

**CASE NO. 17-2337-GA-BNR  
PIR 2364 GRANT AVENUE & 9<sup>TH</sup> STREET  
CUYAHOGA FALLS, SUMMIT COUNTY, OHIO  
PIPELINE REPLACEMENT PROJECT**

**ATTACHMENT F**

**SUMMIT COUNTY SOIL AND WATER CONSERVATION DISTRICT  
SWPPP AND APPLICATION**

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



August 2, 2017

**BY FEDEX**

Julie Berbari, Stormwater Specialist  
Summit County Soil and Water Conservation District  
1180 South Main Street, Suite 241  
Akron, Ohio 44301

**RE: The East Ohio Gas Company – Pipeline Infrastructure Replacement Program**  
**Construction Storm Water Application**  
**PIR 2364 – Grant Avenue and 9<sup>th</sup> Street**

Dear Ms. Berbari:

Please review the following information regarding the East Ohio Gas Company (EOG) Pipeline Infrastructure Replacement (PIR) project, PIR 2364 – Grant Avenue and 9<sup>th</sup> Street. EOG is proposing to replace natural gas pipeline under the PIR Program. The purpose of the program is to replace existing pipe with corrosion-resistant pipe to ensure the safety and reliability of pipeline operations.

The PIR 2364 project is located in Cuyahoga Falls, primarily within the road right-of-way of Grant Avenue, 9<sup>th</sup> Street, and Horace Avenue.

The following documents are included for your review:

- Summit Soil and Water Conservation District (SWCD) Storm Water Pollution Prevention Plan (SWPPP) Application and Checklist (Attachment 1) - one (1) copy
- PIR 2364 SWPPP (Attachment 2) - one (1) copy
- Ohio EPA General Permit OHC000004 NOI Approval Letter (Attachment 3) - one (1) copy
- A check for \$650.00 (review and inspection fee) made payable to Summit SWCD

The anticipated start date for this project is February, 2018.

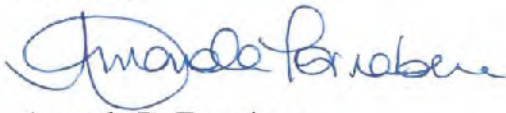
EOG will hold a pre-construction meeting with the Summit SWCD prior to earthwork activities. This meeting will be scheduled by EOG with Summit SWCD personnel. EOG personnel, the EOG construction contractor, and the EOG environmental inspector will be in attendance.

Your timely review and approval of this SWPPP is appreciated. Please direct your response to:

Tara Buzzelli  
Environmental Specialist  
320 Springside Drive, Suite 320  
Akron, Ohio 44333  
Tara.E.Buzzelli@dominionenergy.com

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

Sincerely,



Amanda B. Tornabene  
Director, Environmental Services (Corporate Air, Gas Infrastructure, Power Delivery)

Enclosures

cc: Tara Buzzelli

**Attachment 1**

**Summit County SWCD Application and Checklist**





**Summit Soil & Water  
Conservation District**  
1180 S Main Street, Ste. 241  
Akron, OH 44301  
Phone: (330) 929-2871  
www.summitswcd.org

**Storm Water  
Pollution  
Prevention Plan  
(SWPPP)  
Application**

-For Summit SWCD Use Only-

Date Submittal Received  Date  Fee

**Site Information**

Site Name  Phase  NPDES#

If applicable

Location  
(if applicable)

Parcel #

(Include address or description  
and township, city or village)

Watershed  
(Cuyahoga,  
Tinkers Creek...)

Site Type  
(Residential,  
commercial, government)

Total Site Acreage

Total Disturbed Acreage (Includes clearing,  
grubbing, excavating, filling, off-site borrow areas)

Total Number  
of Sublots

Prior Land Use

**Post Construction Long Term Maintenance Agreement**

Yes or No

**Contact Information**

Professional  
Engineer/Plan  
Preparer

Contractor

Site Owner or  
Developer

Builder

# Summit Soil & Water Conservation District

Storm Water Pollution  
Prevention Plan  
(SWPPP)  
Application  
Page 2 of 2

## Additional Site Information

Site Entrance  
Street Name

Grant Avenue at State Road

## Geographical coordinates

Latitude (Decimal Degree) Longitude (Decimal Degree)

Post Construction WQ Practice #1

N

W

Post Construction WQ Practice #2

N

W

Post Construction WQ Practice #3

N

W

Post Construction WQ Practice #4

N

W

Storm Water Outfall to MS4

N

W

Storm Water Outfall to MS4

N

W

Storm Water Outfall to MS4

N

W

Email Post Construction WQ Practice Details to: [staff@summitswcd.org](mailto:staff@summitswcd.org)

Setbacks, Easements or Other Restrictions  
(Riparian, Wetland) Please Describe

All work will be restricted to road  
and/or utility right-of-way/easement

Are there jurisdictional wetlands or streams on the site  
that will be impacted or disturbed? If yes, date of  
jurisdictional determination. Include copy of delineation  
and letter from USACE or OEPA.

No

List all Permits Obtained for this project.

Date  
pending

Permit  
OHC000004

Issuing Agency  
Ohio EPA

THE OWNER OF THE DEVELOPMENT AND /OR UNDERSIGNED, DO HEREBY COVENANT AND  
AGREE TO COMPLY WITH ALL OF THE LAWS OF THE STATE OF OHIO AND THE REGULA-  
TIONS OF THE COUNTY OF SUMMIT, PERTAINING TO EARTHWORK (INCLUDING EROSION/  
SEDIMENT CONTROL AND WATER QUALITY REQUIREMENTS) 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.

APPLICATION BY Paul Johanning, Director, Gas Operations

320 Springside Drive, Suite 320, Akron OH 44333

ADDRESS

No. Street and Zip

SIGNATURE

*Paul Johanning*  
Print

PHONE:

Contact: Tara Buzzelli  
330-664-2579

EMAIL

Tara.E.Buzzelli@  
dominionenergy.com



# Summit Soil and Water Conservation District Storm Water Pollution Prevention Plan (SWP3) Checklist

Modified from the Ohio EPA SWP3 Checklist (Revised January 2017)

**SITE NAME:** The East Ohio Gas Company  
PIR 2364 - Grant Avenue and 9th Street

**DATE RECEIVED:**

**REVIEWER:**

**DATE REVIEWED:**

**Part IIIG.1. Site Description.** Operations that discharge storm water from construction activities are subject to the following requirements and the SWP3 shall include the following items:

<b>Does the SWP3...</b>	<b>Y</b>	<b>N</b>	<b>Comments</b>
<b>a.</b> describe the nature and type of construction activity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Natural gas distribution pipeline replacement project, extends approximately 7,083 feet in length
<b>b.</b> describe the total area of the site that is expected to be disturbed (i.e., the area of grubbing, clearing, excavating, filling, or grading. Off-site borrow or fill areas must be included in the SWPPP)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.6 acres
<b>c.</b> include a calculation of the runoff coefficients for both the pre-construction and post-construction site conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	All sites will be restored to pre-construction contours and cover type (Section 2.2 in SWPPP)
<b>d.</b> include an estimation of the impervious area and percent imperviousness as a result of the construction activity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New impervious areas will not be created. All areas will be restored to pre-construction material, condition, and contours. (See section 2.2 in SWPPP)
<b>e.</b> include any existing data describing the soil? provide any information on the quality of the storm water discharge from the construction site? <i>NOTE: If this data is not available, it does not need to be included.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.3 and the Soils map in Appendix B in SWPPP
<b>f.</b> include any information about prior land uses at the site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.4 in SWPPP
<b>g.</b> include an implementation schedule which describes the sequence of major construction operations (i.e., grubbing, excavating, grading, utilities and infrastructure installation) and the implementation of erosion, sediment and storm water management practices or facilities to be employed during each operation of the sequence?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 2.5 in SWPPP
<b>h.</b> include the name(s) or location(s) of the initial and subsequent surface water bodies receiving the storm water discharge? For discharges to an MS4 is the point of discharge into the MS4 and the ultimate receiving stream noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cuyahoga Falls MS4 and Cuyahoga River HUC (04110002)
<b>i.</b> include a detail drawing of typical individual lot sediment and erosion controls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>j.</b> include the location and description of storm water discharges associated with dedicated asphalt and/or concrete batch plants serving this project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>k.</b> include a copy of the NPDES construction storm water general permit requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attached
<b>l.</b> include a cover page identifying the name and location of the site, the name and contact information for site operators, the name and contact information of the SWPPP authorization agent (engineer) , the preparation dates, and the estimate start and completion dates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See the cover page of the SWPPP
<b>m.</b> include a SWP3 modification / inspection log to be updated in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Appendix F of the SWPPP

## Part III G.1.n Site map requirements

A detailed site map is required by the NPDES construction storm water general permit. **The site map must include the following items:**

<b>Does the SWPPP...</b>	<b>Y</b>	<b>N</b>	<b>Comments</b>
<b>i.</b> describe the limits of earth-disturbing activity of the site including associated offsite borrow or spoil areas that are not addressed by a separate NOI and associated SWP3?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appendix C of SWPPP
<b>ii.</b> map the soil types for all areas of the site, including locations of unstable or highly erodible soils? (k factor > .37)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.3 in SWPPP and Soils map in Appendix B
<b>iii.</b> show existing and proposed contours delineate drainage watersheds expected during and after major grading activities as well as the size of each drainage watershed, in acres?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All areas will be restored to pre-construction grade. See plan drawings in Appendix C of the SWPPP
<b>iv.</b> show surface water locations including springs, wetlands, streams, lakes, water wells, etc., on or within 200 feet of the site, including the boundaries of wetlands or stream channels and first subsequent named receiving water(s)? Note wetlands permittee intends to fill or relocate for which the permittee is seeking approval from the Army Corps of Engineers and/or Ohio EPA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See the attached maps and plan drawings in Appendix C of the SWPPP

Part III G.1.n Site map requirements (cont.)	Y	N	Comments
<b>v.</b> include the location of existing and planned buildings, roads, parking facilities, and utilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See plan drawings in Appendix C of the SWPPP
<b>vi.</b> include the location of all erosion and sediment control practices, including the location of areas likely to require temporary stabilization during the course of site development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.0 and mapping in Appendix C of the SWPPP
<b>vii.</b> include the location of sediment and storm water management basins noting their sediment settling volume and contributing drainage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>viii.</b> include the location of permanent storm water management practices to be used to control pollutants in storm water after construction operations have been completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>ix.</b> include areas designated for the storage or disposal of solid, sanitary, and toxic wastes (including dumpster areas), areas designated for cement truck washout, and areas for vehicle fueling?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of the SWPPP
<b>x.</b> include the location of designated construction entrances where the vehicles will access the construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Construction access will be from locations where the pipeline ROW crosses public roads.
<b>xi.</b> include the location of any in-stream activities including stream crossings? Has 401 certification been obtained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable, No streams in project area.
<b>Part III.G.2 Sediment and Erosion Controls</b>			
<b>Erosion Control a. Non-Structural Preservation Methods</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>a.1.</b> Has every effort been made to preserve the natural riparian setback adjacent to streams or other surface water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No riparian clearing required for construction activities
<i>SUMMIT:</i> has a riparian review been completed? Are setbacks shown on plan? Has a variance granted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>a.2.</b> Have efforts been made to phase in construction activities in order to minimize the amount of land disturbance at one time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.2 of SWPPP
<b>a.3.</b> Will any portions of the site be left undisturbed, if so what percentage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Only uncoated sections of pipe and it's associated easement limits require temporary disturbance
<b>Erosion Control b. Structural Erosion Control</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.2 and 3.5 of the SWPPP
<b>b.1.</b> Does the SWP3 describe the control practices used to re-stabilize areas after grubbing or construction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>b.2.</b> Does the SWP3 specify the types of stabilization measures to be employed for any time of the year?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>i. Temporary stabilization Notes</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas <u>within</u> 50 feet of a stream remaining dormant for over <b>14</b> days, will temporary erosion controls be applied within 2 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas <u>over</u> 50 feet away from a stream remaining dormant for over <b>14</b> days, will temporary erosion controls be applied within 7 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas that will be left idle over winter, will temporary erosion controls be applied prior to onset of winter weather?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>ii. Permanent Stabilization Notes</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas within 50 feet of a stream at final grade, will permanent erosion controls be applied within 2 days of reaching final grade?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas remaining dormant for over 1 year or at final grade, will permanent erosion controls be applied within 7 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>b.3. Rock Construction Entrances</b> Is a RCE provided at all access points? Is a stabilized staging area provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>c. Runoff Control Practices</b>			
<b>c.1.</b> Does the SWP3 incorporate measures to reduce flow velocity (e.g., riprap, ditch check dams)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sections 3.2 through 3.5 of SWPPP
.....if no are they necessary?	<input type="checkbox"/>	<input type="checkbox"/>	
<b>c.2.</b> Does the SWP3 incorporate measures to divert concentrated flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sections 3.2 through 3.5 and mapping in Appendix C of SWPPP
.....i. Is concentrated flow directed to a sediment basin?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
.....ii. Is clean run on water diverted around the site?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
.....iii. Are slopes drains or rock chutes provided to carry runoff down steep slopes?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
<b>d. Sediment Control Practices</b>			
<b>d.1.</b> Will sediment control devices be implemented for all areas remaining disturbed for over 14 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Areas will not remain disturbed for over 14 days

Part III.G.2 Sediment and Erosion Controls (cont.)	Y	N	Comments									
<b>d.2.</b> Are detail drawings of the sediment controls to be used included?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Appendix D of the SWPPP									
<b>.....Do they comply with Ohio Standards and Specifications?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>i. Timing</b> Does the construction sequence specify that perimeter controls and sediment basins will be installed/ implemented within 7 days of grubbing activities and prior to grading of the area they will control?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
Does the SWP3 propose alternate sediment controls for changing slopes and topography as construction progresses?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
<b>ii. Sediment Settling Ponds</b> Does the SWP3 include the installation and use of a sediment settling pond?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
<b>Sediment ponds shall be dewatered using a skimmer or equivalent device.</b>	<input type="checkbox"/>	<input type="checkbox"/>										
Construction activities that require sediment settling pond(s). Do these conditions exist? Will drainage area exceed perimeter control standards? OR Do concentrated flow conditions exist? OR Is a common drainage area of 10 acres or more disturbed? <i>(If the answer is yes to any one of these conditions a sediment settling facility is required)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Is the dewatering volume of the sediment settling pond at equal to at least 67 cubic yards (1800 cubic feet) of per acre of <i>total drainage area</i> ?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the maximum depth of the dewatering zone less than or equal to 5 feet?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the dewatering volume drained down between 48 hours and 7 days?	<input type="checkbox"/>	<input type="checkbox"/>										
Does the dewatering device meet Ohio Standard and Specifications?	<input type="checkbox"/>	<input type="checkbox"/>										
Method #1: Is the sediment settling volume of the pond equal to at least 1000 cubic feet per acre of <i>disturbed area</i> ?	<input type="checkbox"/>	<input type="checkbox"/>										
Method #2: Was RUSLE used to calculate the sediment storage volume?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the length to width ratio of the sediment settling pond at least two units of length for every one unit of width (> 2:1 length to width)?	<input type="checkbox"/>	<input type="checkbox"/>										
Will the sediment settling pond be cleaned out when the silt occupies 40 percent of the sediment storage depth?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the sediment settling pond designed to consider public safety?	<input type="checkbox"/>	<input type="checkbox"/>										
<b>iii. Silt Fence &amp; Other Perimeter Controls</b> Will silt fence or other perimeter controls be used to control sheet flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
Design Capacity of Silt Fence  <table border="1"> <thead> <tr> <th>Max Area (ac.) to 100 ft. silt fence</th> <th>Range of Slope for Drainage area in %</th> <th rowspan="4">Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>&lt;2%</td> </tr> <tr> <td>0.25</td> <td>≥2 but ≤20%</td> </tr> <tr> <td>0.125</td> <td>≥20% but ≤50%</td> </tr> </tbody> </table>	Max Area (ac.) to 100 ft. silt fence	Range of Slope for Drainage area in %	Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)	0.5	<2%	0.25	≥2 but ≤20%	0.125	≥20% but ≤50%	<input type="checkbox"/>	<input type="checkbox"/>	
Max Area (ac.) to 100 ft. silt fence	Range of Slope for Drainage area in %	Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)										
0.5	<2%											
0.25	≥2 but ≤20%											
0.125	≥20% but ≤50%											
Are alternatives to silt fence for perimeter control presented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
<b>.....Do they meet Ohio Standards and Specifications?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>iv. Inlet Protection</b> Are there yard drain inlets and/or the street curb inlets that do not drain into a sediment settling pond? <i>NOTE: Inlet protection is mandatory where sediment settling ponds will not be implemented. If the drainage area is greater than 10 acres a sediment settling pond is required. .</i>	<input type="checkbox"/>	<input type="checkbox"/>	Inlet protection will be employed at all locations in the project footprint. See Section 3.5 of SWPPP									
Do any inlets not connected to a sediment settling facility drain more than 1 acre?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable									
Does the inlet protection meet Ohio Standards and Specifications?	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>v. Stream Protection</b> Does the SWP3 propose to use any structural sediment controls in a stream? <i>NOTE: Use of structural sediment controls in-stream is prohibited in accordance with Part III.G.2.d.v.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
For construction activities that are on the stream bank or will involve stream crossing, does the SWP3 include measures to minimize the number of stream crossings and/or the width of disturbance? <i>NOTE: If work along a stream bank is necessary, a non-erodible pad or non-erodible stream diversion dams (sand bags) must be installed. If stream crossings are necessary, a non-erodible stream crossing must be installed. 401 / 404 permits may be needed.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWPPP									

Part III.G.2.e Post-Construction Storm Water Management	Y	N	Comments
Will the construction activity result in the installation of impervious surface? <i>NOTE: projects that don't result in the installation of impervious surface do not need the installation of structural post-construction BMPs.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction will require only replacement of existing pavement cover. See Section 2.2 of SWPPP
Does the SWP3 include the installation of a structural post-construction best management practice (BMP) to manage storm water runoff once construction activities have been completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has a long-term maintenance plan been developed or included in the SWP3 for maintenance of the structural post-construction BMP? <i>NOTE: The long-term maintenance plan must be developed and provided to the post-construction site operator, but does not need to be implemented as required by this permit. Local municipalities may require maintenance plan implementation.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Large Construction Activities (5 acres and up)</b>			
Does all runoff from developed areas drain through a structural post construction BMP? If no, has Ohio EPA approved a waiver from this requirement?	<input type="checkbox"/>	<input type="checkbox"/>	Construction area is less than 5 acres. Further, the pre- and post-construction contours will be the same and no new developed areas will be present.
If so, was the method proposed in the NPDES construction storm water general permit (CGP) used to determine the water quality volume (WQv) and drain time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Were the correct values used for: (a) runoff coefficient (C)? <i>Use either table 1 presented in the permit or the c formula based on site imperviousness.</i> (b) precipitation depth (P = 0.75-inches)? (c) and the drainage area (A) to the BMP?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Was an additional 20% of the WQV added to the sediment storage zone of the practice?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Does the drain time in the SWP3 for the proposed structural post-construction BMP match the drain time presented in table 2 of the NPDES permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
If the WQ practice is a basin, wetland, or wet enhanced swale has discharge curve been provided to show that no more than 1/2 of the WQv drains out in less than 1/3 of the allotted time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
If there a pre-existing water quality practice that will receive the storm water drainage from the construction site, is it sized appropriately to treat the WQv?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Transportation Projects (as needed)</b>			
Are post construction controls in compliance with the Ohio Department of Transportation's "Location and Design Manual, Volume Two"?	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Offsite Mitigation of Post Construction (as needed)</b>			
Has offsite mitigation been authorized by Ohio EPA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Redevelopment Projects (as needed)</b> For redevelopment projects which disturb 5 or more acres of land, was one of the following options used to as a post-construction practice: (a) 20 % reduction in impervious area? (b) a BMP sized to treat 20% of the WQv? (c) or a combination of (a) and (b) above?			
<b>Non-Structural Post Construction BMPs (as needed)</b>			
Are non-structural controls presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has authorization been granted by Ohio EPA for the substitution of structural practices with non-structural?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Alternative Post Construction BMPs (as needed)</b>			
Are alternative practices presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has authorization been granted by Ohio EPA for the use of alternative BMPs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Small Construction Activities (1 to 5 acres)</b>			
Does the SWP3 include a structural post-construction BMP?	<input type="checkbox"/>	<input type="checkbox"/>	
If so, does it meet the structural control requirements? (see above)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Does the SWP3 explain the technical basis used to select the BMPs chosen where flows exceed pre-development levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has the local municipality authorized the use of alternative BMPs if presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable



Part III.G.2.f Surface Water Protection	Y	N	Comments
Are other permits required prior to construction? Are they included? (401 and/or 404)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is concentrated storm water diffused prior to discharge to natural wetlands?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
<b>Part III.G.2.g Other Controls</b>			
<b>i. Non-sediment Pollutant Controls</b>			
No solid or liquid waste, including building materials, shall be discharged in storm water runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 provide directions on how to dispose toxic or hazardous wastes generated on site properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 designate areas used for mixing or storage of compounds such as fertilizers, lime, asphalt, soaps and solvents used in cleaning vehicles, washout of concrete, paint , or stucco, form release oils, or curing compounds away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 promote the use of protected storage areas for industrial or construction materials to minimize exposure of such materials to storm water?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 designate areas used for fueling or performing vehicle maintenance away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Will the fuel tanks be contained or diked in the event of a leak or spill?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 designate areas used for receiving concrete chute or other concrete wash waters away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Are the specifications of a washout pit contained in the SWPPP?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 and Appendix E of SWPPP
Does the SWP3 describe what to do in the event of a small release (less than 25 gallons) of petroleum waste? <i>NOTE: Petroleum based and concrete curing compounds must have special handling procedures.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 describe what to do in the event of a larger release (25 or more gallons) of petroleum waste? <i>NOTE: You must contact, Ohio EPA (at 1-800-282-9378), the local fire department, and the local emergency planning committee (LEPC) within 30 minutes of a spill of 25 or more gallons.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Has a spill prevention control and countermeasures (SPCC) plan been developed? <i>NOTE: A SPCC plan must be developed for sites with one above ground storage tank (AST) of 660 gallons or more, total above ground tank storage of 1330 gallons, or below ground storage of 42,000 gallons of fuel.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>ii. Offsite tracking</b> - Is offsite tracking of sediment minimized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>iii. Compliance with other requirements</b>			
Is open burning a prohibited activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 address proper handling and disposal of soils contaminated by petroleum or other chemical spills? <i>NOTE: All contaminated soils must be treated and/or disposed in Ohio EPA approved solid waste management facilities or hazardous waste treatment, storage or disposal facilities (TSDFs).</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Will sanitary facilities be provided during construction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 state that all construction & demolition debris (C&DD) waste will be disposed of in an Ohio EPA approved C&DD landfill as required by Ohio Revised Code (ORC) 3714 and local regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Have air pollution permits have obtained? <i>NOTE: Air pollution permits may be required for activities including, but not limited to, mobile concrete batch plants, mobile asphalt plants, concrete crushers, and large generators.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>iv. Trench and Ground water control</b>			
Does the SWPPP contain measures to control turbid discharges? <i>Note: turbid trench water must pass through a sediment settling pond or other equally effective device.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
<b>v. Contaminated Sediment</b>			
is there the possibility that contaminated sediments from past land uses exist? If yes, consult Ohio EPA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See Section 3.7 of SWPPP
	<input type="checkbox"/>	<input type="checkbox"/>	

**Attachment 2**

**Storm Water 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**

**Stormwater Pollution Prevention Plan (SWP3)**

**PIR 2364 – Grant Avenue and 9<sup>th</sup> Street  
Cuyahoga Falls, Summit County, Ohio**

**Planned Construction Start Date:** \_\_\_\_\_

**Planned Construction Completion Date:** \_\_\_\_\_

**Construction Supervisor:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Project Manager (signature):** \_\_\_\_\_

**Construction Contractor (signature):** \_\_\_\_\_

**Environmental Inspector (signature):** \_\_\_\_\_

**Note:**

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

**SWP3 Prepared: July 27, 2017**

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

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

**THE EAST OHIO GAS COMPANY  
PIR 2364 – Grant Avenue and 9<sup>th</sup> Street  
Cuyahoga Falls, Summit County, Ohio**

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## **LIST OF DEFINITIONS**

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

## **EXECUTIVE SUMMARY**

This Stormwater Pollution Prevention Plan (SWP3) sets forth procedures to be followed during construction activities to minimize adverse impacts due to sedimentation and potential environmental pollutants resulting from storm water runoff and to reduce sediment and environmental pollutant runoff after Project completion. This SWP3 sets forth procedures to be followed during construction activities for The East Ohio Gas Company (Dominion) Pipeline Infrastructure Replacement (PIR) 2364 – Grant Avenue and 9<sup>th</sup> Street (Project), located in Cuyahoga Falls, Summit County, Ohio. The procedures developed in this plan must be implemented throughout the duration of the Project.

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

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

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

## **1.0 PERMIT REQUIREMENTS**

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

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

## **2.0 STORMWATER POLLUTION PREVENTION PLAN**

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

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

### Plan Availability

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

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

#### Plan Revisions and Amendments

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

#### Duty to Inform Contractors and Subcontractors.

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

## **2.1 SITE DESCRIPTION**

Dominion is proposing the replacement of approximately 7,083 feet of low, intermediate, and high pressure, pipeline (four [4]- to twelve [12]-inch diameters) with corrosive-resistant pipe to ensure the safety and reliability of pipeline operations for the PIR 2364 pipeline located in Summit County. This pipeline replacement project involves “lift and lay” construction (replacement in place) or offsetting the pipeline within the road right-of-way (ROW). No wetlands or streams were identified within the project area. The site maps included in Appendix A depict the location of the Project in relation to nearby roads, surface waters, existing utilities, etc.

The Project is expected to disturb approximately 1.6 acres due to excavation, filling, grading, and installation of erosion control measures.

The Project is primarily within the road ROW of Grant Avenue, Horace Avenue, and 9<sup>th</sup> Street. At intersections of streets with no proposed mainline replacement, small portions of pipeline may be installed to “tie in” the new pipeline to existing pipelines. 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.

## **2.2 PRE-CONSTRUCTION AND POST-CONSTRUCTION SITE CONDITIONS**

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

## **2.3 EXISTING SOIL DATA**

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

## **2.4 PRIOR LAND USES**

The Project site contains residential, institutional, and commercial land uses.

## **2.5 IMPLEMENTATION SCHEDULE**

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

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

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



- Install gravel on dirt roads, and fill-in rutted areas on existing gravel roads.

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

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

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

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

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

- Restore grade to preconstruction contours.
- Apply seed and mulch to all disturbed upland areas.
- Install erosion control blankets or turf matting on steep slopes.
- Monitor all erosion and sediment controls per the monitoring schedule.

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

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

## **2.6 RECEIVING STREAMS OR SURFACE WATERS**

The Project is located within the Cuyahoga River watershed, Hydrologic Unit Code (HUC) 04110002. The site drains to storm sewers and south to the Cuyahoga River (indicated on the project maps in Appendix C). The Project area falls within a portion of the Cuyahoga River watershed (HUC 04110002 030) that is listed as being impaired. Causes of impairment include polychlorinated biphenyls (PCBs) in fish tissue.

The construction work for this project will not be crossing any streams or wetlands. Dedicated asphalt and/or concrete batch plant discharges covered by the NPDES construction stormwater General Permit are not applicable to this Project.

## **2.7 SITE MAP**

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

## **3.0 CONTROLS**

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

## **3.1 NON-STRUCTURAL PRESERVATION METHODS**

In order to preserve the existing natural condition as much as feasible, the Project will avoid clearing and grubbing where feasible, and minimize the amount of soil and vegetation disturbances by phasing construction operations.

### 3.2 UPLAND EROSION CONTROL PRACTICES

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

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

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

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

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

*Table 1 Permanent Stabilization*

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

*Table 2: Temporary Stabilization*

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

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. Methods of runoff control that will be implemented on this Project include dewatering measures and filter socks. Runoff control measures will be in accordance with Chapter 4 and 5 of the Rainwater and Land Development Manual.

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

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

### **3.4 SURFACE WATER PROTECTION**

The Project site contains no surface waters nor are there any water resources adjacent to the Project site.

### 3.5 SEDIMENT CONTROL PRACTICES

All Project activities, including use of laydown areas, will occur within the areas indicated on Site Maps and Drawings in Appendix C. The location of any laydown and/or material storage areas will be determined in the field upon discussion with the selected construction contractor and will be noted on the project site drawings at that time. The “Site Drawing Checklist” will be completed, verifying the inclusion of these features. Any necessary mainline to mainline tie-ins at intersections with streets with no proposed mainline replacement will also be noted on the drawings. Construction activities for this Project will be limited to the Limit of Disturbance of 1.6 acres.

Sediment Control Practices must store runoff allowing sediments to settle and/or divert flows away from exposed soils or otherwise limit runoff from exposed areas. Structural practices must be used to control erosion and trap sediment from a disturbed site. Methods of control that may be used include: silt fence, storm drain inlet protection, filter berms, 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 OHC000004. Dominion discourages the use of haybales unless utilized as a secondary treatment element in conjunction with another erosion and sediment control(s) and only if approved by Dominion.

Inlet Protection. Storm drain inlet protection devices remove sediment from stormwater before it enters storm sewers and downstream areas. Inlet protection devices may consist of washed gravel or crushed stone, geotextile fabrics, and other materials that are supported around or across storm drain inlets. Inlet protection is installed to capture some sediment and reduce the maintenance of storm sewers and other underground piping systems prior to the site being stabilized. Due to their poor effectiveness, inlet protection is considered a secondary sediment control to be used in conjunction with other more effective controls. Other erosion and sediment control practices must minimize sediment-laden water entering active storm drain systems, unless the storm drain system drains to a sediment settling pond. Generally inlet protection is limited to areas draining less than one (1) acre; areas of one (1) or more acres will require a sediment settling pond. Dandy Bags® and/or Curb Sacks® will be used for storm drain inlet protection and the installation details are shown in **Detail D-4**.

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

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

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

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

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

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

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

Timing. Sediment control structures must be functional throughout the course of earth disturbing activity. Sediment basins and perimeter sediment barriers must be implemented prior to grading and within seven (7) days from the start of grubbing. Sediment control structures must continue

to function until the up-slope development area is restabilized. As construction progresses and the topography is altered, appropriate controls must be constructed or existing controls altered to address the changing drainage patterns.

### **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.

Waste Disposal. Containers (e.g., dumpsters, drums) must be available for the proper collection of all waste material including construction debris, sanitary garbage, petroleum products, and any hazardous waste materials to be used on-site. Containers must be covered and not leaking; all containers must be appropriately labeled. All waste material must be disposed of at facilities approved by the Ohio EPA for that material.

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

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

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

Equipment Fueling and Maintenance. Oil changing, equipment refueling, maintenance on hydraulic systems, etc., must be performed away from waterbodies, ditches, or storm drains and in an area designated for that purpose. The designated area must be equipped for recycling oil and catching spills. Secondary containment must be provided for all fuel and oil storage tanks. These areas must be inspected every seven (7) days and within 24 hours of a one half (0.5)-inch or greater rain event to ensure there are no exposed materials which would contaminate stormwater. Site



operators must be aware that Spill Prevention Control and Countermeasures (SPCC) requirements may apply. An SPCC plan is required for sites with one (1) single aboveground tank of 660 gallons or more, accumulative aboveground storage of 1,320 gallons or more, or 42,000 gallons of underground storage.

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

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

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

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

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

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

Air Permitting Requirements. All contractors and subcontractors must be made aware that certain activities associated with construction will require air permits. Activities including, but not limited to, mobile concrete batch plants, mobile asphalt plants, concrete crushers, generators, etc., will require specific Ohio EPA Air Permits for installation and operation. Dominion must seek authorization from the corresponding district of Ohio EPA for these activities. Notification for Restoration and Demolition must be submitted to Ohio EPA for all commercial sites to determine if asbestos abatement actions are required.

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

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

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

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

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

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

### **3.9 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 personnel or a designated representative at least once every seven (7) calendar days and within 24 hours after any storm event greater than one-half (0.50)-inch of rain per 24-hour period, as determined by Dominion personnel or a designated representative using National Weather Service or other acceptable resources such as an on-site rain gauge.
- Inspection frequency may be reduced to at least once every month if the entire site is temporarily stabilized or runoff is unlikely due to weather conditions (e.g., site is covered with snow, ice, or the ground is frozen). A waiver of inspection requirements is available from Ohio EPA until one (1) month before thawing conditions are expected to result in a discharge if all of the following conditions are met: the Project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one (1) month); land disturbance activities have been suspended; and the beginning and ending dates of the waiver period are documented in the SWP3. Dominion will obtain the waiver at the request of the contractor.
- Once a definable area has reached final stabilization as defined in Section 3.2 Upland Erosion Control Practices, the area may be marked on the SWP3 and no further inspection requirements apply to that portion of the site.
- A Dominion or designated representative “qualified inspection personnel” must conduct inspections to ensure that the control practices are functional and to evaluate whether the SWP3 is adequate and properly implemented in accordance with the schedule or whether additional control measures are required.
- Following inspection, a checklist must be completed and signed by the qualified inspection personnel representative. The checklist is provided in Appendix F. The record and certification must be signed in accordance with Ohio Permit OHC000004.
- Inspection reports must be maintained for three (3) years following the submittal of a Notice of Termination.
- For BMPS that require repair or maintenance, BMPs must be repaired or maintained within three (3) days of the inspection; sediment settling ponds must be repaired or maintained within ten (10) days of the inspection.
- For BMPs that are not effective and that another, more appropriate BMP is required, the SWP3 must be amended and the more appropriate BMP must be installed within ten (10) days of the inspection.
- For BMPs depicted on the SWP3 that have not been actually installed onsite, the control practice must be implemented within ten (10) days from the inspection.

#### **4.0 APPROVED STATE OR LOCAL PLANS**

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

## **5.0 EXCEPTIONS**

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

## **6.0 NOTICE OF TERMINATION REQUIREMENTS**

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

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

## 7.0 CERTIFICATION

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

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

---

Signature

---

Date

---

Printed Name

---

Title

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

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

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

\_\_\_\_\_  
Primary Contractor Name

\_\_\_\_\_  
\_\_\_\_\_  
Primary Contractor Address

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Subcontractor Name

\_\_\_\_\_  
Subcontractor Address

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

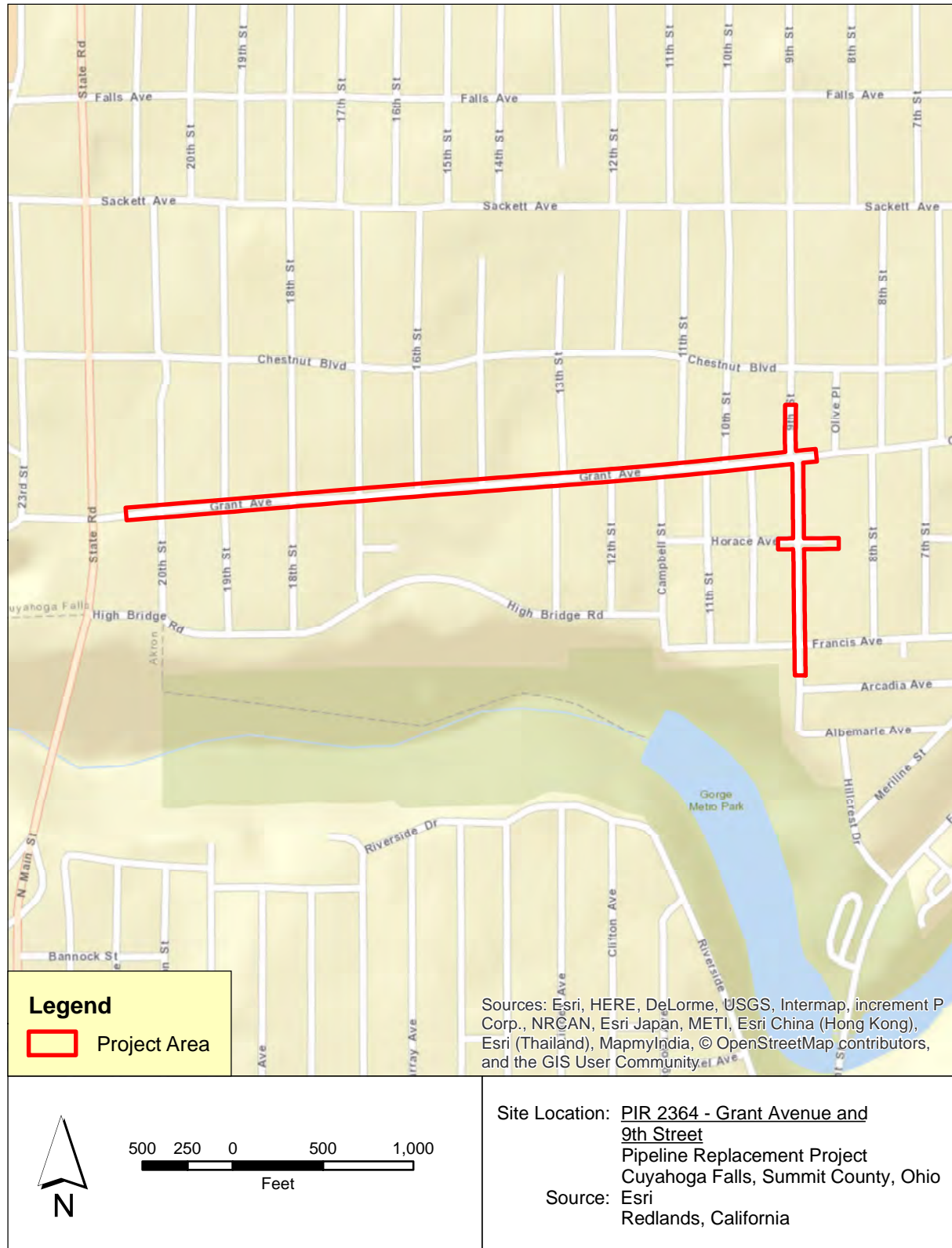
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## **APPENDIX A**

### **Site Location Maps**

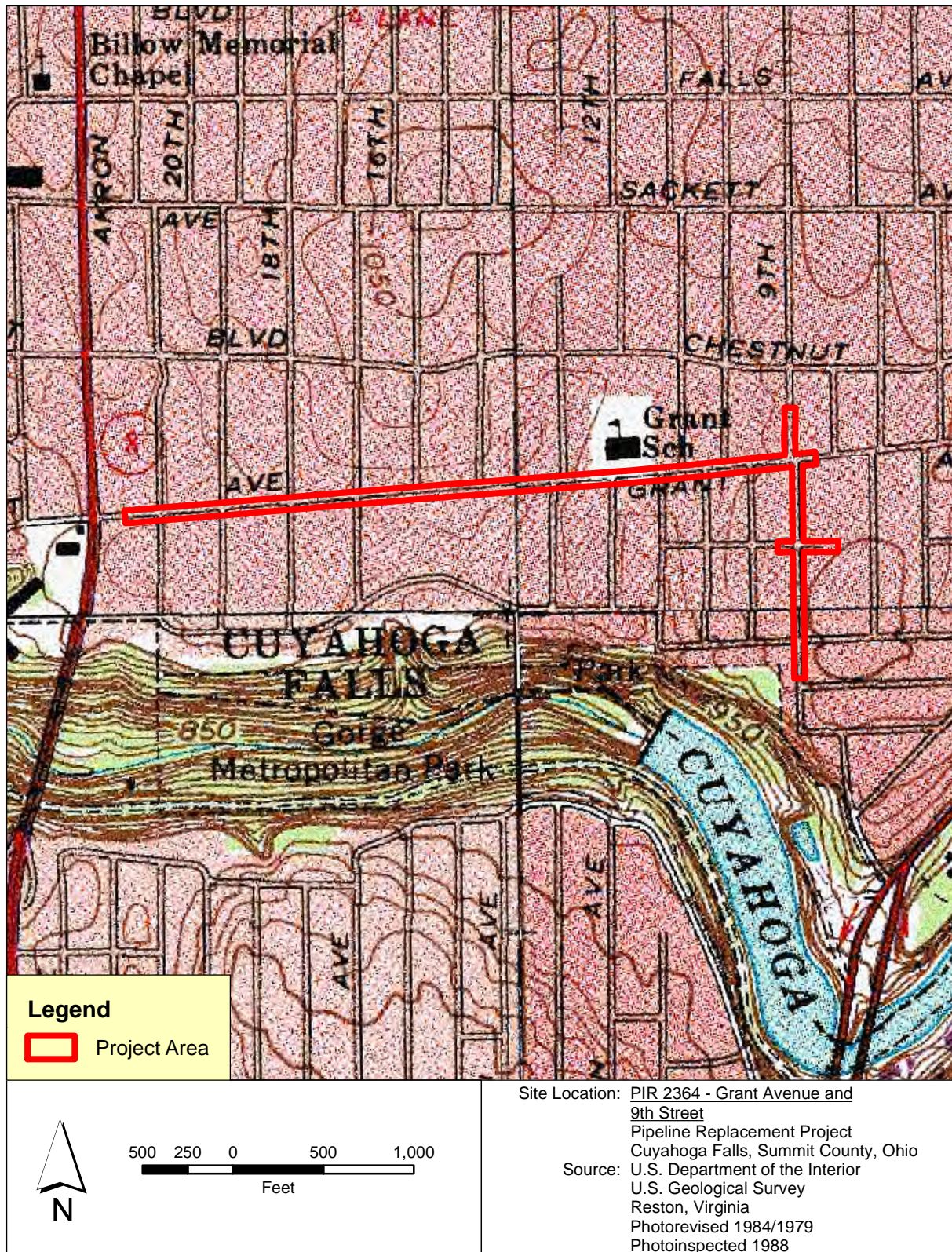


## Location of Project Area on Highway Map





**Location of Project Area on  
USGS 7.5-Minute Topographic Maps  
(Akron East, Hudson, and Peninsula Quadrangles)**



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## **APPENDIX B**

### **Existing Soil Data**



## Soils Information for Project Area



***Appendix B - Soil Types & Descriptions***

<b>Soil Type</b>	<b>Map Symbol</b>	<b>Slope</b>	<b>Material</b>	<b>Drainage Capacity</b>	<b>Location</b>	<b>Depth to Water Table</b>	<b>Depth to Restrictive Feature</b>	<b>K Factor, Whole Soil (Erosibility)</b>
Chili-Urban land complex, undulation	CuB	2 to 6 percent	70% Chili silt loam; 30% Urban land	Well drained	Terraces	More than 80 inches	More than 80 inches	.37
Ellsworth-Urban land complex, 2 to 6 percent slopes	EuB	2 to 6 percent	45% Ellsworth silt loam; 30% Urban land	Moderately well drained	Till plains	About 11 to 24 inches	More than 80 inches	.43
Mahoning-Urban land complex, 0 to 2 percent slopes	Mn	0 to 2 percent	45% Mahoning silt loam; 35% Urban land	Somewhat poorly drained	Till plains	About 6 to 12 inches	More than 80 inches	.43

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## **APPENDIX C**

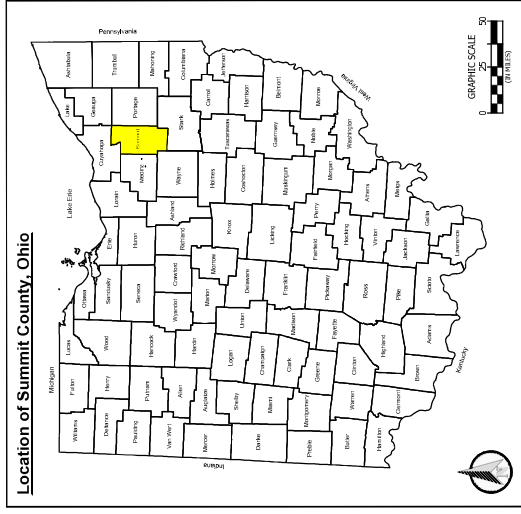
### **Detailed Erosion and Sediment Control Location Drawings**



# Map View Location Map



Approximate study area



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



Prepared for:  
**The East Ohio Gas Company**

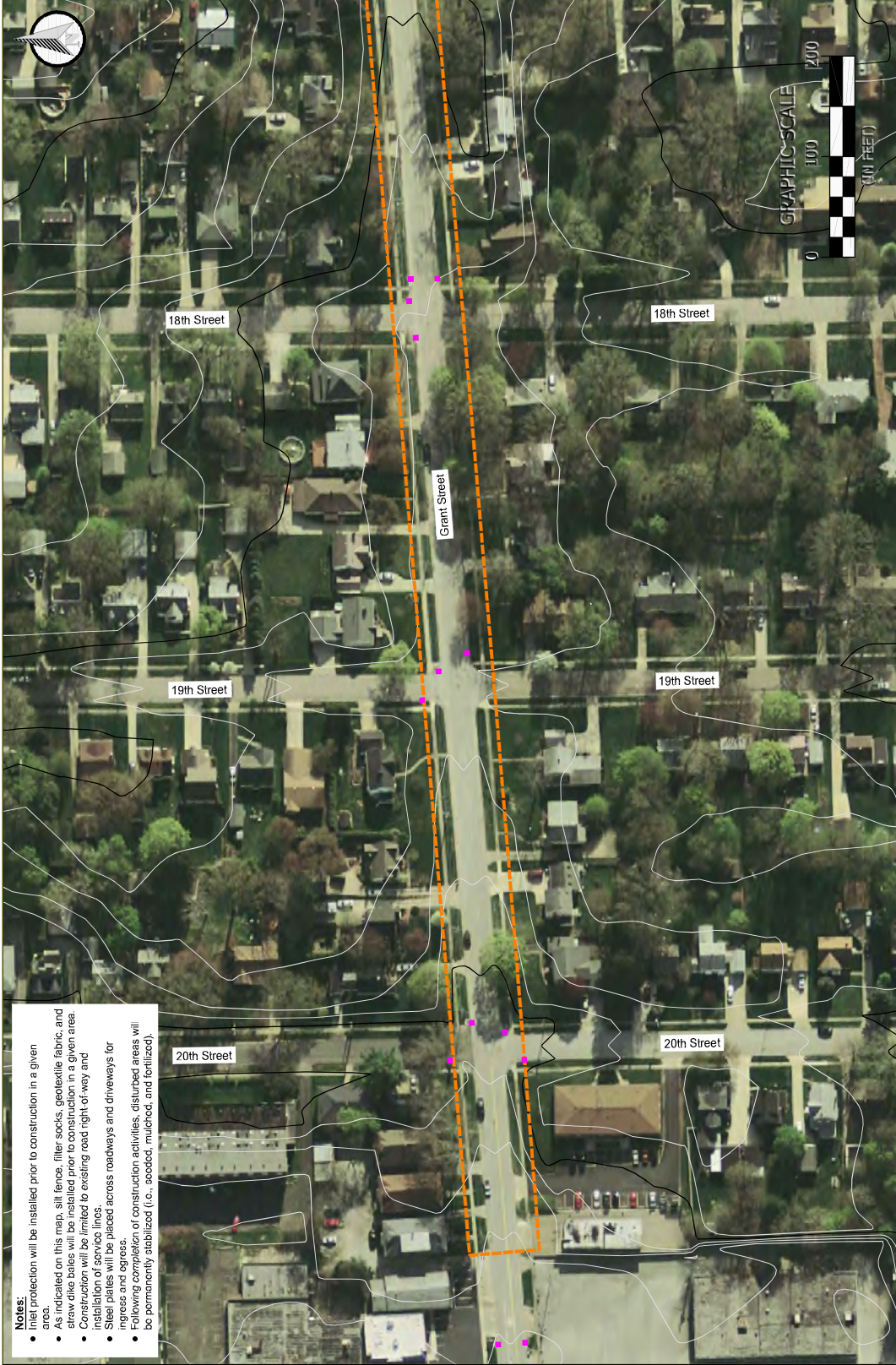
**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on November 15, 2016





- Notes:**
- Inlet protection will be installed prior to construction in a given area.
  - As indicated on this map, silt fence, filter socks, geotextile fabric, and cover cloth will be installed prior to construction in a given area.
  - Cover cloth will be installed to existing road right-of-way and installation of service lines.
  - 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).



- = Inlet (curbside)
- = Inlet (grate)
- = Filter sock/check dam

- = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on  
November 15, 2016

Map  
View **1**  
of **4**



- Notes:**
- Inlet protection will be installed prior to construction in a given area.
  - As indicated on this map, silt fence, filter socks, geotextile fabric, and straw bale dikes will be installed prior to construction in a given area.
  - Construction will be limited to existing road right-of-way and installation of service lines.
  - 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).



- = Inlet (curb-side)
- = Inlet (grate)
- = Filter sock/check dam

- = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on November 15, 2016

Map  
View **2**  
of **4**



- Notes:**
- Inlet protection will be installed prior to construction in a given area.
  - As indicated on this map, silt fence, filter socks, geotextile fabric, and straw bale ditches will be installed prior to construction in a given area.
  - Construction will be limited to existing road right-of-way and installation of service lines.
  - 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).



- = Inlet (curb-side)
- - - = Inlet (grate)
- = Filter sock/check dam

- - - = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared by:  
**The East Ohio Gas Company**

**PIP 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map was collected on November 15, 2016

Map View **3** of **4**





**Notes:**

- Inlet protection will be installed prior to construction in a given area.
- As indicated on this map, silt fence, filter socks, geotextile fabric, and straw bale ditches will be installed prior to construction in a given area.
- Construction will be limited to existing road right-of-way and installation of service lines.
- 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).

- Inlet (curb side)
- Inlet (grate)
- = Filter sock/check dam

- Approximate study area
- Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on November 15, 2016

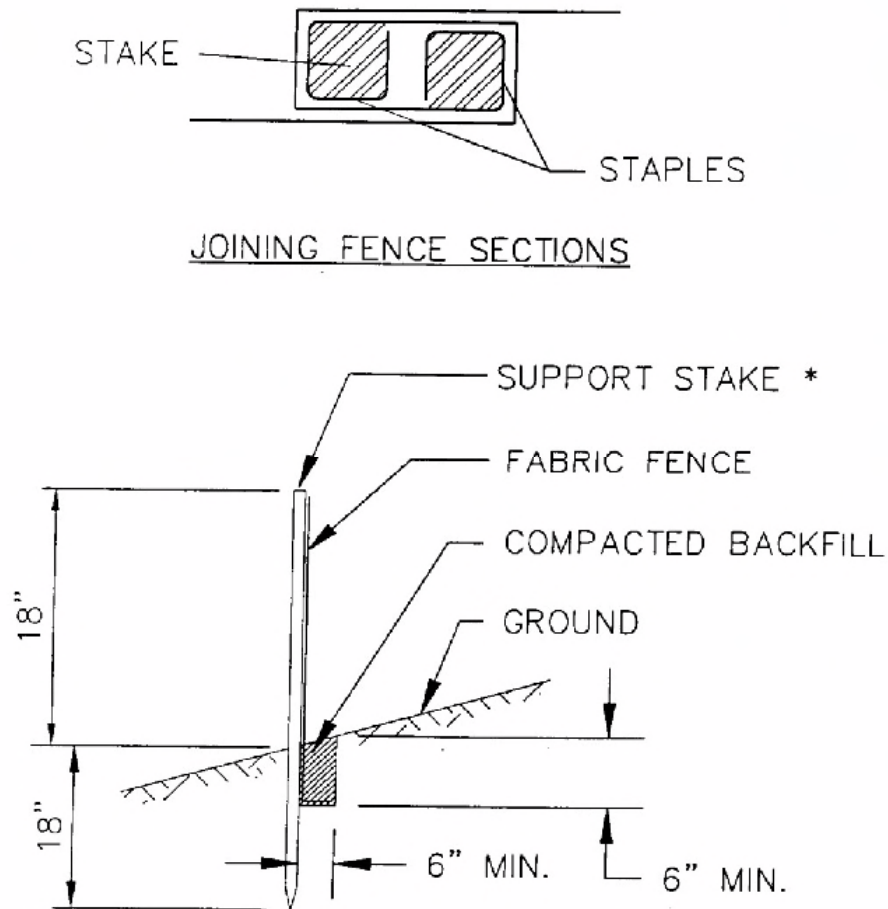
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## **APPENDIX D**

### **Typical Erosion and Sediment Control Drawings**

## DETAIL D-1

### FILTER FABRIC FENCE DETAIL



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

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

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

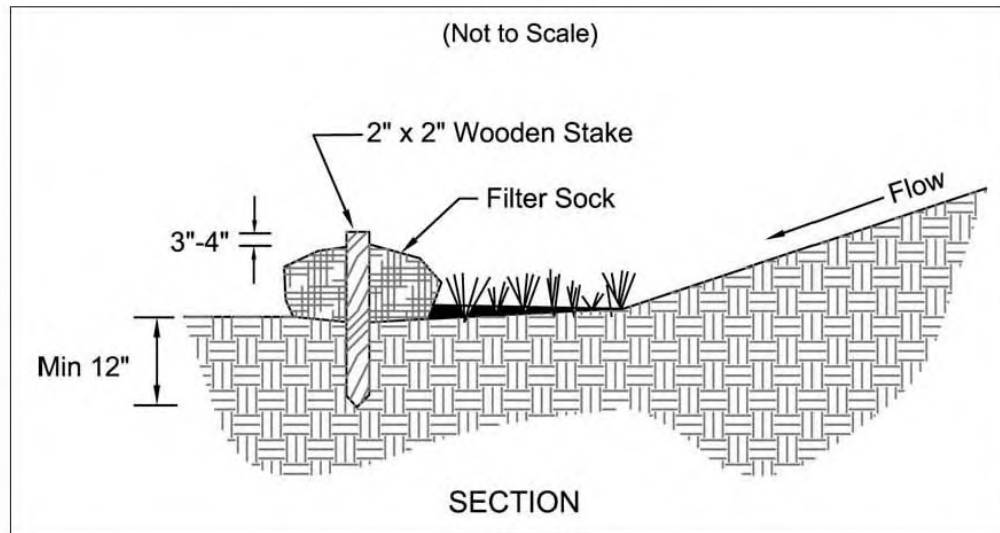
Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

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



## DETAIL D-2

### FILTER SOCK DETAIL



1. Materials – Compost used for filter socks shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of 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.

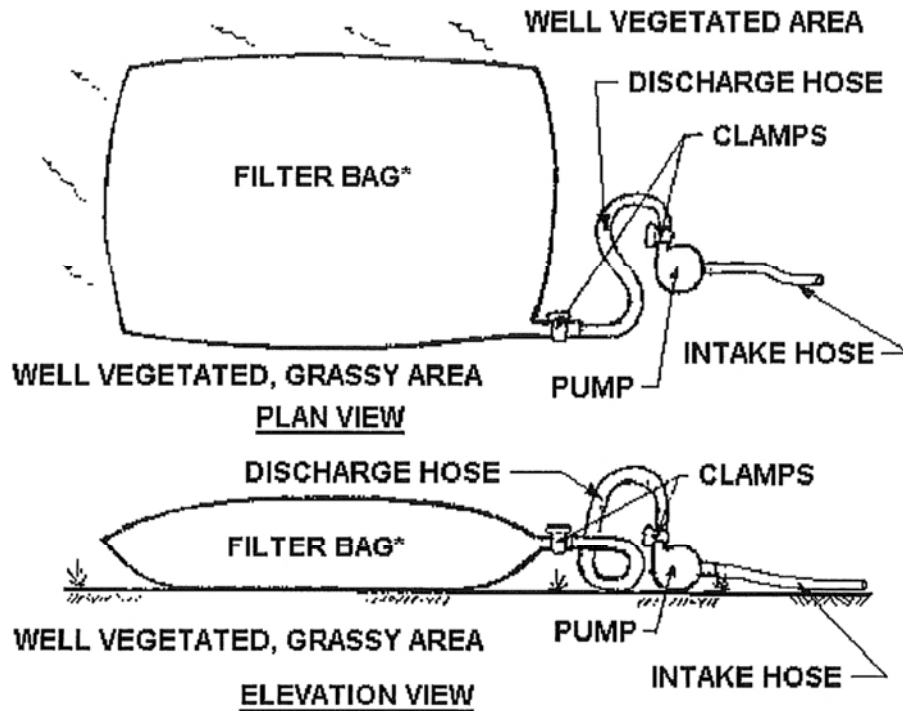
5. Filter Socks are not to be used in concentrated flow situations or in runoff channels.

#### 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.

## DETAIL D-3

### PUMPED WATER FILTER BAG DETAIL



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

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

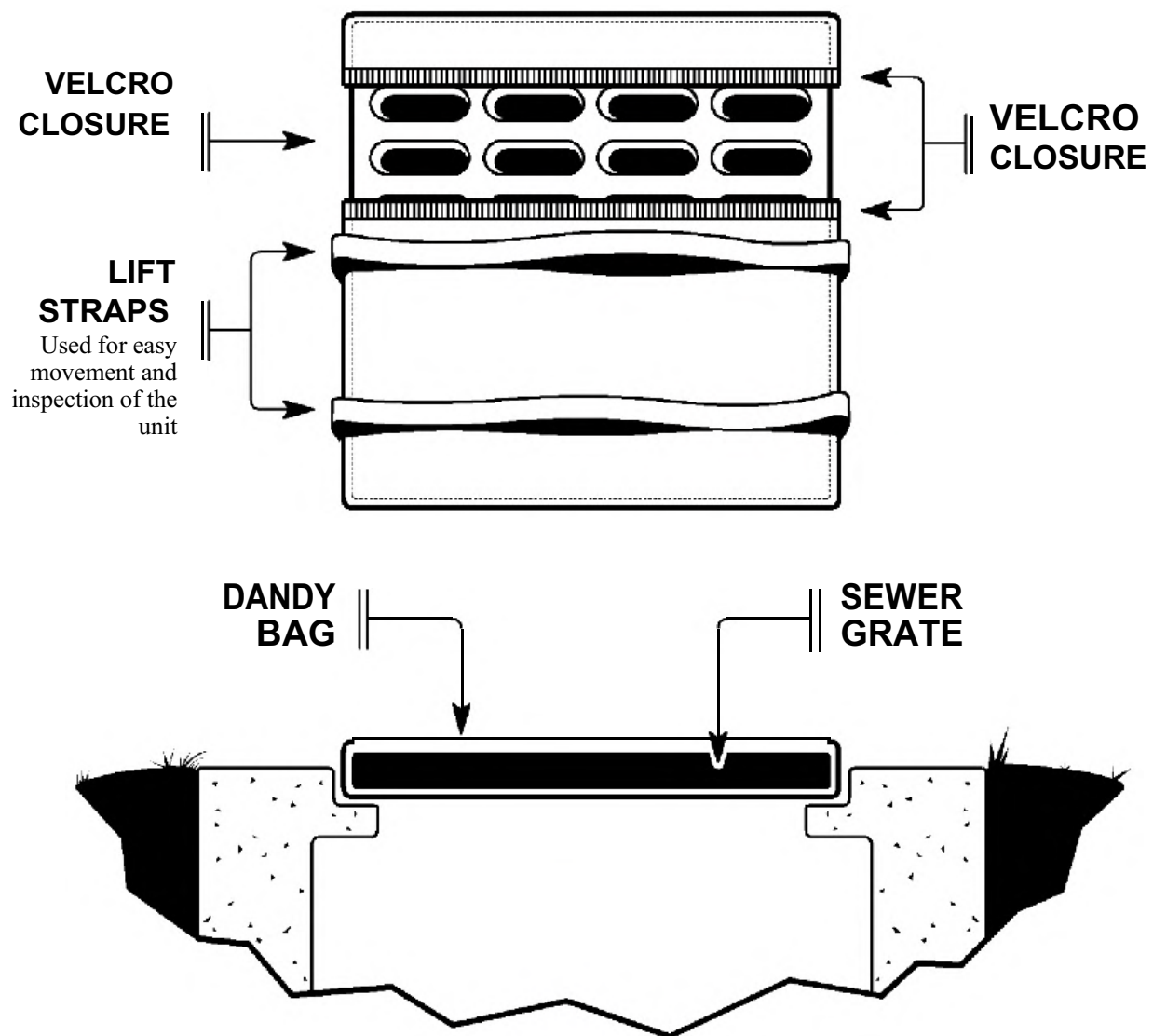
Bags shall be located in a well-vegetated (grassy) area, and discharge onto stable, erosion resistant areas. Where this is not possible, a geotextile flow path shall be provided. Bags should not be placed on slopes greater than 5%.

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

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

## **DETAIL D-4A**

### **DANDY BAG® INLET PROTECTION DETAIL**



#### **Installation:**

Place the empty Dandy Bag® over the grate as the grate stands on end.

Tuck the enclosure flap inside to completely enclose the grate.

Holding the lifting devices, insert the grate into the inlet being careful not to damage the Dandy Bag® unit.

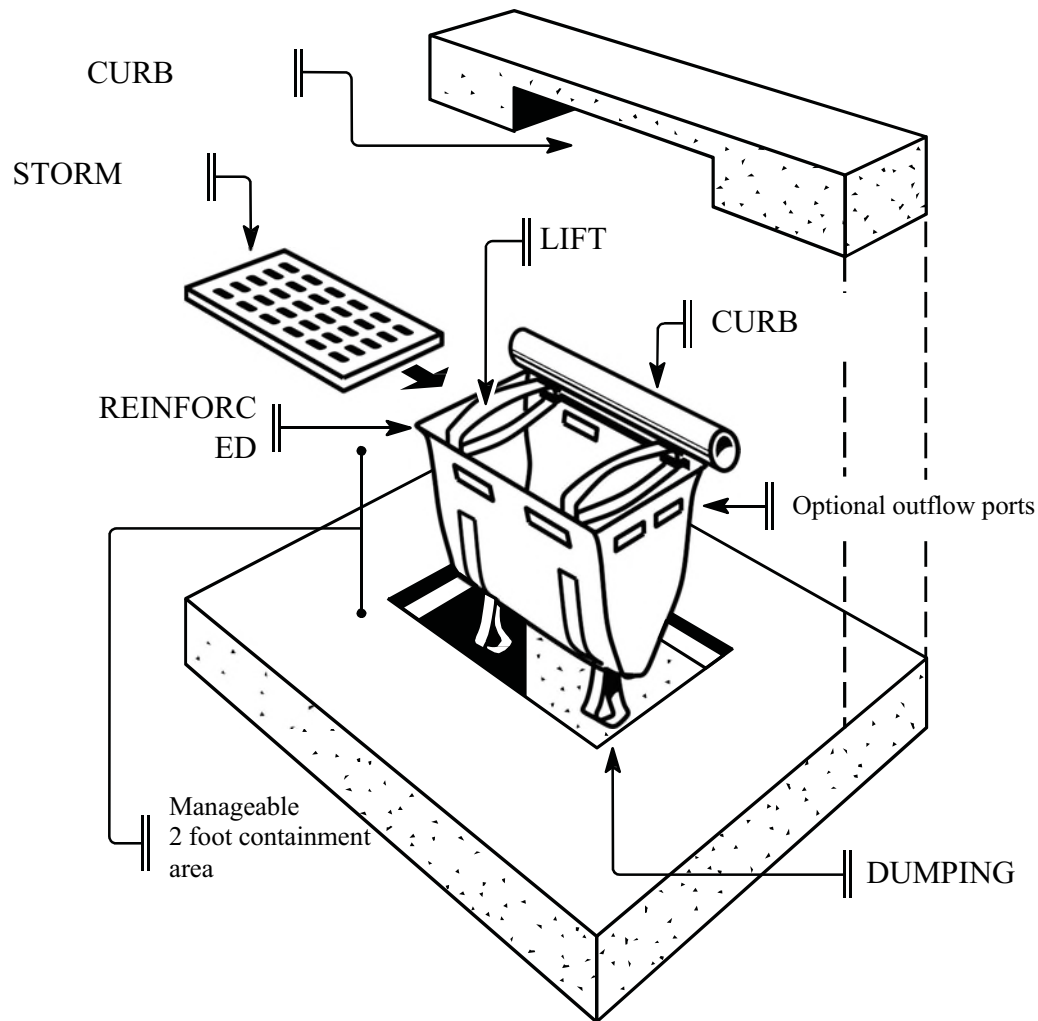
#### **Maintenance:**

The contractor shall remove all accumulated sediment and debris from surface and vicinity of unit after each rain event or as directed by engineer/inspector. Dispose of unit no longer in use at an appropriate recycling or solid waste facility.



## **DETAIL 4B**

### **DANDY CURB SACK® INLET PROTECTION DETAIL**



**Installation:** Remove the grate from the catch basin. For Oil and Sediment Model; to install or replace absorbent, place absorbent pillow in unit, on the bottom (below-grade side) of the unit. Stand the grate on end. Move the top lifting straps out of the way and place the grate into the Dandy Curb Sack® unit so that the grate is below the top straps and above the lower straps. The grate should be cradled between the upper and lower straps. Holding the lifting devices, insert the grate into the inlet, then lower back edge with cylindrical tube into place, being careful that the grate remains in place and being careful not to damage the Dandy Curb Sack® unit. The cylindrical tube should partially block the curb hood opening when installed properly.

**Maintenance:** Remove all accumulated sediment and debris from vicinity of unit after each storm event. After each storm event and at regular intervals, look into the Dandy Curb Sack® unit. If the unit is more than 1/3 full of accumulated sediment, the unit must be emptied. To empty the unit, using the lifting straps lift the unit out of the inlet and remove the grate. Transport the unit to an appropriate location for removal of the contents. Holding the dumping straps on the outside at the bottom of the unit, turn the unit upside down, emptying the contents. Reinstall unit as above. For Oil and Sediment Model; remove and replace absorbent when near saturation. Dispose of unit and/or absorbent in accord with applicable Federal, state and local environmental laws and regulations.

---

## **APPENDIX E**

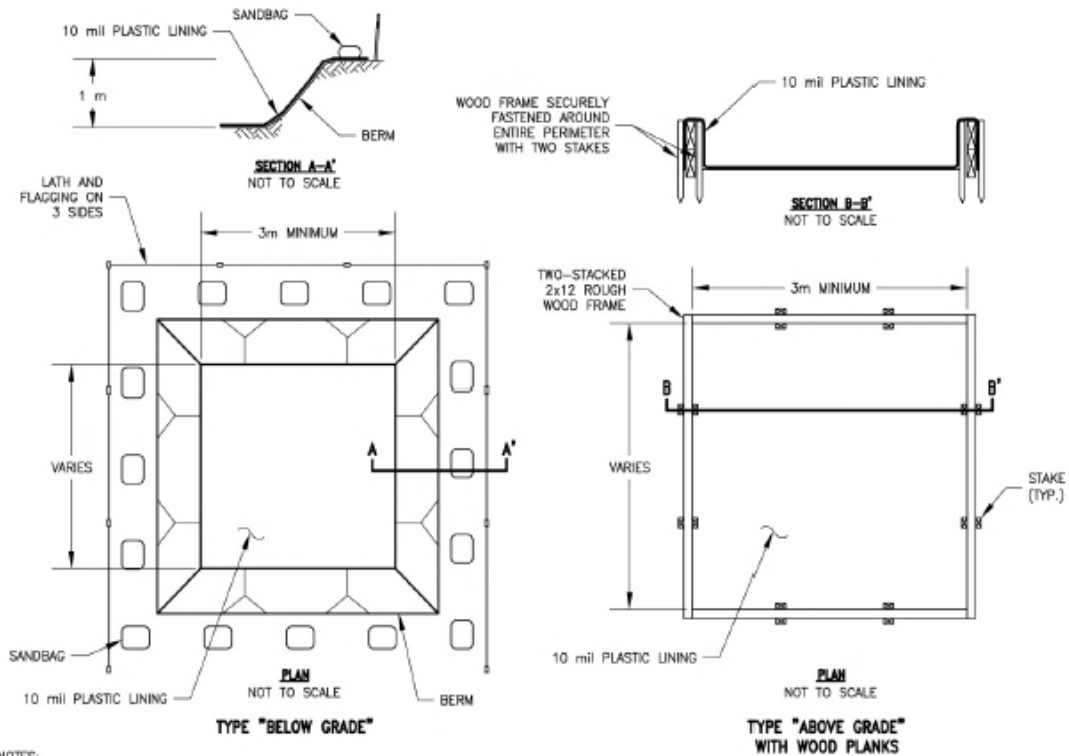
### **Concrete Washout Detail**

# DETAIL E-1

## Concrete Washout Detail

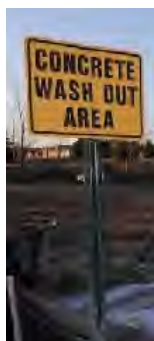
**Note:** This detail to be used in the absence of the following concrete washout BMPs:

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



**NOTES:**

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE PAGE 6) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASH-OUT FACILITY.



**Sign Examples**



**Photograph of the "ABOVE GRADE" concrete washout structure**

---

## **APPENDIX F**

### **SWP3 Inspection Form**

## ECTS Checklist Guidance

---

Checklist Title: SWP3 Inspection Form

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

---

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

- **Information at the top of the form.**

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

- **Inspection Documentation Area:**

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

- **Information on Second Page.**

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

Checklist Owner: Tara Buzzelli

Local: 8-657-2579

Work: 330-664-2579

Cell: 330-604-8871

Email: Tara.E.Buzzelli@dom.com

Subject Matter Expert: Greg Eastridge

Local: 8-657-2576

Work: 330-664-2576

Cell: 330-571-7855

Email: Gregory.K.Eastridge@dom.com

Date of Last Revision: December 2012

## OHIO SWP3 INSPECTION FORM

Site Name: PIR 2364 – Grant Avenue and 9<sup>th</sup> Street

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

Inspector Signature:

**Weekly**

**Monthly**

**Routine Inspection**

**Precipitation Event >0.5"**

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

Date:

Site: PIR 2364 – Grant Avenue and 9<sup>th</sup> Street

---

**Stormwater Pollution Prevention Plan Inspection Form**

---

**Construction Inspector(s) On Site:**

---

**Unresolved issues from previous inspections:**

---

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

---

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

---

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

---

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

---

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

---

**List any new areas at final grade since last inspection:**

---

**Is the inlet protection of appropriate design?**

---

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

---

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

---

**Notes:**

---



---

## **APPENDIX G**

### **NOI Application**



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

(Read accompanying instructions carefully before completing this form.)

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

### I. Applicant Information/Mailing Address

**Company (Applicant) Name:** The East Ohio Gas Company

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

**City:** Akron

**State :** OH

**Zip Code:** 44333

**Country:** USA

**Contact Person:** Tara Buzzelli

**Phone:** (330) 664-2579

**Fax:** (330) 664-2669

**Contact E-mail Address:** Tara.E.Buzzelli@dominionenergy.com

### II. Facility/Site Location Information

**Facility/Site Name:** PIR 2364 Grant Avenue and 9th Street

**Facility Address:** Grant Ave, 9th Street, and Horace Ave

**City:** Cuyahoga Falls

**State:** OH

**Zip Code:** 44221

**County:** Summit

**Township:**

**Facility Contact Person:** Wendy Fee

**Phone:** (330) 664-2405

**Fax:** (330) 664-2691

**Facility Contact E-mail Address:** Wendy.S.Fee@dominionenergy.com

**Latitude:** 41.12702

**Longitude:** -81.49925

**Facility/Map Attachment** PIR 2364\_USGS Map.pdf

**Receiving Stream or MS4:** Cuyahog Falls MS4

### III. General Permit Information

**General Permit Number:** OHC000004

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

**Type of Activity:** Construction Site Stormwater General Permit

**SIC Code(s):**

**Existing NPDES Facility Permit Number:**

**ODNR Coal Mining Application Number:**

**If Household Sewage Treatment System, is system for:**

**New Home Construction:**

**Replacement of failed existing system:**

**Outfall**

**Design Flow (MGD):**

**Associated Permit Effluent Table:**

**Receiving Water :**

**Latitude**

**Longitude**

**Are These Permits Required?**

**PTI:** NO

**Individual 401 Water Quality Certification:** NO

**Individual NPDES:** NO

**Isolated Wetland:** NO

**U.S. Army Corp Nationwide Permit:** NO

**Proposed Project Start Date(if applicable):** February 01, 2018

**Estimated Completion Date(if applicable):** December 31, 2018

**Total Land Disturbance (Acres):** 1.6

**MS4 Drainage Area (Sq. Miles):**

**SWP3 Attachment(s):** <None>

### IV. Payment Information

**Check #:**

**Check Amount:**

**Date of Check:**

**For Ohio EPA Use Only**

**Check ID(OFA):**

**ORG #:**

**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.

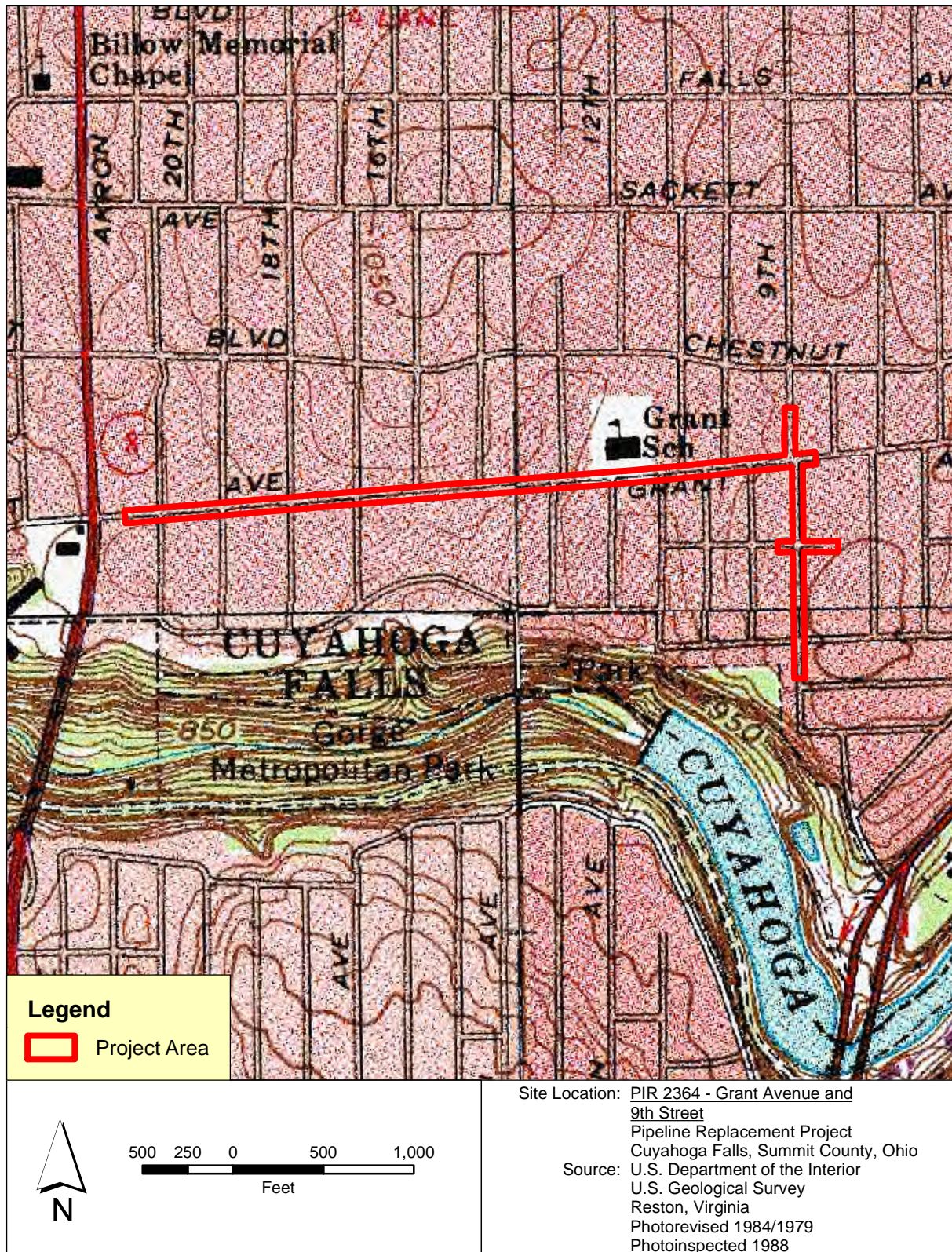
**Applicant Name (printed or typed):**

**Title:**

<b>Signature:</b>	<b>Date:</b>
-------------------	--------------



**Location of Project Area on  
USGS 7.5-Minute Topographic Maps  
(Akron East, Hudson, and Peninsula Quadrangles)**





**Ohio EPA**  
**General NOI Application Fee Invoice**  
Division of Surface Water



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

**Transaction ID:** 1006746  
**DATE:** 07/17/2017  
**Payment Due:** 08/16/2017  
**Revenue ID:** 1158337

**Facility:**  
PIR 2364 Grant Avenue and 9th Street  
Grant Ave, 9th Street, and Horace Ave  
Cuyahoga Falls, OH 44221

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

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

**Balance Due** **\$200.00**

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

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

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

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

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

**Pay To:**  
Treasurer, State of Ohio

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

<b>Transaction ID:</b>	1006746
<b>Revenue ID:</b>	1158337
<b>Amount Due:</b>	\$200.00
<b>Revenue Type:</b>	DSW- General Permit NOI - Other(APRON)
<b>Amount Enclosed:</b>	

For internal Ohio EPA use only.	
Check #:	
Check ID #:	
Postmark Date:	

UNITED STATES POSTAL SERVICE

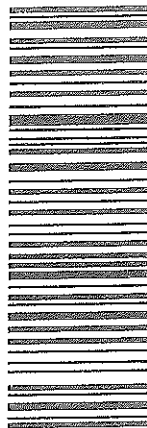


First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Dominion Energy Ohio  
Tara Buzzelli  
320 Springside Dr., Suite 320  
Akron, OH 44333

PIR1211, 2338, 2364



7005 1820 0004 0659 8108  
7005 1820 0004 0659 8108

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL<sup>TM</sup> RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

OFFICIAL USE

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

Postmark  
Here

Sent To OEPA NOI  
Street, Apt. No.,  
or PO Box No. PIR1211, 2338, 2364  
City, State, ZIP+4<sup>®</sup> Please return to T. Buzzelli, floor  
USPS Form 3800, June 2002

P MARK MESSERSMITH  
1001 DOMINION FLEX  
DOMINION-AKRON - 320 SPRINGSIDE  
320 SPRINGSIDE DR  
AKRON OH 44333

Revenue 10 1158337 Commercial Convenience Check 523

July 19, 2017 68-1/510  
Date

Pay to the order of Treasurer, State of Ohio \$ 200.00  
Two hundred dollars and 00/100 Dollars

Revenue ID # 1158337

Bank of America

Bank of America, N.A.  
Richmond, VA

Void after 60 days  
For Deposit Only

For PIR 2364 OEPA NOI  
MWO# 6337 3506

*P. M. Messersmith*

**Attachment 3**

**Ohio EPA NOI Approval Letter**



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

Jul 31, 2017

The East Ohio Gas Company  
Tara Buzzelli  
320 Springside Drive, Suite 320  
Akron, OH 44333

Re: Approval Under Ohio EPA National Pollutant Discharge Elimination System (NPDES) - Construction Site Stormwater General Permit - OHC000004

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.

<b>Facility Name:</b>	PIR 2364 Grant Avenue and 9th Street
<b>Facility Location:</b>	Grant Ave, 9th Street, and Horace Ave
<b>City:</b>	Cuyahoga Falls
<b>County:</b>	Summit
<b>Township:</b>	
<b>Ohio EPA Facility Permit Number:</b>	3GC09519*AG
<b>Permit Effective Date:</b>	Jul 31, 2017

Please read and review the permit carefully. The permit contains requirements and prohibitions with which you must comply. 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 NPDES CGP. 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. Also, a Permit-To-Install (PTI) is required for the construction of sanitary or industrial wastewater collection, conveyance, storage, treatment, or disposal facility; unless a specific exemption by rule exists. 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.

To view your electronic submissions and permits please Logon in to the Ohio EPA's eBusiness Center at <http://ebiz.epa.ohio.gov>.

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 <http://www.epa.ohio.gov>.

Sincerely,

Craig W. Butler  
Director



Commercial Convenience Check 524

P MARK MESSERSMITH  
1001 DOMINION FLEX  
DOMINION-AKRON - 320 SPRINGSIDE  
320 SPRINGSIDE DR  
AKRON OH 44333

July 19, 2017 68-1/510  
Date

Pay to the  
order of

Summit SWCD

\$ 650.00

Six hundred fifty dollars and no/cents

Dollars



Void after 60 days  
For Deposit Only

Bank of America



Bank of America, N.A.  
Richmond, VA

PIR 2364 ENV. SWPPP Review

For MUO # 6337 3506

Paul Messersmith MP

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



August 2, 2017

**BY FEDEX**

Russ King, Storm Water Administrator  
Storm Water  
2560 Bailey Road  
Cuyahoga Falls, Ohio 44221

**RE: The East Ohio Gas Company – Pipeline Infrastructure Replacement Program**  
**Construction Storm Water Application**  
**PIR 2364 – Grant Avenue and 9<sup>th</sup> Street**

Dear Mr. King:

Please review the following information regarding the East Ohio Gas Company (EOG) Pipeline Infrastructure Replacement (PIR) project, PIR 2364 – Grant Avenue and 9<sup>th</sup> Street. EOG is proposing to replace natural gas pipeline under the PIR Program. The purpose of the program is to replace existing pipe with corrosion-resistant pipe to ensure the safety and reliability of pipeline operations.

The PIR 2364 project is located in Cuyahoga Falls, within existing EOG easements in the road right-of-way of Grant Avenue, 9<sup>th</sup> Street, and Horace Avenue.

The following documents are included for your review:

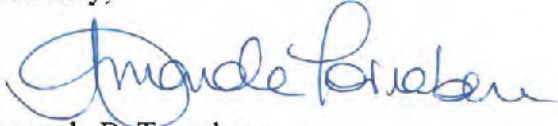
- Summit County Soil and Water Conservation District (SWCD) Application and Checklist (Attachment 1) – one (1) copy
- Ohio EPA NOI Approval Letter (Attachment 2) – one (1) copy
- Storm Water Pollution Prevention Plan (SWPPP) (Attachment 3) – one (1) copy

The anticipated start date for this project is February, 2018. Your timely review and approval of this SWPPP is appreciated. Please direct your response to:

Tara Buzzelli  
Environmental Specialist  
320 Springside Drive, Suite 320  
Akron, Ohio 44333  
Tara.E.Buzzelli@dominionenergy.com

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

Sincerely,



Amanda B. Tornabene  
Director, Environmental Services (Corporate Air, Gas Infrastructure, Power Delivery)

Enclosures

cc: Tara Buzzelli

**Attachment 1**

**Summit County SWCD Application and Checklist**



**Summit Soil & Water  
Conservation District**  
1180 S Main Street, Ste. 241  
Akron, OH 44301  
Phone: (330) 929-2871  
www.summitswcd.org

**Storm Water  
Pollution  
Prevention Plan  
(SWPPP)  
Application**

-For Summit SWCD Use Only-

Date Submittal Received  Date  Fee

**Site Information**

Site Name  Phase  NPDES#

If applicable

Location  
(if applicable)

Parcel #

(Include address or description  
and township, city or village)

Watershed  
(Cuyahoga,  
Tinkers Creek...)

Site Type  
(Residential,  
commercial, government)

Total Site Acreage

Total Disturbed Acreage (Includes clearing,  
grubbing, excavating, filling, off-site borrow areas)

Total Number  
of Sublots

Prior Land Use

**Post Construction Long Term Maintenance Agreement**

Yes or No

**Contact Information**

Professional  
Engineer/Plan  
Preparer

Contractor

Site Owner or  
Developer

Builder

## Summit Soil & Water Conservation District

Storm Water Pollution  
Prevention Plan  
(SWPPP)  
Application  
Page 2 of 2

### Additional Site Information

Site Entrance  
Street Name

Grant Avenue at State Road

### Geographical coordinates

Latitude (Decimal Degree) Longitude (Decimal Degree)

Post Construction WQ Practice #1

N

W

Post Construction WQ Practice #2

N

W

Post Construction WQ Practice #3

N

W

Post Construction WQ Practice #4

N

W

Storm Water Outfall to MS4

N

W

Storm Water Outfall to MS4

N

W

Storm Water Outfall to MS4

N

W

Email Post Construction WQ Practice Details to: [staff@summitswcd.org](mailto:staff@summitswcd.org)

Setbacks, Easements or Other Restrictions  
(Riparian, Wetland) Please Describe

All work will be restricted to road  
and/or utility right-of-way/easement

Are there jurisdictional wetlands or streams on the site  
that will be impacted or disturbed? If yes, date of  
jurisdictional determination. Include copy of delineation  
and letter from USACE or OEPA.

No

List all Permits Obtained for this project.

Date  
pending

Permit  
OHC000004

Issuing Agency  
Ohio EPA

THE OWNER OF THE DEVELOPMENT AND /OR UNDERSIGNED, DO HEREBY COVENANT AND  
AGREE TO COMPLY WITH ALL OF THE LAWS OF THE STATE OF OHIO AND THE REGULA-  
TIONS OF THE COUNTY OF SUMMIT, PERTAINING TO EARTHWORK (INCLUDING EROSION/  
SEDIMENT CONTROL AND WATER QUALITY REQUIREMENTS) 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.

APPLICATION BY Paul Johanning, Director, Gas Operations

ADDRESS

320 Springside Drive, Suite 320, Akron OH 44333

No. Street and Zip

SIGNATURE

*Paul Johanning*  
Print

PHONE: 330-664-2579

EMAIL

Contact: Tara Buzzelli

Tara.E.Buzzelli@  
dominionenergy.com



# Summit Soil and Water Conservation District Storm Water Pollution Prevention Plan (SWP3) Checklist

Modified from the Ohio EPA SWP3 Checklist (Revised January 2017)

**SITE NAME:** The East Ohio Gas Company  
PIR 2364 - Grant Avenue and 9th Street

**DATE RECEIVED:**

**REVIEWER:**

**DATE REVIEWED:**

**Part IIIG.1. Site Description.** Operations that discharge storm water from construction activities are subject to the following requirements and the SWP3 shall include the following items:

<b>Does the SWP3...</b>	<b>Y</b>	<b>N</b>	<b>Comments</b>
<b>a.</b> describe the nature and type of construction activity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Natural gas distribution pipeline replacement project, extends approximately 7,083 feet in length
<b>b.</b> describe the total area of the site that is expected to be disturbed (i.e., the area of grubbing, clearing, excavating, filling, or grading. Off-site borrow or fill areas must be included in the SWPPP)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.6 acres
<b>c.</b> include a calculation of the runoff coefficients for both the pre-construction and post-construction site conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	All sites will be restored to pre-construction contours and cover type (Section 2.2 in SWPPP)
<b>d.</b> include an estimation of the impervious area and percent imperviousness as a result of the construction activity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New impervious areas will not be created. All areas will be restored to pre-construction material, condition, and contours. (See section 2.2 in SWPPP)
<b>e.</b> include any existing data describing the soil? provide any information on the quality of the storm water discharge from the construction site? <i>NOTE: If this data is not available, it does not need to be included.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.3 and the Soils map in Appendix B in SWPPP
<b>f.</b> include any information about prior land uses at the site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.4 in SWPPP
<b>g.</b> include an implementation schedule which describes the sequence of major construction operations (i.e., grubbing, excavating, grading, utilities and infrastructure installation) and the implementation of erosion, sediment and storm water management practices or facilities to be employed during each operation of the sequence?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 2.5 in SWPPP
<b>h.</b> include the name(s) or location(s) of the initial and subsequent surface water bodies receiving the storm water discharge? For discharges to an MS4 is the point of discharge into the MS4 and the ultimate receiving stream noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cuyahoga Falls MS4 and Cuyahoga River HUC (04110002)
<b>i.</b> include a detail drawing of typical individual lot sediment and erosion controls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>j.</b> include the location and description of storm water discharges associated with dedicated asphalt and/or concrete batch plants serving this project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>k.</b> include a copy of the NPDES construction storm water general permit requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attached
<b>l.</b> include a cover page identifying the name and location of the site, the name and contact information for site operators, the name and contact information of the SWPPP authorization agent (engineer) , the preparation dates, and the estimate start and completion dates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See the cover page of the SWPPP
<b>m.</b> include a SWP3 modification / inspection log to be updated in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Appendix F of the SWPPP

## Part III G.1.n Site map requirements

A detailed site map is required by the NPDES construction storm water general permit. **The site map must include the following items:**

<b>Does the SWPPP...</b>	<b>Y</b>	<b>N</b>	<b>Comments</b>
<b>i.</b> describe the limits of earth-disturbing activity of the site including associated offsite borrow or spoil areas that are not addressed by a separate NOI and associated SWP3?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appendix C of SWPPP
<b>ii.</b> map the soil types for all areas of the site, including locations of unstable or highly erodible soils? (k factor > .37)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See section 2.3 in SWPPP and Soils map in Appendix B
<b>iii.</b> show existing and proposed contours delineate drainage watersheds expected during and after major grading activities as well as the size of each drainage watershed, in acres?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All areas will be restored to pre-construction grade. See plan drawings in Appendix C of the SWPPP
<b>iv.</b> show surface water locations including springs, wetlands, streams, lakes, water wells, etc., on or within 200 feet of the site, including the boundaries of wetlands or stream channels and first subsequent named receiving water(s)? Note wetlands permittee intends to fill or relocate for which the permittee is seeking approval from the Army Corps of Engineers and/or Ohio EPA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See the attached maps and plan drawings in Appendix C of the SWPPP



Part III G.1.n Site map requirements (cont.)	Y	N	Comments
<b>v.</b> include the location of existing and planned buildings, roads, parking facilities, and utilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See plan drawings in Appendix C of the SWPPP
<b>vi.</b> include the location of all erosion and sediment control practices, including the location of areas likely to require temporary stabilization during the course of site development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.0 and mapping in Appendix C of the SWPPP
<b>vii.</b> include the location of sediment and storm water management basins noting their sediment settling volume and contributing drainage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>viii.</b> include the location of permanent storm water management practices to be used to control pollutants in storm water after construction operations have been completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>ix.</b> include areas designated for the storage or disposal of solid, sanitary, and toxic wastes (including dumpster areas), areas designated for cement truck washout, and areas for vehicle fueling?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of the SWPPP
<b>x.</b> include the location of designated construction entrances where the vehicles will access the construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Construction access will be from locations where the pipeline ROW crosses public roads.
<b>xi.</b> include the location of any in-stream activities including stream crossings? Has 401 certification been obtained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable, No streams in project area.
<b>Part III.G.2 Sediment and Erosion Controls</b>			
<b>Erosion Control a. Non-Structural Preservation Methods</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>a.1.</b> Has every effort been made to preserve the natural riparian setback adjacent to streams or other surface water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No riparian clearing required for construction activities
<i>SUMMIT:</i> has a riparian review been completed? Are setbacks shown on plan? Has a variance granted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>a.2.</b> Have efforts been made to phase in construction activities in order to minimize the amount of land disturbance at one time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.2 of SWPPP
<b>a.3.</b> Will any portions of the site be left undisturbed, if so what percentage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Only uncoated sections of pipe and it's associated easement limits require temporary disturbance
<b>Erosion Control b. Structural Erosion Control</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.2 and 3.5 of the SWPPP
<b>b.1.</b> Does the SWP3 describe the control practices used to re-stabilize areas after grubbing or construction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>b.2.</b> Does the SWP3 specify the types of stabilization measures to be employed for any time of the year?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>i. Temporary stabilization Notes</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas <u>within</u> 50 feet of a stream remaining dormant for over <b>14</b> days, will temporary erosion controls be applied within 2 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas <u>over</u> 50 feet away from a stream remaining dormant for over <b>14</b> days, will temporary erosion controls be applied within 7 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas that will be left idle over winter, will temporary erosion controls be applied prior to onset of winter weather?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>ii. Permanent Stabilization Notes</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas within 50 feet of a stream at final grade, will permanent erosion controls be applied within 2 days of reaching final grade?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
For disturbed areas remaining dormant for over 1 year or at final grade, will permanent erosion controls be applied within 7 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>b.3. Rock Construction Entrances</b> Is a RCE provided at all access points? Is a stabilized staging area provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWP3
<b>c. Runoff Control Practices</b>			
<b>c.1.</b> Does the SWP3 incorporate measures to reduce flow velocity (e.g., riprap, ditch check dams)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sections 3.2 through 3.5 of SWPPP
.....if no are they necessary?	<input type="checkbox"/>	<input type="checkbox"/>	
<b>c.2.</b> Does the SWP3 incorporate measures to divert concentrated flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sections 3.2 through 3.5 and mapping in Appendix C of SWPPP
.....i. Is concentrated flow directed to a sediment basin?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
.....ii. Is clean run on water diverted around the site?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
.....iii. Are slopes drains or rock chutes provided to carry runoff down steep slopes?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
<b>d. Sediment Control Practices</b>			
<b>d.1.</b> Will sediment control devices be implemented for all areas remaining disturbed for over 14 days?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Areas will not remain disturbed for over 14 days



Part III.G.2 Sediment and Erosion Controls (cont.)	Y	N	Comments									
<b>d.2.</b> Are detail drawings of the sediment controls to be used included?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Appendix D of the SWPPP									
<b>.....Do they comply with Ohio Standards and Specifications?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>i. Timing</b> Does the construction sequence specify that perimeter controls and sediment basins will be installed/ implemented within 7 days of grubbing activities and prior to grading of the area they will control?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
Does the SWP3 propose alternate sediment controls for changing slopes and topography as construction progresses?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
<b>ii. Sediment Settling Ponds</b> Does the SWP3 include the installation and use of a sediment settling pond?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
<b>Sediment ponds shall be dewatered using a skimmer or equivalent device.</b>	<input type="checkbox"/>	<input type="checkbox"/>										
Construction activities that require sediment settling pond(s). Do these conditions exist? Will drainage area exceed perimeter control standards? OR Do concentrated flow conditions exist? OR Is a common drainage area of 10 acres or more disturbed? <i>(If the answer is yes to any one of these conditions a sediment settling facility is required)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Is the dewatering volume of the sediment settling pond at equal to at least 67 cubic yards (1800 cubic feet) of per acre of <i>total drainage area</i> ?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the maximum depth of the dewatering zone less than or equal to 5 feet?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the dewatering volume drained down between 48 hours and 7 days?	<input type="checkbox"/>	<input type="checkbox"/>										
Does the dewatering device meet Ohio Standard and Specifications?	<input type="checkbox"/>	<input type="checkbox"/>										
Method #1: Is the sediment settling volume of the pond equal to at least 1000 cubic feet per acre of <i>disturbed area</i> ?	<input type="checkbox"/>	<input type="checkbox"/>										
Method #2: Was RUSLE used to calculate the sediment storage volume?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the length to width ratio of the sediment settling pond at least two units of length for every one unit of width (> 2:1 length to width)?	<input type="checkbox"/>	<input type="checkbox"/>										
Will the sediment settling pond be cleaned out when the silt occupies 40 percent of the sediment storage depth?	<input type="checkbox"/>	<input type="checkbox"/>										
Is the sediment settling pond designed to consider public safety?	<input type="checkbox"/>	<input type="checkbox"/>										
<b>iii. Silt Fence &amp; Other Perimeter Controls</b> Will silt fence or other perimeter controls be used to control sheet flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
Design Capacity of Silt Fence  <table border="1"> <thead> <tr> <th>Max Area (ac.) to 100 ft. silt fence</th> <th>Range of Slope for Drainage area in %</th> <th rowspan="4">Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>&lt;2%</td> </tr> <tr> <td>0.25</td> <td>≥2 but ≤20%</td> </tr> <tr> <td>0.125</td> <td>≥20% but ≤50%</td> </tr> </tbody> </table>	Max Area (ac.) to 100 ft. silt fence	Range of Slope for Drainage area in %	Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)	0.5	<2%	0.25	≥2 but ≤20%	0.125	≥20% but ≤50%	<input type="checkbox"/>	<input type="checkbox"/>	
Max Area (ac.) to 100 ft. silt fence	Range of Slope for Drainage area in %	Silt fence is not to be used for controlling high velocities or concentrated flow. (Only sheet flow)										
0.5	<2%											
0.25	≥2 but ≤20%											
0.125	≥20% but ≤50%											
Are alternatives to silt fence for perimeter control presented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.5 of SWPPP									
<b>.....Do they meet Ohio Standards and Specifications?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>iv. Inlet Protection</b> Are there yard drain inlets and/or the street curb inlets that do not drain into a sediment settling pond? <i>NOTE: Inlet protection is mandatory where sediment settling ponds will not be implemented. If the drainage area is greater than 10 acres a sediment settling pond is required. .</i>	<input type="checkbox"/>	<input type="checkbox"/>	Inlet protection will be employed at all locations in the project footprint. See Section 3.5 of SWPPP									
Do any inlets not connected to a sediment settling facility drain more than 1 acre?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable									
Does the inlet protection meet Ohio Standards and Specifications?	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
<b>v. Stream Protection</b> Does the SWP3 propose to use any structural sediment controls in a stream? <i>NOTE: Use of structural sediment controls in-stream is prohibited in accordance with Part III.G.2.d.v.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable									
For construction activities that are on the stream bank or will involve stream crossing, does the SWP3 include measures to minimize the number of stream crossings and/or the width of disturbance? <i>NOTE: If work along a stream bank is necessary, a non-erodible pad or non-erodible stream diversion dams (sand bags) must be installed. If stream crossings are necessary, a non-erodible stream crossing must be installed. 401 / 404 permits may be needed.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not applicable, See Section 3.2 of SWPPP									

Part III.G.2.e Post-Construction Storm Water Management	Y	N	Comments
Will the construction activity result in the installation of impervious surface? <i>NOTE: projects that don't result in the installation of impervious surface do not need the installation of structural post-construction BMPs.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction will require only replacement of existing pavement cover. See Section 2.2 of SWPPP
Does the SWP3 include the installation of a structural post-construction best management practice (BMP) to manage storm water runoff once construction activities have been completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has a long-term maintenance plan been developed or included in the SWP3 for maintenance of the structural post-construction BMP? <i>NOTE: The long-term maintenance plan must be developed and provided to the post-construction site operator, but does not need to be implemented as required by this permit. Local municipalities may require maintenance plan implementation.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Large Construction Activities (5 acres and up)</b>			
Does all runoff from developed areas drain through a structural post construction BMP? If no, has Ohio EPA approved a waiver from this requirement?	<input type="checkbox"/>	<input type="checkbox"/>	Construction area is less than 5 acres. Further, the pre- and post-construction contours will be the same and no new developed areas will be present.
If so, was the method proposed in the NPDES construction storm water general permit (CGP) used to determine the water quality volume (WQv) and drain time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Were the correct values used for: (a) runoff coefficient (C)? <i>Use either table 1 presented in the permit or the c formula based on site imperviousness.</i> (b) precipitation depth (P = 0.75-inches)? (c) and the drainage area (A) to the BMP?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Was an additional 20% of the WQV added to the sediment storage zone of the practice?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Does the drain time in the SWP3 for the proposed structural post-construction BMP match the drain time presented in table 2 of the NPDES permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
If the WQ practice is a basin, wetland, or wet enhanced swale has discharge curve been provided to show that no more than 1/2 of the WQv drains out in less than 1/3 of the allotted time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
If there a pre-existing water quality practice that will receive the storm water drainage from the construction site, is it sized appropriately to treat the WQv?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Transportation Projects (as needed)</b>			
Are post construction controls in compliance with the Ohio Department of Transportation's "Location and Design Manual, Volume Two"?	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Offsite Mitigation of Post Construction (as needed)</b>			
Has offsite mitigation been authorized by Ohio EPA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Redevelopment Projects (as needed)</b> For redevelopment projects which disturb 5 or more acres of land, was one of the following options used to as a post-construction practice: (a) 20 % reduction in impervious area? (b) a BMP sized to treat 20% of the WQv? (c) or a combination of (a) and (b) above?			
<b>Non-Structural Post Construction BMPs (as needed)</b>			
Are non-structural controls presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has authorization been granted by Ohio EPA for the substitution of structural practices with non-structural?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Alternative Post Construction BMPs (as needed)</b>			
Are alternative practices presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has authorization been granted by Ohio EPA for the use of alternative BMPs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>Small Construction Activities (1 to 5 acres)</b>			
Does the SWP3 include a structural post-construction BMP?	<input type="checkbox"/>	<input type="checkbox"/>	
If so, does it meet the structural control requirements? (see above)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Does the SWP3 explain the technical basis used to select the BMPs chosen where flows exceed pre-development levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
Has the local municipality authorized the use of alternative BMPs if presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable

Part III.G.2.f Surface Water Protection	Y	N	Comments
Are other permits required prior to construction? Are they included? (401 and/or 404)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is concentrated storm water diffused prior to discharge to natural wetlands?	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
<b>Part III.G.2.g Other Controls</b>			
<b>i. Non-sediment Pollutant Controls</b>			
No solid or liquid waste, including building materials, shall be discharged in storm water runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 provide directions on how to dispose toxic or hazardous wastes generated on site properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 designate areas used for mixing or storage of compounds such as fertilizers, lime, asphalt, soaps and solvents used in cleaning vehicles, washout of concrete, paint , or stucco, form release oils, or curing compounds away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 promote the use of protected storage areas for industrial or construction materials to minimize exposure of such materials to storm water?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 designate areas used for fueling or performing vehicle maintenance away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Will the fuel tanks be contained or diked in the event of a leak or spill?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 designate areas used for receiving concrete chute or other concrete wash waters away from storm water drainage ways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Are the specifications of a washout pit contained in the SWPPP?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 and Appendix E of SWPPP
Does the SWP3 describe what to do in the event of a small release (less than 25 gallons) of petroleum waste? <i>NOTE: Petroleum based and concrete curing compounds must have special handling procedures.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 describe what to do in the event of a larger release (25 or more gallons) of petroleum waste? <i>NOTE: You must contact, Ohio EPA (at 1-800-282-9378), the local fire department, and the local emergency planning committee (LEPC) within 30 minutes of a spill of 25 or more gallons.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Has a spill prevention control and countermeasures (SPCC) plan been developed? <i>NOTE: A SPCC plan must be developed for sites with one above ground storage tank (AST) of 660 gallons or more, total above ground tank storage of 1330 gallons, or below ground storage of 42,000 gallons of fuel.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>ii. Offsite tracking</b> - Is offsite tracking of sediment minimized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>iii. Compliance with other requirements</b>			
Is open burning a prohibited activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Does the SWP3 address proper handling and disposal of soils contaminated by petroleum or other chemical spills? <i>NOTE: All contaminated soils must be treated and/or disposed in Ohio EPA approved solid waste management facilities or hazardous waste treatment, storage or disposal facilities (TSDFs).</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Will sanitary facilities be provided during construction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the SWP3 state that all construction & demolition debris (C&DD) waste will be disposed of in an Ohio EPA approved C&DD landfill as required by Ohio Revised Code (ORC) 3714 and local regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
Have air pollution permits have obtained? <i>NOTE: Air pollution permits may be required for activities including, but not limited to, mobile concrete batch plants, mobile asphalt plants, concrete crushers, and large generators.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not applicable
<b>iv. Trench and Ground water control</b>			
Does the SWPPP contain measures to control turbid discharges? <i>Note: turbid trench water must pass through a sediment settling pond or other equally effective device.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 3.7 of SWPPP
<b>v. Contaminated Sediment</b>			
is there the possibility that contaminated sediments from past land uses exist? If yes, consult Ohio EPA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See Section 3.7 of SWPPP
	<input type="checkbox"/>	<input type="checkbox"/>	

**Attachment 2**

**Ohio EPA NOI Approval Letter**



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

Jul 31, 2017

The East Ohio Gas Company  
Tara Buzzelli  
320 Springside Drive, Suite 320  
Akron, OH 44333

Re: Approval Under Ohio EPA National Pollutant Discharge Elimination System (NPDES) - Construction Site Stormwater General Permit - OHC000004

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.

<b>Facility Name:</b>	PIR 2364 Grant Avenue and 9th Street
<b>Facility Location:</b>	Grant Ave, 9th Street, and Horace Ave
<b>City:</b>	Cuyahoga Falls
<b>County:</b>	Summit
<b>Township:</b>	
<b>Ohio EPA Facility Permit Number:</b>	3GC09519*AG
<b>Permit Effective Date:</b>	Jul 31, 2017

Please read and review the permit carefully. The permit contains requirements and prohibitions with which you must comply. 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 NPDES CGP. 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. Also, a Permit-To-Install (PTI) is required for the construction of sanitary or industrial wastewater collection, conveyance, storage, treatment, or disposal facility; unless a specific exemption by rule exists. 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.

To view your electronic submissions and permits please Logon in to the Ohio EPA's eBusiness Center at <http://ebiz.epa.ohio.gov>.

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 <http://www.epa.ohio.gov>.

Sincerely,

Craig W. Butler  
Director

### **Attachment 3**

### **Storm Water 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**

**Stormwater Pollution Prevention Plan (SWP3)**

**PIR 2364 – Grant Avenue and 9<sup>th</sup> Street  
Cuyahoga Falls, Summit County, Ohio**

**Planned Construction Start Date:** \_\_\_\_\_

**Planned Construction Completion Date:** \_\_\_\_\_

**Construction Supervisor:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Project Manager (signature):** \_\_\_\_\_

**Construction Contractor (signature):** \_\_\_\_\_

**Environmental Inspector (signature):** \_\_\_\_\_

**Note:**

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

**SWP3 Prepared: July 27, 2017**

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

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

**THE EAST OHIO GAS COMPANY  
PIR 2364 – Grant Avenue and 9<sup>th</sup> Street  
Cuyahoga Falls, Summit County, Ohio**

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## **LIST OF DEFINITIONS**

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

## **EXECUTIVE SUMMARY**

This Stormwater Pollution Prevention Plan (SWP3) sets forth procedures to be followed during construction activities to minimize adverse impacts due to sedimentation and potential environmental pollutants resulting from storm water runoff and to reduce sediment and environmental pollutant runoff after Project completion. This SWP3 sets forth procedures to be followed during construction activities for The East Ohio Gas Company (Dominion) Pipeline Infrastructure Replacement (PIR) 2364 – Grant Avenue and 9<sup>th</sup> Street (Project), located in Cuyahoga Falls, Summit County, Ohio. The procedures developed in this plan must be implemented throughout the duration of the Project.

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

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

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

## **1.0 PERMIT REQUIREMENTS**

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

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

## **2.0 STORMWATER POLLUTION PREVENTION PLAN**

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

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

### Plan Availability

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

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

#### Plan Revisions and Amendments

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

#### Duty to Inform Contractors and Subcontractors.

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

## **2.1 SITE DESCRIPTION**

Dominion is proposing the replacement of approximately 7,083 feet of low, intermediate, and high pressure, pipeline (four [4]- to twelve [12]-inch diameters) with corrosive-resistant pipe to ensure the safety and reliability of pipeline operations for the PIR 2364 pipeline located in Summit County. This pipeline replacement project involves “lift and lay” construction (replacement in place) or offsetting the pipeline within the road right-of-way (ROW). No wetlands or streams were identified within the project area. The site maps included in Appendix A depict the location of the Project in relation to nearby roads, surface waters, existing utilities, etc.

The Project is expected to disturb approximately 1.6 acres due to excavation, filling, grading, and installation of erosion control measures.

The Project is primarily within the road ROW of Grant Avenue, Horace Avenue, and 9<sup>th</sup> Street. At intersections of streets with no proposed mainline replacement, small portions of pipeline may be installed to “tie in” the new pipeline to existing pipelines. 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.

## **2.2 PRE-CONSTRUCTION AND POST-CONSTRUCTION SITE CONDITIONS**

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

## **2.3 EXISTING SOIL DATA**

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

## **2.4 PRIOR LAND USES**

The Project site contains residential, institutional, and commercial land uses.

## **2.5 IMPLEMENTATION SCHEDULE**

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

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

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



- Install gravel on dirt roads, and fill-in rutted areas on existing gravel roads.

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

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

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

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

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

- Restore grade to preconstruction contours.
- Apply seed and mulch to all disturbed upland areas.
- Install erosion control blankets or turf matting on steep slopes.
- Monitor all erosion and sediment controls per the monitoring schedule.

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

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

## **2.6 RECEIVING STREAMS OR SURFACE WATERS**

The Project is located within the Cuyahoga River watershed, Hydrologic Unit Code (HUC) 04110002. The site drains to storm sewers and south to the Cuyahoga River (indicated on the project maps in Appendix C). The Project area falls within a portion of the Cuyahoga River watershed (HUC 04110002 030) that is listed as being impaired. Causes of impairment include polychlorinated biphenyls (PCBs) in fish tissue.

The construction work for this project will not be crossing any streams or wetlands. Dedicated asphalt and/or concrete batch plant discharges covered by the NPDES construction stormwater General Permit are not applicable to this Project.

## **2.7 SITE MAP**

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

## **3.0 CONTROLS**

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

## **3.1 NON-STRUCTURAL PRESERVATION METHODS**

In order to preserve the existing natural condition as much as feasible, the Project will avoid clearing and grubbing where feasible, and minimize the amount of soil and vegetation disturbances by phasing construction operations.

### 3.2 UPLAND EROSION CONTROL PRACTICES

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

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

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

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

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

*Table 1 Permanent Stabilization*

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

*Table 2: Temporary Stabilization*

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

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. Methods of runoff control that will be implemented on this Project include dewatering measures and filter socks. Runoff control measures will be in accordance with Chapter 4 and 5 of the Rainwater and Land Development Manual.

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

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

### **3.4 SURFACE WATER PROTECTION**

The Project site contains no surface waters nor are there any water resources adjacent to the Project site.

### 3.5 SEDIMENT CONTROL PRACTICES

All Project activities, including use of laydown areas, will occur within the areas indicated on Site Maps and Drawings in Appendix C. The location of any laydown and/or material storage areas will be determined in the field upon discussion with the selected construction contractor and will be noted on the project site drawings at that time. The “Site Drawing Checklist” will be completed, verifying the inclusion of these features. Any necessary mainline to mainline tie-ins at intersections with streets with no proposed mainline replacement will also be noted on the drawings. Construction activities for this Project will be limited to the Limit of Disturbance of 1.6 acres.

Sediment Control Practices must store runoff allowing sediments to settle and/or divert flows away from exposed soils or otherwise limit runoff from exposed areas. Structural practices must be used to control erosion and trap sediment from a disturbed site. Methods of control that may be used include: silt fence, storm drain inlet protection, filter berms, 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 OHC000004. Dominion discourages the use of haybales unless utilized as a secondary treatment element in conjunction with another erosion and sediment control(s) and only if approved by Dominion.

Inlet Protection. Storm drain inlet protection devices remove sediment from stormwater before it enters storm sewers and downstream areas. Inlet protection devices may consist of washed gravel or crushed stone, geotextile fabrics, and other materials that are supported around or across storm drain inlets. Inlet protection is installed to capture some sediment and reduce the maintenance of storm sewers and other underground piping systems prior to the site being stabilized. Due to their poor effectiveness, inlet protection is considered a secondary sediment control to be used in conjunction with other more effective controls. Other erosion and sediment control practices must minimize sediment-laden water entering active storm drain systems, unless the storm drain system drains to a sediment settling pond. Generally inlet protection is limited to areas draining less than one (1) acre; areas of one (1) or more acres will require a sediment settling pond. Dandy Bags® and/or Curb Sacks® will be used for storm drain inlet protection and the installation details are shown in **Detail D-4**.



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

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

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

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

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

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

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

Timing. Sediment control structures must be functional throughout the course of earth disturbing activity. Sediment basins and perimeter sediment barriers must be implemented prior to grading and within seven (7) days from the start of grubbing. Sediment control structures must continue

to function until the up-slope development area is restabilized. As construction progresses and the topography is altered, appropriate controls must be constructed or existing controls altered to address the changing drainage patterns.

### **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.

Waste Disposal. Containers (e.g., dumpsters, drums) must be available for the proper collection of all waste material including construction debris, sanitary garbage, petroleum products, and any hazardous waste materials to be used on-site. Containers must be covered and not leaking; all containers must be appropriately labeled. All waste material must be disposed of at facilities approved by the Ohio EPA for that material.

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

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

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

Equipment Fueling and Maintenance. Oil changing, equipment refueling, maintenance on hydraulic systems, etc., must be performed away from waterbodies, ditches, or storm drains and in an area designated for that purpose. The designated area must be equipped for recycling oil and catching spills. Secondary containment must be provided for all fuel and oil storage tanks. These areas must be inspected every seven (7) days and within 24 hours of a one half (0.5)-inch or greater rain event to ensure there are no exposed materials which would contaminate stormwater. Site

operators must be aware that Spill Prevention Control and Countermeasures (SPCC) requirements may apply. An SPCC plan is required for sites with one (1) single aboveground tank of 660 gallons or more, accumulative aboveground storage of 1,320 gallons or more, or 42,000 gallons of underground storage.

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

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

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

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

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

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

Air Permitting Requirements. All contractors and subcontractors must be made aware that certain activities associated with construction will require air permits. Activities including, but not limited to, mobile concrete batch plants, mobile asphalt plants, concrete crushers, generators, etc., will require specific Ohio EPA Air Permits for installation and operation. Dominion must seek authorization from the corresponding district of Ohio EPA for these activities. Notification for Restoration and Demolition must be submitted to Ohio EPA for all commercial sites to determine if asbestos abatement actions are required.

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

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

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

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

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

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

### **3.9 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 personnel or a designated representative at least once every seven (7) calendar days and within 24 hours after any storm event greater than one-half (0.50)-inch of rain per 24-hour period, as determined by Dominion personnel or a designated representative using National Weather Service or other acceptable resources such as an on-site rain gauge.
- Inspection frequency may be reduced to at least once every month if the entire site is temporarily stabilized or runoff is unlikely due to weather conditions (e.g., site is covered with snow, ice, or the ground is frozen). A waiver of inspection requirements is available from Ohio EPA until one (1) month before thawing conditions are expected to result in a discharge if all of the following conditions are met: the Project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one (1) month); land disturbance activities have been suspended; and the beginning and ending dates of the waiver period are documented in the SWP3. Dominion will obtain the waiver at the request of the contractor.
- Once a definable area has reached final stabilization as defined in Section 3.2 Upland Erosion Control Practices, the area may be marked on the SWP3 and no further inspection requirements apply to that portion of the site.
- A Dominion or designated representative “qualified inspection personnel” must conduct inspections to ensure that the control practices are functional and to evaluate whether the SWP3 is adequate and properly implemented in accordance with the schedule or whether additional control measures are required.
- Following inspection, a checklist must be completed and signed by the qualified inspection personnel representative. The checklist is provided in Appendix F. The record and certification must be signed in accordance with Ohio Permit OHC000004.
- Inspection reports must be maintained for three (3) years following the submittal of a Notice of Termination.
- For BMPS that require repair or maintenance, BMPs must be repaired or maintained within three (3) days of the inspection; sediment settling ponds must be repaired or maintained within ten (10) days of the inspection.
- For BMPs that are not effective and that another, more appropriate BMP is required, the SWP3 must be amended and the more appropriate BMP must be installed within ten (10) days of the inspection.
- For BMPs depicted on the SWP3 that have not been actually installed onsite, the control practice must be implemented within ten (10) days from the inspection.

#### **4.0 APPROVED STATE OR LOCAL PLANS**

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

## **5.0 EXCEPTIONS**

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

## **6.0 NOTICE OF TERMINATION REQUIREMENTS**

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

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



## 7.0 CERTIFICATION

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

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

---

Signature

---

Date

---

Printed Name

---

Title

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

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

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

\_\_\_\_\_  
Primary Contractor Name

\_\_\_\_\_  
\_\_\_\_\_  
Primary Contractor Address

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Subcontractor Name

\_\_\_\_\_  
Subcontractor Address

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

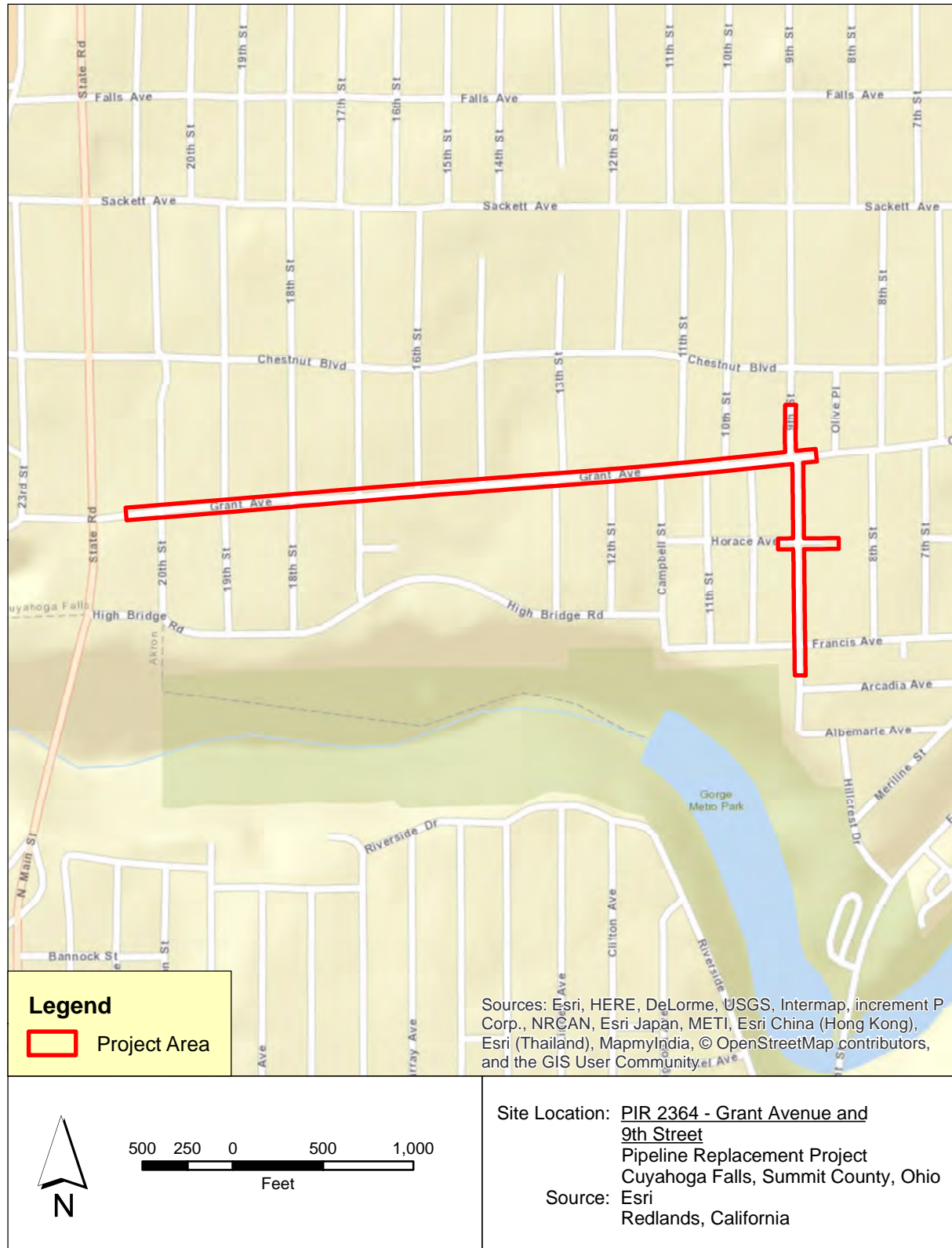
\_\_\_\_\_  
Title

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## **APPENDIX A**

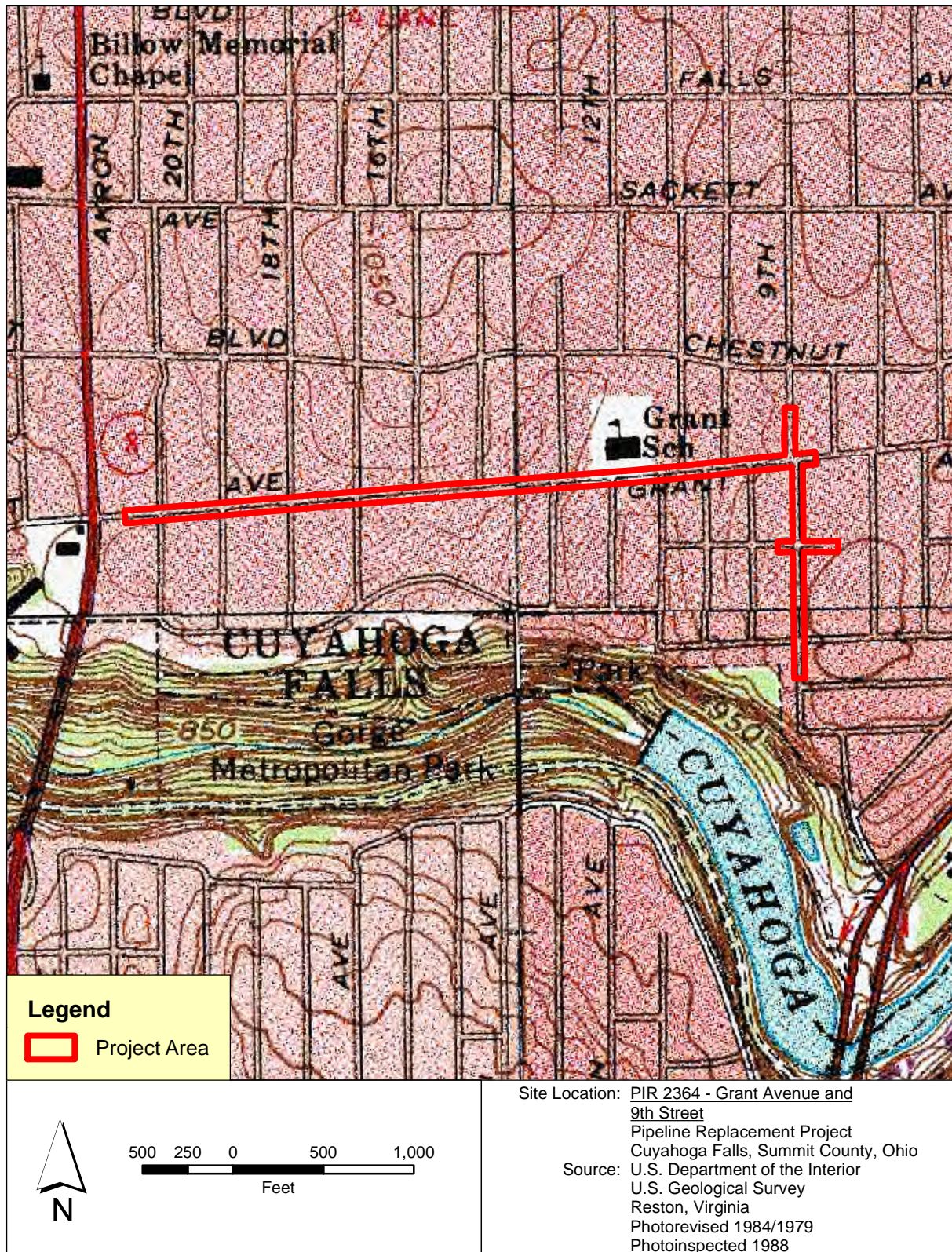
### **Site Location Maps**

## Location of Project Area on Highway Map





**Location of Project Area on  
USGS 7.5-Minute Topographic Maps  
(Akron East, Hudson, and Peninsula Quadrangles)**



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## **APPENDIX B**

### **Existing Soil Data**



## Soils Information for Project Area





***Appendix B - Soil Types & Descriptions***

<b>Soil Type</b>	<b>Map Symbol</b>	<b>Slope</b>	<b>Material</b>	<b>Drainage Capacity</b>	<b>Location</b>	<b>Depth to Water Table</b>	<b>Depth to Restrictive Feature</b>	<b>K Factor, Whole Soil (Erosibility)</b>
Chili-Urban land complex, undulation	CuB	2 to 6 percent	70% Chili silt loam; 30% Urban land	Well drained	Terraces	More than 80 inches	More than 80 inches	.37
Ellsworth-Urban land complex, 2 to 6 percent slopes	EuB	2 to 6 percent	45% Ellsworth silt loam; 30% Urban land	Moderately well drained	Till plains	About 11 to 24 inches	More than 80 inches	.43
Mahoning-Urban land complex, 0 to 2 percent slopes	Mn	0 to 2 percent	45% Mahoning silt loam; 35% Urban land	Somewhat poorly drained	Till plains	About 6 to 12 inches	More than 80 inches	.43

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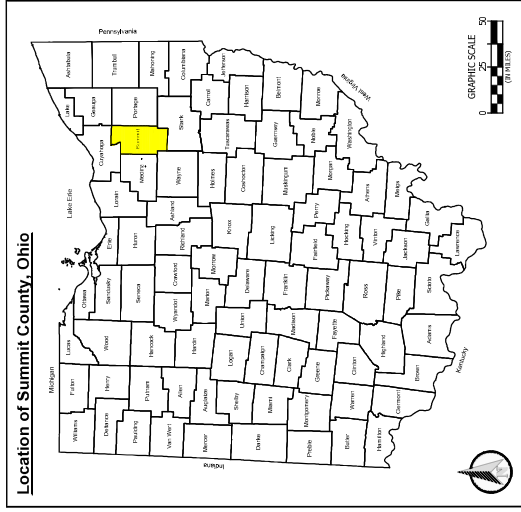
## **APPENDIX C**

### **Detailed Erosion and Sediment Control Location Drawings**

# Map View Location Map



= Approximate study area



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



Prepared for:  
**The East Ohio Gas Company**

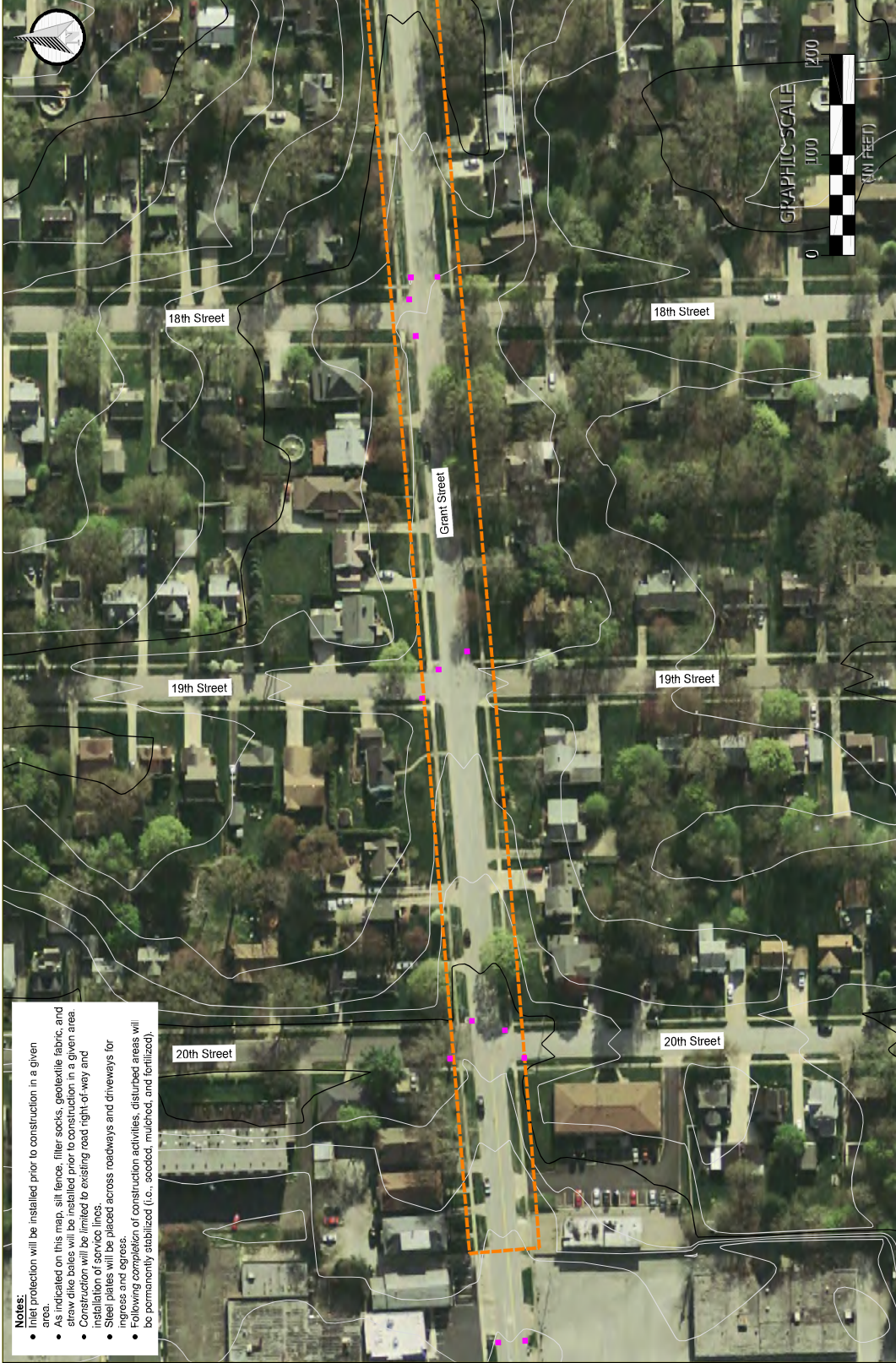
**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on November 15, 2016





- Notes:**
- Inlet protection will be installed prior to construction in a given area.
  - As indicated on this map, silt fence, filter socks, geotextile fabric, and cover socks will be installed prior to construction in a given area.
  - Cover socks will be installed to existing road right of way and installation of service lines.
  - 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).



- = Inlet (curbside)
- = Inlet (grate)
- = Filter sock/check dam

- = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on  
November 15, 2016

Map  
View **1**  
of **4**





- Notes:**
- Inlet protection will be installed prior to construction in a given area.
  - As indicated on this map, silt fence, filter socks, geotextile fabric, and straw bale ditches will be installed prior to construction in a given area.
  - Construction will be limited to existing road right-of-way and installation of service lines.
  - 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).

- = Inlet (curbside)
- = Inlet (grate)
- = Filter sock/check dam

- = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
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Data used to produce this map were collected on November 15, 2016



- Notes:**
- Inlet protection will be installed prior to construction in a given area.
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  - Construction will be limited to existing road right-of-way and installation of service lines.
  - 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).



- = Inlet (curbside)
- = Inlet (grate)
- = Filter sock/check dam

- = Approximate study area
- - - = Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map was collected on November 15, 2016

Map View 3 of 4





**Notes:**

- Inlet protection will be installed prior to construction in a given area.
- As indicated on this map, silt fence, filter socks, geotextile fabric, and straw bale ditches will be installed prior to construction in a given area.
- Construction will be limited to existing road right-of-way and installation of service lines.
- 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).

- Inlet (curbside)
- Inlet (grate)
- = Filter sock/check dam

- Approximate study area
- Non-jurisdictional roadside ditch
- ( ) = Existing culvert(s)



Prepared for:  
**The East Ohio Gas Company**

**PIR 2364 - Grant Avenue and 9th Street**  
Pipeline Replacement Project  
Cuyahoga Falls, Summit County, Ohio

Data used to produce this map were collected on November 15, 2016

Map View **4** of **4**

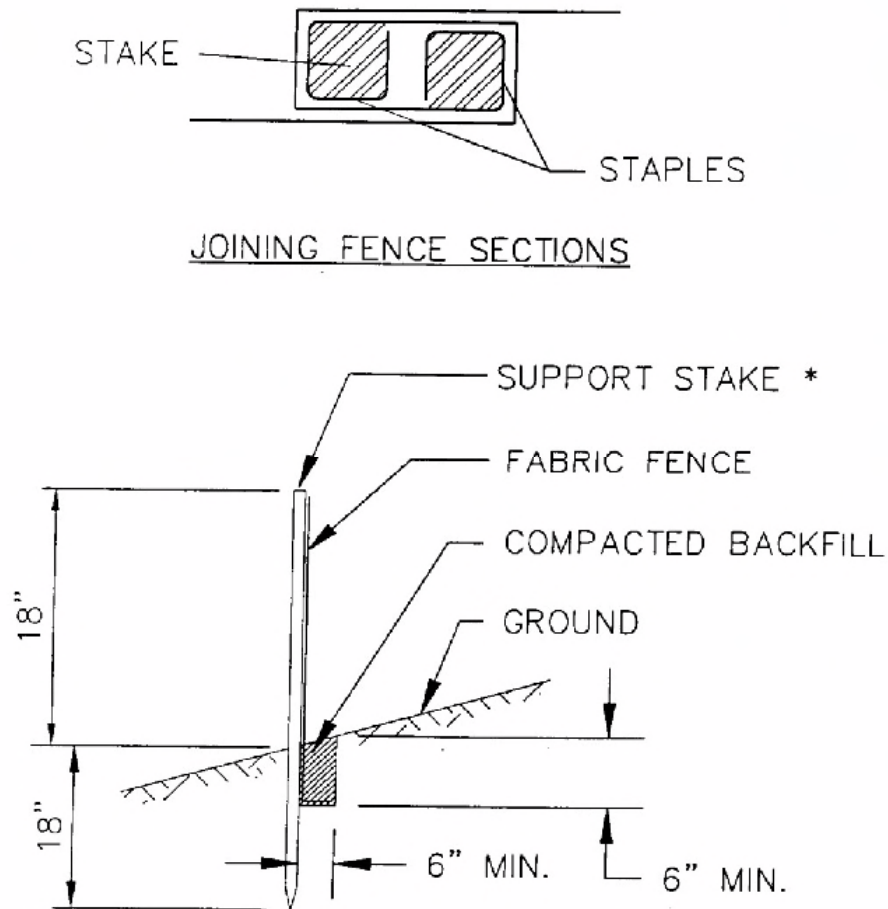
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## **APPENDIX D**

### **Typical Erosion and Sediment Control Drawings**

## DETAIL D-1

### FILTER FABRIC FENCE DETAIL



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

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

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

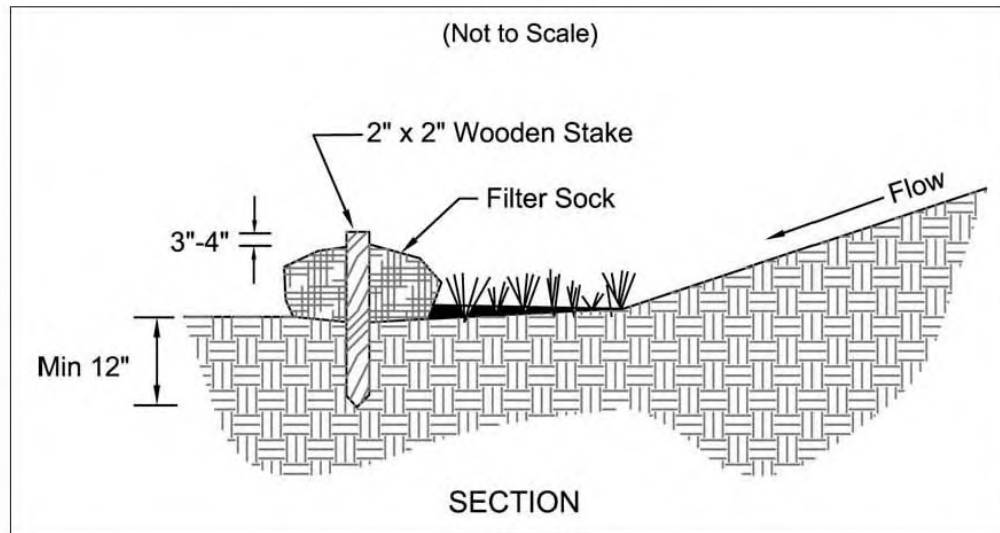
Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

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



## DETAIL D-2

### FILTER SOCK DETAIL



1. Materials – Compost used for filter socks shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of 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.

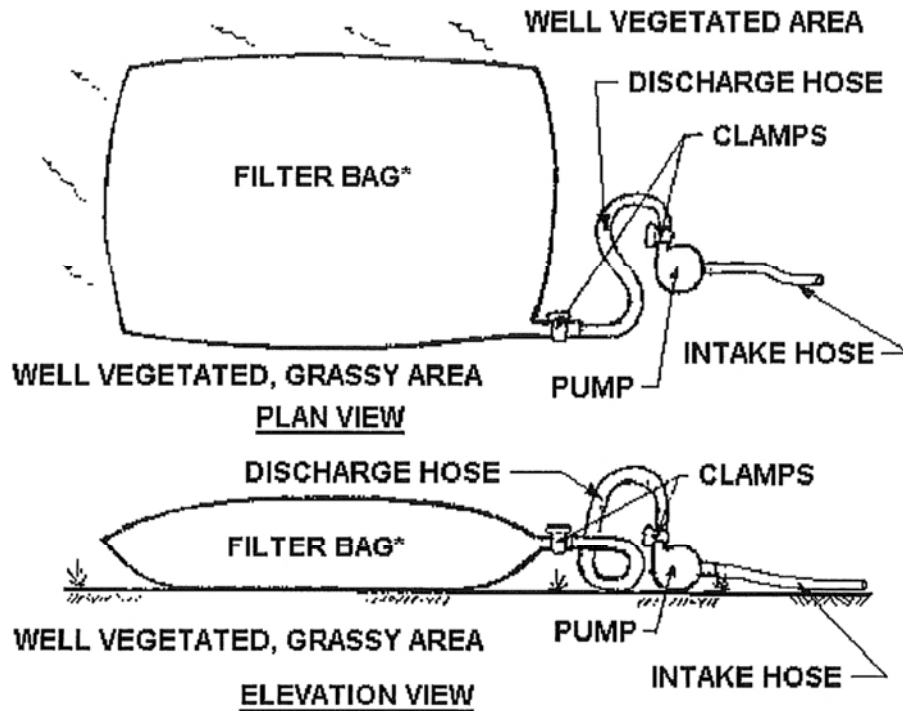
5. Filter Socks are not to be used in concentrated flow situations or in runoff channels.

#### 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.

## DETAIL D-3

### PUMPED WATER FILTER BAG DETAIL



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

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

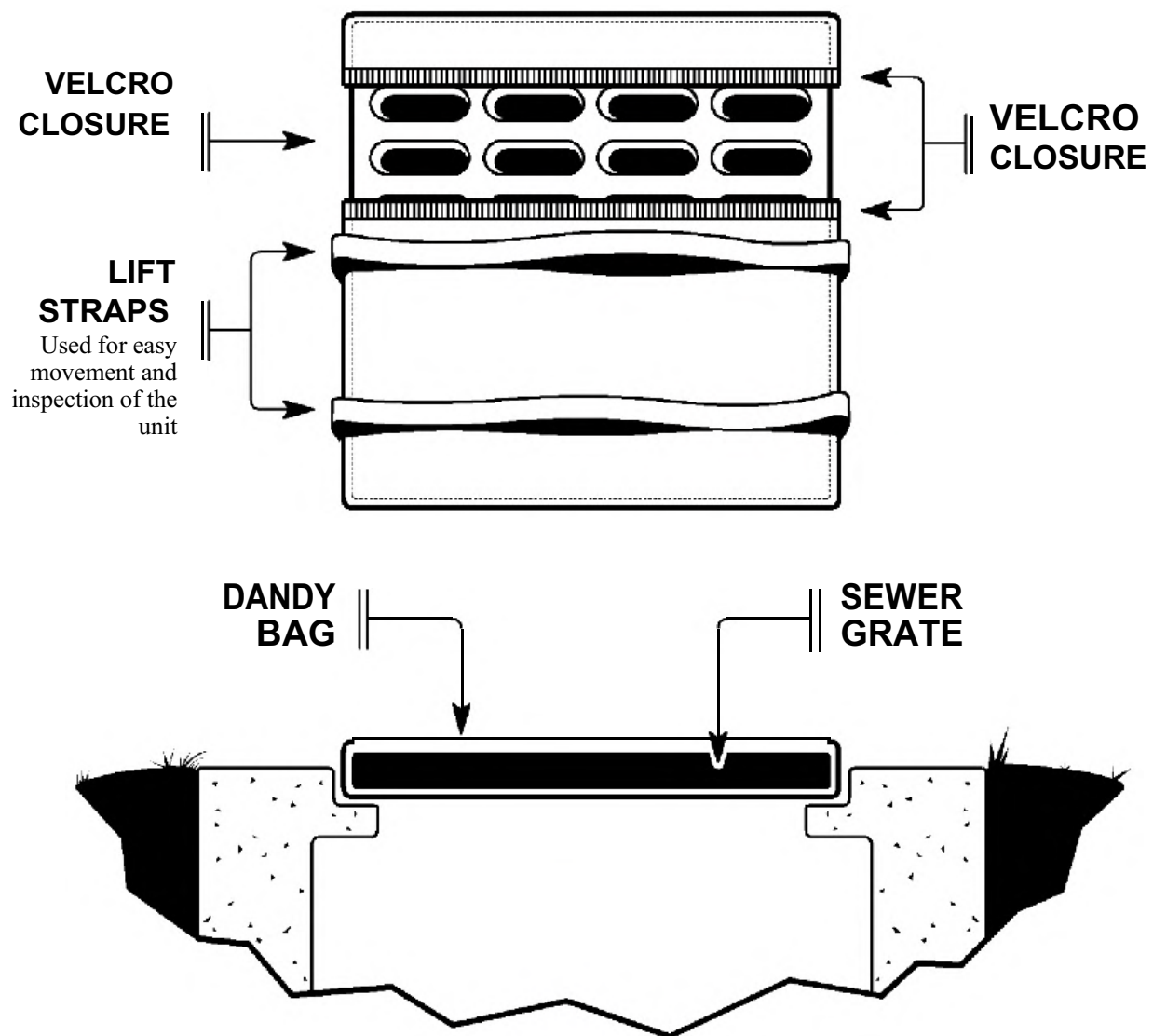
Bags shall be located in a well-vegetated (grassy) area, and discharge onto stable, erosion resistant areas. Where this is not possible, a geotextile flow path shall be provided. Bags should not be placed on slopes greater than 5%.

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

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

## **DETAIL D-4A**

### **DANDY BAG® INLET PROTECTION DETAIL**



#### **Installation:**

Place the empty Dandy Bag® over the grate as the grate stands on end.

Tuck the enclosure flap inside to completely enclose the grate.

Holding the lifting devices, insert the grate into the inlet being careful not to damage the Dandy Bag® unit.

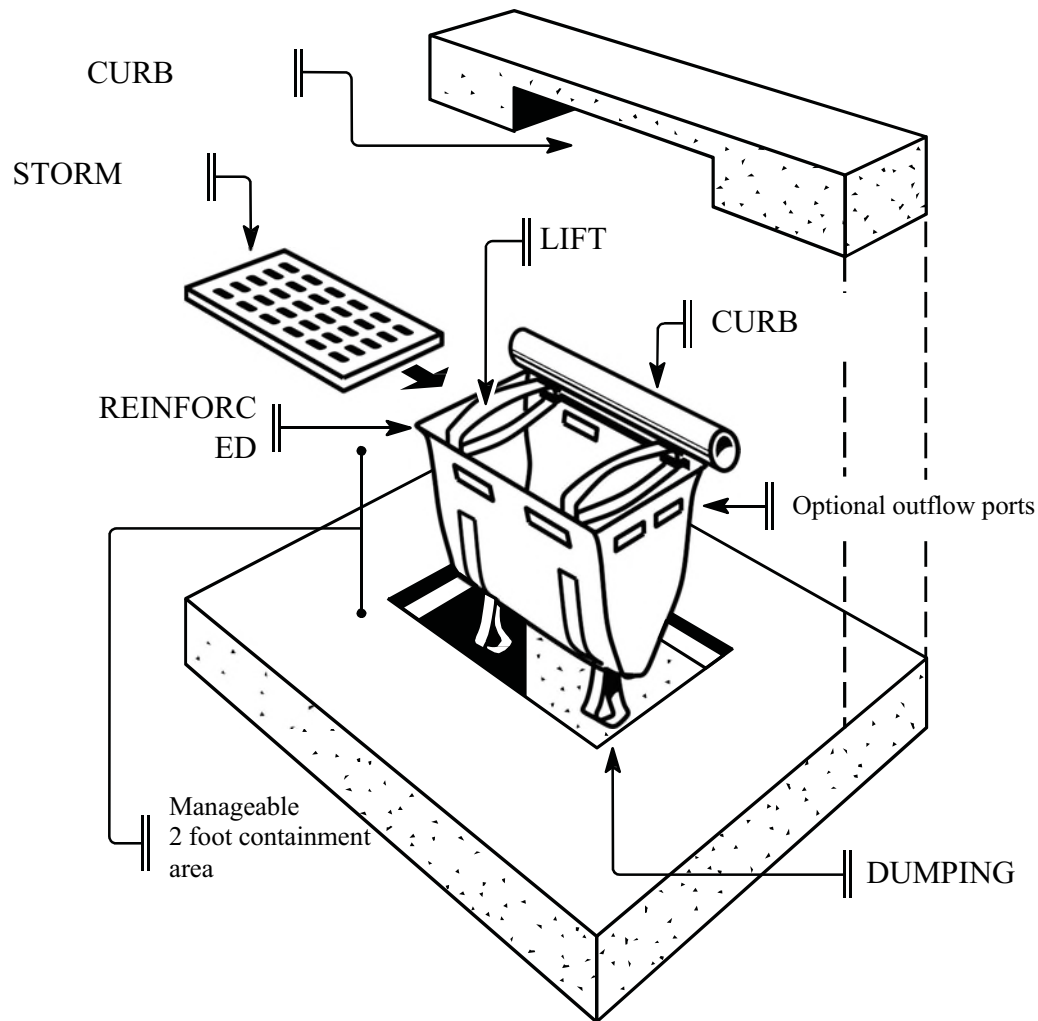
#### **Maintenance:**

The contractor shall remove all accumulated sediment and debris from surface and vicinity of unit after each rain event or as directed by engineer/inspector. Dispose of unit no longer in use at an appropriate recycling or solid waste facility.



## **DETAIL 4B**

### **DANDY CURB SACK® INLET PROTECTION DETAIL**



**Installation:** Remove the grate from the catch basin. For Oil and Sediment Model; to install or replace absorbent, place absorbent pillow in unit, on the bottom (below-grade side) of the unit. Stand the grate on end. Move the top lifting straps out of the way and place the grate into the Dandy Curb Sack® unit so that the grate is below the top straps and above the lower straps. The grate should be cradled between the upper and lower straps. Holding the lifting devices, insert the grate into the inlet, then lower back edge with cylindrical tube into place, being careful that the grate remains in place and being careful not to damage the Dandy Curb Sack® unit. The cylindrical tube should partially block the curb hood opening when installed properly.

**Maintenance:** Remove all accumulated sediment and debris from vicinity of unit after each storm event. After each storm event and at regular intervals, look into the Dandy Curb Sack® unit. If the unit is more than 1/3 full of accumulated sediment, the unit must be emptied. To empty the unit, using the lifting straps lift the unit out of the inlet and remove the grate. Transport the unit to an appropriate location for removal of the contents. Holding the dumping straps on the outside at the bottom of the unit, turn the unit upside down, emptying the contents. Reinstall unit as above. For Oil and Sediment Model; remove and replace absorbent when near saturation. Dispose of unit and/or absorbent in accord with applicable Federal, state and local environmental laws and regulations.

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## **APPENDIX E**

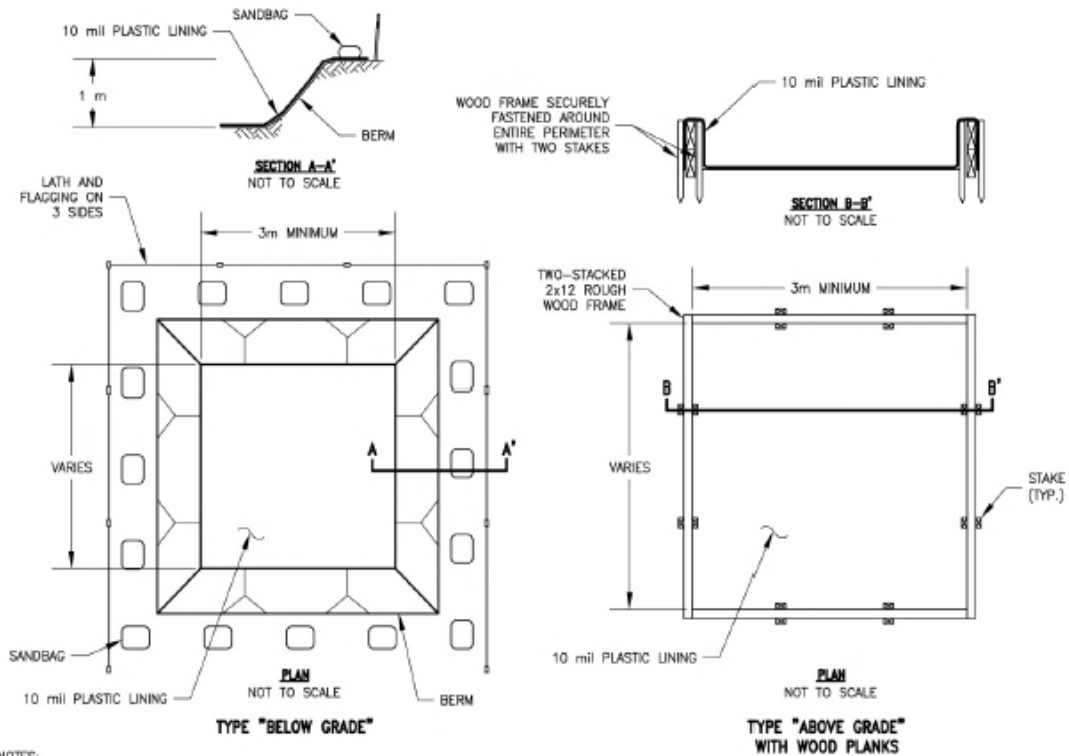
### **Concrete Washout Detail**

# DETAIL E-1

## Concrete Washout Detail

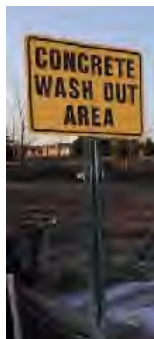
**Note:** This detail to be used in the absence of the following concrete washout BMPs:

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



### NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE PAGE 6) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASH-OUT FACILITY.



**Sign Examples**



**Photograph of the "ABOVE GRADE" concrete washout structure**

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## **APPENDIX F**

### **SWP3 Inspection Form**

## ECTS Checklist Guidance

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Checklist Title: SWP3 Inspection Form

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

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

- **Information at the top of the form.**

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

- **Inspection Documentation Area:**

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

- **Information on Second Page.**

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

Checklist Owner: Tara Buzzelli

Local: 8-657-2579

Work: 330-664-2579

Cell: 330-604-8871

Email: Tara.E.Buzzelli@dom.com

Subject Matter Expert: Greg Eastridge

Local: 8-657-2576

Work: 330-664-2576

Cell: 330-571-7855

Email: Gregory.K.Eastridge@dom.com

Date of Last Revision: December 2012



## OHIO SWP3 INSPECTION FORM

Site Name: PIR 2364 – Grant Avenue and 9<sup>th</sup> Street

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

Inspector Signature:

**Weekly**

**Monthly**

**Routine Inspection**

**Precipitation Event >0.5"**

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

Date:

Site: PIR 2364 – Grant Avenue and 9<sup>th</sup> Street

---

**Stormwater Pollution Prevention Plan Inspection Form**

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**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:**

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## **APPENDIX G**

### **NOI Application**



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

(Read accompanying instructions carefully before completing this form.)

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

### I. Applicant Information/Mailing Address

**Company (Applicant) Name:** The East Ohio Gas Company

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

**City:** Akron

**State :** OH

**Zip Code:** 44333

**Country:** USA

**Contact Person:** Tara Buzzelli

**Phone:** (330) 664-2579

**Fax:** (330) 664-2669

**Contact E-mail Address:** Tara.E.Buzzelli@dominionenergy.com

### II. Facility/Site Location Information

**Facility/Site Name:** PIR 2364 Grant Avenue and 9th Street

**Facility Address:** Grant Ave, 9th Street, and Horace Ave

**City:** Cuyahoga Falls

**State:** OH

**Zip Code:** 44221

**County:** Summit

**Township:**

**Facility Contact Person:** Wendy Fee

**Phone:** (330) 664-2405

**Fax:** (330) 664-2691

**Facility Contact E-mail Address:** Wendy.S.Fee@dominionenergy.com

**Latitude:** 41.12702

**Longitude:** -81.49925

**Facility/Map Attachment** PIR 2364\_USGS Map.pdf

**Receiving Stream or MS4:** Cuyahog Falls MS4

### III. General Permit Information

**General Permit Number:** OHC000004

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

**Type of Activity:** