# Construction Notice for PIR 3278 – Harmont and Mahoning (2024) Pipeline Replacement Project City of Canton, Stark County, Ohio For Existing Pipeline Replacement

## Ohio Power Siting Board
## Case No. 24-0103-GA-BNR

**Submitted by**
**The East Ohio Gas Company d/b/a Dominion Energy Ohio**
Project #P400819035 MWO #64058953

**CASE NO. 24-0103-GA-BNR**
**CONSTRUCTION NOTICE FOR**
**PIR 3278 – HARMONT AND MAHONING (2024) PIPELINE REPLACEMENT PROJECT**

The following information is being submitted in accordance with Ohio Administrative Code (OAC) Chapter 4906-6-05, Accelerated Application Requirements.

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

The applicant is the East Ohio Gas Company d/b/a Dominion Energy Ohio ("DEO"). The name of the pipeline replacement project is PIR 3278 – Harmont and Mahoning (2024) Pipeline Replacement Project. The internal project numbers are P400819035 and master work order ("MWO") 64058953.

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

This project involves the replacement of approximately 2,767 feet of existing 12-inch pipeline, with approximately 2,000 feet of 12-inch diameter fusion bond epoxy ("FBE") steel pipeline within public right-of-way located in the City of Canton, Stark County. A Google Earth (aerial map) project map which shows streets and existing pipelines is included as **Attachment A** and shown below.

## 4906-6-05 (B)(1): Why the Project Meets the Requirements for a Construction Notice

This project qualifies as a Construction Notice Application under OAC Rule 4906-1-01, Appendix B (1)(a) because it involves the replacement and relocation of an existing pipeline segment of less than 1 mile in length.

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

DEO is undertaking this project to maintain pipeline integrity, enhance public safety, and continue to assure safe, adequate, and reliable natural gas supply to DEO's customers. As shown in the table below, the existing steel mainline has 2,767 feet of pipe that is 58-63 years old:

| Year Installed | Distance of Pipeline Segment to be Replaced (ft.) | Existing Size and Type | Coating | Disposition |
|---|---|---|---|---|
| 1960 | 1,661 | 12" 0.312 wall Steel | None | To be retired |
| 1960 | 2 | 3" 0.156 wall Steel | None | To be retired |
| 1965 | 1,104 | 12".219 wall Steel | None | To be retired |

The pipeline segments indicated above are part of Canton CH2, a high-pressure trunk line that supplies gas to the Baldwin & Mahoning NE Meter & Regulator station, one of the major supply stations to the Canton CI5 and LP CL1 systems. On the peak day this station flows approximately 700 MCFH to downstream intermediate pressure and low-pressure systems. The replacement pipe will maintain supply to the Baldwin & Mahoning station, which is necessary to continue to meet current and future demand in the project area.

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

**Attachment A** contains an area system map showing the location of the replacement pipeline in relation to existing lines. The project is located within the boundaries of the City of Canton, Stark County, Ohio.

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

Where practicable, DEO prefers to install replacement pipeline within existing easements and rights of way. For this project, the pipe being replaced is located in a right-of-way occupied by numerous other underground utilities and which experiences heavy street traffic. Installing the replacement pipe in the same corridor would require open cut trenching longitudinally, which would disrupt traffic and require street re-paving. Installing the replacement pipe in the new corridor depicted in Attachment A allows for installation under the sidewalk, which is less disruptive to nearby residences and businesses, and requires approximately 857 feet less replacement footage. These factors also contribute to a shorter project schedule and will allow DEO to complete the project at a lower overall cost compared to installing the replacement pipe in the same corridor as the replacement pipe.

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

At least 7 days prior to work on the affected property, DEO will provide the notice required by O.A.C. 4901-6-11(C) to property owners and tenants listed on **Attachment B**, in the form of **Attachment C**.

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

The construction of the replacement pipeline is anticipated to begin in March 2024. DEO plans to place the line in-service and complete restoration activities by the end of 2024.

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

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

**4906-6-05(B)(8): Easements, Options and/or Land Use Agreements**

The project is entirely within public right-of-way. Therefore, DEO will not need to obtain easements, options, or land use agreements to construct the project.

**4906-6-05(B)(9)(a): Technical Features of the Project**

DEO will utilize open trenches in the sidewalk to install the replacement pipeline. The existing pipeline will be abandoned in place. Small areas of excavation will be necessary to purge and cut and cap the abandoned pipeline. Additional technical features of the project are described below:

***Pipeline MAOP:*** The new pipeline will operate at an MAOP of 160 pounds per square inch ("psi").

***Pipe Material:*** The replacement pipeline is 12-inches in diameter with a wall thickness of 0.375 inch and a yield strength of 42,000 psi. It will be cathodically protected by 17 pound anodes and externally coated with 14-16 mils of fusion bonded epoxy.

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

***Right-of-Way ("ROW") and/or Land Requirement:*** The project is located within public right-of-way in the City of Canton. A temporary construction materials laydown area will

be necessary to store and stage material and will be determined after the bid has been awarded to the contractor.

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

The capital cost of the project is estimated to be approximately $2,761,527.00.

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

Land use within the project area is primarily residential and commercial properties consisting of pavement, maintained lawn, and scattered trees. A portion of the Stark Electric Railway Trail (which is a paved pedestrian/bicyclist trail, not a railroad) also runs through the project area along the southern side of Mahoning Avenue NE. A Metering & Regulating Station was recorded on a graveled area off Baldwin Avenue NE in the easternmost portion of the project area. Per the environmental field study prepared by Environmental Consulting and Technology, Inc. ("ECT"), which reviewed all areas approximately 40 feet from the edge of pavement, the project area does not contain any wetlands, streams, or open waterbodies (**Attachment D**).

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

The vegetative communities within the project area are maintained lawn and road right-of-way, with scattered trees. None of the parcels within the project area are zoned for agricultural use.

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

In April 2023, DEO's consultant, ECT performed an Ohio Historic Preservation Office ("OHPO") Literature Review for archaeological and cultural resources within the project area and 200-foot buffer surrounding the project area (**Attachment E**). ECT also

reviewed local historic districts and properties. The literature review included a search for records of Ohio Archaeological Inventory ("OAI") locations, Ohio Historic Inventory ("OHI") Properties, National Register Listed Properties, National Register Listed Districts, Determinations of Eligibility, Phase 1, 2, or 3 Survey Areas, and local historic districts and properties.

Two OHI structures were identified adjacent to the project area at 3310 Mahoning Road NE and 3316 Mahoning Road NE. A map showing the location of the identified resources and the archaeological inventory record details are included in **Attachment E**. No other archaeological or historic features are located within or near the project area. The project is also not located in a local historic district.

Although pipeline construction will occur within the road right-of-way and is not anticipated to impact the two identified OHI structures, DEO submitted a project review request to OHPO on January 10, 2024. On January 31, 2024, OHPO agreed that the proposed Project will affect historic properties.

**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:

| Name of Agency | Document to be Submitted or Prepared | Attachment |
|---|---|---|
| Field Summary Report | Field Summary Report | D |
| Ohio Historic Preservation Office | January 10, 2024, Section 106 Project Review | E |
| Stormwater Pollution Prevention Plan | Stormwater Pollution Prevention Plan | F |

| | | |
|---|---|---|
| Stark County Soil and Water Conservation District ("SWCD") | SWPPP Coordination | G |
| Ohio Environmental Protection Agency ("EPA") National Pollutant Discharge Elimination System ("NPDES") Program | NOI for General Construction Stormwater Permit Application | H |
| | Issued General Construction Stormwater Permit OHC000006 | I |
| U.S. Fish and Wildlife Service ("USFWS") | November 16, 2023, Information for Planning and Consultation Online Review and Coordination | J |
| | Bald Eagle Email Coordination | K |
| | November 16, 2023 USFWS Response | L |
| Ohio Department of Natural Resources ("ODNR") | November 21, 2023, Threatened and Endangered Species Coordination | M |

A construction Storm Water Pollution Prevention Plan ("SWPPP") has been prepared for the project and is attached as **Attachment F**. The SWPPP was submitted to Stark County Soil and Water Conservation District on September 25, 2023 (**Attachment G**) and will be included in the package submitted for competitive bids from contractors.

A NOI was submitted to the Ohio EPA for the project (**Attachment H)**. The General Construction Stormwater Permit OHC000006 was issued on September 22, 2023 (3GC13343*AG) (**Attachment I**).

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. Where feasible, test waters will be removed from the site or released so it does not enter wetlands or streams. If test waters will likely enter a waterbody, including via storm sewers, authorization for coverage under the Ohio EPA General Permit OHH000003 – Hydrostatic Test Water is

required. A Hydrostatic Test Water Discharge Notice of Intent ("HTNOI") must be submitted to the Ohio EPA one (1) 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 OHH000003.

The project does not cross any area of Federal Emergency Management Agency (FEMA) 100-Year Floodplain.

The study area contains no wetlands, streams, or open water resources and as such the does not require authorization from the U.S. Army Corps of Engineers ("USACE") or Ohio Environmental Protection Agency for impacts to water resources **(Attachment D)**.

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**

On November 22, 2022, DEO's consultant, ECT, reviewed the study area for suitable habitat for federally listed species known to be located within Stark County, Ohio. The results are included in the Field Summary Report provided in **Attachment D**.

On November 16, 2023, ECT requested an official species list from the U.S. Fish and Wildlife Service through the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) system. The species list produced from USFWS indicates that five (5) federally listed species have ranges which include Stark County, Ohio: the state and federally endangered Indiana bat (*Myotis sodalis*), the federally endangered northern long-eared bat (*Myotis septentrionalis*), the federally proposed as endangered tricolored bat (*Perimyotis subflavus*), the federally proposed as endangered salamander mussel (*Simpsonaias ambigua*), and the federal candidate species the monarch

butterfly (*Danaus plexippus*) (**Attachment J**). Additionally, USFWS indicates that there are responsibilities under the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act to protect native birds from project-related activities. Any activities, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by USFWS. Lastly, the IPaC indicated there are no critical habitats within the project area under the office's jurisdiction.

The ECT field review indicated three potential roost trees that may provide suitable habitat for the federally listed identified bat species. If one or more of these trees need to be cut, tree clearing will be conducted during the USFWS winter tree clearing window (October 1 through March 31) to avoid impacts to federally listed bats.

The bald eagle (*Halieaeetus leucocephalus*) nests in large trees near water. No bald eagles or bald eagle nesting sites were observed within or adjacent to the study area. Plain Township in Stark County has known bald eagle nesting sites per information provided by USFWS in 2022. An email was sent on March 7, 2023 to USFWS requesting proximity of the closest bald eagle nest to the project. USFWS responded on March 13, 2023 that no known bald eagle nest records are located within the project area (**Attachment K**).

On November 16, 2023, an email was sent to USFWS requesting review of the project with regard to the Endangered Species Act (**Attachment L**). Later that same day, the USFWS responded that due to the project type, size, location and the proposed implementation of seasonal tree clearing (clearing trees ≥3 inches diameter at breast height between October 1 and March 31) to avoid impacts to the endangered Indiana bat, northern long-eared bat, and the proposed endangered tricolored bat. USFWS does not

anticipate adverse effects to these species or any other federally endangered, threatened, or proposed species, or proposed or designated critical habitat.

DEO submitted a letter on November 21, 2023 to the Ohio Department of Natural Resources ("ODNR") requesting a finding from ODNR regarding any adverse effect to any state listed and natural areas of geological and/or ecological significance. ODNR responded on January 3, 2024 that there are no records of state or federally listed plants or animals within one mile of the project area. (**Attachment M**).

ODNR indicated that the project is within range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species, the northern long-eared bat (*Myotis septentrionalis*), a state and federally endangered species, the little brown bat (*Myotis lucifugus*), a state endangered species, and the tricolored bat (*Perimyotis subflavus*), a state endangered species. DEO proposes to conduct all clearing of trees with a DBH ≥3 inches within the project during the USFWS seasonal tree clearing window (October 1 through March 31) to avoid adverse impacts to bat species within the vicinity of the project.

ODNR coordination also indicated that the project is within range of two state listed aquatic species: the state endangered long-solid (*Fusconaia maculata maculata*) mussel and the state endangered Iowa darter (*Etheostoma exile*). However, ODNR determined that because there is no in-water work proposed within a perennial stream of sufficient size that the project is not likely to impact these species.

The project is within range of the state threatened spotted turtle (*Clemmys guttata*). This species inhabits wetland habitats such as bogs, fens, and marshes, but has also been found in wet prairies, meadows, pond edges, wet woods, and shallow sluggish waters of

small streams and ditches. Due to the location, the type of habitat within the project area, and the type of work proposed, ODNR determined that the project is not likely to impact the spotted turtle.

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

A portion of the Stark Electric Railway Trail runs through the project area along the southern side of Mahoning Avenue NE. The trail is comprised of pavement surrounded by maintained lawns. 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.

According to ECT's assessment of the project area, no streams, wetlands, or open waterbodies are located within the project area and no coordination with USACE or Ohio EPA with regard to water resources is necessary.

Separation of the topsoil from the subsoil will generally be performed at the residential properties. The backfill material that will be returned to the trench will consist of the same material removed from the excavation to the extent practicable.

Following pipeline replacement, all disturbed areas will be returned to their original slope and contour, stabilized, seeded, and revegetated to provide a permanent herbaceous cover to stabilize the soils, and temporary erosion controls will be maintained until this permanent cover is established.

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

As illustrated by the above-described studies and investigations conducted to date, there are no readily known unusual conditions in the area of the proposed project that will result in significant environmental impacts. Construction within existing road right-of-way eliminates the need for additional ground disturbance and maintenance in the area. The project will not impose additional health, social, or safety impacts beyond those applicable to any construction activity, and these potential impacts will be minimized by observing construction best practices.

## 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, DEO is also delivering the application to the following public officials:

James Benekos
Canton City Engineer
2436 30th Street NE, Building A
Canton, OH 44702

Richard Bodenschatz
Engineering
2436 30th Street NE, Building A
Canton, OH 44702

John S. Weedon
Stark County Soil & Water
Conservation District
2650 Richville Dr SE #100,
Massillon, OH 44646

Mayor Thomas M. Bernabei
City of Canton
218 Cleveland Avenue SW 8th Floor
Canton, OH 44702

A copy a transmittal letter, **Attachment N**, 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 application is located on DEO's web page at https://www.dominionenergy.com/siting%20board. Choose the case number of this case to access. Interested persons may also contact DEO at 320 Springside Dr., Akron, Ohio 44333 to obtain either an electronic copy or a paper copy of this accelerated application.

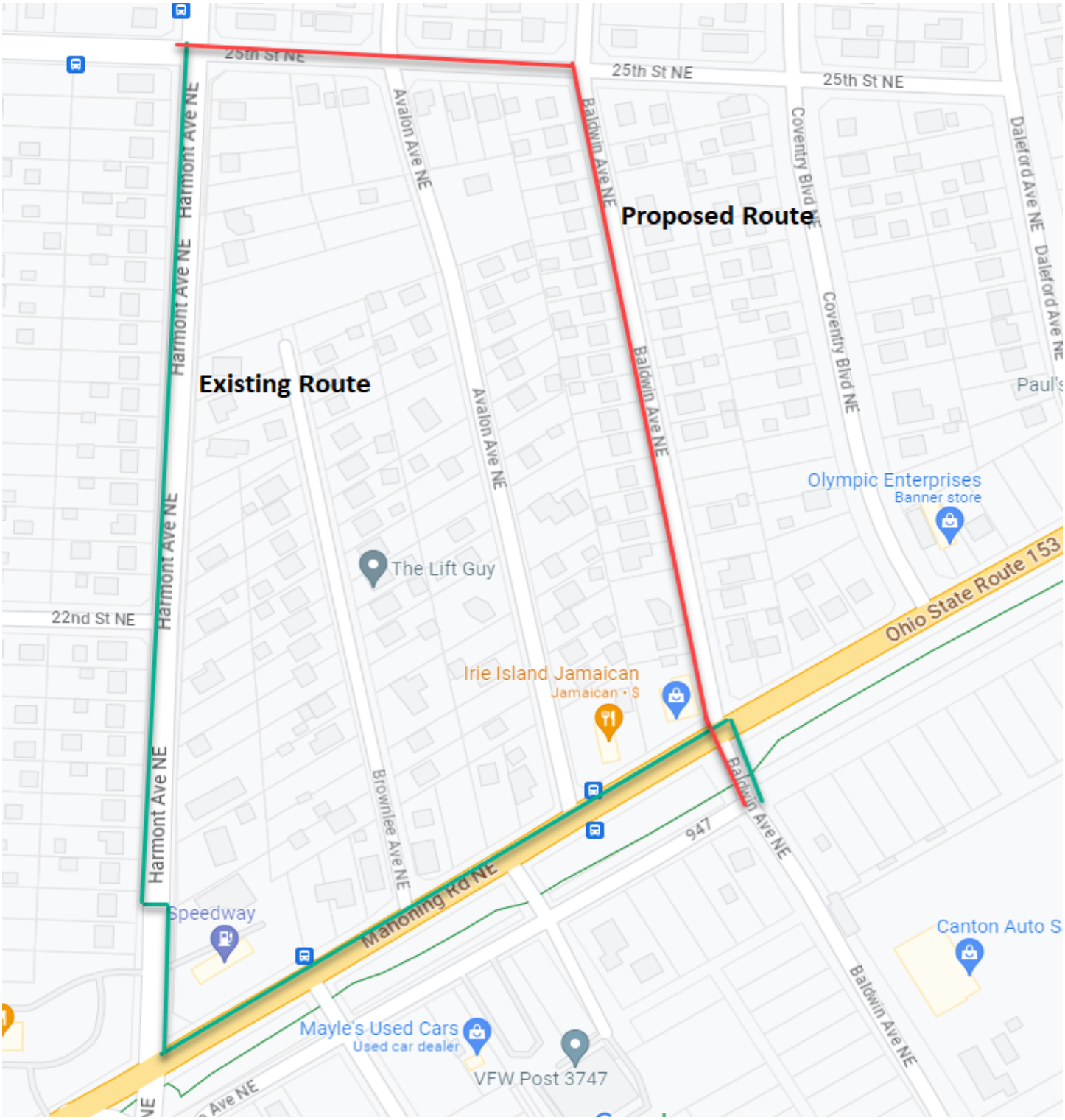
**4906-6-07(B): Proof of Compliance**

DEO will file proof of compliance with Rule 4906-6-07 within seven days of filing of this accelerated application.

**CASE NO. 24-0103-GA-BNR**
**CONSTRUCTION NOTICE FOR**
**PIR 3278 – HARMONT AND MAHONING (2024) PIPELINE REPLACEMENT PROJECT**

# ATTACHMENT A

AERIAL MAP




**Submitted by**
**The East Ohio Gas Company d/b/a Dominion Energy Ohio**
Project # P400819035
13617455v1

# ATTACHMENT B

## AFFECTED PROPERTY OWNERS AND TENANTS

| Property Owner Name | Property Address | Property City Zip | Mailing Address | Mailing City Zip |
|---|---|---|---|---|
| 1. Tom Woosnam | 2503 Harmont Avenue NE | Canton 44705 | 334 Edmore Road | Fairlawn 44333 |
| 2. Donna M. Fisher | 3302 25th Street | Canton 44705 | | |
| 3. Addis A Desmond II | 2418 Harmont Avenue NE | Canton 44705 | | |
| 4. DBW Properties LLC | 3421 Mahoning Road NE | Canton 44705 | 6182 Bertram Avenue NW | Canton 44718 |
| 5. Jessica Sommer | 3501 Mahoning Road NE | Canton 44705 | | |
| 6. Rott Properties LLC | 2116 Baldwin Avenue NE | Canton 44705 | P. O. Box 7592 | Canton 44705 |
| 7. John & Dorothe Zbuka Trustees | 2124 Baldwin Avenue NE | Canton 44705 | | |
| 8. Canton Land Reutilization Program | Baldwin Avenue NE | Canton 44705 | 218 Cleveland Avenue | Canton 44701 |
| 9. Marshall & Andrew Hill | 2206 Baldwin Avenue NE | Canton 44705 | | |
| 10. David & Mary Hill | 2220 Baldwin Avenue NE | Canton 44705 | | |
| 11. Richard & Janet Shoemaker | 2302 Baldwin Avenue NE | Canton 44705 | | |
| 12. Neil Finnegin | 2306 Baldwin Avenue NE | Canton 44705 | | |
| 13. Raquele Stanton | 2312 Baldwin Avenue NE | Canton 44705 | | |
| 14. David & Patricia Haubert | 2316 Baldwin Avenue NE | Canton 44705 | | |
| 15. Paul T. Fontes | 2320 Baldwin Avenue NE | Canton 44705 | | |
| 16. James & Veronica L. Leedham | 2324 Baldwin Avenue NE | Canton 44705 | | |
| 17. Iplangroup Agent | 2328 Baldwin Avenue NE | Canton 44705 | P.O. Box 30400 | Middleburg Heights 44130 |
| 18. Douglas & Lisa Morgan | 2402 Baldwin Avenue NE | Canton 44705 | | |
| 19. Wilford L. Mayle | 2410 Baldwin Avenue NE | Canton 44705 | | |
| 20. Mikal P. Ford | 2420 Baldwin Avenue NE | Canton 44705 | 1005 40th Street NE | Canton 44714 |
| 21. Carol J. Stanek | 2500 Baldwin Avenue NE | Canton 44705 | | |

| Property Owner Name | Property Address | Property City Zip | Mailing Address | Mailing City Zip |
|---|---|---|---|---|
| 22. Woodrow & Shelly Dalton | 2502 Avalon Avenue NE | Canton 44705 | | |
| 23. Richard & Cherie Johnson | 2503 Baldwin Avenue NE | Canton 44705 | | |
| 24. Kindall Janine Jones | 2503 Avalon Avenue NE | Canton 44705 | | |
| 25. Roy J & Marya Corrin | 3314 25th Street NE | Canton 44705 | | |
| 26. KOI Real Estate Investments LLC | 3320 25th Street NE | Canton 44705 | 5340 West Blvd NW | Canton 44718 |
| 27. GK Property Services LLC | 3404 25th Street NE | Canton 44705 | 2615 Daffodil Street NE | Canton 44705 |
| 28. Jeffrey Lee Smith | 3412 25th Street NE | Canton 44705 | | |
| 29. Christopher Jennings | 2421 Baldwin Avenue NE | Canton 44705 | | |
| 30. J Y Rentals Ltd. | 2113 Baldwin Avenue NE | Canton 44705 | 11607 Strasburg Bolivar Road NW | Bolivar 44612 |
| 31. Jack & Alma Gottscheck | 2117 Baldwin Avenue NE | Canton 44705 | | |
| 32. Jose Diaz-Cedillo | 2203 Baldwin Avenue NE | Canton 44705 | 6475 Lake O Springs NW | Canton 44718 |
| 33. James & Beverly Randall | 2211 Baldwin Avenue NE | Canton 44705 | | |
| 34. Thomas & Joanne Hashman | 2215 Baldwin Avenue NE | Canton 44705 | | |
| 35. Glenn B. Reardon Jr. | 2303 Baldwin Avenue NE | Canton 44705 | | |
| 36. Mary L. Waers | 2307 Baldwin Avenue NE | Canton 44705 | | |
| 37. David & Yvonne Rusu | 2313 Baldwin Avenue NE | Canton 44705 | | |
| 38. Morning Glory Property Group LLC | 2317 Baldwin Avenue NE | Canton 44705 | 5979 Rosedale Street NE | Louisville 44641 |
| 39. Zeola Williams | 2321 Baldwin Avenue NE | Canton 44705 | | |
| 40. Susan M. Schneider et.al. | 2325 Baldwin Avenue NE | Canton 44705 | | |
| 41. Gerald & Nancy Smeltzer | 2329 Baldwin Avenue NE | Canton 44705 | 6634 Corrine Drive NW | Canton 44718 |
| 42. Carolina Ajanel Sica | 2403 Baldwin Avenue NE | Canton 44705 | | |
| 43. Agnes A. Mack | 2407 Baldwin Avenue NE | Canton 44705 | | |
| 44. Felounese Horn | 2417 Baldwin Avenue NE | Canton 44705 | | |

# ATTACHMENT C

**[DATE]**

ADDRESS

**Re: Dominion Energy Ohio Letter of Notification for PIR 3278 – Harmont & Mahoning, City of Canton, Stark County, Ohio Case No. 24-0103-GA-BNR**

Dear [**Property Owner or Tenant**]:

The Ohio Power Siting Board (OPSB) has approved Dominion Energy Ohio's (DEO) application to construct the above-referenced project. This letter summarizes important information about the project schedule and contact information during the construction process.

**Nature of the Project**
This project involves the replacement of approximately 2,767 feet of 12-inch pipeline with approximately 2,000 feet of 12-inch fusion bond epoxy ("FBE") steel pipeline. Complete project details may be found on the OPSB's website (www.opsb.ohio.gov) and DEO's corporate website (www.dominionenergy.com/siting board) by referencing case number 24-0103GA-BNR.

**Construction schedule**
DEO plans to commence construction on approximately March __, 2024 and conclude the project by approximately December 31, 2024. To the extent the project involves construction near your property, DEO will restore the property as close as possible to its original condition prior to construction. Restoration will commence following project completion, including sidewalks, driveways, and grading and reseeding yards. DEO expects that restoration activities will be completed by December 31, 2024. The exact dates for project start and completion are subject to weather conditions or other factors beyond the company's control.

**Contact information and dispute resolution**
Please contact DEO's Land Services Department at 1-855-226-6022 with any questions or concerns that arise during the course of the project. You may be asked to provide the Project Reference Number at the bottom of this letter. A dedicated Land Services Agent will be assigned to work with you and the Project Manager to resolve your questions or concerns. Please note that due to the nature of work in the field, a representative from DEO will return your telephone call as soon as possible. Emergencies should be reported to your local police or fire department, or 9-1-1.

We thank you in advance for your patience and cooperation during this project.

Sincerely,

DOMINION ENERGY OHIO

Land Services Department

**ATTACHMENT D**

ENVIRONMENTAL CONSULTING AND TECHNOLOGY, INC.ECT'S FIELD SUMMARY REPORT

May 3, 2023
ECT No. 210859-0001

David Hollendonner
Dominion Energy Ohio
320 Springside Drive, Suite 320
Akron, Ohio, 44333

Re: *Field Summary Report* – PIR 3278 – Harmont & Mahoning, City of Canton, Stark County, Ohio

Dear Mr. Hollendonner:

The East Ohio Gas Company, d/b/a Dominion Energy Ohio, contracted Environmental Consulting & Technology, Inc. (ECT), to perform an ecological study for the PIR 3278 – Harmont & Mahoning project (Project) located in the City of Canton, Stark County, Ohio. The study included review of the Project for surface waters (e.g., wetlands, streams, ponds), potential habitat for endangered and threatened species (TES), and existing cultural and historic resources. Existing stormwater features were also identified and recorded. The area reviewed included approximately 40 feet from the edge of pavement along Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Brownlee Avenue NE, and Avalon Avenue NE within the study area. Background maps and maps depicting the results of ecological review are provided in Attachment A. Photographs depicting the study area are provided in Attachment B.

## SITE DESCRIPTION

An initial environmental field review of the study area was completed on December 7, 2021. The study area has since been extended and an additional environmental field review was completed on November 22, 2022. The study area is dominated by dense residential development with some commercial and industrial developments. The study area primarily has land cover of maintained lawns with scattered trees, and pavement. A portion of the Stark Electric Railway Trail also runs through the study area along the southern side of Mahoning Avenue NE. The trail is comprised of pavement surrounded by maintained lawns. A Metering & Regulating (M&R) Station was recorded on a graveled area off Baldwin Avenue NE in the easternmost portion of the study area. The graveled lot is fully fenced in and has vegetation growing through the gravel.

## WETLANDS AND WATERWAYS DELINEATION

### Wetlands

No wetlands were identified within or adjacent to the study area.

### Waterways

No streams were identified within or adjacent the study area.

## THREATENED AND ENDANGERED SPECIES EVALUATION

A search of the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) system was completed to identify potential for federally listed species to occur in the study area. The following four (4) species were identified by the IPaC search:

### Bats

USFWS results indicated that the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*) may be affected by Project activities. These bat species typically summer roost within forested areas under the loose bark of dead or dying trees. During the field survey, ECT identified three (3) trees within the study area with potential summer roosting habitat for the listed bats. No trees suitable for maternity roosts were identified within the study area. Photographs depicting potential habitat trees are included in the photographic log in Attachment B. A table providing information on potential roost trees is provided in Attachment D.

Bats typically overwinter in suitable underground hibernacula, including natural caves and abandoned mines with constant temperatures and humidity. Within northeastern Ohio, a variety of bat species, including the Indiana bat and northern long-eared bat, have been documented utilizing sandstone ledges for hibernation. A desktop review for potential hibernacula was conducted for the study area and a 0.25-mile radius. The review included searching the U.S. Geological Survey (USGS) database of Prospect and Mine-Related Features from 7.5- and 15-minute topographic quadrangles maps and the Ohio Department of Natural Resource (ODNR)'s Mines of Ohio and Karst Map databases. Topographic contour lines obtained from Stark County were also used to evaluate the potential presence of sandstone ledges within 0.25 miles of the Project study area. No mines, quarries, karst features, or sinkholes were identified during the desktop review (Attachment A: Figure 5). In addition, no steep slopes within the potential to contain sandstone ledges were identified within 0.25-miles of the survey area. Due to the lack of suitable features, impacts to hibernacula are not anticipated.

### Monarch Butterfly

The monarch butterfly is listed as a federal candidate species that is being considered for listing under the ESA. Although the monarch butterfly is known to forage on many wildflowers, monarch butterflies prefer open fields and meadows with milkweeds (*Asclepias* spp.), its larval host plant. According to the USFWS the current range of the monarch butterfly overlaps the region of the study area. The study area is dominated by maintained lawns and pavement. Suitable habitat for the monarch butterfly does not occur within the study area.

### Bald Eagle

The bald eagle (*Haliaeetus leucocephalus*) is protected under the Bald and Golden Eagle Protection Act. Bald eagles live near large bodies of water including estuaries, rivers, lakes, reservoirs, and coasts that provide a foraging base for the birds. Breeding eagles typically construct nests in large conifers that extend above the surrounding canopy. No bald eagles or bald eagle nests were identified during the field review. Although the Project is located in Plain Township in Stark County, which has known records of bald eagle nests per information provided by USFWS, given the urban nature of the project and the fact that no bald eagle nests were observed during the field review, impacts to the bald eagle are not anticipated.

## CULTURAL RESOURCES

The Ohio History Connection Online Mapping System was searched to identify documented historic and cultural resources within or adjacent to the study area including National Register (NR) listed districts, NR properties, Ohio Historic Inventory (OHI) structures, Ohio Genealogical Society cemeteries, Archaeological Sites, and Phase 1/2/3 Archaeological Surveys.

There are no NR districts, NR properties, cemeteries, archeological sites, or surveys located within or adjacent to the study area. However, there are two (2) OHI structures within the study area located at 3310 and 3316 Mahoning Road NE.

## ADDITIONAL ENVIRONMENTAL CONCERNS

ECT reviewed the Ohio Regulated Properties Search (ORPS) Tool for contamination sites that may potentially pose environmental concerns for the site.

There are five (5) properties of note within and adjacent to the study area. Speedway 3653 is a Resource Conservation and Recovery Act (RCRA) EPA registered site located on the corner of Mahoning Avenue NE and Harmont Avenue NE within the study area. Circle K #5709 is a RCRA EPA registered site located on the intersection of Mahoning Road NE and Bollinger Avenue NE immediately west of the study area. Fresh Market Canton and Schneider National Bulk Carriers at Fresh Mark Foods are 2 (two) RCRA EPA registered sites located at the intersection of Harmont Avenue NE and Winfield Way NE immediately southwest of the study area. Dave Worshil's Auto Wrecking is a RCRA EPA registered site located on Baldwin Avenue NE immediately southeast of the study area.

If you have any questions or need additional information, please contact Val Locker at (860) 305-9110 or vlocker@ectinc.com

Sincerely,

**Environmental Consulting & Technology, Inc.**

Charlotte Moore
Technician III

Valerie Locker
Senior Associate Scientist

cc: Greg Eastridge, Dominion Energy Services, Inc.

