

Project Purpose and Location

EOG is proposing to replace approximately 3,367 feet of natural gas pipeline (four [4]- and twelve [12]-inch diameters) with 3,666 feet of pipeline under the PIR Program. The purpose of the program is to replace existing pipe with corrosion-resistant pipe to ensure the safety and reliability of pipeline operations.

PIR 778 – Dueber Avenue SW is located in the City of Canton and Canton Township, Stark County, along an easement that extends approximately 1,600 feet east of Dueber Avenue SW, and approximately 1,650 feet west to I-77, where the easement extends south parallel to I-77 for approximately 550 feet. The latitude and longitude coordinates for the project center point are 40.75425, -81.39879. The project area is indicated on an excerpt of the Canton West, Ohio USGS 7.5-minute topographic map and the project area map, located in Attachment A. Representative photographs of the project area are included in Attachment B.

Project Area Description

The project area was surveyed on December 8, 2016 and August 24, 2017. This survey was performed to collect information on potential wetlands, streams, and protected species habitat. The project area is located within rural, residential and agricultural areas with land covers of mowed grass, lawn trees, successional woods, agricultural field, new field, pasture, emergent wetland, scrub/shrub wetland, and forested wetland.

A wetland is located on the eastern end of the project area and extends off site both north and south of the pipeline easement. An intermittent stream is also located on the eastern end of the project area, and drains south through Wetland A. The wetland and stream will be avoided.

A stormwater basin is located within the project area west of Greentree Avenue SW. It will be necessary to temporarily impact the basin for the installation of the pipeline. This feature is not a Water of the U.S. and is therefore not subject to regulatory oversight from the U.S. Army Corps of Engineers. However, all Best Management Practices will be utilized to minimize impacts to the water quality function of the basin. Following installation of the pipeline, the disturbed areas will be restored to pre-construction grade and the basin embankment will be stabilized and re-vegetated. No permanent impacts to this feature will occur with the installation of pipeline for this project. Photographs of the wetland and stormwater basin are included in Attachment B.

The project area was evaluated for potential habitat for the Indiana bat (*Myotis sodalis*) or northern long-eared bat (*Myotis septentrionalis*). PIR 778 is in a rural, residential, and agricultural setting with trees of various sizes scattered throughout the project area. No wooden structures occur in the study area.

However, successional woods border the pipeline easement throughout the project area. The successional woods are composed primarily of *Carya ovata* (shagbark hickory), *Acer rubrum* (red maple), *Quercus rubra* (red oak) and *Prunus serotina* (black cherry), with diameters at breast height ranging from eight (8) to fourteen (14) inches. The understory is primarily composed of *Rosa multiflora* (multiflora rose), *Frangula alnus* (glossy buckthorn), *Lonicera morrowii* (Morrow's honeysuckle), *Toxicodendron radicans* (poison ivy), and *Vitis* spp. (grape vine). The riparian corridor along Stream 1 extends beyond the project area providing connectivity to other forested areas and may provide foraging opportunities for these bats.

Additionally, three (3) trees were identified with characteristics that may potentially provide habitat for these bats. The locations of these trees are indicated on the map included in Attachment A. Photographs of the trees are included in Attachment B. It will be necessary to remove the three (3) potential habitat trees. EOG proposes to cut these trees between October 1 and March 31. Clearing of other trees in the project area may be necessary to safely conduct project activities or upon the directive of a city arborist and can be cleared at any time.

Request for Finding

Considering the information above, EOG is requesting a finding from the Ohio Department of Natural Resources regarding any adverse effect to any state-listed species and natural areas with ecological and/or geological significance.

A timely response is respectfully requested to ensure compliance relative to state-listed endangered species prior to initiating construction activities. An email response would be greatly appreciated. Please send the email to Tara Buzzelli at Tara.E.Buzzelli@dominionenergy.com.

If you have any questions or need additional information, please contact Tara Buzzelli at (330) 664-2579.

Sincerely,

A handwritten signature in blue ink that reads "Amanda B. Tornabene". The signature is fluid and cursive, with the first name being the most prominent.

Amanda B. Tornabene
Director, Environmental Services (Air Program and Gas Infrastructure Group)

Enclosures

cc: Tara Buzzelli

Attachment A
Maps

Map View Location Map



The information presented is not a survey or engineering product, and should not be used for any purpose provided by applicable law or regulation that requires a surveying or engineering license.

= Approximate study area

Prepared by:

 A Division of The Davey Tree Expert Company

Prepared for:
 The East Ohio Gas Company

PIR 778 - Duster Avenue SW
 Pipeline Replacement Project
 Canton and Canton Township
 Stark County, Ohio

Data used to produce this map were collected on December 8, 2016 and August 24, 2017

Location Map



- Gas line macroroute
- Existing gas line
- Proposed gas line

- Approximate study area
- Intermittent stream
- Non-jurisdictional roadside ditch
- Direction of flow
- () Existing culvert(s)
- Areas of wetlands delineated within study area (2,172 acres)
- Potentially wet areas for the federally endangered Indiana bat (*Myotis sodale*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*)



Prepared for:
The East Ohio Gas Company

PR 778 - Dasher Avenue SW
Pipeline Replacement Project
Canton and Canton Township
Stark County, Ohio

Data used to produce this map were collected on December 8, 2018 and August 24, 2017



- Gas line market/state
- Existing gas line
- Proposed gas line



- Approximate study area
- ~ Intermittent stream
- Non-jurisdictional roadside ditch
- Direction of flow
- (Existing culvert(s)
- 1 Potential root tree for the federally endangered Indiana bat (*Myotis sodale*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*)
- Areas of wetlands delineated within study area (0.172 acre)

Prepared by:
DAVEY
 RESOURCE GROUP
 A Division of The Davey Tree Expert Company

Prepared for:
The East Ohio Gas Company

PIR 778 - Duesbar Avenue SW
 Pipeline Replacement Project
 Canton and Canton Township
 Stark County, Ohio

Data used to produce this map were collected on December 8, 2016 and August 24, 2017

Map View 2 of 3

Attachment B
Photographs

PIR 778 – Dueber Avenue SW Road
Photographed December 8, 2016 and August 24, 2017



Photograph 1. Rural, residential development is the predominant land use associated with the PIR 778 – Dueber Avenue SW project.



Photograph 2. Agriculture development is located in the western end of the project area.



Photograph 3. Successional woods surround the pipeline easement throughout the project area.



Photograph 4. A new field is associated with the residential building in the western end of the project area.



Photograph 5. A grazing pasture is located adjacent to the pipeline easement where the easement intersects Dueber Avenue SW.



Photograph 6. Wetland A has predominantly emergent vegetative cover, and is mowed within the easement.



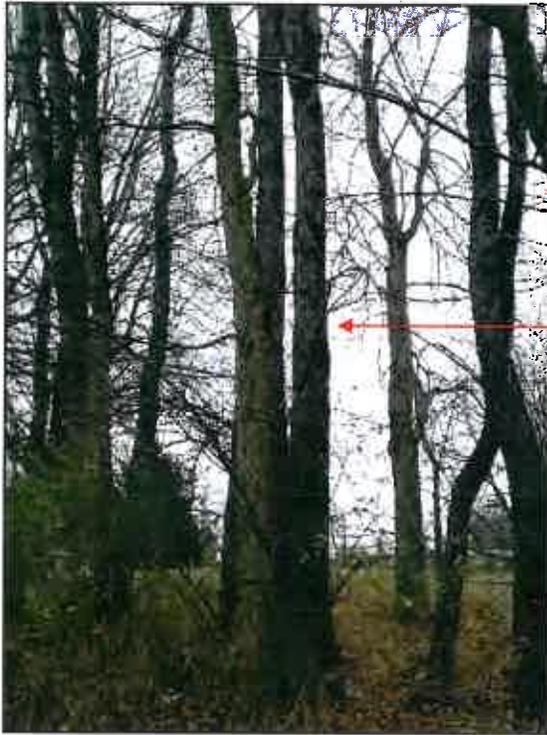
Photograph 7. Outside of the easement, Wetland A has areas of shrub/scrub and forested vegetative covers.



Photograph 8. Upstream of the project area, Stream 1 drains through a residential development.



Photograph 9. A stormwater basin is located within the project area, west of Greentree Avenue SW.



Photograph 10. Tree number 1 is a *Prunus serotina* (black cherry).



Photograph 11. Tree number 2 is a *Prunus serotina* (black cherry).



Photograph 12. Tree number 3 is an *Ulmus pumila* (Siberian elm).



CASE No. 17-1973-GA-BNR
PIR #778 DUEBER AND GREENTREE
CANTON TOWNSHIP & CITY OF CANTON, STARK COUNTRY, OHIO
12-INCH HIGH PRESSURE PIPELINE REPLACEMENT

ATTACHMENT J

TRANSMITTAL LETTER TO PUBLIC OFFICIALS



Bricker & Eckler
ATTORNEYS AT LAW

COLUMBUS | CLEVELAND
CINCINNATI | DAYTON
MARIETTA

BRICKER & ECKLER LLP
100 South Third Street
Columbus, OH 43215-4291
MAIN: 614.227.2300
FAX: 614.227.2390

www.bricker.com
info@bricker.com

Sally W. Bloomfield
614.227.2368
sbloomfield@bricker.com

September 28, 2017

Via UPS Ground

<NAME>
<ADDRESS>
<ADDRESS>

Re: Dominion Energy Ohio Construction Notice for PIR 778 Pipeline Replacement Project, City of Canton and Canton Township, Stark County Ohio, Ohio Power Siting Board Case No. 17-1973-GA-BNR

Dear <NAME>,

Dominion Energy Ohio ("DEO") is planning to replace approximately 3,376 feet of existing 8-inch diameter pipeline with approximately 3,700 feet of 12-inch diameter pipeline. The new pipeline will be installed within public right-of-way as well as in DEO easements. The location of the new pipeline will be installed offset from the existing pipeline by varying degrees. On the west end of the project the line will follow a new agreed upon easement that follows the property line up to Greentree Avenue where it intersects with the existing line. For the rest of the project the line will be offset from the existing line by ten feet. A small 2-inch branch will be used to tie into the Dueber Avenue Station.

In accordance with the provisions of Ohio Revised Code Section 4906.03(F)(3), this project falls within the Ohio Power Siting Board's ("Board") accelerated review or within its requirements for a Construction Notice. Therefore, in compliance with Ohio Administrative Code ("OAC") Rule 4906-6-07(A)(1) of the Board's rules, enclosed please find a disk containing a copy of the Construction Notice application that has been filed today with the Board for its review and approval. You may request a paper copy of the Construction Notice by contacting Teresa Orahod at (614) 227-4821 or torahod@bricker.com.

This project falls within the Board's requirements for a Construction Notice. Therefore, in compliance with OAC Chapter 4906-6 of the Board's rules, the enclosed Construction Notice has been filed today with the Board for its review and approval. These materials contain a description of the project.

If you have any questions concerning this pipeline replacement project, please contact Nicholas Justus at (330) 664-4486 or nicholas.r.justus@dominionenergy.com.

Sincerely,

Sally W. Bloomfield

Enclosure: Disk Containing Copy of Construction Notice

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

9/28/2017 5:57:17 PM

in

Case No(s). 17-1973-GA-BNR

Summary: Notice Construction notice for the PIR 788 12-inch High Pressure Distribution Line Project of City of Canton and Canton Township, Stark County, Ohio for existing Pipeline replacement filed by S. Bloomfield on behalf of Dominion Energy Ohio. electronically filed by Docketing Staff on behalf of Docketing electronically filed by Docketing Staff on behalf of Docketing