# Attachment A
# Background and Ecological Resources Maps


Project Study Area

N

0 500 1,000

Feet

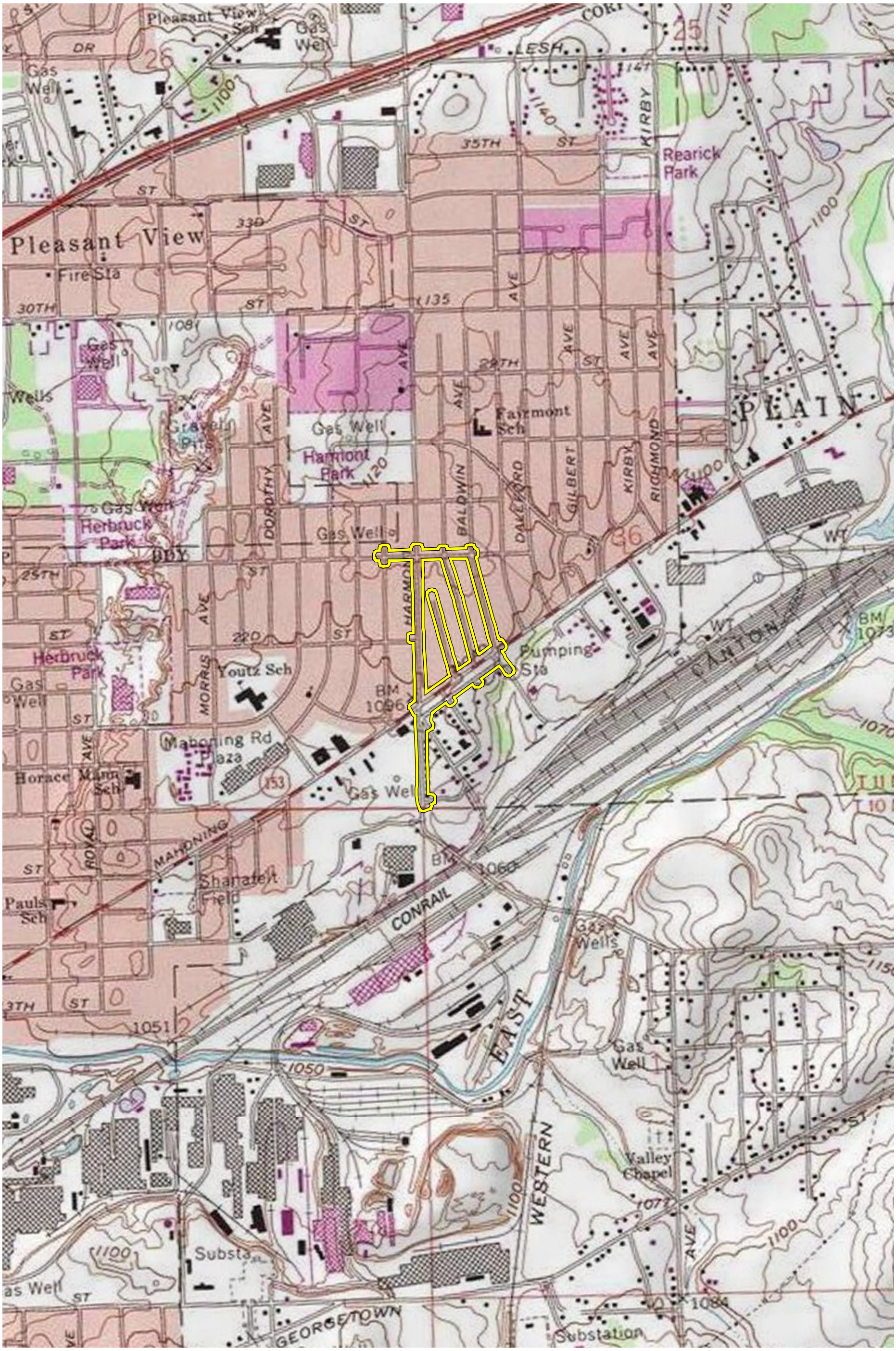
Sources: ESRI StreetMap 2021

**Figure 1**
**Site Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area

*Canton East Quadrangle

N

0 600 1,200

Feet

Sources: ECT, 2022; ESRI, 2022

**Figure 2**
**USGS Topographic Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT


Project Study Area

NHD Flowline

NWI Wetland

Riverine

N

0 250 500

Feet

Sources: OSIP 2016

**Figure 3**
**NWI & NHD Features Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT


| Symbol | Description | Hydric Rating | Acreage* |
|---|---|---|---|
| CeB | Canfield-Urban land complex, 2 to 6 percent slopes | Nonhydric | 22.47 |
| CuB | Chili-Urban land complex, undulating | Nonhydric | 1.83 |
| | | Total | 24.30 |
| *Note: Acreage is rounded to the nearest 100th acre | | | |

Project Study Area
Soils (NRCS)
NRCS Soils - Hydric Rating
Nonhydric
street100k_l_oh151

N

0 125 250
Feet

Sources: OSIP 2016

**Figure 4**
**NRCS Soil Survey Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 3/20/2023

ECT

Project Study Area
0.25-Mile Project Study Area Buffer
Soils (NRCS)
Potential Sandstone Ledge Soils
10-Foot Contour

N

0 250 500
Feet

Sources: OSIP 2016

**Figure 5**
**Potential Bat Hibernacula Indicators Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 3/20/2023

ECT


**Figure 6**
**Cultural Resources Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

Project Study Area
Ohio Regulated Property (ORP)
Unkown Status UST
Inactive UST
Inactive LUST
Ohio Spills Database

N

0 150 300
Feet

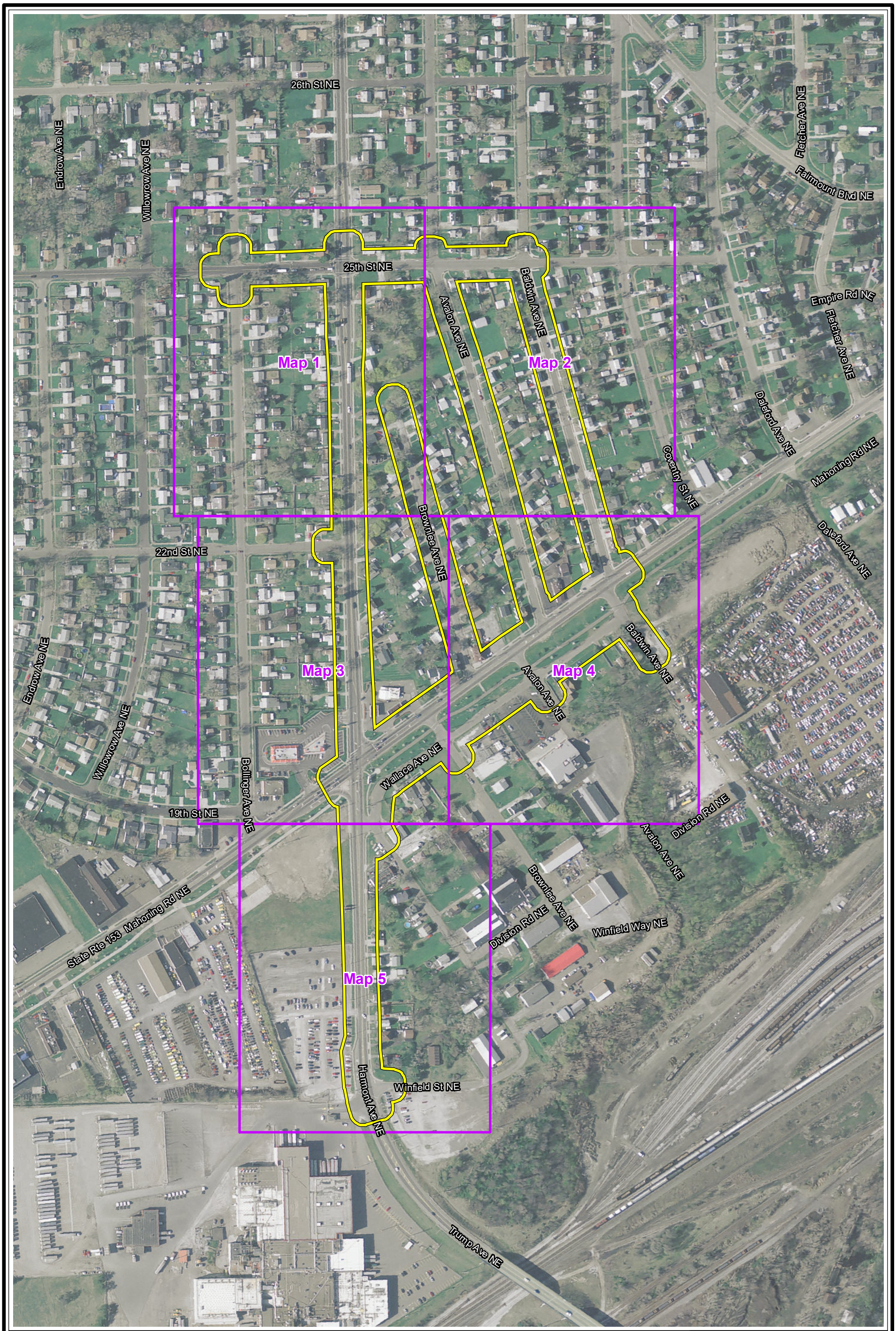
Sources: OSIP 2016

**Figure 7**
**Ohio Regulated Properties Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 4/28/2023

ECT




Project Study Area

Map Pages

N

0 150 300

Feet

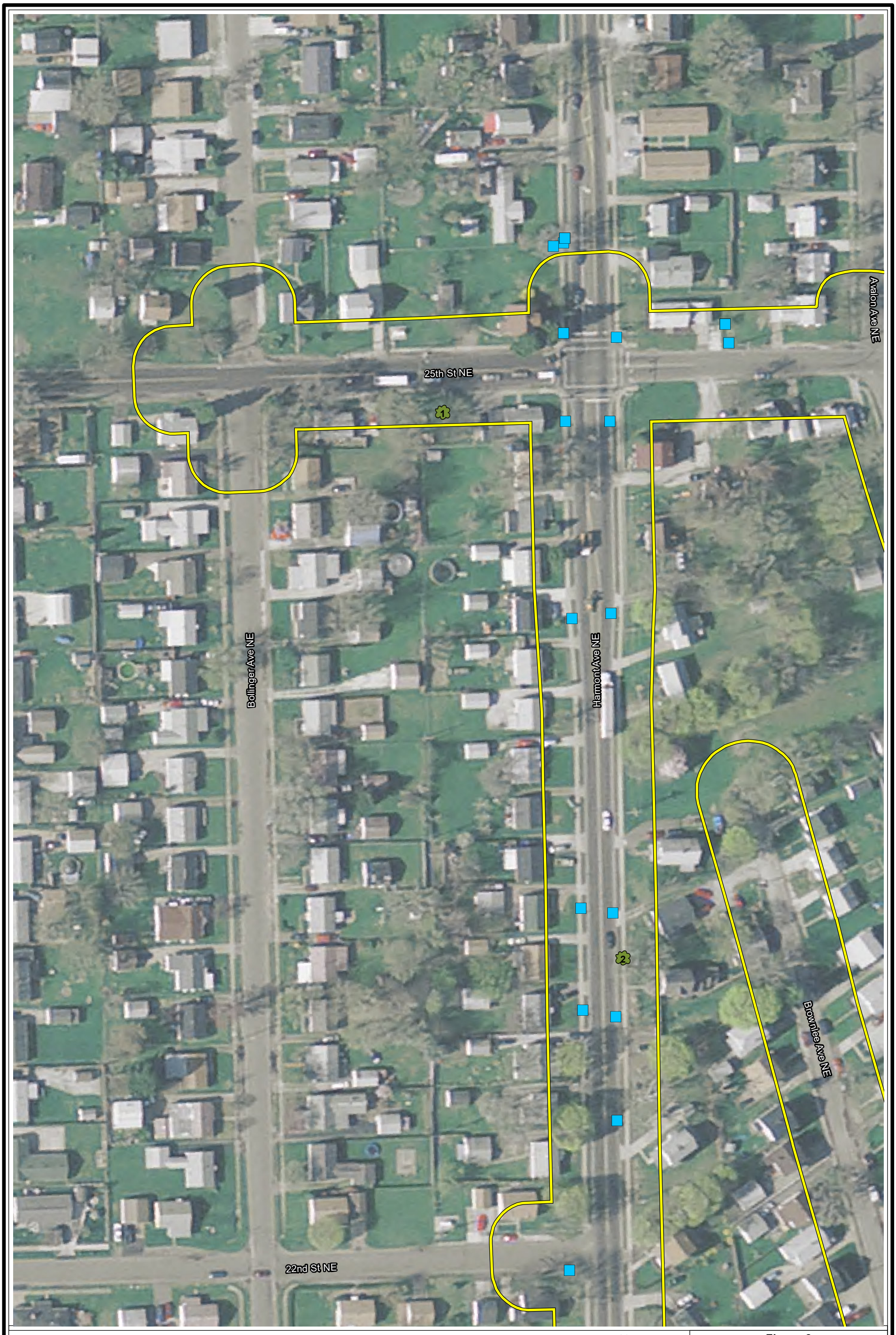
Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map Book**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map 1 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

25th St NE
Avalon Ave NE
Baldwin Ave NE
Coventry St NE
Brownlee Ave NE
Mahoning Rd NE State Rte 153

Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N
0 50 100
Feet

Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map 2 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT


Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

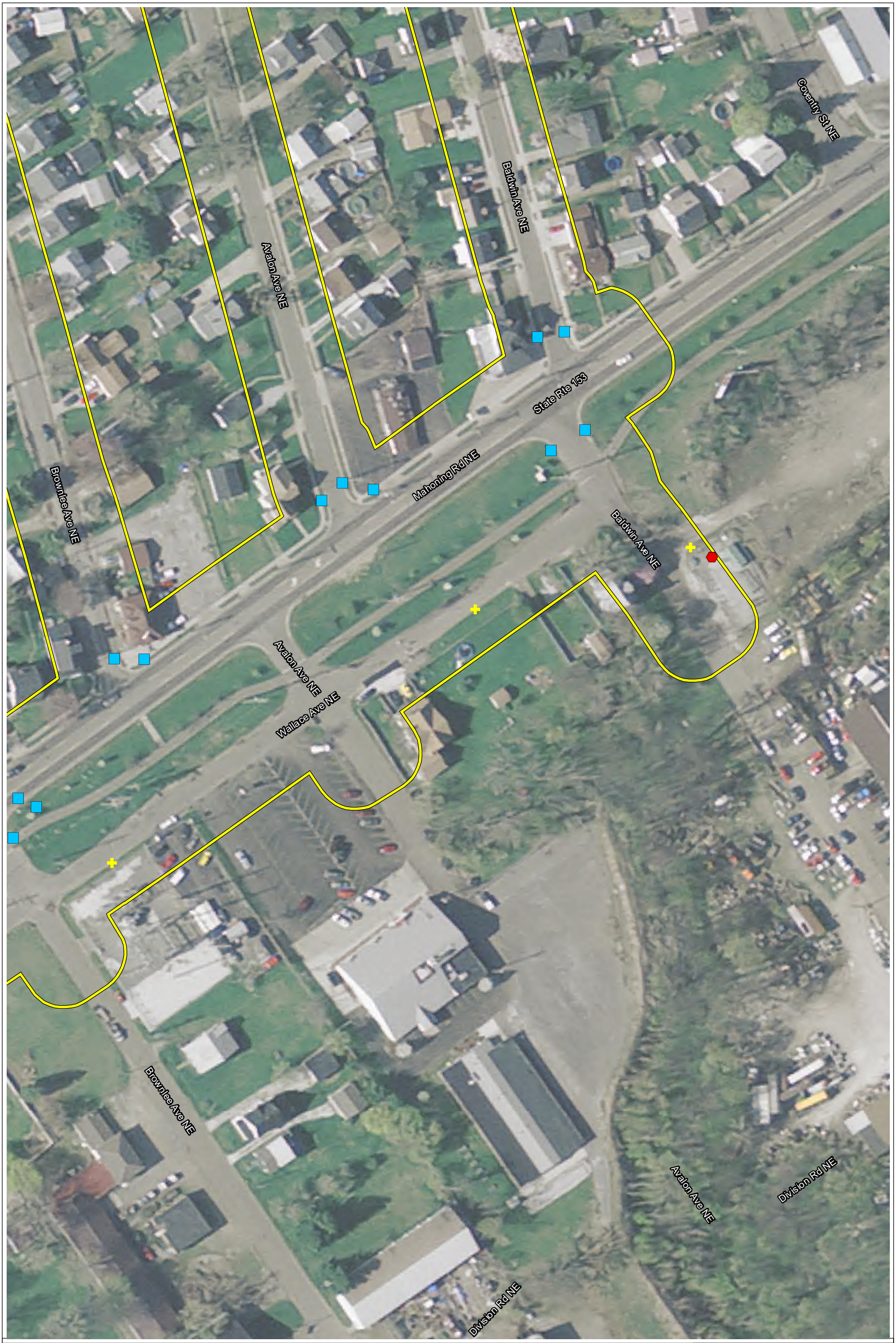
Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map 3 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map 4 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT


Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

Sources: OSIP 2016

**Figure 8**
**Ecological Resouces Map**
**Map 5 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

# Attachment B
# Photographic Log

# Photographic Log

| **Photo #1** | |
|---|---|
| Date: 12/07/2021 | |
| Feature: Residential Land Use | |
| Description: The study area is dominated by residential development and has land cover of maintained lawns with scattered trees. |  |

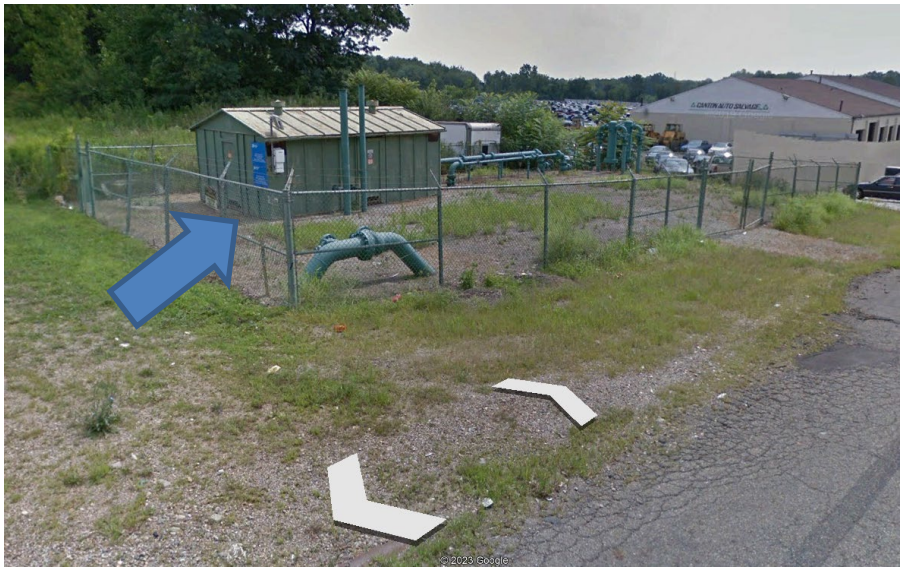
| **Photo #2** | |
|---|---|
| Date: 12/07/2021 | |
| Feature: Commercial Property | |
| Description: The study area contains commercial developments including a post office. |  |

# Photographic Log

| **Photo #3** |
|---|
| Date: 12/07/2021 |
| Feature: Industrial Property |
| Description: An industrial property is located near the intersection of Harmont Avenue NE and Winfield Street NE within the study area. |


| **Photo #4** |
|---|
| Date: 12/07/2021 |
| Feature: Stark Electric Railway Trail |
| Description: The Stark Electric Railway Trail runs through the study area. It is comprised of pavement and is surrounded by mowed fields. |

# Photographic Log

| **Photo #5** |  |
|---|---|
| Date: Google Earth Imagery from 08/2018 | |
| Feature: M&R Station | |
| Description: A M&R Station is located on a fully fenced in, partially vegetation gravel lot off Baldwin Avenue NE in the easternmost portion of the study area.<br><br>Image was downloaded from Google Earth on 03/13/2023. | |

| **Photo #6** |  |
|---|---|
| Date: 12/07/2021 | |
| Feature: Tree 1 | |
| Description: *Acer saccharinum* | |

# Photographic Log

| | |
|---|---|
| **Photo #7**<br>Date: 12/07/2021<br>Feature: Tree 2<br>Description: *Acer rubrum* |  |

| | |
|---|---|
| **Photo #8**<br>Date: 11/22/2022<br>Feature: Tree 3<br>Description: *Acer saccharinum* |  |

# Photographic Log

| **Photo #9** | |
|---|---|
| Date: 12/07/2021 | |
| Feature: Representative Ohio Historical Inventory (OHI) Structure | |
| Description: Two (2) OHI Structures are located in the study area. The photo depicts the OHI structure located at 3316 Mahoning Road. |  |

# Attachment C
# USFWS IPAC Results

**IPaC** **U.S. Fish & Wildlife Service**

# IPaC resource list

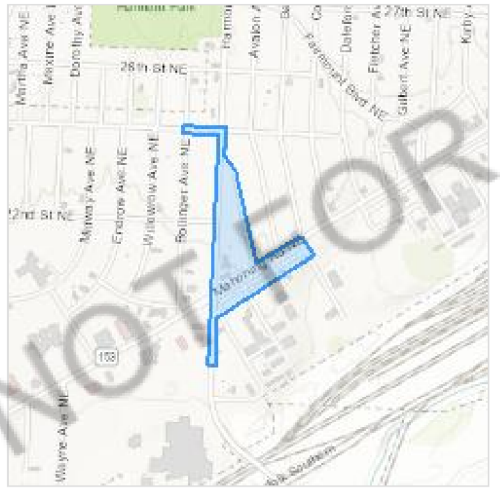
This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list 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.



## 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

# 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. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.



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. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

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

## Mammals

| NAME | STATUS |
|---|---|

Indiana Bat Myotis sodalis — Endangered
Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/5949

Northern Long-eared Bat Myotis septentrionalis — Threatened
Wherever found
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

# Insects

| NAME | STATUS |
|---|---|
| Monarch Butterfly Danaus plexippus<br>Wherever found<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/9743 | Candidate |

# 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 Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider 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.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.



| NAME | BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.) |
|---|---|
| **Bald Eagle** *Haliaeetus leucocephalus*<br>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.<br>https://ecos.fws.gov/ecp/species/1626 | Breeds Dec 1 to Aug 31 |
| **Blue-winged Warbler** *Vermivora pinus*<br>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA | Breeds May 1 to Jun 30 |

Bobolink Dolichonyx oryzivorus — Breeds May 20 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Red-headed Woodpecker Melanerpes erythrocephalus — Breeds May 10 to Sep 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Wood Thrush Hylocichla mustelina — Breeds May 10 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

# Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

**Probability of Presence (■)**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

**Breeding Season (■)**
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

# Attachment D
# Potential Bat Habitat Tree Table

**Table 1. Potential Habitat Trees within PIR 3278**

| Tree ID | Species | DBH (in) | Address | Location | Tree Condition | Habitat / Maternity Tree | Potential Habitat Features |
|---|---|---|---|---|---|---|---|
| 1 | *Acer saccharinum* | 24 | 2425 Harmont Avenue NE | Property Lawn | Excellent | Habitat | Average amount of crevices/cavities |
| 2 | *Acer rubrum* | 24 | 2218 Harmont Avenue NE | Property Lawn | Good | Habitat | Average amount of deadwood, crevices/cavities |
| 3 | *Acer saccharinum* | 32 | 2420 Baldwin Avenue NE | Property Lawn | Excellent | Habitat | Small amount of deadwood |

Source: ECT 2022

**ATTACHMENT E**

OHIO HISTORIC PRESERVATION OFFICE LITERATURE REVIEW

Dominion Energy Services, Inc.
320 Springside Drive, Suite 320
Akron, Ohio 44333
DominionEnergy.com

January 10, 2024

**BY EMAIL**

Diana Welling, Department Head
Resource Protection and Review
Ohio Historic Preservation Office
800 East 17th Avenue
Columbus, Ohio 43211-2474

**RE: The East Ohio Gas Company, Pipeline Infrastructure Replacement Program**
**Cultural Resources Coordination Request**
**PIR 3278 – Harmont & Mahoning, City of Canton, Stark County**

Dear Ms. Welling:

The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), requests review of the following information regarding the Pipeline Infrastructure Replacement (PIR) project, PIR 3278 – Harmont & Mahoning, located in the City of Canton, Stark County.

DEO is proposing to replace approximately 7,350 feet of six (6)-, eight (8)-, and twelve (12) - inch natural gas pipeline under the PIR program. The PIR 3278 Project is located along the road right-of-way of Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE.

One copy of the following documentation is provided for review:

- Project Mapping (Attachment 1)
- Ohio Historic Inventory Forms (Attachment 2)
- Section 106 Project Summary Form (Attachment 3)
- Photograph log (Attachment 4)

DEO is requesting a review and seeking concurrence that this project will not result in adverse effects on cultural or historic resources. Please forward your response to the attention of:

Greg Eastridge
Environmental Specialist III
320 Springside Drive, Suite 320
Akron, Ohio 44333
Gregory.K.Eastridge@dominionenergy.com

If you have any questions or need additional information, please contact Greg Eastridge at (330) 664-2576.

Sincerely,

Amelia H. Boshen
Authorized Representative
Manager Environmental Services

Attachments

cc: Gregory Eastridge

# Attachment 1
# Maps


Project Study Area

N

0 500 1,000

Feet

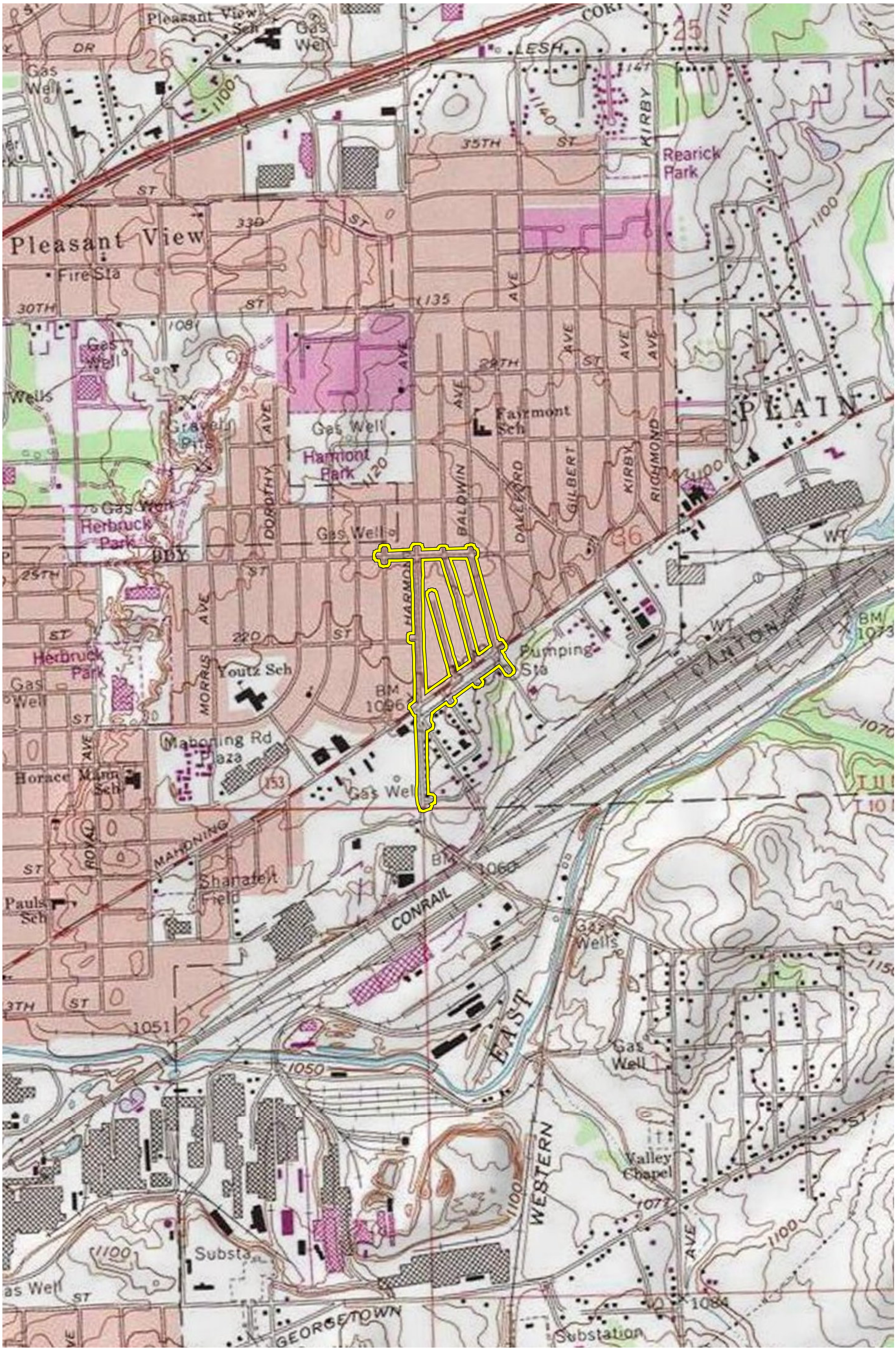
Sources: ESRI StreetMap 2021

**Figure 1**
**Site Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area

*Canton East Quadrangle

N

0 600 1,200

Feet

Sources: ECT, 2022; ESRI, 2022

**Figure 2**
**USGS Topographic Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT


**Figure 3**
**Cultural Resources Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

# Attachment 2
# Ohio Historic Inventory Forms

**Ohio Historic Preservation Office**
800 E. 17th Avenue
Columbus, OH 43211
614/298-2000

# OHIO HISTORIC INVENTORY

Section 106/RPR Review: **Reviewed** RPR Number: **1043975**

1. No. STA0360113 **NEW**
2. County: **Stark**
4. Present Name(s): **Hoover House**
5. Historic or Other Name(s):

6. Specific Address or Location:
3310 Mahoning Rd NE

6a. Lot, Section or VMD Number:

7. City or Village:
Canton

9. U.T.M. Reference
Quadrangle Name: Canton East

Zone: 17 Easting: 472361 Northing: 4518353

10. Classification: Building

11. On National Register? NO

13. Part of Established Hist. Dist? NO

15. Other Designation (NR or Local)

16. Thematic Associations:
MANUFACTURING/INDUSTRIAL

17. Date(s) or Period:
1924

17b. Alteration Date(s):

18. Style Class and Design:
No academic style - Vernacular

18a. Style of Addition or Elements(s):

19. Architect or Engineer:
Unknown

19a. Design Sources:

20. Contractor or Builder:

21. Building Type or Plan: Bungalow Dormer Front

22. Original Use, if apparent:
RESIDENTIAL/DOMESTIC

23. Present Use:
Single Dwelling

24. Ownership: Private

25. Owner's Name & Address, if known:
Randy and Tonia Hoover
3310 Mahoning Road NE
Canton, OH, 44705

26. Property Acreage: .01

27. Other Surveys:

28. No. of Stories: One and a half story

29. Basement? Yes

30. Foundation Material: Concrete block

31. Wall Construction:
Balloon/western/platform frame

32. Roof Type:
Gable
Roof Material:
Asphalt shingle

33. No. of Bays: 3 Side Bays: 4

34. Exterior Wall Material(s):
Aluminum or vinyl siding

35. Plan Shape: Rectangular

36. Changes associated with 17/17b Dates:
17. Original/Most significant construction

17b.

37. Window Type(s):
Modern Replacements

38. Building Dimensions:

39. Endangered? NO
By What?

40. Chimney Placement: Center

41. Distance from & Frontage on Road:

51. Condition of Property: Good/Fair

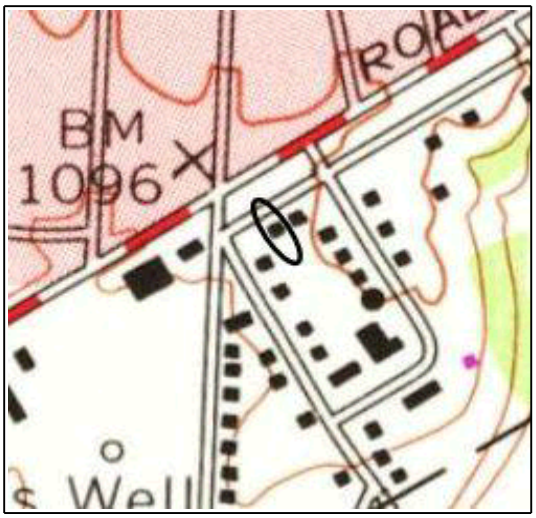
52. Historic Outbuildings & Dependencies
Structure Type(s):

Date(s):

Associated Activity:

53. Affiliated Inventory Number(s):
Historic (OHI):

Archaeological (OAI):




8. Site Plan (location map) with North Arrow

46. Prepared By: **Douglas Terpstra**
47. Organization: **ASC Group, Inc.**
48. Date Recorded: **10/05/2011**
49. PIR Reviewer: **CS/RAN**
50. PIR Review Date: **12/07/2016**

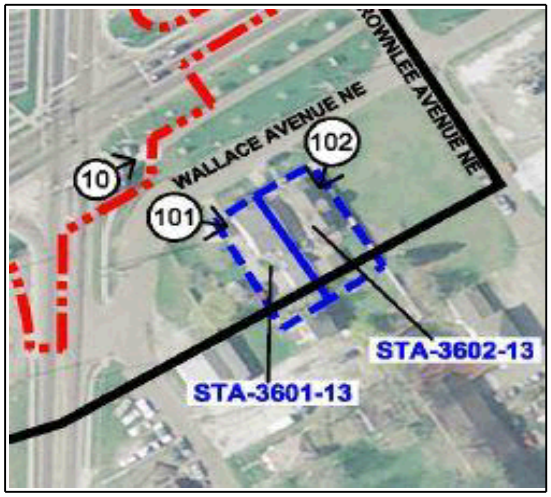
2. County: **Stark**
4. Present or Historic Name(s): **Hoover House**
6. Specific Address or Location: **3310 Mahoning Rd NE**

1. No. STA0360113

4. Present Name(s): Hoover House

2. County Stark

5. Historic or Other Name(s):




Door Selection: Single off center
Door Position: Flush
Orientation: Lateral axis
Symmetry: Bilateral asymmetry

**Report Associated With Project:**

| Primary Author | Secondary Author(s) | Year | Title |
|---|---|---|---|
| Douglas Terpstra | | 2011 | Phase I History Architecture Survey for the Mahoning Road NE Corridor Project (PID 90268, 90361, 90365) in the City of Canton, Stark County, Ohio |
| | | | |

*42. Further Description of Important Interior and Exterior Features*

The house has replacement doors, windows, and siding. A narrow dormer is located on the front facade. A two-car garage is partially attached to the rear of the house. Modern development has altered the house's setting.

*43. History and Significance*

*44. Description of Environment and Outbuildings (See #52)*

The house is located in a mixed-use neighborhood of Canton, northeast of downtown on a state highway. The neighborhood is located between two industrial areas and the building stock consists of twentieth century commercial properties and late nineteenth to twentieth century single and multi-family houses.

*45. Sources of Information*

1950 Sanborn (1949 Sheet), 1956 Sanborn

**Ohio Historic Preservation Office**
800 E. 17th Avenue
Columbus, OH 43211
614/298-2000

# OHIO HISTORIC INVENTORY

Section 106/RPR Review: **Reviewed** RPR Number: **1043975**

1. No. STA0360213 **NEW**
4. Present Name(s): **Hoover House**
2. County: **Stark**
5. Historic or Other Name(s):

6. Specific Address or Location:
3316 Mahoning Rd NE

6a. Lot, Section or VMD Number:

7. City or Village:
Canton

9. U.T.M. Reference
Quadrangle Name: Canton East

Zone: 17 Easting: 472377 Northing: 4518362

10. Classification: Building

11. On National Register? NO

13. Part of Established Hist. Dist? NO

15. Other Designation (NR or Local)

16. Thematic Associations:
MANUFACTURING/INDUSTRIAL

17. Date(s) or Period:
1924

17b. Alteration Date(s):

18. Style Class and Design:
No academic style - Vernacular

18a. Style of Addition or Elements(s):

19. Architect or Engineer:
Unknown

19a. Design Sources:

20. Contractor or Builder:

21. Building Type or Plan: Other House Type

22. Original Use, if apparent:
RESIDENTIAL/DOMESTIC

23. Present Use:
Single Dwelling

24. Ownership: Private

25. Owner's Name & Address, if known:
Randy and Tonia Hoover
3310 Mahoning Road NE
Canton, OH, 44705

26. Property Acreage: .01

27. Other Surveys:

28. No. of Stories: One and a half story

29. Basement? Yes

30. Foundation Material: Rock-Faced concrete block

31. Wall Construction:
Balloon/western/platform frame

32. Roof Type:
Gable
Roof Material:
Asphalt shingle

33. No. of Bays: 2 Side Bays: 3

34. Exterior Wall Material(s):
Aluminum or vinyl siding

35. Plan Shape: Rectangular

36. Changes associated with 17/17b Dates:
17. Original/Most significant construction

17b.

37. Window Type(s):
Modern Replacements

38. Building Dimensions:

39. Endangered? NO
By What?

40. Chimney Placement: No chimney observed

41. Distance from & Frontage on Road:

51. Condition of Property: Good/Fair

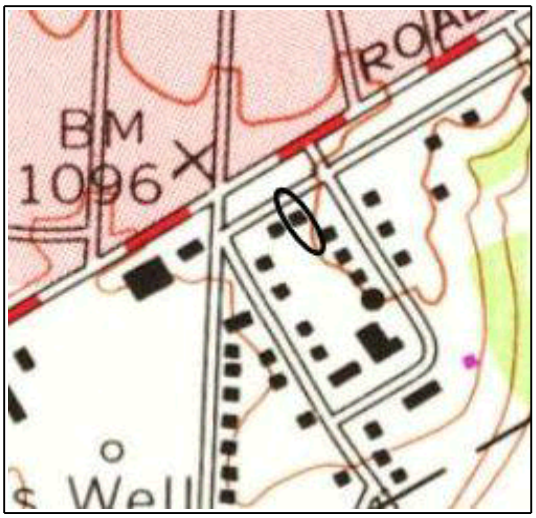
52. Historic Outbuildings & Dependencies
Structure Type(s):

Date(s):

Associated Activity:

53. Affiliated Inventory Number(s):
Historic (OHI):

Archaeological (OAI):

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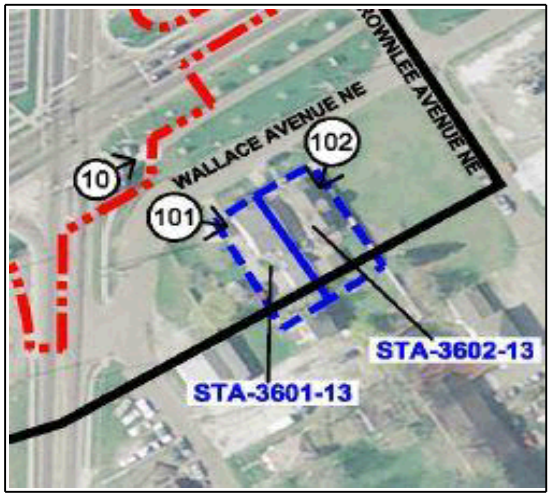
2. County: **Stark**
4. Present or Historic Name(s): **Hoover House**
6. Specific Address or Location: **3316 Mahoning Rd NE**

1. No. STA0360213

4. Present Name(s): Hoover House

2. County Stark

5. Historic or Other Name(s):




Door Selection: Single off center
Door Position: Altered
Orientation: Gable end axis
Symmetry: Bilateral symmetry

**Report Associated With Project:**

| Primary Author | Secondary Author(s) | Year | Title |
|---|---|---|---|
| Douglas Terpstra | | 2011 | Phase I History Architecture Survey for the Mahoning Road NE Corridor Project (PID 90268, 90361, 90365) in the City of Canton, Stark County, Ohio |
| | | | |

*42. Further Description of Important Interior and Exterior Features*

The front porch has been enclosed. Dormers have been added; windows, doors and siding have all been replaced. A small addition is located on the rear of the house. The property has a two car detached garage and is surrounded by a white picket fence (vinyl). Modern development has altered the house's setting.

*43. History and Significance*

*44. Description of Environment and Outbuildings (See #52)*

The house is located in a mixed-use neighborhood of Canton, northeast of downtown on a state highway. The neighborhood is located between two industrial areas and the building stock consists of twentieth century commercial properties and late nineteenth to twentieth century single and multi-family houses.

*45. Sources of Information*

1950 Sanborn (1949 Sheet), 1956 Sanborn

# Attachment 3
# Section 106 Project Summary Form

# OHIO HISTORIC PRESERVATION OFFICE:
# RESOURCE PROTECTION AND REVIEW

## Section 106 Review - Project Summary Form

**For projects requiring a license from the Federal Communications Commission, please use FCC Forms 620 or 621. DO NOT USE THIS FORM.**

## SECTION 1: GENERAL PROJECT INFORMATION

All contact information provided must include the name, address and phone number of the person listed. Email addresses should also be included, if available. Please refer to the Instructions or contact an OHPO reviewer (mailto:Section106@ohiohistory.org) if you need help completing this Form. Unless otherwise requested, we will contact the person submitting this Form with questions or comments about this project.

Date: January 10, 2024

Name/Affiliation of person submitting form: Zachary Goodson, Dominion Energy Ohio

Mailing Address: 320 Springside Drive, Suite 320, OH 44333

Phone/Fax/Email: (330) 664-2576, Gregory.k.easteridge@dominionenergy.com
(Contact Person: Greg Eastridge, on behalf of Zachary Goodson)

A. Project Info:

1. This Form provides information about:
   New Project Submittal:
   YES NO

   Additional information relating to previously submitted project:
   YES NO

   OHPO/RPR Serial Number from previous submission:

   N/A

2. Project Name (if applicable):

   PIR 3278 - Harmont and Mahoning

3. Internal tracking or reference number used by Federal Agency, consultant, and/or applicant to identify this project (if applicable):

   N/A

B. Project Address or vicinity:

40.818280°, -81.327916°

C. City/Township:

City of Canton

D. County:

Stark County

E. Federal Agency and Agency Contact. *If you do not know the federal agency involved in your project, please contact the party asking you to apply for Section 106 Review, not OHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information.*

N/A

F. Type of Federal Assistance. *List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews.*

N/A

G. State Agency and Contact Person (if applicable):

Public Utilities Commission of Ohio (PUCO)

H. Type of State Assistance:

Ohio Power Siting Board (OPSB)

I. Is this project being submitted at the direction of a state agency **solely** under Ohio Revised Code 149.53 or at the direction of a State Agency? *Answering yes to this question means that you are sure that no federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments only under ORC 149.53.*

(YES) NO

J. Public Involvement- Describe how the public has been/will be informed about this project and its potential to affect historic properties. Please summarize how they will have an opportunity to provide comments about any effects to historic properties. (This step is required for all projects under 36 CFR § 800.2):

This Project is being reviewed by the OPSB. As part of the OPSB permitting process, all application documents are public. A copy of the OPSB application will be posted. The application is also available to the public via Dominion Energy Ohio's (DEO's) webpage. Anyone may submit questions or comments about the project to the PUCO.

K. Please list other consulting parties that you have contacted/will contact about this project, such as Indian Tribes, Certified Local Governments, local officials, property

owners, or preservation groups. (See 36 CFR § 800.2 for more information about involving other consulting parties). Please summarize how they will have an opportunity to provide comments:

N/A

**SECTION 2: PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)**

Provide a description of your project, its site, and geographical information. You will also describe your project's Area of Potential Effects (APE). Please refer to the Instructions or contact an OHPO reviewer if you need help with developing the APE or completing this form.

*For challenging projects, provide as much information as possible in all sections, and then check the box in Section 5.A. to ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties or if there may be challenging procedural issues related to your project. Please note that providing information to complete all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.*

A. Does this project involve any Ground-Disturbing activity: (YES) NO
(If **Yes**, you must complete all of Section 2.A. If **No**, proceed directly to Section 2. B.)

1. General description of width, length and depth of proposed ground disturbing activity:

DEO is proposing to replace approximately 7,350 feet of natural gas distribution pipeline with approximately 5,725 feet of six (6)-, eight (8)-, and twelve (12) - inch natural gas pipeline. The pipeline length not to be replaced will be abandoned as will the pipeline parallel the replacement installation. Construction activities will occur within a ten (10)-foot wide constriction corridor within the road right-of-way (ROW) of Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE. Excavation will largely be associated with the creation of a trench to install the replacement pipeline. Trench depth is typically in the range of three (3) to five (5) feet. Trench depth depends on the size of the equipment, but should not likely exceed two (2) feet.

2. Narrative description of previous land use and past ground disturbances, if known:

The Project is located in a residential, commercial, and industrial setting. The area was likely previously cleared and disturbed for the construction of existing utilities, buildings, and public roadways.

3. Narrative description of current land use and conditions:

The project area is dominated by dense residential development with some commercial and industrial developments along Mahoning Road NE and Harmont Avenue NE. The project area primarily has land cover of maintained lawns with scattered trees, and pavement. A portion of the Stark Electric Railway Trail also runs through the project area along the southern side of Mahoning Avenue NE. The trail is comprised of pavement surrounded by maintained lawns.

4. Does the landowner know of any archaeological resources found on the property?

YES NO If yes, please describe:

B. Submit the exact project site location on a USGS 7.5-minute topographic quadrangle map for all projects. Map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

1. USGS Quad Map Name:

   Canton East Quadrangle

2. Township/City/Village Name:

   City of Canton

C. Provide a street-level map indicating the location of the project site; road names must be identified and legible. Your map must show the exact location of the boundaries for the project site. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

D. Provide a verbal description of the APE, including a discussion of how the APE will include areas with the potential for direct and indirect effects from the project. Explain the steps taken to identify the project's APE, and your justification for the specific boundaries chosen:

The APE for the project was determined to be a 200-ft buffer surrounding the Project Study Area. The Project Study Area includes 40-ft from the edge of pavement along Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE. A 200-ft buffer was determined to be the APE as it includes the maximum potential areas of disturbance for the project construction including trenching for the new pipeline, pipeline abandonment activities, construction access areas, and residential and commercial service lines. As the pipeline will be buried, and the surface restored there will be no permanent visual impacts from the project on adjacent properties; therefore, an APE for visual impacts is not included.

E. Provide a detailed description of the project. This is a critical part of your submission. Your description should be prepared for a cold reader who may not be an expert in this type of project. The information provided must help support your analysis of effects to historic properties, not other types of project impacts. Do not simply include copies of environmental documents or other types of specialized project reports. If there are multiple project alternatives, you should include information about all alternatives that are still under active consideration:

DEO is proposing to replace approximately 7,350 feet of natural gas distribution pipeline with approximately 5,725 feet of six (6)-, eight (8)-, and twelve (12) - inch natural gas pipeline. The pipeline length not to be replaced will be abandoned as will the pipeline parallel the replacement installation. DEO will also replace residential and commercial service lines. All of this work will be conducted under the Pipeline Infrastructure Replacement (PIR) Program. The purpose of the program is to replace existing pipe to ensure the safety and reliability of pipeline operations.

## SECTION 3: IDENTIFICATION OF HISTORIC PROPERTIES

Describe whether there are historic properties located within your project APE. To make that determination, use information generated from your own Background Research and Field

Survey. Then choose one of the following options to report your findings. Please refer to the Instructions and/or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.

*If you read the Instructions and you're still confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to skip this section, but provide as much supporting documentation as possible in all other Sections, then check the box in Section 5.A. to request preliminary comments from OHPO. After reviewing the information provided, OHPO will then offer comments as to which reporting option is best suited to document historic properties for your project. Please note that providing information to complete this Section will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.*

**Recording the Results of Background Research and Field Survey:**

A. **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please **attach copies** of emails/correspondence that document this agreement. You must explain how the project's potential to affect both archaeological and historic resources were considered.

B. **A table that includes the minimum information** listed in the OHPO Section 106 Documentation Table (which is generally equivalent to the information found on an inventory form). This information must be printed and mailed with the Project Summary Form. To provide sufficient information to complete this Section, you must also include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated in the project APE.

C. **OHI (Ohio Historic Inventory) or OAI (Ohio Archaeological Inventory) forms**- New or updated inventory forms may be prepared using the OHI pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. To provide sufficient information to complete this Section, you must include summary observations from your field survey and background research. You must also include eligibility determinations for each property that was evaluated in the project APE.

D. **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should meet the Secretary of the Interior's Standards and Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms. To complete this section, your survey report must include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated within the APE.

E. **Project Findings**. Based on the conclusions you reached in completing Section 3, please choose one finding for your project. There are (mark one):
   Historic Properties Present in the APE:
   No Historic Properties Present in the APE:

**SECTION 4: SUPPORTING DOCUMENTATION**

This information must be provided for all projects.

A. Photographs must be keyed to a street-level map, and should be included as

attachments to this application. Please label all forms, tables and CDs with the date of your submission and project name, as identified in Section 1. You must present enough documentation to clearly show existing conditions at your project site and convey details about the buildings, structures or sites that are described in your submission. Faxed or photocopied photographs are not acceptable. See Instructions for more info about photo submissions or 36 CFR § 800.11 for federal documentation standards.

1. Provide photos of the entire project site and take photos to/from historic properties from/towards your project site to support your determination of effect in Section 5.
2. Provide current photos of all buildings/structures/sites described.

B. Project plan, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic properties.

C. Copies or summaries of any comments provided by consulting parties or the public.

**SECTION 5: DETERMINATION OF EFFECT**

A. **Request Preliminary Comments.** For challenging projects, provide as much information as possible in previous sections and ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project's potential to affect historic properties, or if there may be challenging procedural issues related to your project. Please be aware that providing information in all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

1. We request preliminary comments from OHPO about this project:
   YES (NO)

2. Please specify as clearly as possible the particular issues that you would like OHPO to examine for your project (for example- help with developing an APE, addressing the concerns of consulting parties, survey methodology, etc.):

   DEO requests concurrence that the project will have no affects on historic or cultural resources.

B. **Determination of Effect.** If you believe that you have gathered enough information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, while considering public comments. Please select and mark one of the following determinations, then explain the basis for your decision on an attached sheet of paper:

**No historic properties will be affected** based on 36 CFR § 800.4(d) (1). Please explain how you made this determination:

DEO has reviewed the results of the online OHPO database. Although two (2) Ohio Historic Inventory (OHI) structures are located within the boundary of the APE at 3310 Mahoning Road NE and 3316 Mahoning Road NE, the nature of the work near these structures consists of pipeline abandonment only, with minimal to no excavation. There will be no permanent visual impact to these structures. No other records exist within or adjacent to the project area/APE.

**No Adverse Effect** [36 CFR § 800.5(b)] on historic properties. This finding

cannot be used if there are no historic properties present in your project APE. Please explain why the Criteria of Adverse Effect, [36 CFR Part 800.5(a) (1)], were found not to be applicable for your project:

**Adverse Effect** [36 CFR § 800.5(d) (2)] on historic properties. Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a) (1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

*Please print and mail completed form and supporting documentation to:*

*State Historic Preservation Office*
*Resource Protection and Review Department*
*800 E. 17th Avenue*
*Columbus, OH 43211-2474*

# Attachment 4
# Photographs

# Photographic Log

| **Photo #1** |
|---|
| Date: 12/07/2021 |
| Feature: Residential Land Use |
| Description: The study area is dominated by residential development and has land cover of maintained lawns with scattered trees. |


| **Photo #2** |
|---|
| Date: 12/07/2021 |
| Feature: Commercial Property |
| Description: The study area contains commercial developments including a post office. |

# Photographic Log

| **Photo #3** |
|---|
| Date: 12/07/2021 |
| Feature: Industrial Property |
| Description: An industrial property is located near the intersection of Harmont Avenue NE and Winfield Street NE within the study area. |


| **Photo #4** |
|---|
| Date: 12/07/2021 |
| Feature: Stark Electric Railway Trail |
| Description: The Stark Electric Railway Trail runs through the study area. It is comprised of pavement and is surrounded by mowed fields. |

# Photographic Log

| **Photo #5** |
|---|
| Date: 12/07/2021 |
| Feature: Ohio Historical Inventory (OHI) Structure |
| Description: Hoover House in an OHI Structure located in the study area at 3310 Mahoning Road. |

| **Photo #6** |
|---|
| Date: 12/07/2021 |
| Feature: Ohio Historical Inventory (OHI) Structure |
| Description: Hoover House in an OHI Structure located in the study area at 3316 Mahoning Road. |

In replies, please use
2024-STA-60135

January 31, 2024

Greg Eastridge
Environmental Specialist III
320 Springside Drive, Suite 320
Akron, Ohio 44333

**Re: Section 106 Review— PIR 3278 Harmont and Mahoning, Canton, Stark County, Ohio**

Dear Mr. Eastridge:

This letter is in response to your correspondence, received on January 10, 2024, regarding the proposed PIR 3278 Harmont and Mahoning project. We appreciate the opportunity to comment on this project. The comments of Ohio's State Historic Preservation Office (SHPO) are made pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, and the associated regulations at 36 CFR Part 800 and Ohio Revised Code 149.53.

DEO is proposing to replace approximately 7,350 feet of natural gas distribution pipeline with approximately 5,725 feet of six (6)-, eight (8)-, and twelve (12) - inch natural gas pipeline. The PIR 3278 Project is located along the road right-of-way of Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE.

A review soils within the APE indicate that a majority of the soils are either previously disturbed, which are not conducive to the discovery of cultural resources. A review of the SHPO GIS database reveals that there are no archaeological sites or archaeological surveys within the APE. The proposed project area has not been previously surveyed. The SHPO office does not recommend a Phase I archaeological survey for this project.

Based on the information submitted, the SHPO agrees that the proposed project will not affect historic properties. No further coordination is necessary unless the project changes or new or additional historic properties are discovered during the implementation of the project. In such a situation, the SHPO should be contacted as per 36 CFR 800.13. Please be advised that this is a Section 106 decision. This review decision may not extend to other SHPO programs. If you have any questions, please contact me by email at dgagliano@ohiohistory.org. Thank you for your cooperation.

Sincerely,

Dawn Walter Gagliano
Project Reviews Manager, Archaeology
Resource Protection and Review
Ohio State Historic Preservation Office

RPR Ser. No. 1101363

**ATTACHMENT F**

STORMWATER POLLUTION PREVENTION PLAN

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

**The East Ohio Gas Company, d/b/a Dominion Energy Ohio**
**Stormwater Pollution Prevention Plan (SWP3)**

**PIR 3278 – Harmont & Mahoning**
**City of Canton, Stark County, Ohio**

**Planned Construction Start Date: January 2024**

**Planned Construction Completion Date: July 2024**

**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, 2023**
**Prepared by: Environmental Consulting & Technology, Inc.**

# DULY AUTHORIZED

## OPERATOR/PERMITEE CERTIFICATION

I certify that the positions named below are my duly authorized representatives for the Ohio EPA General Construction Stormwater Permits (Ohio NPDES General Permit OHC000006 or General Permit for Storm Water Discharges Associated with Construction Activity from Oil and Gas Linear Transmission Line and Gathering Line Installation OHCG00001) for Discharges of Stormwater from Construction Activities. I certify that these positions named below and defined within the corresponding SWPPP are my duly authorized representatives to have overall responsibilities sufficient to implement the SWPPP, amend or modify the SWPPP, and sign all required reports as assigned.

I also certify that the positions named below are my duly authorized representatives for the Ohio EPA General Permit Authorization to Discharge Hydrostatic Test Water (Ohio NPDES General Permit OHH000004). These individuals are my duly authorized representatives to sign all required reports or other information that may be requested by the Ohio EPA Director.

"Facilities Project Manager, Owner
Project Engineer
Environmental Compliance Coordinator
Supervisor Environmental
Qualified Inspection Personnel"

Signature 

Printed Name Zachary R. Goodson

Title Director - Gas operations

Date 5-4-2023

This Operator Certification must be signed by a responsible corporate officer or delegated authority.

# DULY AUTHORIZED

## OPERATOR/PERMITEE CERTIFICATION

I certify that the positions named below are my duly authorized representatives for the Ohio EPA General Construction Stormwater Permits (Ohio NPDES General Permit OHC000006 or General Permit for Storm Water Discharges Associated with Construction Activity from Oil and Gas Linear Transmission Line and Gathering Line Installation OHCG00001) for Discharges of Stormwater from Construction Activities. I certify that these positions named below and defined within the corresponding SWPPP are my duly authorized representatives to have overall responsibilities sufficient to implement the SWPPP, amend or modify the SWPPP, and sign all required reports as assigned.

I also certify that the positions named below are my duly authorized representatives for the Ohio EPA General Permit Authorization to Discharge Hydrostatic Test Water (Ohio NPDES General Permit OHH000004). These individuals are my duly authorized representatives to sign all required reports or other information that may be requested by the Ohio EPA Director.

"Facilities Project Manager, Owner
Project Engineer
Environmental Compliance Coordinator
Supervisor Environmental
Qualified Inspection Personnel"

Signature George K. Smith

Printed Name George K. Smith

Title Director Gas Operations

Date 5-10-23

This Operator Certification must be signed by a responsible corporate officer or delegated authority.

## CERTIFICATIONS

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

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 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 under penalty of law that I have reviewed this document, any attachments, and the SWP3 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 this SWP3, if approved, makes the above-described construction activity subject to the Ohio NPDES General Permit, and that certain activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations and for failure to comply with these permit requirements.

_____
Primary Contractor Name

_____

_____
Primary Contractor Address

_____ _____
Signature Date

_____
Printed Name

_____
Title

_____
Subcontractor Name

_____

_____
Subcontractor Address

_____ _____
Signature Date

_____
Printed Name

_____
Title

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

**THE EAST OHIO GAS COMPANY, d/b/a DOMINION ENERGY OHIO**
**PIR 3278 – Harmont & Mahoning**
**City of Canton, Stark County, Ohio**

## TABLE OF CONTENTS

**SECTION** **Page**

## LIST OF TABLES



## LIST OF APPENDICES

## LIST OF DEFINITIONS

| | |
|---|---|
| BMP | Best Management Practice |
| C&DD | Construction and Demolition Debris |
| CWA | Clean Water Act |
| Director | Director of the Ohio Environmental Protection Agency |
| E&S | Erosion and Sediment |
| EPA | Environmental Protection Agency |
| General Permit | General Permit for Stormwater Discharges Associated with Construction Activities Under the National Pollutant Discharge Elimination System Permit No. OHC000006, effective April 23, 2023, expires April 22, 2028. |
| HUC | 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 |
| 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 |

## EXECUTIVE SUMMARY

The purpose of this Stormwater Pollution Prevention Plan (SWP3) is to present procedures that will 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, d/b/a Dominion Energy Ohio (Dominion Energy), Pipeline Infrastructure Replacement (PIR) project, PIR 3278 – Harmont & Mahoning (Project), located in the City of Canton, Stark County, Ohio. The procedures developed in this plan must be implemented throughout the duration of the Project.

Dominion Energy will be responsible for the development, implementation, and enforcement of this plan. Dominion Energy 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 OHC000006; 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 construction activity that enter surface waters of the State or a storm drain leading to surface waters of the State. Construction activities include any clearing, grading, excavating, grubbing and/or filling activities that disturb one (1) 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 OHC000006 (effective April 23, 2023 and expires April 22, 2028 (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 Energy 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.

## 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 Dominion Energy and Environmental Consulting & Technology, Inc.

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 Energy must provide a copy of this SWP3 within seven (7) 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 Energy must make documents available to the public upon request or provide a copy at public expense, at cost, in a timely manner. However, Dominion Energy 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 Energy at any time that the SWP3 does not meet one (1) 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 Energy 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 Energy 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 Energy 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 Energy 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 at the beginning of this document.

## 2.1 SITE/PROJECT DESCRIPTION AND LOCATION/SETTING

Dominion Energy is proposing to install approximately 8,050 feet of replacement natural gas pipeline (six [6]-, eight [8]-inch, and 12-inch diameter) and conduct any necessary abandonment activities under Dominion Energy's PIR Program. The purpose of this Project is to replace existing pipe to ensure the safety and reliability of pipeline operations. Additionally, replacement of a Metering and Regulation (M&R) station may be conducted, concurrently, as part of this project.

The PIR 3278 Project is located in the City of Canton, Stark County along Harmont Avenue NE, Mahoning Road NE, Baldwin Avenue NE, Avalon Avenue NE, Brownlee Avenue, and 25th Steet NE At intersections with no proposed mainline replacement, small portions of pipeline may be installed to "tie in" the new pipeline to existing pipelines. Along any portions of abandoned pipeline, small areas of excavation may occur to allow the line to be purged and cut and capped. Service lines to individual structures may also be replaced as part of this Project. The need for any laydown and/or material storage areas will be determined by the selected construction contractor. The Project area is easily accessible from public roads.

The M&R station is located east of Baldwin Avenue NE (south of the Mahoning Road NE) and consists of an existing small building in a graveled area. To replace the station, DEO would demolish the existing building and install a small cabinet on a concrete pad, in the same location, which would contain the new station piping. Should the M&R replacement work be conducted separately from this project (i.e., before pipeline replacement begins or after active replacement activities), DEO will consider the M&R work as an independent project; apart from the PIR 3278 project, for which this SWP3 is prepared.

The scope of work is to install and abandon sections of natural gas pipeline and potential replacement of an M&R station; no other utilities will be constructed. The construction of other buildings, roads, or parking facilities, is not included in the scope of work. Disturbance within the Project area will be minimized as much as possible. The area reviewed for the Project is approximately 36.5 acres in size. Approximately 1.8 acres will be temporarily disturbed due to excavation, filling, grading, and installation of erosion control measures. The 1.8 acres will be disturbed in phases.

The Project area is located in residential, commercial, and industrial land within the Tuscarawas

River drainage basin (Hydrological Unite Code [HUC] 05040001). The Project area has undulating elevations. No streams or wetlands are located within the Project area.

The maps included in **Appendix A** depict the location of the Project on a roadway map, U.S. Geological Survey Topographic Map, and a watershed map.

## 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 located within the Project include Canfield-Urban land complex, 2 to 6 percent slopes (CeB), and Chili-Urban land complex, undulating (CuB). A copy of the Soil Survey for the Project and a table identifying the soil types and characteristics (drainage capacity, depth to water table, K factor rating, etc.) are provided in **Appendix B**.

## 2.4 STEEP SLOPES

The project area does not exhibit steep/critical slopes.

## 2.5 PRIOR LAND USES

Prior land uses for the Project site includes residential, commercial, and industrial land.

## 2.6 RECEIVING STREAMS OR SURFACE WATERS

The Project is located within the East Branch Nimishillen Creek subwatershed (HUC12 #05040001 0502) of the Nimishillen Creek watershed (HUC10 05040001 05), within the greater Tuscarawas River watershed (HUC8 05040001). The first named receiving stream for project is East Branch Nimishillen Creek, located 0.3 mile southeast of the Project area. East Branch Nimishillen Creek is a tributary of Nimishillen Creek which flows south into Sandy Creek. Sandy Creek is a tributary to the Tuscarawas River which drains into the Muskingum River which drains south into the Ohio River. A map depicting where the Project is located within a watershed setting is included in **Appendix A**. Any rivers, streams, wetlands, and any significant ponds or ditches crossed by the Project have been included on the maps in **Appendix C**.

The Ohio EPA conducts periodic surveys to collect water quality data on Ohio's streams and rivers. The data are incorporated into the Ohio Integrated Water Quality Monitoring and Assessment Report. The watershed monitoring data closest to the project area indicates that East Branch

Nimishillen Creek at Canton at Harmont Avenue is in non-attainment for Aquatic Life Use. The Watershed Assessment indicates that the watershed, as a whole, is impaired for recreational use and aquatic life. The water is utilized for drinking water supply.

The project area is located in the City of Canton and Stark County which both hold a MS4 Stormwater Permit (3GQ00072*DG and 3GQ00120*DG respectively). Dedicated asphalt and/or concrete batch plant discharges covered by the NPDES construction stormwater General Permit are not applicable to this Project.

## 2.7 IMPLEMENTATION SCHEDULE

A general implementation schedule providing the sequence of major construction operations is provided below. Construction activities are expected to be initiated and completed in 2024. The specific start date will be determined by the receipt of all applicable permits and the selected construction contractors' schedule. The completion date may be affected by weather conditions. 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 (To be determined by the contractor)**

- Mobilization.
- Survey and stake existing pipeline and limits of construction.
- Flag/field mark wetland 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 (To be determined by the 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 (To be determined by the contractor)**

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

**4 - RESTORATION (To be determined by the contractor)**

- Restore grade to preconstruction contours and install permanent runoff controls, where needed.
- Installation of concrete washout (if required)
- 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

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

- Removal of concrete washout and disposal of washout material
- Monitor adequacy of erosion control practices.
- Remove temporary erosion and sediment controls and runoff controls once 70 percent uniform vegetative growth is achieved.
- Submit Notice of Termination.

## 2.8 SITE MAPPING

The scope of this project is to install new or replacement natural gas pipeline and as applicable, conduct activities associated with pipeline abandonment. Additionally, replacement of a Metering and Regulation (M&R) station may be conducted, concurrently, as part of this project. No other utilities, buildings, roads, or parking facilities will be constructed.

Project site location maps are provided in **Appendix A**. The Soil Survey map for the Project is provided in **Appendix B**. 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, relation to existing buildings and roads, the location of all erosion and sediment control measures, and areas designated for disposal and storage. The site drawing checklist and logs are included in **Appendix D**. Typical erosion and sediment control drawings for all sediment

and erosion controls practices are also included in **Appendix F**.

# 3.0 CONTROLS

To the extent practicable, the locations of temporary and permanent stormwater BMPs to be implemented for the Project site are shown on the drawings 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 (in **Appendix A, B,** and/or **C**, as appropriate) at that time. The construction contractor will complete the "Site Drawing Checklist" (**Appendix D**) verifying the inclusion of these features.] The BMPs will be implemented in accordance with the Typical Drawings provided in **Appendix F**. 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 6, 2014.

## 3.1 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 fifty (50) feet measured from the ordinary high water mark of the surface water.

Disturbance within the project area will be minimized as much as possible. The area reviewed for the Project is approximately 6.5 acres. Of this, only 1.8 acres will be impacted.

Separation of the topsoil from the subsoil will generally be performed at residential properties. The backfill material returned to the excavation will consist of the same material removed from the excavation, to the extent practicable.

## 3.2 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 likely employed for the Project include: phased disturbance, tree preservation, dust control, mulching, topsoiling, temporary seeding, permanent seeding, and sodding. Erosion Control Measures will be in accordance with the Rainwater and Land Development Manual. Typical drawings for these erosion control measures are provided in **Appendix F**.

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 seventy (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 **Tables 1** and **2** below and in accordance with the site layout maps and detail sheets provided in **Appendix C**.

*Table 1: Permanent Stabilization*

| Area Requiring Permanent Stabilization | Time Frame to Apply Erosion Controls (Stabilization) |
|---|---|
| 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 (Stabilization) |
|---|---|
| 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.<br><br>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. |

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 Preservation: Tree 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.

## 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. Runoff control methods likely implemented for this Project include dewatering measures. Runoff control measures will be in accordance with Chapter 4 and 5 of the Rainwater and Land Development Manual.

Dewatering Measures. Dewatering consists of providing an area for receiving and treating surface runoff and groundwater pumped from excavation or work areas prior to being released off the site, such as desilting basins or sediment traps. For project areas without these detention features, dewatering typically consists of the use of filter devices (e.g. filter bags) to treat and release water removed from excavation. Filter bags should discharge to an upland location if possible. These practices reduce sediment impacts to downstream water resources.

## 3.4 SURFACE WATER PROTECTION

No wetlands or streams are located within or immediately adjacent to the Project area.

## 3.5 SEDIMENT CONTROL PRACTICES

All Project activities will occur within the areas indicated on site drawings in **Appendix C**. All Sediment Control Devices will match those indicated on the mapping in **Appendix C**. Minor adjustments to control devices (type, location, etc.) deemed necessary to maintain compliance can be made on the project mapping. 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" **(Appendix D)** will be completed, verifying the inclusion of these features or minor adjustments. 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 1.8 acres. Sediment Control Practices must treat 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, among others: silt fence, storm drain inlet protection, and filter socks. 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 OHC000006. Dominion Energy 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 Energy.

Timing. Sediment control structures must be present, as indicated or otherwise deemed to be necessary, and 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.

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. Maximum drainage area and slopes must be considered when determining the appropriateness of silt fence. 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 F** (for additional information on proper installation procedures.

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 or more acres will require a sediment settling pond.

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 Energy must replace or modify the control for site conditions.

## 3.6 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.

## 3.7 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 Energy.

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 materials to be used on-site. Containers must be covered, as required, and not leaking. All waste material must be disposed of at facilities approved by the Ohio EPA for that material. Ensure storage time frames are not exceeded.

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 Energy.

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 accumulative aboveground storage of 1,320 gallons or more, or 42,000 gallons of underground storage.

No detergent may be used to wash vehicles. Wash waters will be treated in a sediment basin or alternative control which provides equivalent treatment prior to discharge.

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 sump or wash 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. Concrete washout details are located in **Appendix H**. The location for concrete washout will be determined in the field as necessary.

Spill Reporting Requirements. In the event of a spill of a regulated or hazardous material, immediately contact the Dominion Energy ECC assigned to the site or Project. The Dominion Energy ECC (if Dominion Energy ECC not available, other Dominion Energy 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 handling[1]. 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

[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 ECC assigned to the site or project for advice.

construction/demolition debris landfill) which has been approved by Dominion Energy.

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

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, etc., will require specific Ohio EPA Air Permits for installation and operation. Dominion Energy 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 Energy 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 an Dominion Energy 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 Energy will acquire the PTI or Dominion Energy 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 they 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 Energy approved facility.

## 3.8 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 after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled. Rainfall amounts will be determined by Dominion Energy 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.

## 3.9 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 Energy personnel or a designated representative at least once every seven (7) calendar days and after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled.

- 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 Energy will obtain the waiver at the request of the contractor.

- Once a definable area has reached final stabilization as defined in Section 3.2 Erosion Control Practices, the area must be marked on the SWP3 and no further inspection requirements apply to that portion of the site.

- A Dominion Energy or a 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 inspection form and checklist is provided in **Appendix I**. The record and certification must be signed in accordance with Ohio Permit OHC000006.

- 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 Energy must provide justification for rejecting each practice based on site conditions. Dominion Energy may request approval from Ohio EPA and any other applicable regulatory authority to use alternative methods if Dominion Energy 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 OHC000006.

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

# APPENDIX A

# Site Location Maps


Project Study Area

N

0 350 700

Feet

Sources: ECT, 2022; ESRI, 2022

**Appendix A - Figure 1**
**Site Location**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

Project Study Area

N

0 350 700

Feet

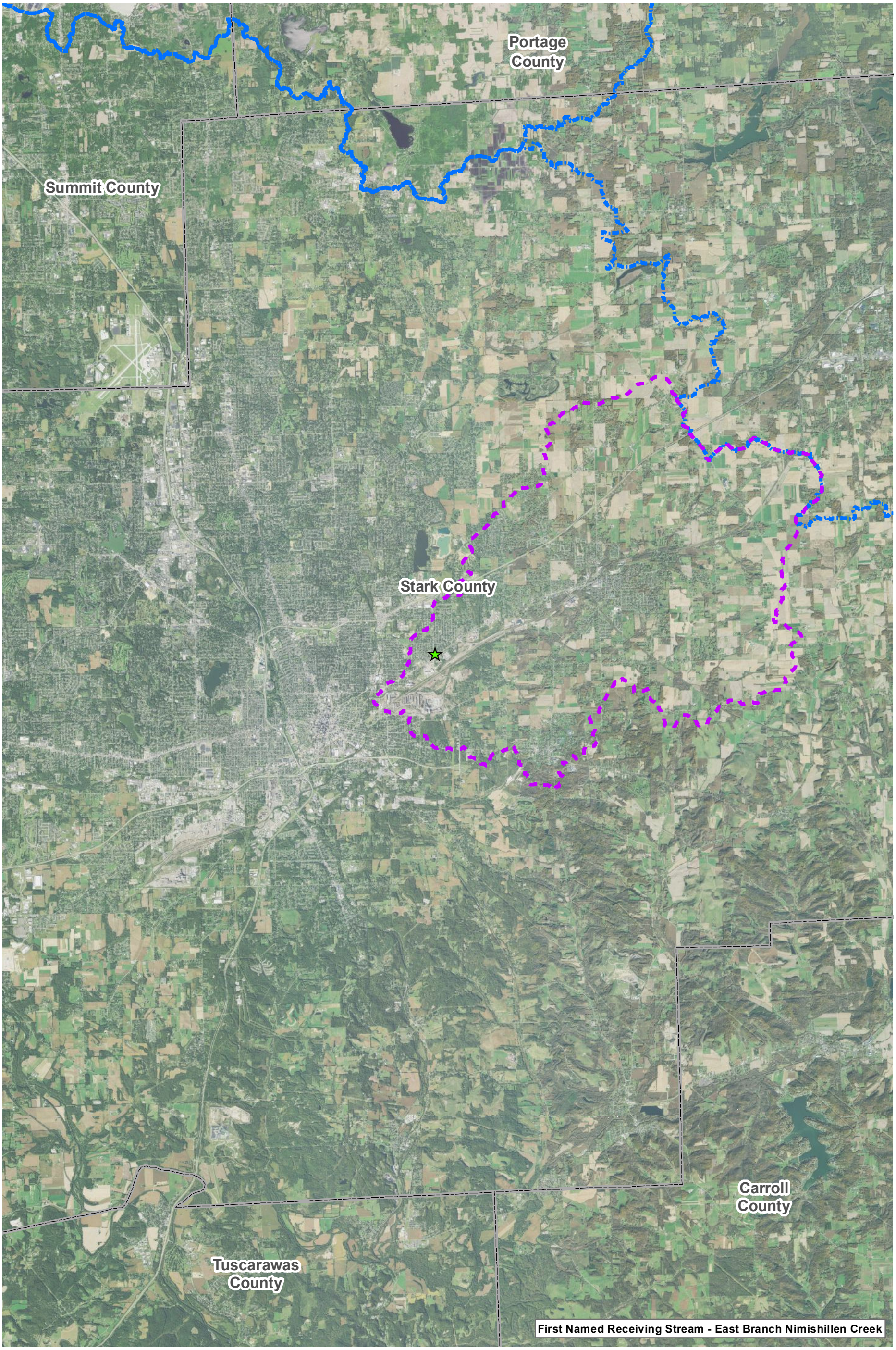
Sources: US TopoMaps Canton East Quadrangle

**Appendix A - Figure 2**
**USGS Topographic**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area - Approx. Location
HUC 12 - East Branch Nimishillen Creek
HUC 8 - Tuscarawas
County Boundaries

N

0 1.25 2.5
Miles

Sources: USGS NAIP Aerial

**Appendix A - Figure 3**
**Watershed Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 4/26/2023

ECT

# APPENDIX B

## Soil Map and Table

| Symbol | Description | Hydric Rating | Acreage* |
|---|---|---|---|
| CeB | Canfield-Urban land complex, 2 to 6 percent slopes | Nonhydric | 22.47 |
| CuB | Chili-Urban land complex, undulating | Nonhydric | 1.83 |
| | | Total | 24.30 |
| *Note: Acreage is rounded to the nearest 100th acre | | | |

Project Study Area
Soils (NRCS)
Non-Hydric Soils

N

0 150 300
Feet

Sources: OSIP 2016

**Appendix B - Figure 1**
**NRCS Soil Survey Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 3/20/2023

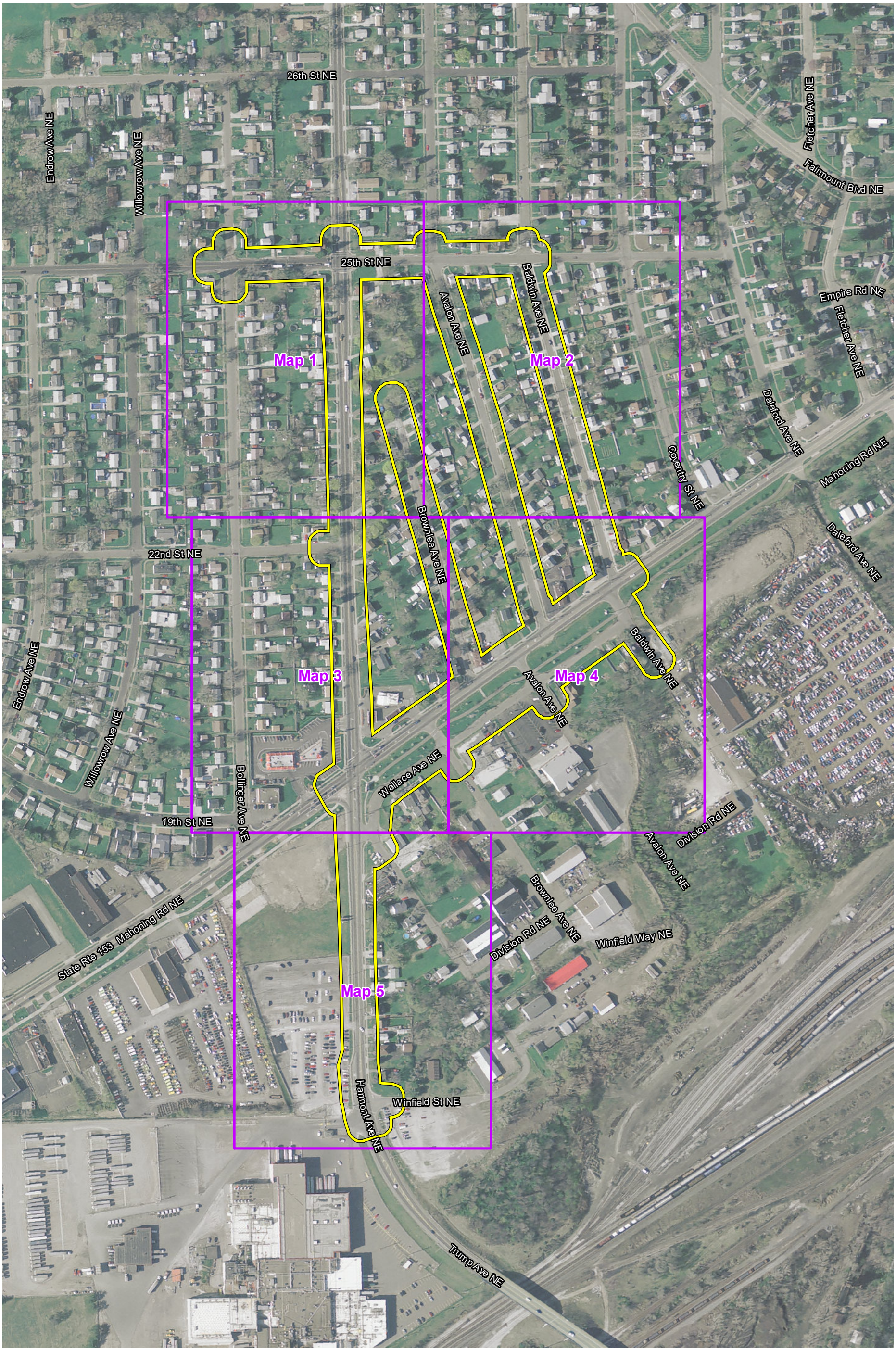
ECT

***Appendix B - Soil Types and Descriptions***

| Soil Type | Map Symbol | Slope | Material | Drainage Class | Location | Depth to Water Table (centimeters) | Depth to Restrictive Feature (centimeters) | K Factor, Whole Soil (Erosibility) |
|---|---|---|---|---|---|---|---|---|
| Canfield-Urban land complex, 2 to 6 percent slopes | CeB | 4% | Till | Moderately well drained | Till plains / Summit, Till plains / Shoulder | 38 | 66 | 0.37 |
| Chili-Urban land complex, undulating | CuB | 3% | Outwash | Well drained | Terraces | >200 | >200 | 0.43 |

# APPENDIX C

# Detailed Erosion and Sediment Control Location Drawings




Project Study Area

Map Pages

N

0 150 300

Feet

Sources: OSIP 2016

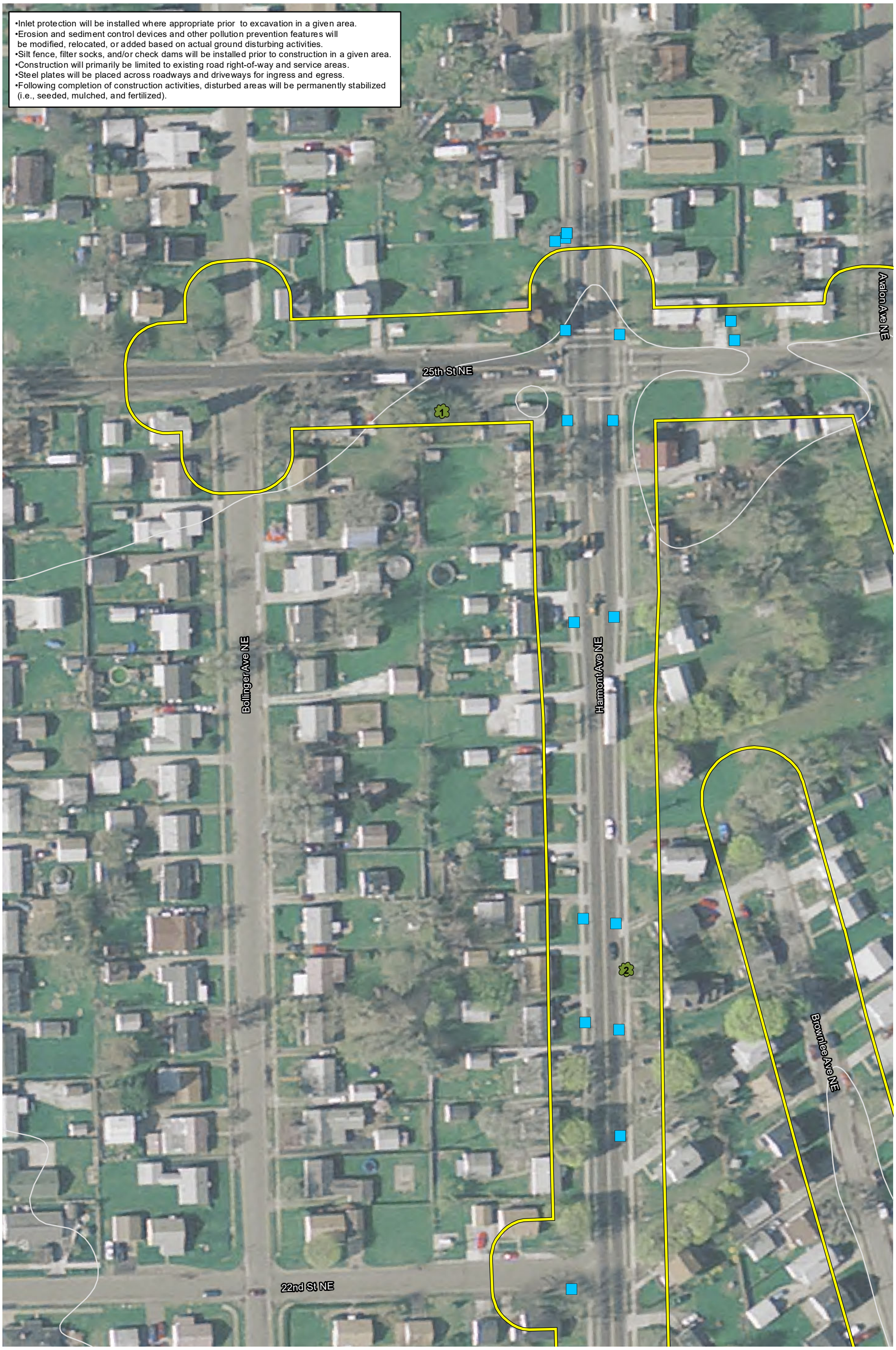
**Appendix C - Figure 1**
**Erosion and Sediment Control Map Book**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 4/26/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
•Steel plates will be placed across roadways and driveways for ingress and egress.
•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).




Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 1 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
•Steel plates will be placed across roadways and driveways for ingress and egress.
•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).


Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 2 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
•Steel plates will be placed across roadways and driveways for ingress and egress.
•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).

22nd St NE
Brownlee Ave NE
Harmont Ave NE
Brownlee Ave NE
Wallace Ave NE
Mahoning Rd NE
State Rte 153
19th St NE
Bollinger Ave NE

Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 3 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT


**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 4 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT


Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N

0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 5 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

# APPENDIX D

# Site Drawing Checklist and Logs

## D-1 SITE DRAWING CHECKLIST **

- **Location of solid waste dumpsters**

- **Location designated for waste drums of oil soaked absorbent pads/rags; solids, sludge, or oil collected from pipeline**

- **Locations of sanitary facilities such as Port-a-Jons (update these locations on drawings as project progresses)**

- **Locations of diesel and gasoline storage tanks (secondary containment provided)**

- **Locations of pipe and equipment storage yards**

- **Locations of cement truck washout**

** ***These locations can be hand drawn on the site drawings.***

**SWPPP Amendment Log** D-2

**Project Name:** _____

**Construction Inspector:** _____

| Amendment Number | Description of Amendment | Date of Amendment | Amendment Prepared by (name and title) |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Grading and Stabilization Activities Log** D-3

**Project Name: Construction** _____

**Inspector:** _____

| Date Grading Activity Initiated | Description of Grading | Date Grading Activity Ceased (Indicate temporary or permanent) | Date when Stabilization Measures were Initiated | Description of Stabilization Measure and Location |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# APPENDIX E

# Corrective Action Log

**Dominion Construction Stormwater General Permit: Corrective Action Log**

**Project Name:**

**State-Specific Corrective Action Requirement*:**

**Positions Authorized to Document Corrective Action Completion:**

| Corrective Action # | Inspection Date | Inspector Name(s) | Description of Deficiency | Corrective Action Required | Date Corrective Action is Due* | Agency Notification Required? (Y/N) | Date Corrective Action Performed / Responsible Person |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

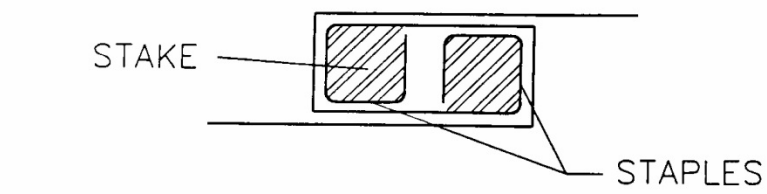
*Corrective action requirements/deadlines are state specific. Thus, refer to your construction stormwater permit. Should the project team not be able to meet the permit deadlines then the stormwater management program authority (e.g. state agency) must be notified.

# APPENDIX F

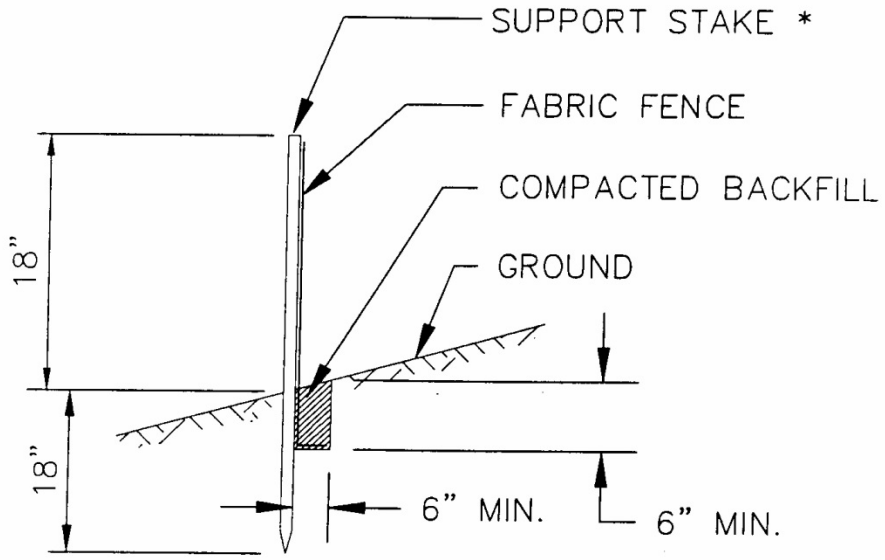
# Typical Upland Erosion and Sediment Control Plan Drawings

# DETAIL F-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.

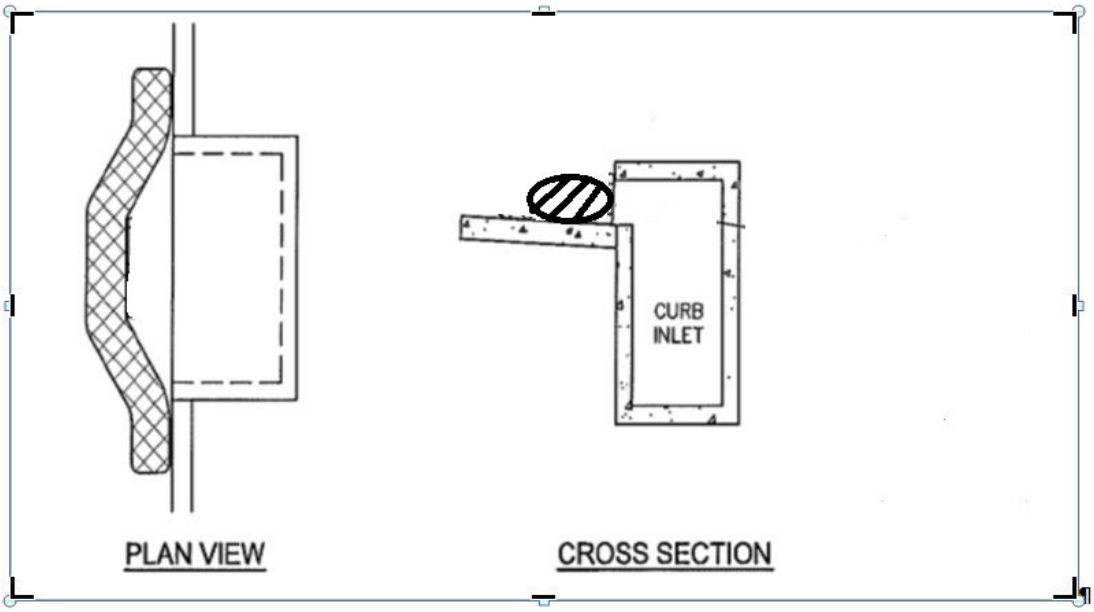
Trench shall be backfilled and compacted to prevent runoff from cutting underneath the fence.

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.

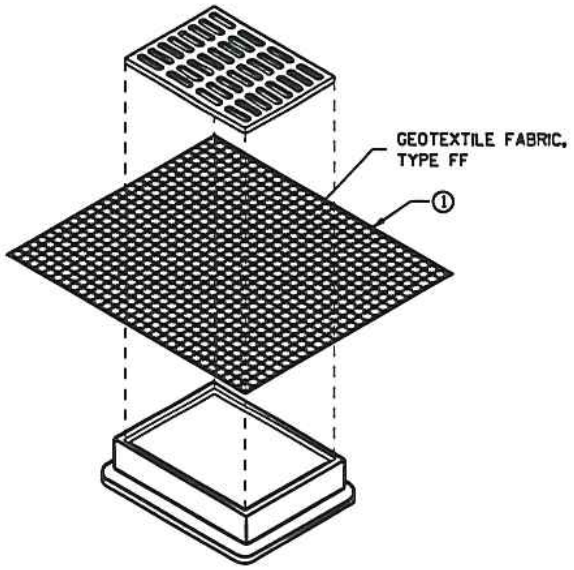
# DETAIL F-2A

**CURB INLET PROTECTION**

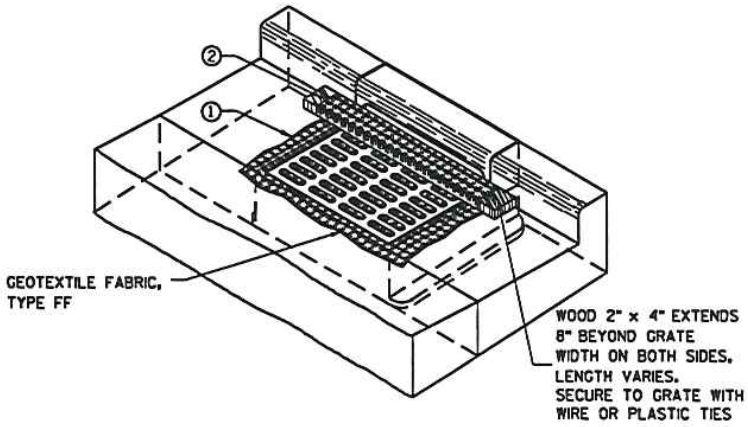


# DETAIL F-2B

## 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

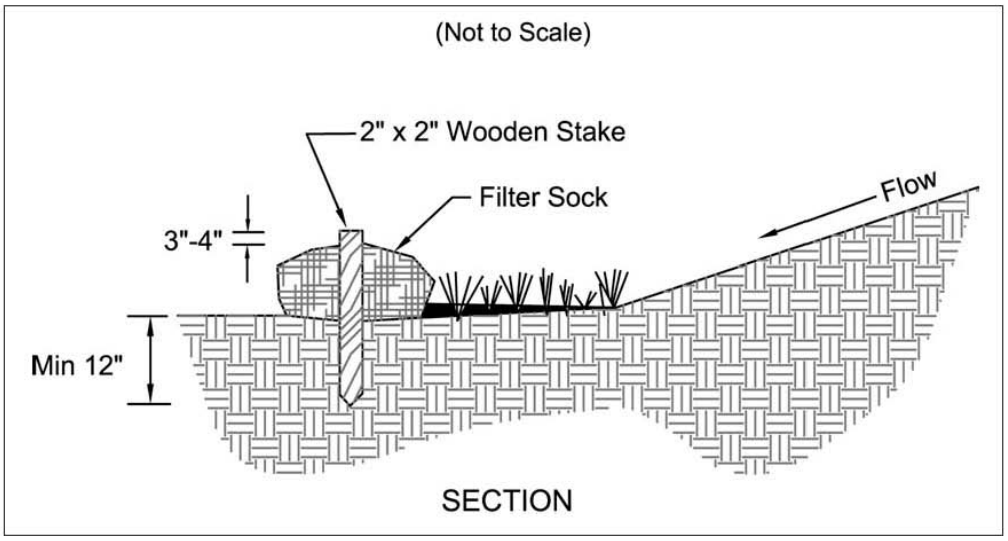
**TYPE B & C**

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 F-3

## 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 a 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.

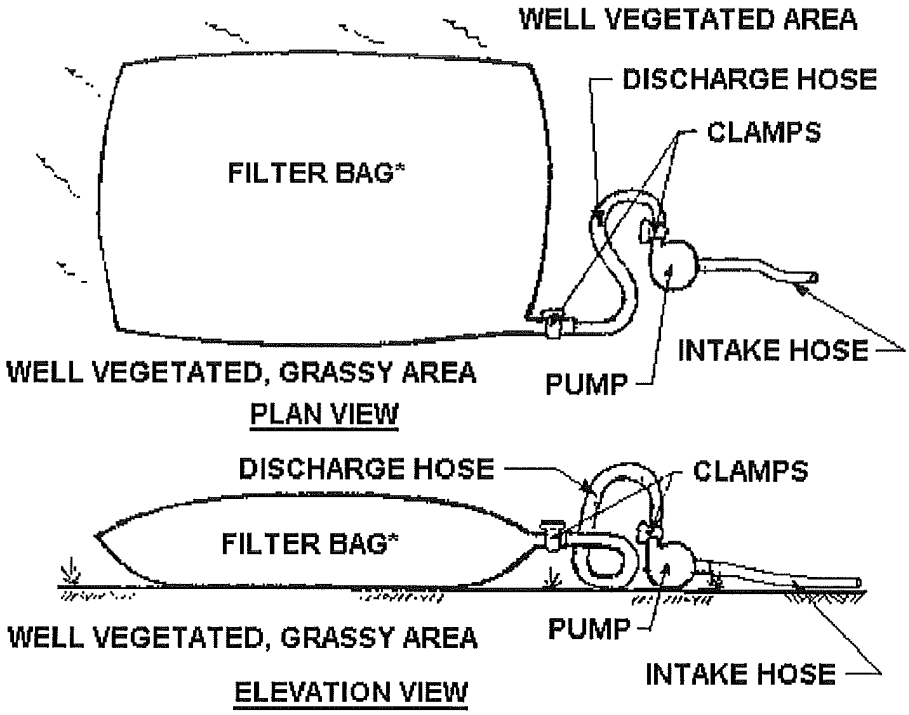
MAINTENANCE:

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 as way as to facilitate and not obstruct seedings.

Note: Filter socks may not require stakes if used in areas of little to no slope, for short duration, and/or for relatively small disturbances such as sidecast piles from service line tie-ins.

# DETAIL F-4

## PUMPED WATER FILTER BAG DETAIL




Filter bags shall be made from non-woven geotextile material sewn with high strength, double stiched "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.

# APPENDIX G

# NOI Application Documentation

# 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 Co d/b/a Dominion Energy Ohio

**Mailing (Applicant) Address Line:** 320 Springside Drive Suite 320

| **City:** Akron | **State :** OH | **Zip Code:** 44333 |
|---|---|---|

**Country:** USA

| **Contact Person:** Greg Eastridge | **Phone:** (330) 664-2576 | **Fax:** (330) 664-2669 |
|---|---|---|

**Contact E-mail Address:** gregory.k.eastridge@dominionenergy.com

## II. Facility/Site Location Information

**Facility/Site Name:** PIR 3278 - Harmont & Mahoning

**Facility Address:** Mahoning Road

| **City:** Canton | **State:** OH | **Zip Code:** 44705 |
|---|---|---|

| **County:** Stark | **Township:** Plain |
|---|---|

| **Facility Contact Person:** David Hollendonner | **Phone:** (330) 664-2677 | **Fax:** (330) 664-2691 |
|---|---|---|

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

| **Latitude:** 40.818282 | **Longitude:** -81.327916 | **Facility/Map Attachment** PIR3278_8x11_NOI_Map_20230426.pdf |
|---|---|---|

**Receiving Stream or MS4:** City of Canton MS4 (3GQ00072*DG), Stark County MS4 (3GQ00120*DG), East Branch Nimishillen Creek

## III. General Permit Information

| **General Permit Number:** OHC000005 | **Coverage Type:** New |
|---|---|
| **Type of Activity:** Construction Site Stormwater General Permit | **SIC Code(s):** |
| **Existing NPDES Facility Permit Number:** 3GC13343*AG | **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):** January 31, 2024 | | **Estimated Completion Date(if applicable):** July 31, 2024 |
| **Total Land Disturbance (Acres):** 1.8 | | **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:** |

**ADDITIONAL INFORMATION**

*Please add any additional comments or attachments below.*

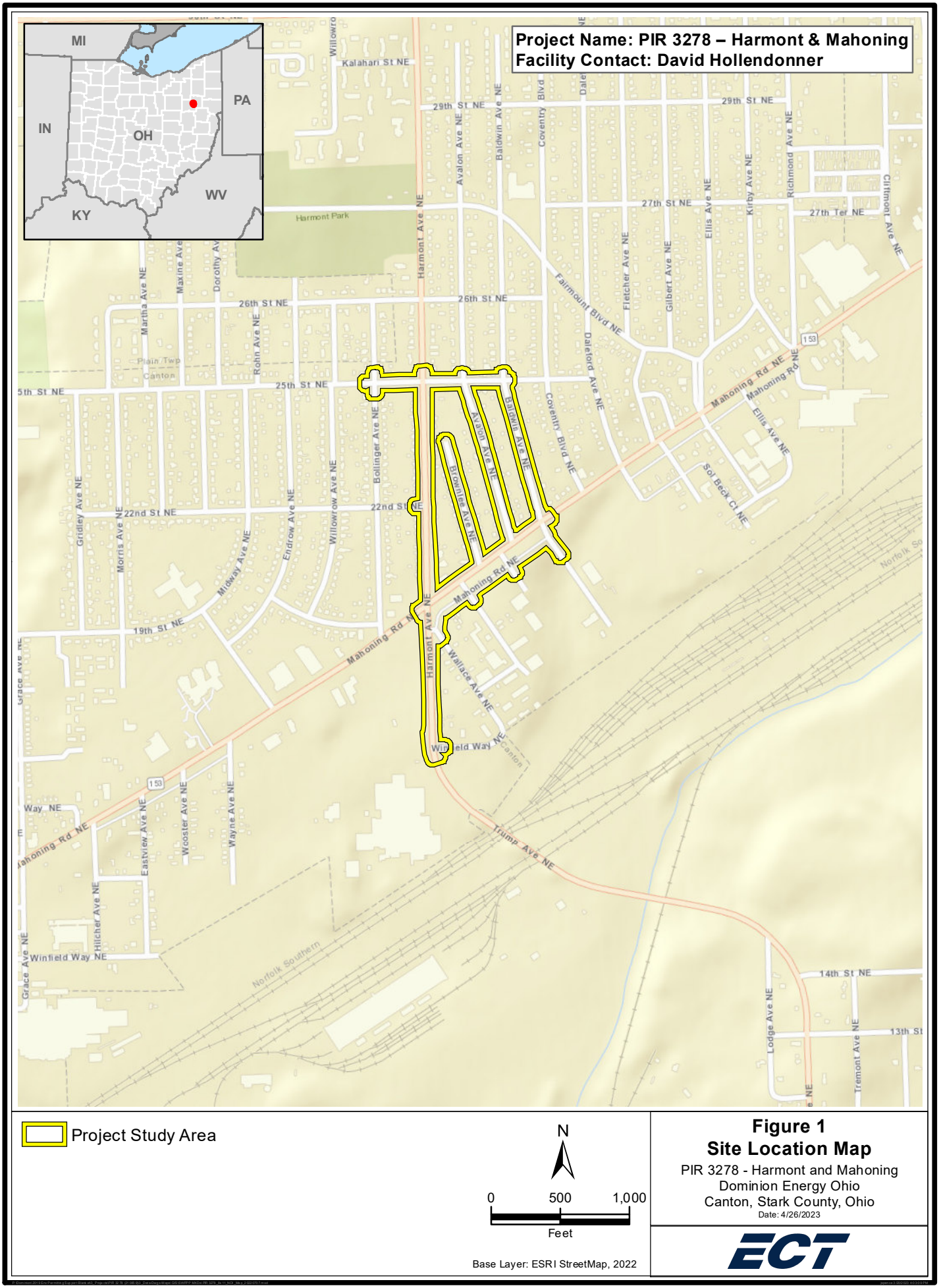



**Figure 1**
**Site Location Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 4/26/2023

ECT

# APPENDIX H

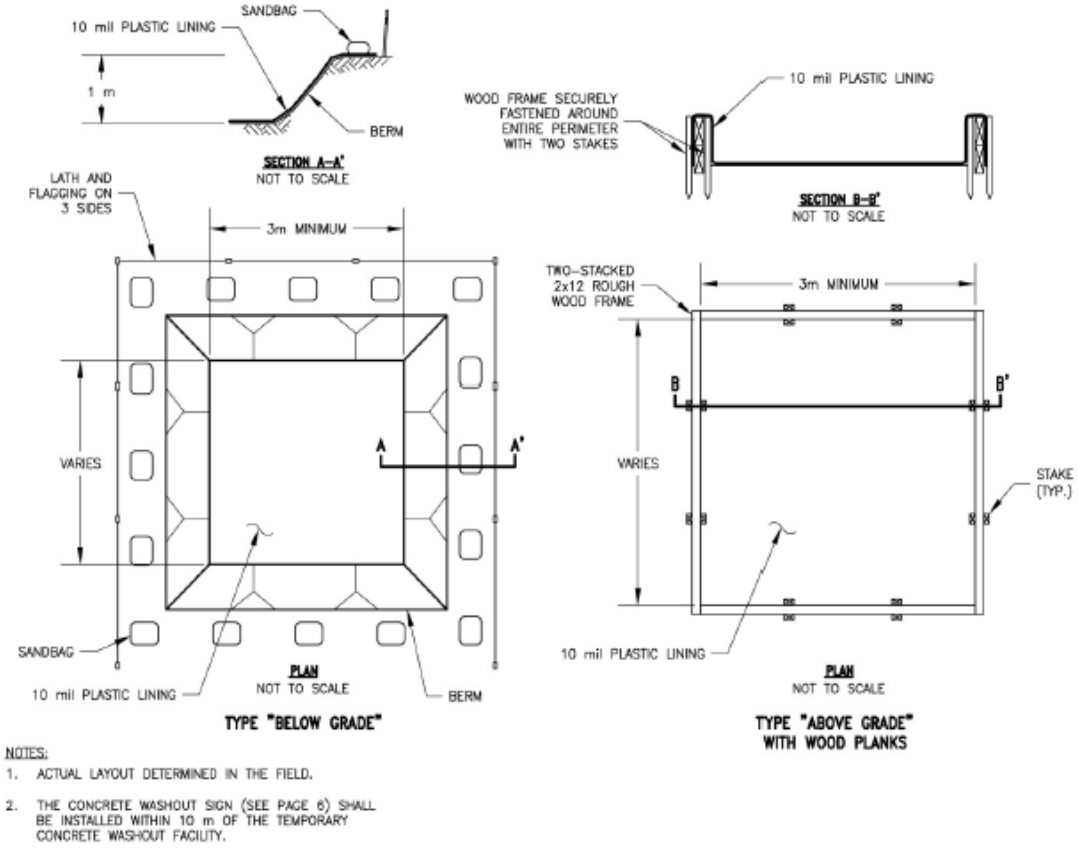
# Concrete Washout Typical Detail

# DETAIL H-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 6) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



Sign Examples

Photograph of the "ABOVE GRADE" concrete washout structure

* 1. Concrete washout location is subject to change and will be located by the contractor before construction begins.
2. Concrete washout will be installed away from wetlands and streams.
3. Proper removal and disposal of concrete washout material is required once the project is complete.

# APPENDIX I

# SWP3 Inspection Forms

# ECTS Checklist Guidance

## Checklist Title: SWP3 Inspection Form

## (For Dominion Energy Construction Projects with a SWP3)

THIS CHECKLIST IS TO BE COMPLETED BY AN ENVIRONMENTAL INSPECTOR (EI) CONTRACTED BY DOMINION ENERGY OR A DOMINION ENERGY 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.
    - 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 Energy Environment and Sustainability for Dominion Energy construction Sites
    - Other – List other applicable qualifications
  - **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 at least once every seven calendar days 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 at least once every seven (7) calendar days and after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled. Rainfall amounts will be determined by Dominion Energy 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 three 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 14 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 three 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@DominionEnergy.com

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

Date of Last Revision: July 2020

## OHIO SWP3 INSPECTION FORM

Site Name: Date:

Environmental Inspection Company:
Environmental Inspector:

| | | | |
|---|---|---|---|
| Qualifications: | Completed 8-HR Stormwater Management During Construction Course | Y | N |
| | CESSWI | Y | N |
| | Dominion SWP3 Training | Y | N |
| | Other:_____ | | |

Inspector Signature:

**Weekly** **Monthly**

**Routine Inspection** **Precipitation Event >0.5-inch** **Other** _____
*(circle all applicable)*

**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: Waterbar RCE: Rock Construction Entrance ECM: Erosion Control Matting FS: Filter Sock

Date: Site:

**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**

**ATTACHMENT G**

STARK COUNTY SOIL & WATER CONSERVATION DISTRICT COORDINATION

Dominion Energy Services, Inc.
320 Springside Drive, Suite 320
Akron, Ohio 44333
DominionEnergy.com

September 25, 2023

**BY UPS**

Sarah Matheny, Storm Water Manager
Stark County Soil & Water Conservation District
2650 Richville Drive SE, Suite 100
Massillon, Ohio 44646

**RE: The East Ohio Gas Company, Pipeline Infrastructure Replacement Program**
**Stark County Stormwater Management Application**
**PIR 3278 – Harmont & Mahoning**

Dear Ms. Matheny:

The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), requests review of the following information associated with the Pipeline Infrastructure Replacement (PIR) project, PIR 3278 – Harmont & Mahoning. DEO is proposing to replace natural gas pipeline under the PIR Program. The purpose of the program is to replace existing pipe to ensure the safety and reliability of pipeline operations. Additionally, replacement of a Metering and Regulation (M&R) station may be conducted, concurrently, as part of this project.

The PIR 3278 project is located in the city of Canton along Harmont Avenue NE, Mahoning Road NE, Baldwin Avenue NE, Avalon Avenue NE, Brownlee Avenue, and 25th Steet NE. The following documents are enclosed for your review:

- Stark County Soil and Water Conservation District (SWCD) Storm Water Pollution Prevention Plan (SWP3) Checklist (Attachment 1) – one (1) copy
- PIR 3278 SWP3 (Attachment 2) – one (1) copy
- Ohio EPA General Permit OHC000006 Authorization Letter (Attachment 3) – one (1) copy
- Check for $650.00 (review and inspection fee), made payable to Stark County Soil and Water Conservation District

DEO will hold a pre-construction meeting with the Stark County SWCD staff prior to earthwork activities. This meeting will be scheduled by DEO with Stark County SWCD office personnel, DEO, the contractor, and the DEO environmental inspector.

Your review and approval of this project is appreciated. Please forward your response to the attention of:

Greg Eastridge
Environmental Specialist
320 Springside Drive, Suite 320
Akron, Ohio 44333
gregory.k.eastridge@dominionenergy.com

If you have any questions, please contact Greg Eastridge at (330) 664-2576.

Sincerely,

Darrell R. Shier
Authorized Representative
Manager, Environmental Services

Enclosures

cc: Greg Eastridge
City of Canton Engineer (one [1] copy of submittal)
Administrator, City MS4 (one [1] copy of the SWPPP), 9/14/23
Administrator, County MS4 (one [1] copy of the SWPPP), 9/14/23

**NICK HARRISON**
**1001 DOM ENERGY FLEX**
DOMINION ENERGY
320 SPRINGSIDE DR
AKRON OH 44333

Commercial Convenience Check **592**

9/21/23
Date

68-1/510

Pay to the order of STARK COUNTY SOIL & WATER CONSERV. DIST. $ 650.00

SIX HUNDRED FIFTY & 00/100 Dollars

Security Features Details on Back

**Bank of America**
Bank of America, N.A.
Richmond, VA

Void after 60 days
For Deposit Only

PIR-3278

For MWO: 04058953

MP

⑆051000017⑆00551105211492⑈0592

Harland Clarke

# Attachment 1

# Stark County SWCD SWP3 Checklist

STARK SOIL & WATER

2650 Richville Dr. SE., Suite 100, Massillon, OH 44646 • (330) 451-SOIL (7645) • info@starkswcd.org

# STORM WATER POLLUTION PREVENTION PLAN (SWP3) CHECKLIST

If a site will disturb 1 acre of land as defined by clearing, grading, grubbing, excavation, demolition, timbering, filling and off-site borrow areas, or is part of a larger common plan of development or sale an SWP3 must be submitted to this office for review and approval prior to disturbance. (v4)

**Project Name:** PIR 3278 - Harmont & Mahoning **Phase:** _____

**Project Type:** ☐ Commercial ☐ Condo ☐ Demo ☐ Government
☐ Industrial ☐ Recreational ☐ Redevelopment ☐ Residential
☐ Roadway ☑ Utility ☐ Other: _____

**Total Acres:** 1.8* **Disturbed Acres:** 1.8 **NPDES NOI #:** 3GC13343*AG

**Location (Township / Village / City):** City of Canton **Parcel #:** _____

**Does this site Discharge into an MS4 System:** ☒ *YES* ☐ *NO* **MS4 Operator:** City of Canton, Stark County

**Watershed (HUC ):** East Branch Nimishillen Creek (HUC12 #05040001 0502)

**Latitude:** 40.818280° **Longitude:** -81.327916°

**Prior Land Use:** residential, industrial, institutional **Imperviousness % (Pre / Post):** _____/_____

*Site area and disturbance area are generally the same for linear utility projects

## Owner / Developer

**Company:** The East Ohio Gas Company, d/b/a Dominion Energy Ohio
**Contact:** Greg Eastridge (for Zachary Goodson)
**Address:** 320 Springside Drive, Suite 320
Akron, OH 44333
**Tel #:** (330) 664-2576, M: (330) 571-7855
**Email:** gregory.k.eastridge@dominionenergy.com

## Engineer

**Company:** The East Ohio Gas Company, d/b/a Dominion Energy Ohio
**Contact:** David Hollendonner
**Address:** 320 Springside Drive, Suite 320
Akron, OH 44333
**Tel #:** (330) 664-2677, M: (330) 203-2169
**Email:** david.hollendonner@dominionenergy.com

## Contractor

**Company:** TBD
**Contact:** _____
**Address:** _____
_____
**Tel #:** _____
**Email:** _____

## Earthwork Contractor / Other

**Company:** TBD
**Contact:** _____
**Address:** _____
_____
**Tel #:** _____
**Email:** _____

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 2

## Additional Site Information

**Site Entrance / Street Name:**

## Geographical Coordinates

| | Latitude (Decimal Degree) | | Longitude (Decimal Degree) |
|---|---|---|---|
| **Post Construction WQ Practice #1** | N | W | |
| Selected PC BMP \| Watershed to in Acres: | (PC BMP) | | (Acres) |
| **Post Construction WQ Practice #2** | N | W | |
| Selected PC BMP \| Watershed to in Acres: | (PC BMP) | | (Acres) |
| **Post Construction WQ Practice #3** | N | W | |
| Selected PC BMP \| Watershed to in Acres: | (PC BMP) | | (Acres) |
| **Post Construction WQ Practice #4** | N | W | |
| Selected PC BMP \| Watershed to in Acres: | (PC BMP) | | (Acres) |

| | | | |
|---|---|---|---|
| **Storm Water Outfall to MS4** | N | W | |
| **Storm Water Outfall to MS4** | N | W | |
| **Storm Water Outfall to MS4** | N | W | |

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
## PAGE 3

**Are there jurisdictional wetlands or streams on the site that will be impacted or disturbed?**

**☑ NO ☐ YES If yes, please attach copy of delineation and letter from USACE or OEPA**

**List all permits obtained for this project:**

## Certification Sheet

**The Owner of this project and/or undersigned, do hereby covenant and agree to comply with all of the laws of the State of Ohio and the regulations of Stark County, pertaining to earthwork (including erosion / sediment control & water quality requirements per The Stark County Storm Water Quality Regulation) and the said construction will be in accordance with plans and specifications submitted herewith and certify that the information and statements given on the application are true.**

### Applicant / Permittee

Zachary Goodson
Print Name

Zachary R. Goodson
Signature

The East Ohio Gas Company, d/b/a Dominion Energy Ohio
Organization / Company

(330) 664-2576 (Greg Eastridge, Contact)
Telephone / Cell

gregoy.k.eastridge@dominionenergy.com (Contact)
Email Address

9-19-2023
Date

STARK SOIL & WATER
2650 Richville Dr. SE., Suite 100, Massillon, OH 44646 • (330) 451-SOIL (7645) • info@starkswcd.org

# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST

# PAGE 4

## Summary of Storm Water Management Basin Calculations

**Normal Water Surface Elevation:** **(Leave Blank if Dry Basin is being used)**

| Year Storm Design Frequency | Water Quality | 2 | 5 | 10 | 10 – During Construction | 25 | 50 | 100 |
|---|---|---|---|---|---|---|---|---|
| Pre-Developed Peak Flow (CFS) | N/A | | | | | | | |
| Post-Development Uncontrolled Peak Flow (CFS) | N/A | | | | | | | |
| Post-Development Peak Flow from Basin (CFS) | | | | | | | | |
| Design Peak Water Elevation (Feet) | | | | | | | | |
| Design Storage Volume Required (CF) | | | | | | | | |
| | | | | | | | | |
| As-Constructed Peak Flow from Basin (CFS) | | | | | | | | |
| As-Constructed Peak Water Elevation (Feet) | | | | | | | | |
| As-Constructed Storage Volume Provided (CF) | | | | | | | | |

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 5

## Fee Schedule

### Review Fees

| Review Type | Fee |
|---|---|
| Preliminary Reviews | $20.00 / Disturbed Acre<br>Minimum charge - $100.00 |
| Storm Water Pollution Prevention Plan (SWPPP or SWP3) | $30.00 / Disturbed Acre<br>Minimum charge - $150.00 |
| *A Revised SWP3 submitted for review after plan approval will be re-billed at $25.00 per disturbed acre with a $125.00 minimum. | |

### Inspection Fees

Active Sites within the MS4 Operator's jurisdiction are inspected on a bi-monthly basis for compliance. Sites outside of the MS4 Operator's jurisdiction will be inspected on a monthly basis for compliance.

| Disturbed Acres | Fees |
|---|---|
| Sites 1 to 4.9 Acres Disturbed | $500.00 |
| Sites 5 to 9.9 Acres Disturbed | $1000.00 |
| Sites 10 to 19.9 Acres Disturbed | $1500.00 |
| Sites 20 to 49.9 Acres Disturbed | $2000.00 |
| Sites Larger than 50 Acres Disturbed | $2500.00 |

Sites to be found in ***non-compliance*** of the Stark County Storm Water Regulations may be charged $250.00 per violation. This will be for each area of the regulations, not each violation.

Example: Silt fencing not in place in multiple areas would be one violation. Silt Fencing not in place and off-site discharge would be two (2) separate violations.

## Submittal Requirements

- This completed checklist (pages 1 – 4)
- One full set of Digital construction plans (pdf) sized to 11x17, which includes SWP3
- One draft of the Long Term Maintenance Plan / Agreement
- The Storm Water Management Report w/ WQ Calculations (hard copy or pdf)
  - Pre/Post Drainage Maps
  - All required calculations per OEPA GCP (OHC000005) for WQv Determination (New, Redevelopment, Combined, etc.).

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 6

## Submittal Requirements Continued

- **As-Built drawings of any Post Construction WQ Feature**
- **Ohio Environmental Protection Agency NPDES NOI Permit – Approval Letter**
  - **Copy of Submitted Application with proof of payment will allow for approval**
  - **Approval Letter will be required prior to scheduling of Pre-Construction Meeting**
- **Wetland Delineation Report (if required)**
  - **Proof of Compliance:**
    - **Ohio Environmental Protection Agency**
      - **Section 401 of the Clean Water Act – Approval Letter**
    - **US Army Corps of Engineers**
      - **Section 404 of the Clean Water Act – Approval Letter**
    - **Qualified Professional / Consultant**
      - **Letter Certifying that survey has been completed and coverage is not applicable.**
- **Copy of SWP3 Inspection Report (On-Site Report)**
  - **This will be one completed by contractor or other responsible party on weekly basis and after ½ inch rainfall events.**
- **Letter of Variance for Water Quality Orifices smaller than 2 inches in diameter (Stark County Storm Water Quality Regulation – Section IV.C.2) (if needed)**
  - **This should be addressed to the Storm Water Manager and state the specific variances sought and the reasons with supporting data for their granting (i,e. per Ohio EPAs GCP requirements for Water Quality Volume and Drain Times).**

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 7

## Submitted Plans must include:

☐ **Fees –** All review/inspection fees must be paid prior to approval. The chart on page #5 is separated into Plan Review fees and Inspection fees. If your plan was submitted to the Stark County Regional Planning Commission, a preliminary fee will be charged.

☐ **Site Description –** The cover page should include name and contact information for site operators and SWP3 authorization agents.

☐ **Contractor Information**- Contact information of the contractor who will be responsible for implementing (*installing & removing practices*) the SWP3 Plan and write the inspection reports. NOTE: If the contractor is unknown at the time of plan review the information will be required before a pre-construction meeting is scheduled.

☐ **Vicinity Map** – Location map showing site in relation to surrounding area. Include Location of receiving streams/surface waters

☐ **Limits of Clearing and Grading Plan** – Clearly indicate limits and show acreage of earth disturbing activity. Show borrow, spoil and topsoil stockpile areas (both onsite and off-site locations). Include before and after contours with appropriate contour intervals. Delineate drainage watersheds, indicating acreage of each area.

☐ **Project Description** – Briefly describe the nature, purpose and scope of the land disturbing activity. Include total area of site and acreage's of individual phases if applicable. Include a narrative describing the overall erosion and sediment control scheme for this site.

☐ **Soils Information** – Show unstable or highly erodible soils as determined by the USDA Natural Resource Conservation Service Soil Survey websoilsurvey.nrcs.usda.gov and/or soil tests. Show location of any soil test borings on plan. Other soils information such as permeability, perched water table, etc. may be mentioned.

☐ **Surface Water Locations** – Show locations of all lakes, ponds, surface drainage patterns, wetlands, spring, etc. on or within 1000 feet of the site. If storm water will be discharging into a municipal separate storm sewer system or into a storm water management structure such as a retention basin that is off the site, clearly indicate this on the plans.

☐ **Site Development** – Show locations of all existing and proposed buildings, roads, Utilities, parking facilities, etc.

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST

# PAGE 8

☐ **Schedule of Construction Activity & Sequencing** – Included in this should be a schedule for implementing temporary and permanent erosion and sediment control practices and storm water management facilities. The first item within should state "Contact Stark Soil & Water Conservation District to schedule a Pre-Construction Meeting at (330) 451-7645 prior to any earth moving activity". Include when the project will begin and its proposed completion. Note any major activities (site grading). The NPDES permit requires that all sediment ponds and perimeter barriers be constructed within 7 days of first grubbing. All sediment control structures must remain functional until upland areas are stabilized. Provide phased approach if possible to minimize land disturbing activity.

☐ **Location of Practices** – Show locations of all structural erosion and sediment control, storm water management, and water quality practices, including post-construction best management practices. Water ponding facilities should be drawn to scale, with the area of the contributing watershed given. This should include the following: Silt Fencing / Sock (12"), inlet protection, stabilized construction entrance(s), concrete washout facility, and any other temporary or permanent BMP within the site.

☐ **Detail Drawings** – All practices should be explained with the detail drawings & specifications. Installation specifications are necessary to aid the contractor. Include outlet structures for retention, detention facilities, cross sections and any special modifications to these structures to aid in improved sediment trapping capability. All BMP's indicated on the SWPPP must have a detail and installation requirements and location called out within the plan sheet.

☐ **Land Stabilization Measures** – Provide specifications for temporary and permanent seeding, mulching, blanketing, etc. and also installation schedule for each practice. Temporarily stabilize disturbed areas that will remain idle for 14 days or longer within 7 days of last disturbance or within 2 days for areas within 50' of a stream. Permanently stabilize disturbed areas within 7 days of reaching final grade. Erosion control blankets and matting should be used to stabilize channels where the flow velocity is greater than **3.5 ft./sec.**, steep slopes, on highly erosive soils and on areas slow to establish a vegetative cover.

| **Permanent Stabilization** | |
|---|---|
| **Area requiring permanent stabilization** | **Time frame to apply erosion controls** |
| Any areas that will lie dormant for one year or more | Within seven days of the most recent disturbance |
| Any areas within 50 feet of a surface water of the state and at final grade | Within two days of reaching final grade |
| Any other areas at final grade | Within seven days of reaching final grade within that area |

| **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 days of the most recent disturbance if the area will remain idle for more than 14 days |
| For all construction activities, any disturbed areas that will be dormant for more than 14 days but less than one year, and not within 50 feet of a surface water of the state | Within seven days of the most recent disturbance within the area<br><br>For residential subdivisions, disturbed areas must be stabilized at least seven 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 |

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST

## PAGE 9

- ☐ **Special Notes for Critical Areas** – Include pertinent information regarding stream bank stabilization, riparian corridors, buffer areas, stream restoration plans, and wetland areas.

- ☐ **Existing Natural Areas** – Show existing or unusual vegetation, wetlands, springs, rock outcroppings, etc. Include vegetation to remain (trees, buffer areas, etc.). Provide extent & description of wetlands or aquatic sites being disturbed or receiving discharge(s). Call out any instream crossings that will take place as part of this project.

- ☐ **Maintenance and Inspections** – Provide notes and information regarding maintenance of each practice to assure continued performance. Erosion and sediment control must be inspected once every 7 days and with 24 hours of 0.5" or greater rainfall. A written log of these inspections must become part of the SWPPP. This log should indicate the dates of inspection, inspector weather conditions, observations, actions taken to correct problems, and the date action was taken. These logs (reports) must be kept on site with the SWPPP.

- ☐ **Permits** – A copy of the Ohio EPA's NPDES NOI Permit must be submitted before approval can be given. You may obtain additional information, copies of the permit and current forms / instruction from the EPA's website at http://epa.ohio.gov/dsw/storm/index.aspx. These may also be found within our website at https://www.starkswcd.org/urban-services. Sites that will impact wetlands or streams will need to submit approval letters from either Ohio EPA (401) or US ACE (404).

- ☐ **Storm Water Runoff Considerations and Post-Construction BMPs** Large and Small sites– Show the pre and post-construction runoff coefficients including information such as the method used to calculate runoff and the water quality orifice (if applicable). Reference the Stark County Storm Water Quality Regulations for further water quality design requirements. If the site is a redevelopment site, indicate how this was determined. Include a narrative describing post construction storm water quality BMP's. The plan must describe the post construction BMPs used for the site and the rational for their selection. If the site is exempt from providing water quality treatment post construction, cite the exemption on the plan. Provide the pre & post impervious areas for the project. If the site is considered a small construction site (1 to 1.9 acres) explain the water quality practice chosen and why. A separate long term maintenance plan is also required (as indicated on this check list). Show the locations of all storm water quality practices. Include vegetation to remain (trees, buffer areas, etc.). Storm Water quantity approvals must be received by the reviewing agency (city engineer, sub-division engineer, village engineer).
    - **NOTE**: All practices for large construction sites (2 acres and above) must be selected from either Table 4a or 4b within the Ohio EPA Permit No. OHC000005. Any alternative BMPs will need approved by OEPA.

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 10

☐ **Sediment Ponds or Traps** – Calculations must be shown for all temporary or permanent sediment ponds or traps and any retention/detention facilities to be used for this purpose. A surface dewatering devise shall be used. The minimum total design volume for ponds used for the purpose of trapping sediment shall have 2 components, the dewatering zone and the sediment storage zone. The volume of the dewatering zone shall be a minimum of 1800 cubic feet (67 cubic yards) per acre of total drainage area to the pond. The volume of the sediment storage zone shall be 1000 cubic feet (37 cubic yards) per disturbed acre within the watershed of the basin. (Note: for design information see the Ohio Rainwater & land Development Manual or OEPA Construction General Permit). Don't forget the minimum length to width ratio from the inlet into the basin to the outlet (3:1 preferred).

☐ **Solid, Sanitary, Construction and other Waste Material** – Waste material must be disposed of in a proper manner in accordance with local, state, and federal regulations. It is prohibited to burn, bury or pour out onto the ground or into the storm sewers any solvents, paints, stains, gasoline, diesel fuel, used motor oil, hydraulic fluid, and antifreeze, cement curing compounds and other such toxic or hazardous wastes. Show the location and description of any storm water discharges associated with dedicated asphalt and dedicated concrete plants covered by this permit and the best management practices to address pollutants in these storm water discharges. Wash out of cement trucks should occur in a diked, designated area where the washings can collect and be disposed of properly when they harden. Storage tanks should be located in diked areas away from any drainage channels. Show the location of all construction entrances. Show lay down areas and areas designated for storage of supplies, fuel, paints & dumpsters.

☐ **Plan Certification** – The plan must include the following verbiage: "*I, the undersigned, 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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.*" This statement must be dated and signed by all applicable parties with indication of what activity they are responsible for.

☐ **Transportation Projects-** The construction of new roads and roadway improvement projects by public entities (i.e., the state, counties, townships, cities, or villages) may implement *post-construction* BMPs in compliance with the most current version of the Ohio Department of Transportation's "Location and Design Manual, Volume Two Drainage Design" that has been accepted by Ohio EPA as an alternative to the conditions of the OEPA Construction General Permit (most current version OHC000005). The Storm Water Pollution Prevention Plan must contain all items as listed in PART III. Storm Water Pollution Prevention Plan (SWP3) in the most current Construction General Permit.

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 11

**Long Term Maintenance Plan** – Detail drawings and maintenance plans shall be provided to Stark SWCD and/or the local MS4 Operator for all Post-Construction Best Management Practices (BMP's) prior to plan approval and shall include the following information:

- Cover sheet listing MS4 Operator, site location, site name and date (signed and dated).
- Name, telephone number and email address of the party or association responsible for post construction long term maintenance (the association must be legally recorded).
- List of all post-construction BMP's, structural and non-structural with all supporting design data needed to maintain the practice correctly.
- Instructions on how and when the practices are to be maintained along with an inspection schedule. (routine and non-routine maintenance)
- A detail drawing of the BMP's listed.
- A copy of any required easements.

    - **Note (Subdivisions)** – The responsible party will be required to submit new cover sheet signed and dated by responsible party of HOA at time of transfer. This office will then meet with representative to discuss what responsibilities are required. At conclusion of meeting, transfer of long term maintenance will be approved.

**Maintenance plans must ensure that pollutants collected within structural Post-Construction BMP practices are disposed of in accordance with local, state and federal guidelines.**

## Guidance Documents

- Stark County Storm Water Quality Regulations – www.starkswcd.org
- Rain Water & Land Development Manual - http://epa.ohio.gov/dsw/storm/technical_guidance.aspx
- Ohio EPA's Small MS4 Permit – http://epa.ohio.gov/portals/35/permits/SmallMS4_Final_GP_sep14.pdf
- Ohio EPA's Construction General Permit - https://epa.ohio.gov/portals/35/permits/OHC000005/Final_OHC000005.pdf
- Urbanized Area Map – NE Ohio - https://www.google.com/maps/d/viewer?mid=16pFLSZ51kezX175jXL0raArM-tY
- Total Maximum Daily Load (TMDL) Guidance
    - Community Identifier - http://neohiostormwater.com/uploads/3/5/0/4/35043674/tmdl_community_identifier_table_final_nedo_20150422_cz.xlsx
    - TMDL Factsheets http://neohiostormwater.com/index.html
- NEO Storm Water Council – Maintaining Storm Water Control Measures Manual http://epa.ohio.gov/Portals/35/documents/SCM_OM_Manual_Final_7-30-15.pdf

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# STORM WATER POLLUTION PREVENTION PLAN CHECKLIST
# PAGE 12

## Faircloth Skimmer Checklist

- ☐ The minimum sediment storage volume is correctly calculated (1000 CF per acre disturbed area)
- ☐ The minimum dewatering volume is correctly calculated (67 CY per acre drainage area)

**Is the elevation that achieves the top of the sediment storage volume (bottom of the dewatering volume) higher than the outlet structure invert on which the skimmer will be attached?**

- ☐ No – OK (see note regarding winter months)
- ☐ Yes – a pedestal is provided with a top elevation that corresponds with the top elevation of the required sediment storage volume (bottom of the dewatering volume). NOTE: if the skimmer will remain operational in winter months, the pedestal should be slightly higher so as to maintain positive slope on the barrel at all times).

**Based on the on-line spreadsheets found at http://www.fairclothskimmer.com/skimmer-sizing**

- ☐ Proposed skimmer size is based on the minimum required dewatering volume (any extra volume that is provided is acceptable, but should not be figured into sizing the skimmer)
- ☐ Proposed skimmer size and orifice is correct (based on a minimum 48-hr drawdown)

**Based on the following table:**

- ☐ Correct barrel length is specified
- ☐ Correct stub size is specified on the outlet structure (reducers may be specified)

| Skimmer Size (Faircloth) | Arm Length – SCHD 40 PVC (1.4X the depth of the dewatering volume is recommended) | Coupling size included (stub size that should be provided on outlet structure) |
|---|---|---|
| 1.5” | 6-ft MAXIMUM | 4” |
| 2” | 6-ft MINIMUM | 4” |
| 2.5” | 6-ft MINIMUM | 4” |
| 3” | 8-ft MINIMUM | 4” |
| 4” | 8-ft MINIMUM | 4” |
| 5” | 8-ft MINIMUM | 6” |
| 6” | 8-ft MINIMUM | 6” |
| 8” | 8-ft MINIMUM | 8” |

- ☐ A detail is provided that includes sufficient notes regarding installation, maintenance, disposal and removal criteria

**All Items within SWP3 must satisfy OEPA requirements per NPDES GCP #OHC000005**

**Attachment 2**

**SWP3**

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

**The East Ohio Gas Company, d/b/a Dominion Energy Ohio**
**Stormwater Pollution Prevention Plan (SWP3)**

**PIR 3278 – Harmont & Mahoning**
**City of Canton, Stark County, Ohio**

**Planned Construction Start Date: January 2024**

**Planned Construction Completion Date: July 2024**

**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, 2023**
**Prepared by: Environmental Consulting & Technology, Inc.**

# DULY AUTHORIZED

## OPERATOR/PERMITEE CERTIFICATION

I certify that the positions named below are my duly authorized representatives for the Ohio EPA General Construction Stormwater Permits (Ohio NPDES General Permit OHC000006 or General Permit for Storm Water Discharges Associated with Construction Activity from Oil and Gas Linear Transmission Line and Gathering Line Installation OHCG00001) for Discharges of Stormwater from Construction Activities. I certify that these positions named below and defined within the corresponding SWPPP are my duly authorized representatives to have overall responsibilities sufficient to implement the SWPPP, amend or modify the SWPPP, and sign all required reports as assigned.

I also certify that the positions named below are my duly authorized representatives for the Ohio EPA General Permit Authorization to Discharge Hydrostatic Test Water (Ohio NPDES General Permit OHH000004). These individuals are my duly authorized representatives to sign all required reports or other information that may be requested by the Ohio EPA Director.

"Facilities Project Manager, Owner
Project Engineer
Environmental Compliance Coordinator
Supervisor Environmental
Qualified Inspection Personnel"

Signature 

Printed Name Zachary R. Goodson

Title Director - Gas operations

Date 5-4-2023

This Operator Certification must be signed by a responsible corporate officer or delegated authority.

# DULY AUTHORIZED

## OPERATOR/PERMITEE CERTIFICATION

I certify that the positions named below are my duly authorized representatives for the Ohio EPA General Construction Stormwater Permits (Ohio NPDES General Permit OHC000006 or General Permit for Storm Water Discharges Associated with Construction Activity from Oil and Gas Linear Transmission Line and Gathering Line Installation OHCG00001) for Discharges of Stormwater from Construction Activities. I certify that these positions named below and defined within the corresponding SWPPP are my duly authorized representatives to have overall responsibilities sufficient to implement the SWPPP, amend or modify the SWPPP, and sign all required reports as assigned.

I also certify that the positions named below are my duly authorized representatives for the Ohio EPA General Permit Authorization to Discharge Hydrostatic Test Water (Ohio NPDES General Permit OHH000004). These individuals are my duly authorized representatives to sign all required reports or other information that may be requested by the Ohio EPA Director.

"Facilities Project Manager, Owner
Project Engineer
Environmental Compliance Coordinator
Supervisor Environmental
Qualified Inspection Personnel"

Signature George K. Smith

Printed Name George K. Smith

Title Director Gas Operations

Date 5-10-23

This Operator Certification must be signed by a responsible corporate officer or delegated authority.

## CERTIFICATIONS

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

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 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 under penalty of law that I have reviewed this document, any attachments, and the SWP3 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 this SWP3, if approved, makes the above-described construction activity subject to the Ohio NPDES General Permit, and that certain activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations and for failure to comply with these permit requirements.

_____
Primary Contractor Name

_____

_____
Primary Contractor Address

_____ _____
Signature Date

_____
Printed Name

_____
Title

_____
Subcontractor Name

_____

_____
Subcontractor Address

_____ _____
Signature Date

_____
Printed Name

_____
Title

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

**THE EAST OHIO GAS COMPANY, d/b/a DOMINION ENERGY OHIO**
**PIR 3278 – Harmont & Mahoning**
**City of Canton, Stark County, Ohio**

## TABLE OF CONTENTS

**SECTION** **Page**

## LIST OF TABLES



## LIST OF APPENDICES

## LIST OF DEFINITIONS

| | |
|---|---|
| BMP | Best Management Practice |
| C&DD | Construction and Demolition Debris |
| CWA | Clean Water Act |
| Director | Director of the Ohio Environmental Protection Agency |
| E&S | Erosion and Sediment |
| EPA | Environmental Protection Agency |
| General Permit | General Permit for Stormwater Discharges Associated with Construction Activities Under the National Pollutant Discharge Elimination System Permit No. OHC000006, effective April 23, 2023, expires April 22, 2028. |
| HUC | 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 |
| 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 |

## EXECUTIVE SUMMARY

The purpose of this Stormwater Pollution Prevention Plan (SWP3) is to present procedures that will 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, d/b/a Dominion Energy Ohio (Dominion Energy), Pipeline Infrastructure Replacement (PIR) project, PIR 3278 – Harmont & Mahoning (Project), located in the City of Canton, Stark County, Ohio. The procedures developed in this plan must be implemented throughout the duration of the Project.

Dominion Energy will be responsible for the development, implementation, and enforcement of this plan. Dominion Energy 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 OHC000006; 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 construction activity that enter surface waters of the State or a storm drain leading to surface waters of the State. Construction activities include any clearing, grading, excavating, grubbing and/or filling activities that disturb one (1) 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 OHC000006 (effective April 23, 2023 and expires April 22, 2028 (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 Energy 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.

## 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 Dominion Energy and Environmental Consulting & Technology, Inc.

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 Energy must provide a copy of this SWP3 within seven (7) 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 Energy must make documents available to the public upon request or provide a copy at public expense, at cost, in a timely manner. However, Dominion Energy 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 Energy at any time that the SWP3 does not meet one (1) 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 Energy 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 Energy 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 Energy 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 Energy 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 at the beginning of this document.

## 2.1 SITE/PROJECT DESCRIPTION AND LOCATION/SETTING

Dominion Energy is proposing to install approximately 8,050 feet of replacement natural gas pipeline (six [6]-, eight [8]-inch, and 12-inch diameter) and conduct any necessary abandonment activities under Dominion Energy's PIR Program. The purpose of this Project is to replace existing pipe to ensure the safety and reliability of pipeline operations. Additionally, replacement of a Metering and Regulation (M&R) station may be conducted, concurrently, as part of this project.

The PIR 3278 Project is located in the City of Canton, Stark County along Harmont Avenue NE, Mahoning Road NE, Baldwin Avenue NE, Avalon Avenue NE, Brownlee Avenue, and 25th Steet NE At intersections with no proposed mainline replacement, small portions of pipeline may be installed to "tie in" the new pipeline to existing pipelines. Along any portions of abandoned pipeline, small areas of excavation may occur to allow the line to be purged and cut and capped. Service lines to individual structures may also be replaced as part of this Project. The need for any laydown and/or material storage areas will be determined by the selected construction contractor. The Project area is easily accessible from public roads.

The M&R station is located east of Baldwin Avenue NE (south of the Mahoning Road NE) and consists of an existing small building in a graveled area. To replace the station, DEO would demolish the existing building and install a small cabinet on a concrete pad, in the same location, which would contain the new station piping. Should the M&R replacement work be conducted separately from this project (i.e., before pipeline replacement begins or after active replacement activities), DEO will consider the M&R work as an independent project; apart from the PIR 3278 project, for which this SWP3 is prepared.

The scope of work is to install and abandon sections of natural gas pipeline and potential replacement of an M&R station; no other utilities will be constructed. The construction of other buildings, roads, or parking facilities, is not included in the scope of work. Disturbance within the Project area will be minimized as much as possible. The area reviewed for the Project is approximately 36.5 acres in size. Approximately 1.8 acres will be temporarily disturbed due to excavation, filling, grading, and installation of erosion control measures. The 1.8 acres will be disturbed in phases.

The Project area is located in residential, commercial, and industrial land within the Tuscarawas

River drainage basin (Hydrological Unite Code [HUC] 05040001). The Project area has undulating elevations. No streams or wetlands are located within the Project area.

The maps included in **Appendix A** depict the location of the Project on a roadway map, U.S. Geological Survey Topographic Map, and a watershed map.

## 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 located within the Project include Canfield-Urban land complex, 2 to 6 percent slopes (CeB), and Chili-Urban land complex, undulating (CuB). A copy of the Soil Survey for the Project and a table identifying the soil types and characteristics (drainage capacity, depth to water table, K factor rating, etc.) are provided in **Appendix B**.

## 2.4 STEEP SLOPES

The project area does not exhibit steep/critical slopes.

## 2.5 PRIOR LAND USES

Prior land uses for the Project site includes residential, commercial, and industrial land.

## 2.6 RECEIVING STREAMS OR SURFACE WATERS

The Project is located within the East Branch Nimishillen Creek subwatershed (HUC12 #05040001 0502) of the Nimishillen Creek watershed (HUC10 05040001 05), within the greater Tuscarawas River watershed (HUC8 05040001). The first named receiving stream for project is East Branch Nimishillen Creek, located 0.3 mile southeast of the Project area. East Branch Nimishillen Creek is a tributary of Nimishillen Creek which flows south into Sandy Creek. Sandy Creek is a tributary to the Tuscarawas River which drains into the Muskingum River which drains south into the Ohio River. A map depicting where the Project is located within a watershed setting is included in **Appendix A**. Any rivers, streams, wetlands, and any significant ponds or ditches crossed by the Project have been included on the maps in **Appendix C**.

The Ohio EPA conducts periodic surveys to collect water quality data on Ohio's streams and rivers. The data are incorporated into the Ohio Integrated Water Quality Monitoring and Assessment Report. The watershed monitoring data closest to the project area indicates that East Branch

Nimishillen Creek at Canton at Harmont Avenue is in non-attainment for Aquatic Life Use. The Watershed Assessment indicates that the watershed, as a whole, is impaired for recreational use and aquatic life. The water is utilized for drinking water supply.

The project area is located in the City of Canton and Stark County which both hold a MS4 Stormwater Permit (3GQ00072*DG and 3GQ00120*DG respectively). Dedicated asphalt and/or concrete batch plant discharges covered by the NPDES construction stormwater General Permit are not applicable to this Project.

## 2.7 IMPLEMENTATION SCHEDULE

A general implementation schedule providing the sequence of major construction operations is provided below. Construction activities are expected to be initiated and completed in 2024. The specific start date will be determined by the receipt of all applicable permits and the selected construction contractors' schedule. The completion date may be affected by weather conditions. 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 (To be determined by the contractor)**

- Mobilization.
- Survey and stake existing pipeline and limits of construction.
- Flag/field mark wetland 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 (To be determined by the 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 (To be determined by the contractor)**

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

**4 - RESTORATION (To be determined by the contractor)**

- Restore grade to preconstruction contours and install permanent runoff controls, where needed.
- Installation of concrete washout (if required)
- 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

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

- Removal of concrete washout and disposal of washout material
- Monitor adequacy of erosion control practices.
- Remove temporary erosion and sediment controls and runoff controls once 70 percent uniform vegetative growth is achieved.
- Submit Notice of Termination.

## 2.8 SITE MAPPING

The scope of this project is to install new or replacement natural gas pipeline and as applicable, conduct activities associated with pipeline abandonment. Additionally, replacement of a Metering and Regulation (M&R) station may be conducted, concurrently, as part of this project. No other utilities, buildings, roads, or parking facilities will be constructed.

Project site location maps are provided in **Appendix A**. The Soil Survey map for the Project is provided in **Appendix B**. 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, relation to existing buildings and roads, the location of all erosion and sediment control measures, and areas designated for disposal and storage. The site drawing checklist and logs are included in **Appendix D**. Typical erosion and sediment control drawings for all sediment

and erosion controls practices are also included in **Appendix F**.

# 3.0 CONTROLS

To the extent practicable, the locations of temporary and permanent stormwater BMPs to be implemented for the Project site are shown on the drawings 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 (in **Appendix A, B,** and/or **C**, as appropriate) at that time. The construction contractor will complete the "Site Drawing Checklist" (**Appendix D**) verifying the inclusion of these features.] The BMPs will be implemented in accordance with the Typical Drawings provided in **Appendix F**. 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 6, 2014.

## 3.1 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 fifty (50) feet measured from the ordinary high water mark of the surface water.

Disturbance within the project area will be minimized as much as possible. The area reviewed for the Project is approximately 6.5 acres. Of this, only 1.8 acres will be impacted.

Separation of the topsoil from the subsoil will generally be performed at residential properties. The backfill material returned to the excavation will consist of the same material removed from the excavation, to the extent practicable.

## 3.2 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 likely employed for the Project include: phased disturbance, tree preservation, dust control, mulching, topsoiling, temporary seeding, permanent seeding, and sodding. Erosion Control Measures will be in accordance with the Rainwater and Land Development Manual. Typical drawings for these erosion control measures are provided in **Appendix F**.

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 seventy (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 **Tables 1** and **2** below and in accordance with the site layout maps and detail sheets provided in **Appendix C**.

*Table 1: Permanent Stabilization*

| Area Requiring Permanent Stabilization | Time Frame to Apply Erosion Controls (Stabilization) |
|---|---|
| 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 (Stabilization) |
|---|---|
| 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.<br><br>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. |

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 Preservation: Tree 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.

## 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. Runoff control methods likely implemented for this Project include dewatering measures. Runoff control measures will be in accordance with Chapter 4 and 5 of the Rainwater and Land Development Manual.

Dewatering Measures. Dewatering consists of providing an area for receiving and treating surface runoff and groundwater pumped from excavation or work areas prior to being released off the site, such as desilting basins or sediment traps. For project areas without these detention features, dewatering typically consists of the use of filter devices (e.g. filter bags) to treat and release water removed from excavation. Filter bags should discharge to an upland location if possible. These practices reduce sediment impacts to downstream water resources.

## 3.4 SURFACE WATER PROTECTION

No wetlands or streams are located within or immediately adjacent to the Project area.

## 3.5 SEDIMENT CONTROL PRACTICES

All Project activities will occur within the areas indicated on site drawings in **Appendix C**. All Sediment Control Devices will match those indicated on the mapping in **Appendix C**. Minor adjustments to control devices (type, location, etc.) deemed necessary to maintain compliance can be made on the project mapping. 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" **(Appendix D)** will be completed, verifying the inclusion of these features or minor adjustments. 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 1.8 acres. Sediment Control Practices must treat 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, among others: silt fence, storm drain inlet protection, and filter socks. 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 OHC000006. Dominion Energy 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 Energy.

Timing. Sediment control structures must be present, as indicated or otherwise deemed to be necessary, and 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.

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. Maximum drainage area and slopes must be considered when determining the appropriateness of silt fence. 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 F** (for additional information on proper installation procedures.

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 or more acres will require a sediment settling pond.

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 Energy must replace or modify the control for site conditions.

## 3.6 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.

## 3.7 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 Energy.

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 materials to be used on-site. Containers must be covered, as required, and not leaking. All waste material must be disposed of at facilities approved by the Ohio EPA for that material. Ensure storage time frames are not exceeded.

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 Energy.

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 accumulative aboveground storage of 1,320 gallons or more, or 42,000 gallons of underground storage.

No detergent may be used to wash vehicles. Wash waters will be treated in a sediment basin or alternative control which provides equivalent treatment prior to discharge.

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 sump or wash 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. Concrete washout details are located in **Appendix H**. The location for concrete washout will be determined in the field as necessary.

Spill Reporting Requirements. In the event of a spill of a regulated or hazardous material, immediately contact the Dominion Energy ECC assigned to the site or Project. The Dominion Energy ECC (if Dominion Energy ECC not available, other Dominion Energy 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 handling[1]. 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

[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 ECC assigned to the site or project for advice.

construction/demolition debris landfill) which has been approved by Dominion Energy.

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

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, etc., will require specific Ohio EPA Air Permits for installation and operation. Dominion Energy 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 Energy 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 an Dominion Energy 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 Energy will acquire the PTI or Dominion Energy 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 they 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 Energy approved facility.

## 3.8 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 after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled. Rainfall amounts will be determined by Dominion Energy 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.

## 3.9 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 Energy personnel or a designated representative at least once every seven (7) calendar days and after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled.

- 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 Energy will obtain the waiver at the request of the contractor.

- Once a definable area has reached final stabilization as defined in Section 3.2 Erosion Control Practices, the area must be marked on the SWP3 and no further inspection requirements apply to that portion of the site.

- A Dominion Energy or a 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 inspection form and checklist is provided in **Appendix I**. The record and certification must be signed in accordance with Ohio Permit OHC000006.

- 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 Energy must provide justification for rejecting each practice based on site conditions. Dominion Energy may request approval from Ohio EPA and any other applicable regulatory authority to use alternative methods if Dominion Energy 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 OHC000006.

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

# APPENDIX A

# Site Location Maps


Project Study Area

N

0 350 700

Feet

Sources: ECT, 2022; ESRI, 2022

**Appendix A - Figure 1**
**Site Location**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

Project Study Area

N

0 350 700

Feet

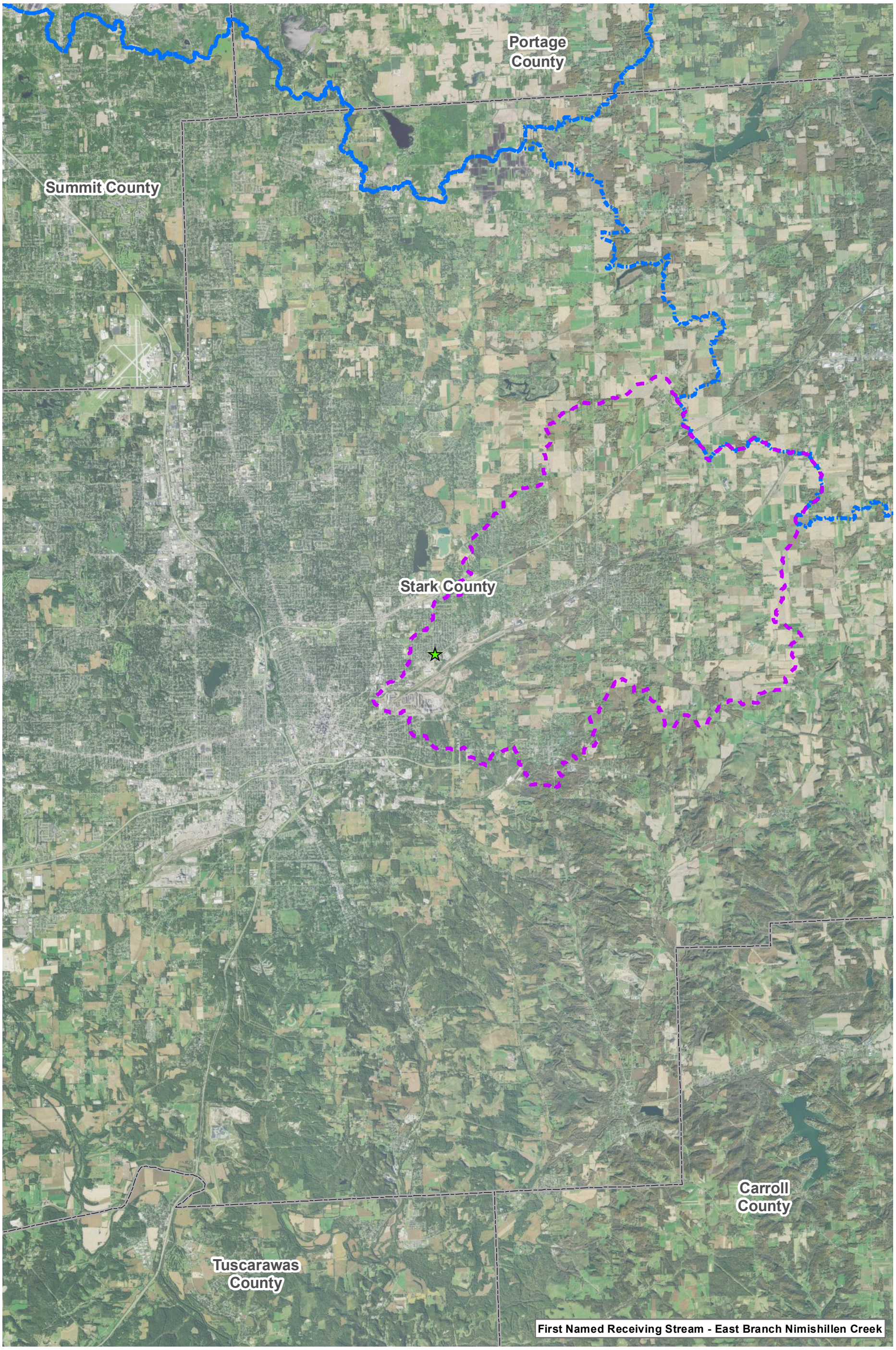
Sources: US TopoMaps Canton East Quadrangle

**Appendix A - Figure 2**
**USGS Topographic**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area - Approx. Location
HUC 12 - East Branch Nimishillen Creek
HUC 8 - Tuscarawas
County Boundaries

N

0 1.25 2.5
Miles

Sources: USGS NAIP Aerial

**Appendix A - Figure 3**
**Watershed Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 4/26/2023

ECT

# APPENDIX B

## Soil Map and Table

| Symbol | Description | Hydric Rating | Acreage* |
|---|---|---|---|
| CeB | Canfield-Urban land complex, 2 to 6 percent slopes | Nonhydric | 22.47 |
| CuB | Chili-Urban land complex, undulating | Nonhydric | 1.83 |
| | | Total | 24.30 |
| *Note: Acreage is rounded to the nearest 100th acre | | | |

Project Study Area
Soils (NRCS)
Non-Hydric Soils

N

0 150 300
Feet

Sources: OSIP 2016

**Appendix B - Figure 1**
**NRCS Soil Survey Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 3/20/2023

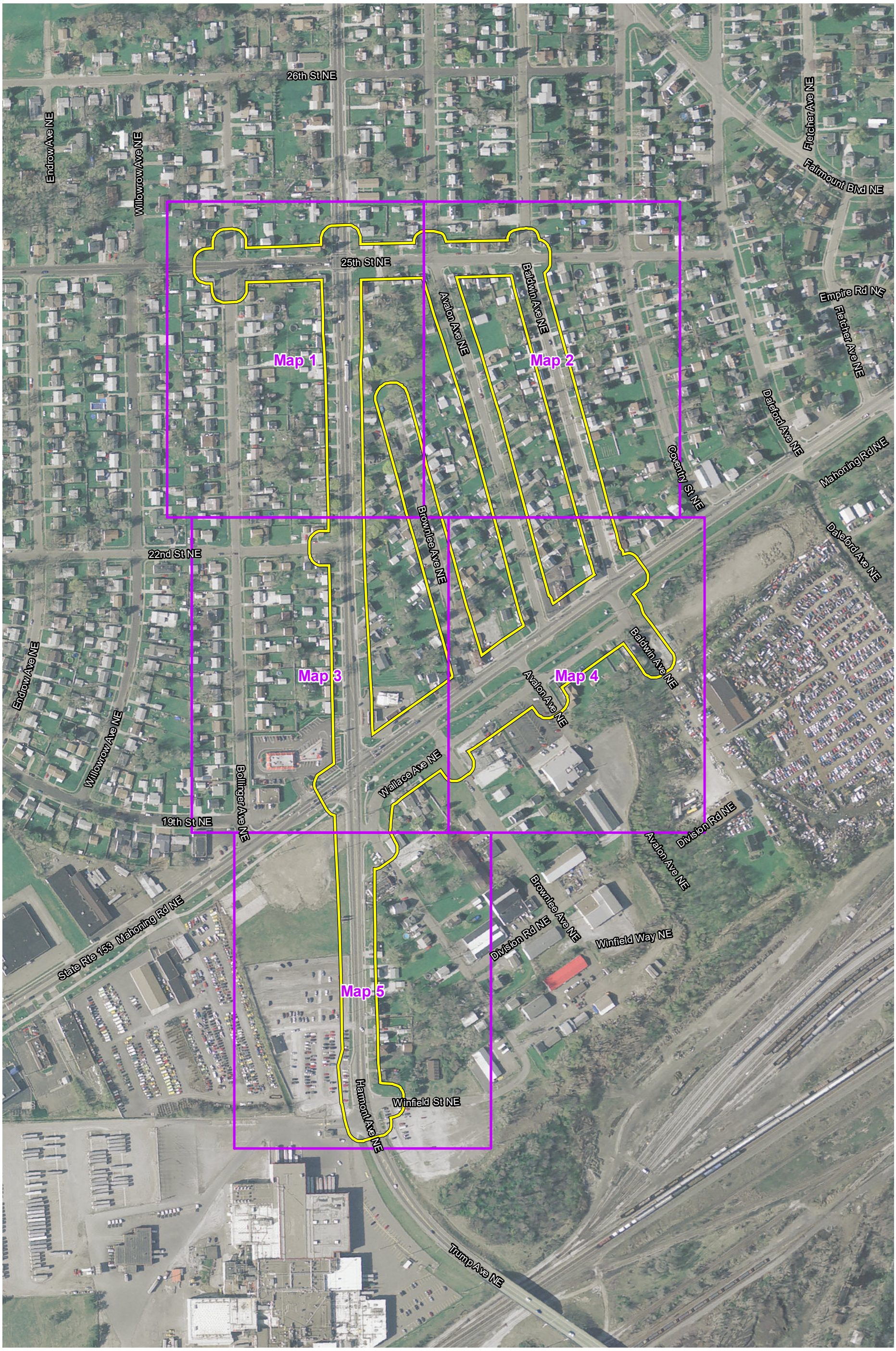
ECT

***Appendix B - Soil Types and Descriptions***

| Soil Type | Map Symbol | Slope | Material | Drainage Class | Location | Depth to Water Table (centimeters) | Depth to Restrictive Feature (centimeters) | K Factor, Whole Soil (Erosibility) |
|---|---|---|---|---|---|---|---|---|
| Canfield-Urban land complex, 2 to 6 percent slopes | CeB | 4% | Till | Moderately well drained | Till plains / Summit, Till plains / Shoulder | 38 | 66 | 0.37 |
| Chili-Urban land complex, undulating | CuB | 3% | Outwash | Well drained | Terraces | >200 | >200 | 0.43 |

# APPENDIX C

# Detailed Erosion and Sediment Control Location Drawings




Project Study Area

Map Pages

N

0 150 300

Feet

Sources: OSIP 2016

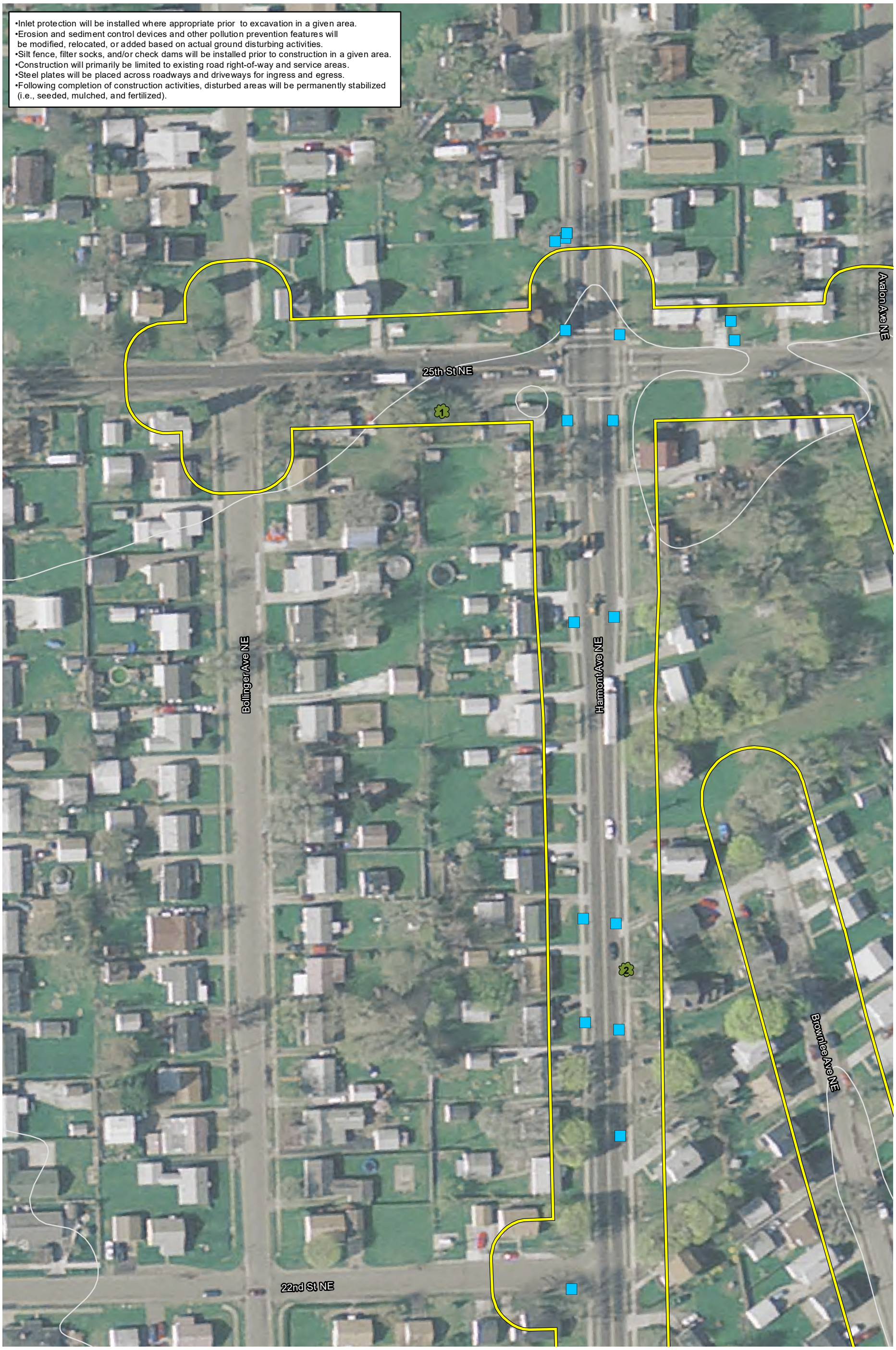
**Appendix C - Figure 1**
**Erosion and Sediment Control Map Book**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 4/26/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
•Steel plates will be placed across roadways and driveways for ingress and egress.
•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).




Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 1 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
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•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).


Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 2 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

•Inlet protection will be installed where appropriate prior to excavation in a given area.
•Erosion and sediment control devices and other pollution prevention features will be modified, relocated, or added based on actual ground disturbing activities.
•Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
•Construction will primarily be limited to existing road right-of-way and service areas.
•Steel plates will be placed across roadways and driveways for ingress and egress.
•Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized).

22nd St NE
Brownlee Ave NE
Harmont Ave NE
Brownlee Ave NE
Wallace Ave NE
Mahoning Rd NE
State Rte 153
19th St NE
Bollinger Ave NE

Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N
0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 3 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT


**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 4 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT


Project Study Area
M&R Station
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
Culvert
Stormwater Inlet
Contours (10 ft)

N

0 50 100
Feet

Sources: OSIP 2016

**Appendix C - Figure 1**
**Erosion and Sediment Control**
**Map 5 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 6/23/2023

ECT

# APPENDIX D

# Site Drawing Checklist and Logs

## D-1 SITE DRAWING CHECKLIST **

- **Location of solid waste dumpsters**

- **Location designated for waste drums of oil soaked absorbent pads/rags; solids, sludge, or oil collected from pipeline**

- **Locations of sanitary facilities such as Port-a-Jons (update these locations on drawings as project progresses)**

- **Locations of diesel and gasoline storage tanks (secondary containment provided)**

- **Locations of pipe and equipment storage yards**

- **Locations of cement truck washout**

** ***These locations can be hand drawn on the site drawings.***

**SWPPP Amendment Log** D-2

**Project Name:** _____

**Construction Inspector:** _____

| Amendment Number | Description of Amendment | Date of Amendment | Amendment Prepared by (name and title) |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Grading and Stabilization Activities Log** D-3

**Project Name: Construction** _____

**Inspector:** _____

| Date Grading Activity Initiated | Description of Grading | Date Grading Activity Ceased (Indicate temporary or permanent) | Date when Stabilization Measures were Initiated | Description of Stabilization Measure and Location |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# APPENDIX E

# Corrective Action Log

**Dominion Construction Stormwater General Permit: Corrective Action Log**

**Project Name:**

**State-Specific Corrective Action Requirement*:**

**Positions Authorized to Document Corrective Action Completion:**

| Corrective Action # | Inspection Date | Inspector Name(s) | Description of Deficiency | Corrective Action Required | Date Corrective Action is Due* | Agency Notification Required? (Y/N) | Date Corrective Action Performed / Responsible Person |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

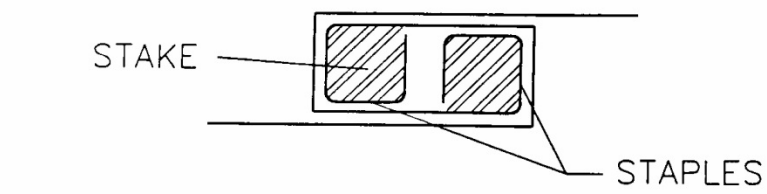
*Corrective action requirements/deadlines are state specific. Thus, refer to your construction stormwater permit. Should the project team not be able to meet the permit deadlines then the stormwater management program authority (e.g. state agency) must be notified.

# APPENDIX F

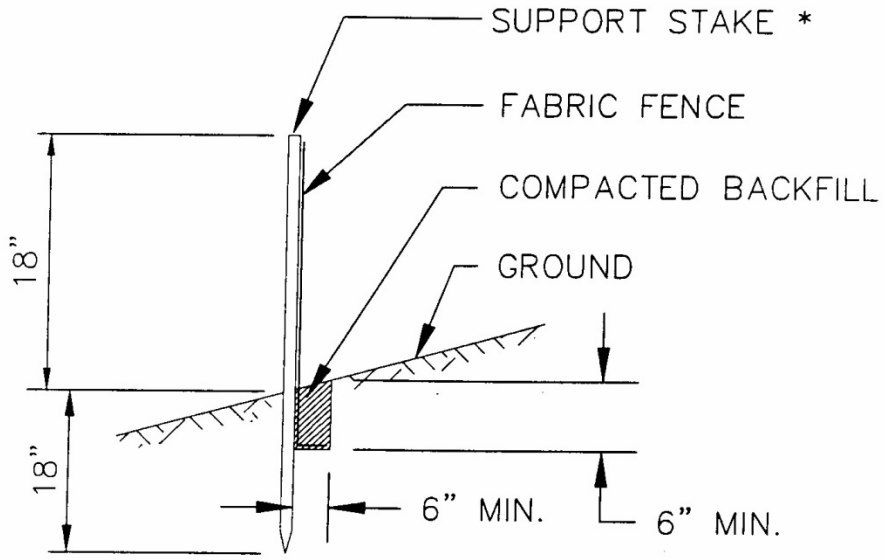
# Typical Upland Erosion and Sediment Control Plan Drawings

# DETAIL F-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.

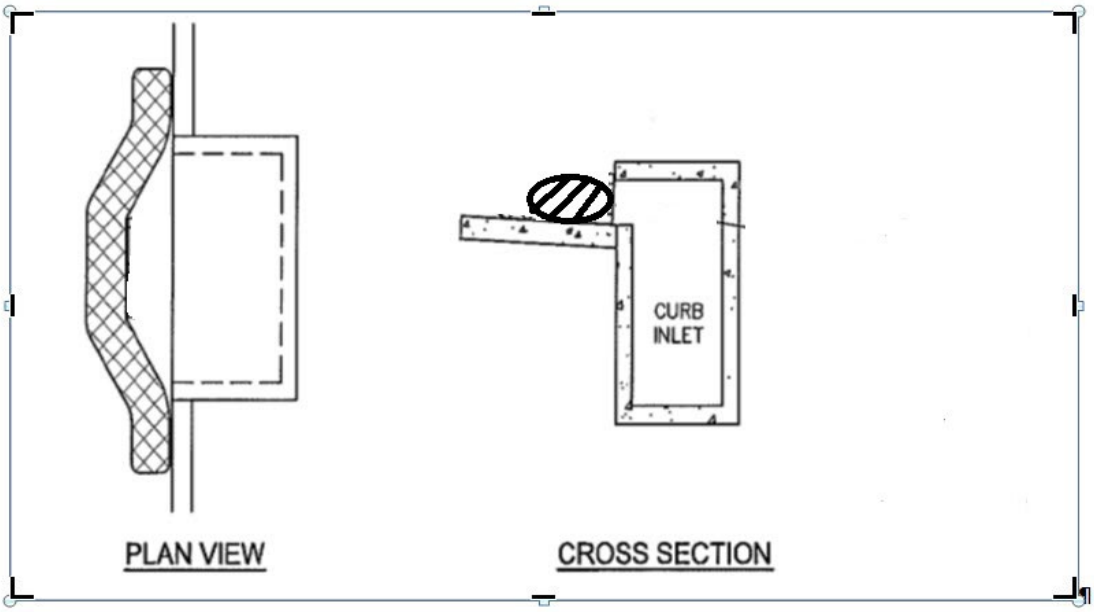
Trench shall be backfilled and compacted to prevent runoff from cutting underneath the fence.

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.

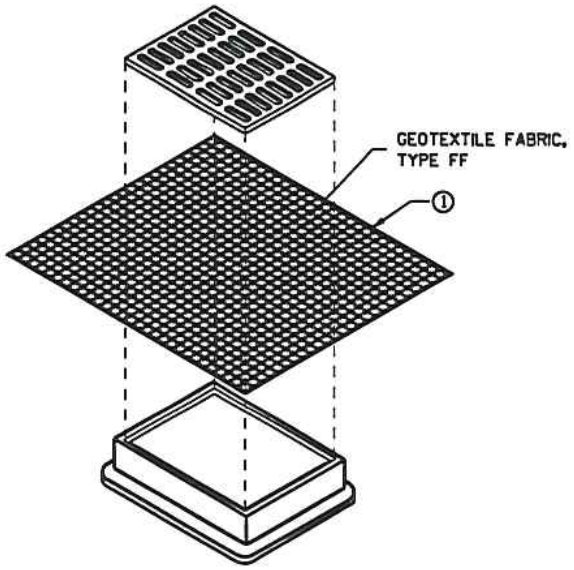
# DETAIL F-2A

**CURB INLET PROTECTION**

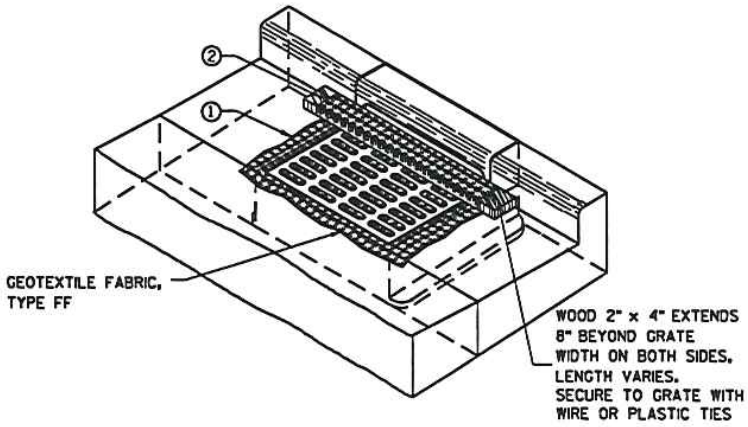


# DETAIL F-2B

## 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

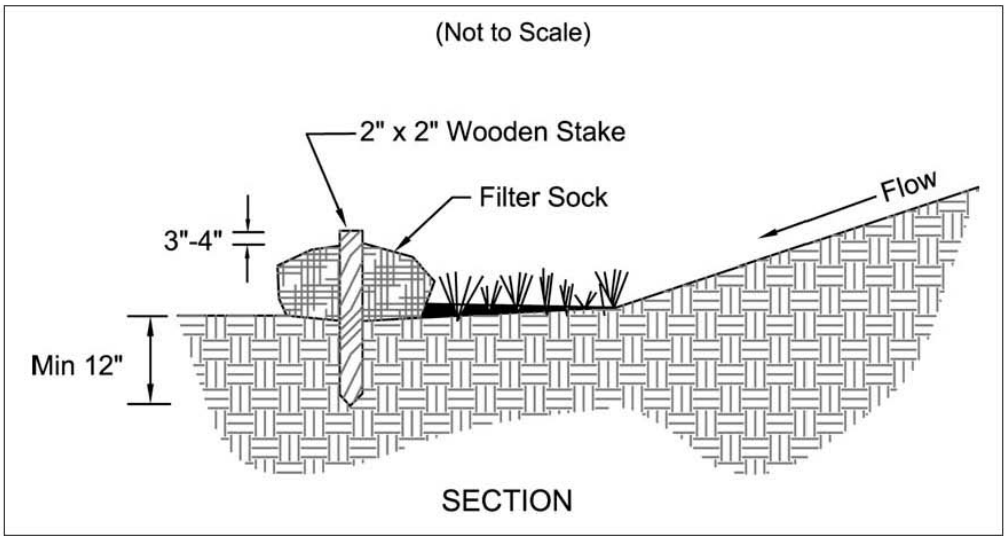
**TYPE B & C**

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 F-3

## 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 a 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.

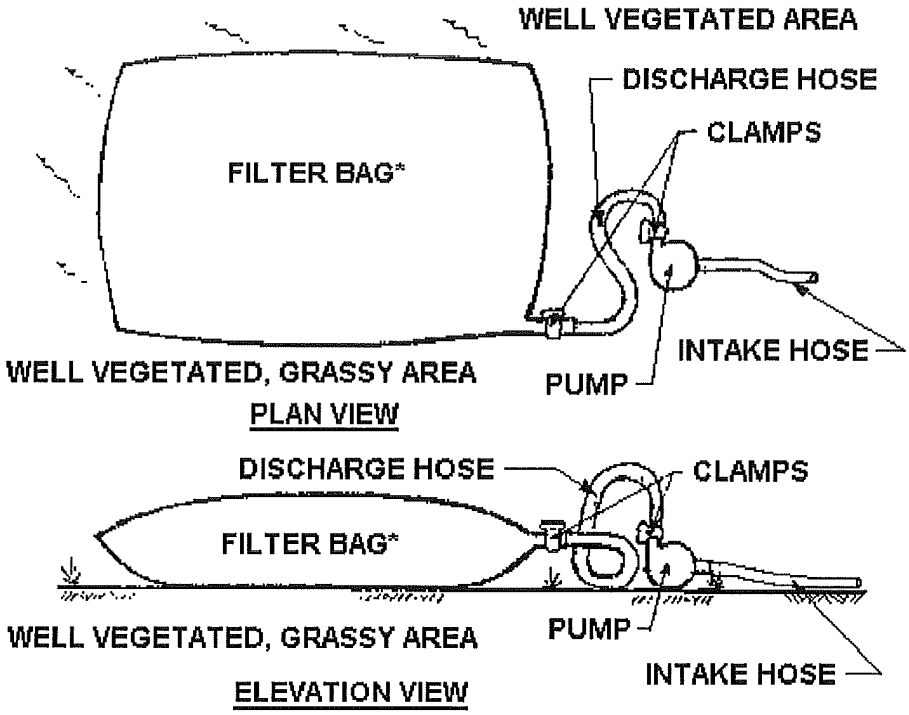
MAINTENANCE:

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 as way as to facilitate and not obstruct seedings.

Note: Filter socks may not require stakes if used in areas of little to no slope, for short duration, and/or for relatively small disturbances such as sidecast piles from service line tie-ins.

# DETAIL F-4

## PUMPED WATER FILTER BAG DETAIL




Filter bags shall be made from non-woven geotextile material sewn with high strength, double stiched "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.

# APPENDIX G

# NOI Application Documentation

# 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 Co d/b/a Dominion Energy Ohio

**Mailing (Applicant) Address Line:** 320 Springside Drive Suite 320

| **City:** Akron | **State :** OH | **Zip Code:** 44333 |
|---|---|---|

**Country:** USA

| **Contact Person:** Greg Eastridge | **Phone:** (330) 664-2576 | **Fax:** (330) 664-2669 |
|---|---|---|

**Contact E-mail Address:** gregory.k.eastridge@dominionenergy.com

## II. Facility/Site Location Information

**Facility/Site Name:** PIR 3278 - Harmont & Mahoning

**Facility Address:** Mahoning Road

| **City:** Canton | **State:** OH | **Zip Code:** 44705 |
|---|---|---|

| **County:** Stark | **Township:** Plain |
|---|---|

| **Facility Contact Person:** David Hollendonner | **Phone:** (330) 664-2677 | **Fax:** (330) 664-2691 |
|---|---|---|

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

| **Latitude:** 40.818282 | **Longitude:** -81.327916 | **Facility/Map Attachment** PIR3278_8x11_NOI_Map_20230426.pdf |
|---|---|---|

**Receiving Stream or MS4:** City of Canton MS4 (3GQ00072*DG), Stark County MS4 (3GQ00120*DG), East Branch Nimishillen Creek

## III. General Permit Information

| **General Permit Number:** OHC000005 | **Coverage Type:** New |
|---|---|
| **Type of Activity:** Construction Site Stormwater General Permit | **SIC Code(s):** |
| **Existing NPDES Facility Permit Number:** 3GC13343*AG | **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):** January 31, 2024 | | **Estimated Completion Date(if applicable):** July 31, 2024 |
| **Total Land Disturbance (Acres):** 1.8 | | **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:** |

**ADDITIONAL INFORMATION**

*Please add any additional comments or attachments below.*

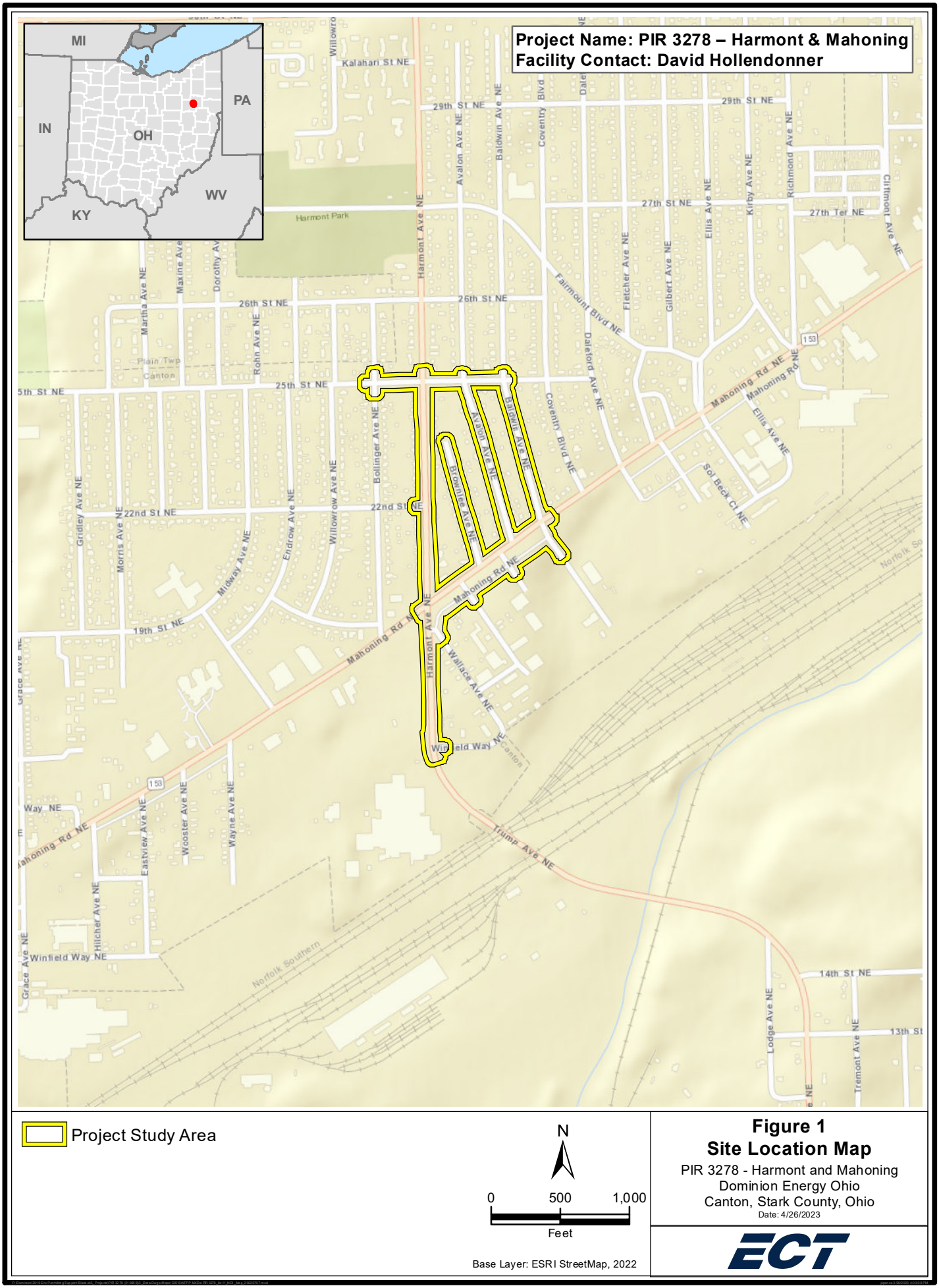



**Figure 1**
**Site Location Map**
PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 4/26/2023

ECT

# APPENDIX H

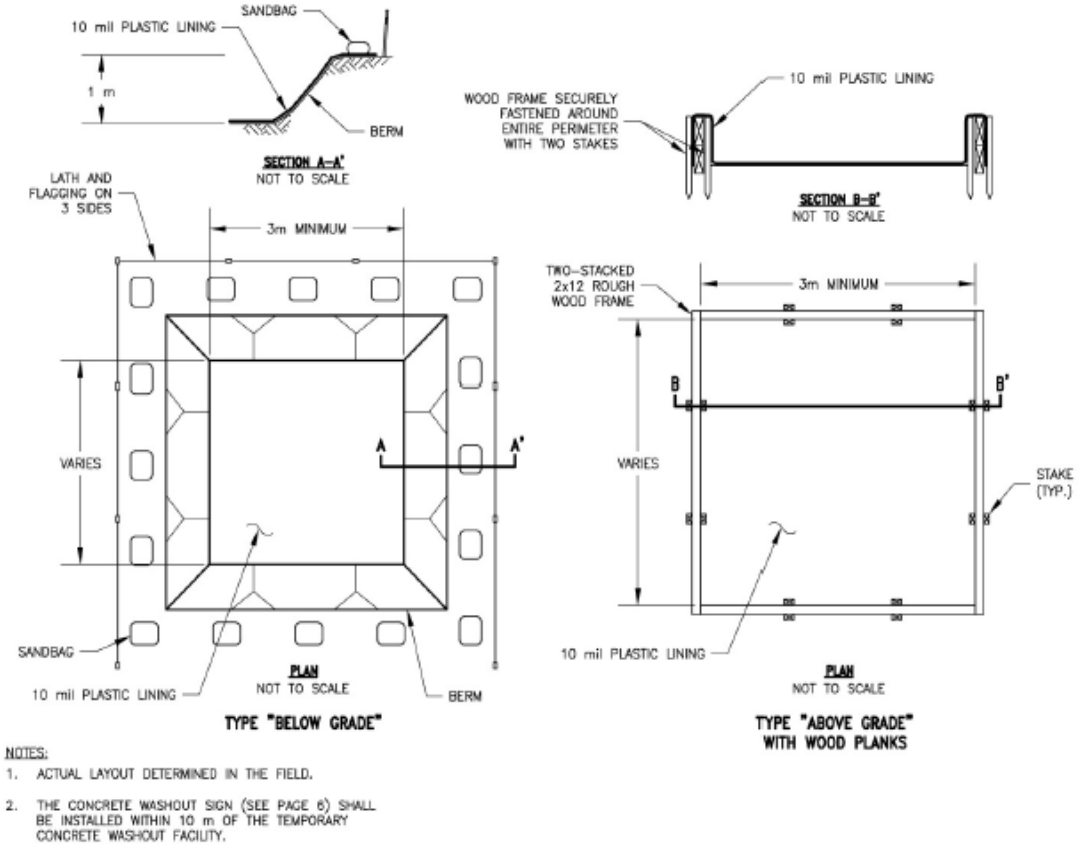
# Concrete Washout Typical Detail

# DETAIL H-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 6) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



Sign Examples

Photograph of the "ABOVE GRADE" concrete washout structure

* 1. Concrete washout location is subject to change and will be located by the contractor before construction begins.
2. Concrete washout will be installed away from wetlands and streams.
3. Proper removal and disposal of concrete washout material is required once the project is complete.

# APPENDIX I

# SWP3 Inspection Forms

# ECTS Checklist Guidance

## Checklist Title: SWP3 Inspection Form

## (For Dominion Energy Construction Projects with a SWP3)

THIS CHECKLIST IS TO BE COMPLETED BY AN ENVIRONMENTAL INSPECTOR (EI) CONTRACTED BY DOMINION ENERGY OR A DOMINION ENERGY 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.
    - 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 Energy Environment and Sustainability for Dominion Energy construction Sites
    - Other – List other applicable qualifications
  - **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 at least once every seven calendar days 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 at least once every seven (7) calendar days and after any storm event greater than one-half inch of rain per 24-hour period by the end of the next calendar day, excluding weekends and holidays, unless work is scheduled. Rainfall amounts will be determined by Dominion Energy 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 three 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 14 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 three 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@DominionEnergy.com

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

Date of Last Revision: July 2020

## OHIO SWP3 INSPECTION FORM

Site Name: Date:

Environmental Inspection Company:
Environmental Inspector:

| | | | |
|---|---|---|---|
| Qualifications: | Completed 8-HR Stormwater Management During Construction Course | Y | N |
| | CESSWI | Y | N |
| | Dominion SWP3 Training | Y | N |
| | Other:_____ | | |

Inspector Signature:

**Weekly** **Monthly**

**Routine Inspection** **Precipitation Event >0.5-inch** **Other** _____
*(circle all applicable)*

**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: Waterbar RCE: Rock Construction Entrance ECM: Erosion Control Matting FS: Filter Sock

Date: Site:

**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**

# Attachment 3

# Ohio EPA General Permit OHC000006 Authorization Letter

September 22, 2023

The East Ohio Gas Co d/b/a Dominion Energy Ohio
Greg Eastridge
320 Springside Drive
Suite 320
Akron OH 44333

Re: Approval Under Ohio EPA National Pollutant Discharge Elimination System (NPDES) – Construction Site Stormwater General Permit – OHC000005

Dear Applicant,

Your NPDES Notice of Intent (NOI) application is approved for the following facility/site. Please use your Ohio EPA Facility Permit Number in all future correspondence.

| | |
|---|---|
| **Facility Name:** | PIR 3278 - Harmont & Mahoning |
| **Facility Location:** | Mahoning Road |
| **City:** | Canton |
| **County:** | Stark |
| **Ohio EPA Facility Permit Number:** | 3GC13343*AG |
| **Permit Effective Date:** | September 22, 2023 |
| **Permit Expiration Date:** | April 22, 2023 |

Please read and review the permit carefully. The permit contains requirements and prohibitions with which you must comply. A copy of the general permit may be viewed or downloaded from here. Coverage under this permit will remain in effect until a renewal of the permit is issued by the Ohio EPA.

If more than one operator (defined in the permit) will be engaged at the site, each operator shall seek coverage under the general permit. Additional operator(s) shall submit a Co-Permittee NOI to be covered under this permit. There is no fee associated with the Co-Permittee NOI form.

Please be aware that this letter only authorizes discharges in accordance with the above referenced General Permit. The placement to fill into regulated waters of the state may require a 401 Water Quality Certification and/or Isolated Wetlands Permit from Ohio EPA. Failure to obtain the required permits in advance is a violation of Ohio Revised Code 6111 and potentially subjects you to enforcement and civil penalties.

If you need assistance or have questions, please call (614) 644-2001 and ask for Construction Site Stormwater General Permit support or visit our website at epa.ohio.gov.

Sincerely,

Anne M Vogel

Anne M. Vogel
Director

STARK SOIL & WATER CONSERVATION DISTRICT
2650 RICHVILLE DR SE, SUITE 100 * MASSILLON, OH 44646 * (330) 451-7645

# Approval Letter

**September 29, 2023**

Mr. Greg Eastridge
Dominion Energy Ohio
320 Springside Drive, Suite 320
Akron, Ohio 44333

Re: **DOM PIR 3278 – Harmont & Mahoning**
Parcel No. – Multiple
NPDES #3GC13343*AG
Project #2023-108
Plan Review-Approval

Dear Mr. Eastridge,

The Storm Water Pollution Prevention Plan (SWPPP) review set dated 9/11/2023 for the above-mentioned project received on 9/26/2023 have been reviewed and approved by our office. These documents will be used as a reference when inspecting this site during construction. Please ensure this letter remains on site during the construction process along with the approved NOI and approved set of plans.

1. **NOTE: The following items need to take place before or at the scheduled SWPPP pre-construction meeting ahead of earthwork:**

    a. Once selected, please supply the contact information of the contractor who will be responsible for implementing the SWPPP (installing & removing practices) and writing the inspection reports.

    b. If desired by the developer, the contractor will need Co-Permittee NOI coverage prior to the start of the project. Please provide a copy to our office once obtained.

    c. Signed and dated copies of the SWPPP Owner/Developer and Contractor Certification statements will need provided to our office either before or on the date of the pre-construction meeting.

2. A SWPPP pre-construction meeting is required before any earthmoving operations begin. Please contact our office at 330-451-7645 to schedule a time. *This may take place once all reviewing agencies have provided their approval to you.

3. If any alterations occur as a result of other review agency comments or during construction, please supply our office with the updated plan set. If this requires an additional review based on needed SWPPP modifications, please resubmit it with a letter explaining the changes that occurred to our office.

This approval shall remain valid for two (2) years from the date of this approval letter. An extension may be requested in writing before the termination of the two (2) years. If you have any questions, please contact me at 330-451-7647 or SEMatheny@starkcountyohio.gov.

Respectfully,

Sarah Matheny
Storm Water Manager

ec: David Hollendonner – Dominion Energy Ohio
Matt Bailey, A.K. Fullmer – Planning & Zoning, City of Canton
Chris Barnes, Corey Jones, Sam Norman – Engineering, City of Canton

**Stark Soil & Water Conservation District**
2650 Richville Dr SE, Ste 100
Massillon, OH 44646
(330) 451-7646
jsweedon@starkcountyohio.gov
www.starkswcd.org

# INVOICE

**INVOICE #** 2023-108
**DATE** 09/26/2023
**DUE DATE** 10/31/2023
**TERMS** 45 days

**BILL TO**
Dominion East Ohio Gas
Greg Eastridge
320 Springside Dr, Ste 320
Akron, OH 44333

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

**ACRES / COMMUNITY**
1.8/Canton City

**SITE NAME**
PIR 3278-Harmont & Mahoning

| ACTIVITY | QTY | RATE | AMOUNT |
|---|---|---|---|
| **SWPPP Reviews**<br>Storm Water Pollution Prevention Plan Review Fee ($30/acre - Minimum charge of $150.00) | 5 | 30.00 | 150.00 |
| **Site Inspection Fee:Site Inspection Fee - Sites 1 - 4.9 Acres**<br>Inspection of Sites 1 to 4.9 acres disturbed - flat fee charge | 1 | 500.00 | 500.00 |

PAID

Please remit payment to:
Stark SWCD
2650 Richville Dr SE, Ste 100
Massillon, OH 44646

PAYMENT 650.00
BALANCE DUE **$0.00**

# ATTACHMENT H
# OHIO ENVIRONMENTAL PROTECTION AGENCY NOI FOR GENERAL CONSTRUCTION STORMWATER PERMIT APPLICATION

Ohio Environmental Protection Agency

**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 Co d/b/a Dominion Energy Ohio

**Mailing (Applicant) Address Line:** 320 Springside Drive Suite 320

| **City:** Akron | **State :** OH | **Zip Code:** 44333 |
|---|---|---|

**Country:** USA

| **Contact Person:** Greg Eastridge | **Phone:** (330) 664-2576 | **Fax:** (330) 664-2669 |
|---|---|---|

**Contact E-mail Address:** gregory.k.eastridge@dominionenergy.com

## II. Facility/Site Location Information

**Facility/Site Name:** PIR 3278 - Harmont & Mahoning

**Facility Address:** Mahoning Road

| **City:** Canton | **State:** OH | **Zip Code:** 44705 |
|---|---|---|

| **County:** Stark | **Township:** Plain |
|---|---|

| **Facility Contact Person:** David Hollendonner | **Phone:** (330) 664-2677 | **Fax:** (330) 664-2691 |
|---|---|---|

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

| **Latitude:** 40.818282 | **Longitude:** -81.327916 | **Facility/Map Attachment** PIR3278_8x11_NOI_Map_20230426.pdf |
|---|---|---|

**Receiving Stream or MS4:** City of Canton MS4 (3GQ00072*DG), Stark County MS4 (3GQ00120*DG), East Branch Nimishillen Creek

## III. General Permit Information

| **General Permit Number:** OHC000005 | **Coverage Type:** New |
|---|---|
| **Type of Activity:** Construction Site Stormwater General Permit | **SIC Code(s):** |
| **Existing NPDES Facility Permit Number:** 3GC13343*AG | **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** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

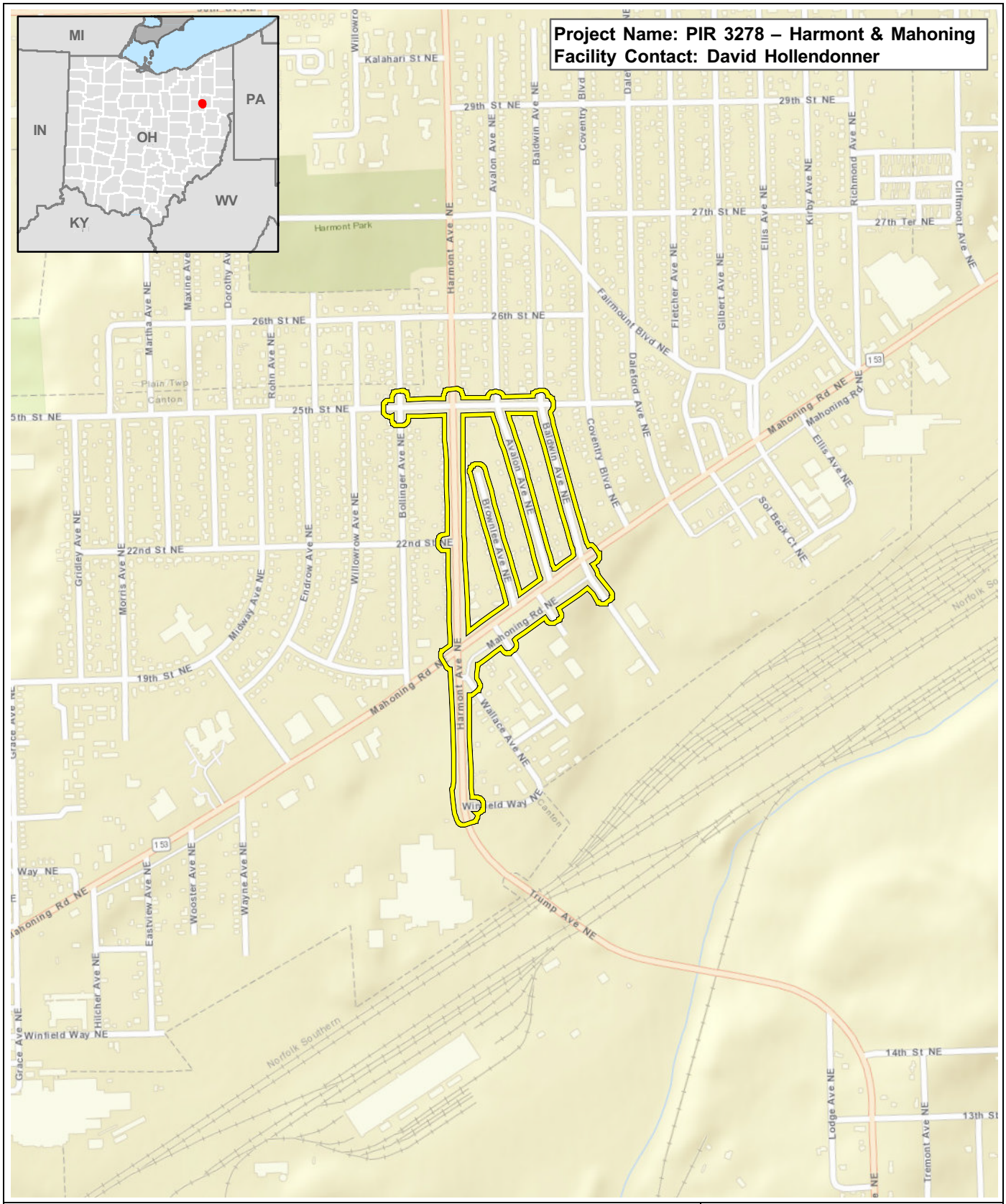
| **Are These Permits Required?** | **PTI:** NO | **Individual 401 Water Quality Certification:** NO |
|---|---|---|
| **Individual NPDES:** NO | **Isolated Wetland:** NO | **U.S. Army Corp Nationwide Permit:** NO |
| **Proposed Project Start Date(if applicable):** January 31, 2024 | | **Estimated Completion Date(if applicable):** July 31, 2024 |
| **Total Land Disturbance (Acres):** 1.8 | | **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:** Zachary Goodson | **Title:** Director - Gas Operations |
| **Signature:**<br>Electronically submitted by 73189029 | **Date:**<br>Electronically submitted on 09/20/2023 |
| **ADDITIONAL INFORMATION** | |

| *Please add any additional comments or attachments below.* |
| --- |
| |




Project Study Area

0 500 1,000

**Figure 1**
**Site Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio
Date: 4/26/2023


Base Layer: ESRI StreetMap, 2022

P: \Dom inion\ 201 9 Env Per mitt in g Sup por t Blank et\3_ Proje cts\PIR 32 78 (21 085 9)\3 _Dat a-Dwg s-M aps\ GIS\SWPPP MXDs\ PIR 3278 _8x 11_NOI _Ma p_2 022 070 7.m xd jspen ce 3 /20/2 023 4:0 3:0 9 PM

**ATTACHMENT I**

OHIO ENVIRONMENTAL PROTECTION AGENCY ISSUED GENERAL CONSTRUCTION STORMWATER PERMIT OHC000005




September 22, 2023

The East Ohio Gas Co d/b/a Dominion Energy Ohio Greg Eastridge

320 Springside Drive

Suite 320

Akron OH 44333

Re: Approval Under Ohio EPA National Pollutant Discharge Elimination System (NPDES) – Construction Site Stormwater General Permit – OHC000005

Dear Applicant,

Your NPDES Notice of Intent (NOI) application is approved for the following facility/site. Please use your Ohio EPA Facility Permit Number in all future correspondence.

| | |
|---|---|
| **Facility Name:** | PIR 3278 - Harmont & Mahoning |
| **Facility Location:** | Mahoning Road |
| **City:** | Canton |
| **County:** | Stark |
| **Ohio EPA Facility Permit Number:** | 3GC13343*AG |
| **Permit Effective Date:** | September 22, 2023 |
| **Permit Expiration Date:** | April 22, 2023 |

Please read and review the permit carefully. The permit contains requirements and prohibitions with which you must comply. A copy of the general permit may be viewed or downloaded from here. Coverage under this permit will remain in effect until a renewal of the permit is issued by the Ohio EPA.

If more than one operator (defined in the permit) will be engaged at the site, each operator shall seek coverage under the general permit. Additional operator(s) shall submit a Co-Permittee NOI to be covered under this permit. There is no fee associated with the Co-Permittee NOI form.

Please be aware that this letter only authorizes discharges in accordance with the above referenced General Permit. The placement to fill into regulated waters of the state may require a 401 Water Quality Certification and/or Isolated Wetlands Permit from Ohio EPA. Failure to obtain the required permits in advance is a violation of Ohio Revised Code 6111 and potentially subjects you to enforcement and civil penalties.

If you need assistance or have questions, please call (614) 644-2001 and ask for Construction Site Stormwater General Permit support or visit our website at epa.ohio.gov.

Sincerely,

Anne M. Vogel
Director

50 West Town Street • Suite 700 • P.O. Box 1049 • Columbus, OH 43216-1049
epa.ohio.gov • (614) 644-3020 • (614) 644-3184 (fax)

**ATTACHMENT J**

U.S. FISH AND WILDLIFE SERVICE BALD EAGLE COORDINATION EMAILS

# United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ohio Ecological Services Field Office
4625 Morse Road, Suite 104
Columbus, OH 43230-8355
Phone: (614) 416-8993 Fax: (614) 416-8994


In Reply Refer To:
Project Code: 2024-0017087
Project Name: PIR 3278 - Harmont & Mahoning

November 16, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

**Migratory Birds**: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

# OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Ohio Ecological Services Field Office**
4625 Morse Road, Suite 104
Columbus, OH 43230-8355
(614) 416-8993

# PROJECT SUMMARY

Project Code: 2024-0017087
Project Name: PIR 3278 - Harmont & Mahoning
Project Type: Distribution Line - Maintenance/Modification - Below Ground
Project Description: DEO is proposing to replace approximately 8,050 feet of existing six (6)- ,eight (8)-, and 12–inch natural gas pipeline under the PIR program. The purpose of the program is to replace existing pipe to ensure the safety and reliability of pipeline operations.

The PIR 3278 project is located in the City of Canton, Stark County, primarily along Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE. The latitude and longitude coordinates for the center point of the project area are 40.818280°, -81.327916°.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@40.8188176,-81.32621092547826,14z

Counties: Stark County, Ohio

# ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## MAMMALS

| NAME | STATUS |
|---|---|
| Indiana Bat *Myotis sodalis*<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: https://ecos.fws.gov/ecp/species/5949 | Endangered |
| Northern Long-eared Bat *Myotis septentrionalis*<br>No critical habitat has been designated for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/9045 | Endangered |
| Tricolored Bat *Perimyotis subflavus*<br>No critical habitat has been designated for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/10515 | Proposed Endangered |

## CLAMS

| NAME | STATUS |
|---|---|
| Salamander Mussel *Simpsonaias ambigua*<br>There is **proposed** critical habitat for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/6208 | Proposed Endangered |

## INSECTS

| NAME | STATUS |
|---|---|
| Monarch Butterfly *Danaus plexippus*<br>No critical habitat has been designated for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/9743 | Candidate |

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

# IPAC USER CONTACT INFORMATION

Agency: Environmental Consulting & Technology, Inc.
Name: Alyssa Dietz-Oergel
Address: 161 East Aurora Road
City: Northfield
State: OH
Zip: 44067
Email adietz-oergel@ectinc.com
Phone: 2165134893

**ATTACHMENT K**
U.S. FISH AND WILDLIFE SERVICE IPAC SUMMARY

## Gregory K Eastridge (Services - 6)

**From:** Boyer, Angela <angela_boyer@fws.gov> on behalf of Ohio, FW3 <ohio@fws.gov>
**Sent:** Monday, March 13, 2023 3:22 PM
**To:** Kathlyn Richmond (Services - 6)
**Cc:** Gregory K Eastridge (Services - 6)
**Subject:** [EXTERNAL] Re: [EXTERNAL] Bald Eagle Nest Coordination Requests: PIR 3278 - Harmont & Mahoning



Hello,

The USFWS does not have any known bald eagle nest records in this project

area. Sincerely,
Angie

---

**From:** Kathlyn.Richmond@dominionenergy.com <Kathlyn.Richmond@dominionenergy.com>

**Sent:** Tuesday, March 7, 2023 9:15 AM

**To:** Ohio, FW3 <ohio@fws.gov>

**Cc:** gregory.k.eastridge@dominionenergy.com <gregory.k.eastridge@dominionenergy.com>

**Subject:** [EXTERNAL] Bald Eagle Nest Coordination Requests: PIR 3278 - Harmont & Mahoning



Good morning,

The East Ohio Gas Company, d/b/a Dominion Energy Ohio, is proposing to replace natural gas pipeline under the Pipeline Infrastructure Replacement (PIR) Program. The PIR 3278 - Harmont & Mahoning project is located in the City of Canton, within Stark County.

This project lies in Plain Township which is listed as having a bald eagle nest record.

The latitude and longitude coordinates for the PIR 3278 project area are: Southwestern Extent: 40.815834, -81.330534

Northwestern Extent: 40.823270, -81.329584

Northeastern Extent: 40.823148, -81.323891

Southeastern Extent: 40.815460, -81.323712

Please respond with the location of any nearby nest

locations. Thank you,

**Katie Richmond**
Associate Business Process Analyst Ohio Technical Training Center Cell: 330-231-5902

# ATTACHMENT L
## U.S. FISH AND WILDLIFE SERVICE RESPONSE

**United States Department of the Interior**

FISH AND WILDLIFE SERVICE

Ecological
Services 4625
Morse Road, Suite
104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994

November 16, 2023

Project Code: 2024-0017087

Dear Ms. Dietz-Oergel:

The U.S. Fish and Wildlife Service (Service) has received your recent correspondence requesting information about the subject proposal. We offer the following comments and recommendations to assist you in minimizing and avoiding adverse impacts to threatened and endangered species pursuant to the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq), as amended (ESA).

Federally Threatened and Endangered Species: Due to the project type, size, location, and the proposed implementation of seasonal tree cutting (clearing of trees ≥3 inches diameter at breast height between October 1 and March 31) to avoid impacts to the endangered Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*), and the proposed endangered tri- colored bat (*Perimyotis subflavus*) we do not anticipate adverse effects to any other federally endangered, threatened, or proposed species, or proposed or designated critical habitat. Should the project design change, or additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, coordination with the Service should be initiated to assess any potential impacts.

Section 7 Coordination: If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), then no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend the federal

action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence. This letter provides technical assistance only and does not serve as a completed section 7 consultation document.

Stream and Wetland Avoidance: Over 90% of the wetlands in Ohio have been drained, filled, or modified by human activities, thus is it important to conserve the functions and values of the remaining wetlands in Ohio (https://epa.ohio.gov/portals/47/facts/ohio_wetlands.pdf). We recommend avoiding and minimizing project impacts to all wetland habitats (e.g., forests, streams, vernal pools) to the maximum extent possible in order to benefit water quality and fish and wildlife habitat. Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the U.S. Army Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. Disturbed areas should be mulched and revegetated with native plant

species. In addition, prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

Thank you for your efforts to conserve listed species and sensitive habitats in Ohio. We recommend coordinating with the Ohio Department of Natural Resources due to the potential for the proposed project to affect state listed species and/or state lands. Contact Mike Pettegrew, Environmental Services Administrator, at (614) 265-6387 or at mike.pettegrew@dnr.ohio.gov.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

Scott Hicks

Scott Hicks

Acting Field Office Supervisor

**ATTACHMENT M**

OHIO DEPARTMENT OF NATURAL RESOURCES COORDINATION

Dominion Energy Services, Inc.
320 Springside Drive, Suite 320
Akron, Ohio 44333
DominionEnergy.com

November 21, 2023

**BY EMAIL**

Michael Pettegrew
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 3278 – Harmont & Mahoning**

Dear Mr. Pettegrew:

The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), requests review of the following information regarding the Pipeline Infrastructure Replacement (PIR) project, PIR 3278 – Harmont & Mahoning. To assist with your review of the project, site maps and photographs are enclosed.

**Project Purpose, Description, and Location**

DEO is proposing to replace approximately 8,050 feet of existing six (6)- ,eight (8)-, and 12–inch natural gas pipeline under the PIR program. The purpose of the program is to replace existing pipe to ensure the safety and reliability of pipeline operations.

The PIR 3278 project is located in the City of Canton, Stark County, primarily along Harmont Avenue NE, Mahoning Road NE, 25th Street NE, Baldwin Avenue NE, Avalon Avenue NE, and Brownlee Avenue NE. The latitude and longitude coordinates for the center point of the project area are 40.818280°, -81.327916°. The project area is indicated on an excerpt of the Canton East Quadrangle, Ohio USGS 7.5-minute topographic map and a project area map, included in Attachment A. Representative photographs of the site are included in Attachment B.

**Site Description**

Environmental field reviews of the project area were completed on December 7, 2021 and November 22, 2022. The surveys were performed to collect information on potential wetlands, streams, and protected species habitat. The project area is composed of dense residential development with some commercial and industrial developments. Vegetative communities within the project area include maintained lawns with scattered trees, and pavement.

No wetlands or streams were identified within the project area.

Clearing of trees in the project area may be necessary to safely conduct project activities or at the directive of a local arborist. The project area was reviewed for trees which could provide habitat for protected bat species. Sparse stands of forest exist near the project area, predominantly on Mahoning Road NE, and the southeast corner of Harmont Avenue NE and 25th Street NE. Additionally, three (3) trees were identified with characteristics which may potentially provide some level of roosting habitat for bats. The locations of these trees are indicated on Figure 3 in Attachment A. Photographs of the potential habitat trees are included in Attachment B.

To complete the project, DEO may need to cut some of the identified potential roosting trees. If any of the identified potential roosting trees need to be cut, DEO proposes to conduct all tree clearing between October 1 and March 31.

Project construction activities (e.g., mowing/clearing, grading, trench excavation, spoil storage, backfilling, and restoration) will expose bare soils and increase the potential for erosion and sedimentation. Best Management Practices (BMPs) will be implemented throughout construction to minimize storm water runoff, soil erosion, the transport of sediments from the construction area, and to protect any aquatic resources located adjacent to the project area.

**Request for Finding**

Considering the information above, DEO is requesting a finding regarding any adverse effect to any state-listed species and natural areas with ecological and/or geological significance. A response is respectfully requested to ensure compliance relative to state-listed endangered species prior to initiating activities.

An email response would be greatly appreciated. Please send the email to Greg Eastridge at gregory.k.eastridge@dominionenergy.com. If you have any questions or need additional information, please contact Greg Eastridge at (330) 664-2576.

Sincerely,

Darrell R. Shier
Authorized Representative
Manager Environmental Services

Enclosures

cc: Greg Eastridge

# Attachment A
# Maps


Project Study Area

N

0 500 1,000

Feet

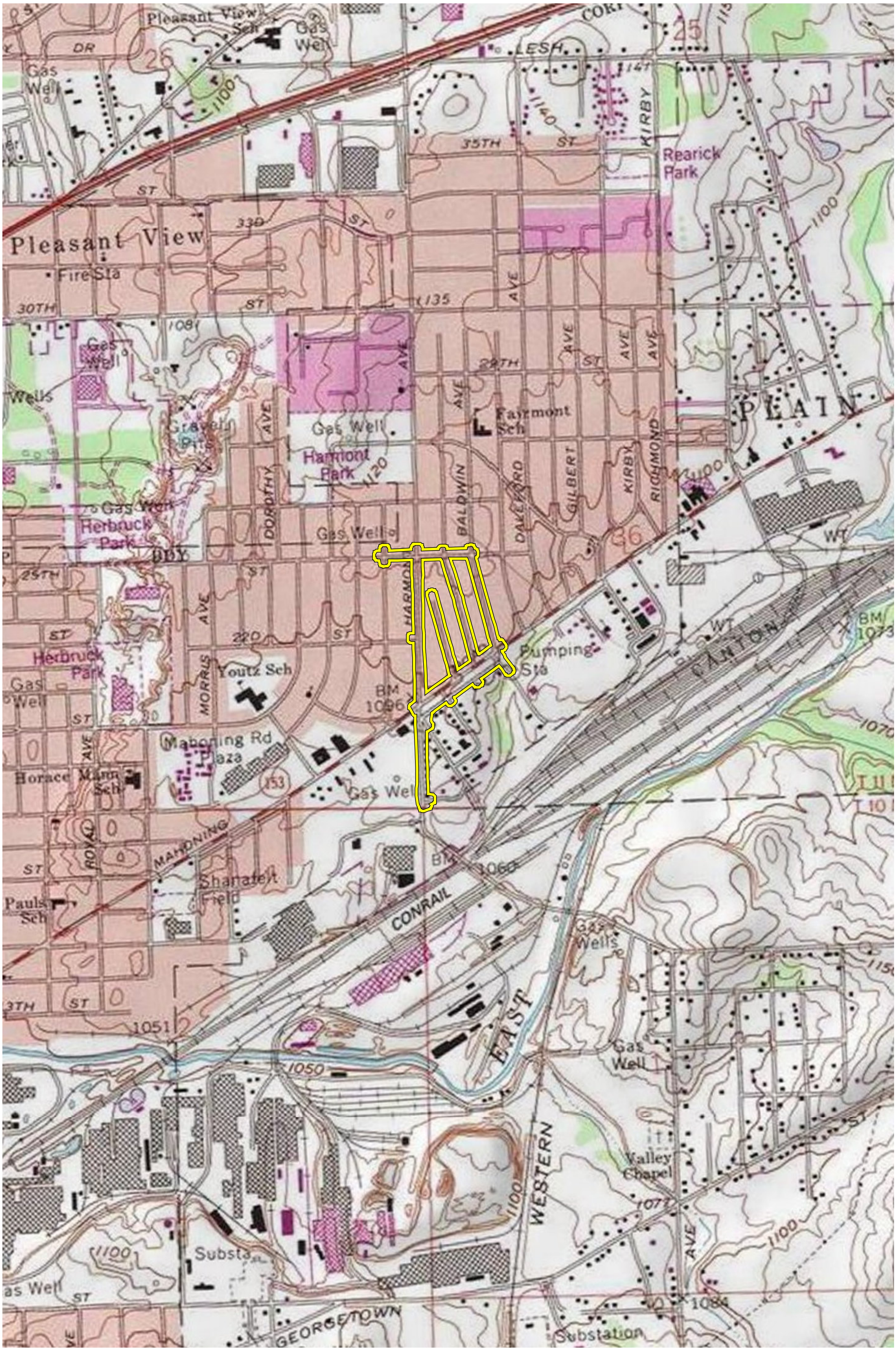
Sources: ESRI StreetMap 2021

**Figure 1**
**Site Location Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT




Project Study Area

*Canton East Quadrangle

N

0 600 1,200

Feet

Sources: ECT, 2022; ESRI, 2022

**Figure 2**
**USGS Topographic Map**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

Project Study Area

Map Pages

N

0 150 300

Feet

Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map Book**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 3/20/2023

ECT

25th St NE
Avalon Ave NE
Bollinger Ave NE
Harmont Ave NE
Brownlee Ave NE
22nd St NE
1
2

Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N
0 50 100
Feet

Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map 1 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 11/15/2023

ECT

25th St NE

3

Avalon Ave NE

Baldwin Ave NE

Coventry St NE

Brownlee Ave NE

Mahoning Rd NE State Rte 153

Project Study Area

Potential Bat Roost Tree

Permanent Pipeline Marker

Temporary Pipeline Marker

M&R Station

Culvert

Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100

Feet

Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map 2 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 11/15/2023

ECT

22nd St NE
Brownlee Ave NE
Harmont Ave NE
Brownlee Ave NE
Wallace Ave NE
State Rte 153
Mahoning Rd NE
19th St NE
Bollinger Ave NE

Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N
0 50 100
Feet

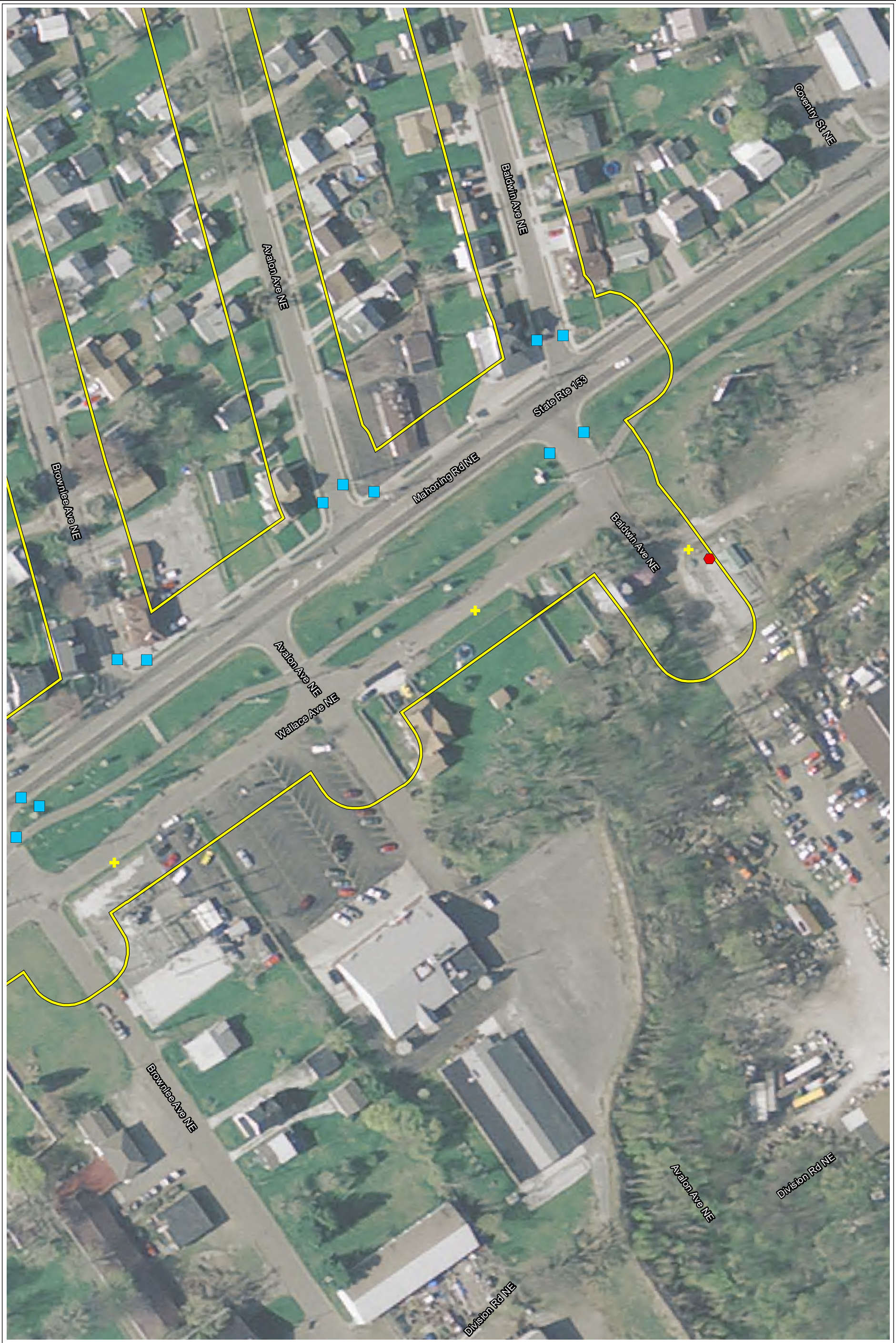
Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map 3 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 11/15/2023

ECT




Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map 4 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 11/15/2023

ECT


Project Study Area
Potential Bat Roost Tree
Permanent Pipeline Marker
Temporary Pipeline Marker
M&R Station
Culvert
Stormwater Inlet

No Special Flood Hazard Areas (SFHA)
have been identified in or near the Project Study Area.

N

0 50 100
Feet

Sources: OSIP 2016

**Figure 3**
**Ecological Resources Map**
**Map 5 of 5**

PIR 3278 - Harmont and Mahoning
Dominion Energy Ohio
Canton, Stark County, Ohio

Date: 11/15/2023

ECT

# Attachment B
# Photographs

# Photographic Log

| **Photo #1** | |
|---|---|
| Date: 12/07/2021 | |
| Feature: Residential Land Use | |
| Description: The study area is dominated by residential development and has land cover of maintained lawns with scattered trees. |  |

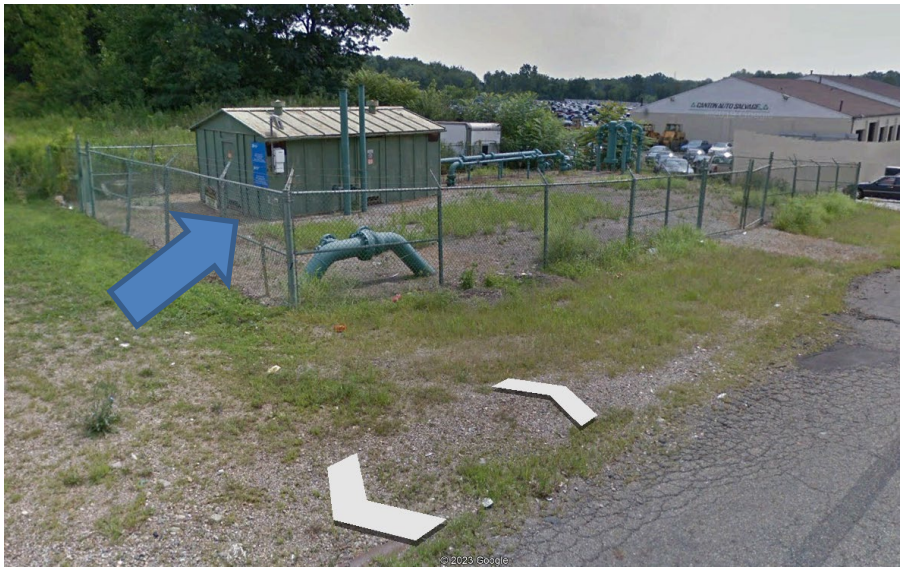
| **Photo #2** | |
|---|---|
| Date: 12/07/2021 | |
| Feature: Commercial Property | |
| Description: The study area contains commercial developments including a post office. |  |

# Photographic Log

| **Photo #3** |
|---|
| Date: 12/07/2021 |
| Feature: Industrial Property |
| Description: An industrial property is located near the intersection of Harmont Avenue NE and Winfield Street NE within the study area. |


| **Photo #4** |
|---|
| Date: 12/07/2021 |
| Feature: Stark Electric Railway Trail |
| Description: The Stark Electric Railway Trail runs through the study area. It is comprised of pavement and is surrounded by mowed fields. |

# Photographic Log

| **Photo #5** |  |
|---|---|
| Date: Google Earth Imagery from 08/2018 | |
| Feature: M&R Station | |
| Description: A M&R Station is located on a fully fenced in, partially vegetation gravel lot off Baldwin Avenue NE in the easternmost portion of the study area.<br><br>Image was downloaded from Google Earth on 03/13/2023. | |

| **Photo #6** |  |
|---|---|
| Date: 12/07/2021 | |
| Feature: Tree 1 | |
| Description: *Acer saccharinum* | |

# Photographic Log

| | |
|---|---|
| **Photo #7**<br>Date: 12/07/2021<br>Feature: Tree 2<br>Description: *Acer rubrum* |  |

| | |
|---|---|
| **Photo #8**<br>Date: 11/22/2022<br>Feature: Tree 3<br>Description: *Acer saccharinum* |  |

**Office of Real Estate**
*Tara Paciorek, Chief*
2045 Morse Road – Bldg. E-2
Columbus, OH 43229
*Phone: (614) 265-6661*
*Fax: (614) 267-4764*

January 3, 2024

Gregory Eastridge
Dominion Energy Environment and Sustainability
320 Springside Drive, Suite 320
Akron, Ohio 44333

**Re:** 23-1429_PIR 3278 - Harmont and Mahoning

**Project:** The proposed project involves the replacement of approximately 8,050 feet of existing six (6)-, eight (8)-, and 12 inch natural gas pipeline under the PIR program.

**Location:** The proposed project is located in Plain & Canton townships, Stark County, Ohio.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state, or federal agency nor relieve the applicant of the obligation to comply with any local, state, or federal laws or regulations.

**Natural Heritage Database:** A review of the Ohio Natural Heritage Database indicates there are no records of state or federally listed plants or animals within one mile of the specified project area. Records searched date from 1980.

Please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area.

**Fish and Wildlife:** The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that Best Management Practices be utilized to minimize erosion and sedimentation.

The entire state of Ohio is within the range of the Indiana bat (*Myotis sodalis*), a state endangered and federally endangered species, the northern long-eared bat (*Myotis septentrionalis*), a state endangered and federally endangered species, the little brown bat (*Myotis lucifugus*), a state endangered species, and the tricolored bat (*Perimyotis subflavus*), a state endangered species. During the spring and summer (April 1 through September 30), these species of bats predominately roost in trees behind loose, exfoliating bark, in crevices and cavities, or in the

leaves. However, these species are also dependent on the forest structure surrounding roost trees. If trees are present within the project area, and trees must be cut, the DOW recommends cutting only occur from October 1 through March 31, conserving trees with loose, shaggy bark and/or crevices, holes, or cavities, as well as trees with DBH ≥ 20 if possible. If trees are present within the project area, and trees must be cut during the summer months, the DOW recommends a mist net survey or acoustic survey be conducted from June 1 through August 15, prior to any cutting. Mist net and acoustic surveys should be conducted in accordance with the most recent version of the "*OHIO DIVISION OF WILDLIFE GUIDANCE FOR BAT SURVEYS AND TREE CLEARING*". If state listed bats are documented, DOW recommends cutting only occur from October 1 through March 31. However, limited summer tree cutting may be acceptable after consultation with the DOW (contact Eileen Wyza at Eileen.Wyza@dnr.ohio.gov).

The DOW also recommends that a desktop habitat assessment is conducted, followed by a field assessment if needed, to determine if a potential hibernaculum is present within the project area. Direction on how to conduct habitat assessments can be found in the current USFWS "*RANGE-WIDE INDIANA BAT & NORTHERN LONG-EARED BAT SURVEY GUIDELINES*." If a habitat assessment finds that a potential hibernaculum is present within 0.25 miles of the project area, please send this information to Eileen Wyza for project recommendations. If a potential or known hibernaculum is found, the DOW recommends a 0.25-mile tree cutting and subsurface disturbance buffer around the hibernaculum entrance, however, limited summer or winter tree cutting may be acceptable after consultation with the DOW. If no tree cutting or subsurface impacts to a hibernaculum are proposed, this project is not likely to impact these species.

The project is within the range of the long-solid (*Fusconaia maculata maculata*), a state endangered mussel. Due to the location, and that there is no in-water work proposed in a perennial stream, this project is not likely to impact this species.

The project is within the range of the Iowa darter (*Etheostoma exile*), a state endangered fish. Due to the location, and that there is no in-water work proposed in a perennial stream, this project is not likely to impact this species.

The project is within the range of the spotted turtle (*Clemmys guttata*), a state threatened species. This species prefers fens, bogs and marshes, but also is known to inhabit wet prairies, meadows, pond edges, wet woods, and the shallow sluggish waters of small streams and ditches. Due to the location, the type of habitat within the project area, and the type of work proposed, this project is not likely to impact this species.

Due to the potential of impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the US Fish & Wildlife Service.

**Water Resources:** The Division of Water Resources has the following comment.

The local floodplain administrator should be contacted concerning the possible need for any floodplain permits or approvals for this project.

ODNR appreciates the opportunity to provide these comments. Please contact Mike Pettegrew at mike.pettegrew@dnr.ohio.gov if you have questions about these comments or need additional information.

Mike Pettegrew
Environmental Services Administrator

**ATTACHMENT N**
TRANSMITTAL LETTER TO PUBLIC OFFICIALS

whittsturtevant LLP

MARK A. WHITT
Direct: 614.224.3911
whitt@whitt-sturtevant.com

<DATE>

***Via FedEx***

James Benekos
Canton City Engineer
2436 30th Street NE, Building A
Canton, OH 44702

Richard Bodenschatz
Engineering
2436 30th Street NE, Building A
Canton, OH 44702

John S. Weedon
Stark County Soil & Water
Conservation District
2650 Richville Dr SE #100,
Massillon, OH 44646

Mayor Thomas M. Bernabei
City of Canton
218 Cleveland Avenue SW 8th Floor
Canton, OH 44702

**Re: Dominion Energy Ohio Letter of Notification for PIR 3278 – Harmont & Mahoning, City of Canton, Stark County, Ohio Case No. 24-0103-GA-BNR**

Dear Public Official,

The East Ohio Gas Company d/b/a Dominion Energy Ohio ("DEO") is preparing for the replacement of approximately 2,767 feet of 12-inch pipeline with approximately 2,000 feet of 12-inch fusion bond epoxy ("FBE") steel pipeline. Both the existing and replacement pipe are located entirely within the public right-of-way in the City of Canton. Upon completion of the project, the existing pipe will be abandoned in place. Existing public roadways and easements will provide the required equipment access.

In accordance with Ohio Revised Code Section 4906.03(F)(3), this project falls within the Ohio Power Siting Board's (Board) jurisdiction. Therefore, in compliance with Ohio Administrative Code Rule 4906-6-07(A)(1), enclosed please find a copy of the Construction Notification application that has been filed with the Board for its review and approval.

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

Sincerely,

Mark A. Whitt

Enclosure: Copy of Construction Notification Application

cc: Stark County Library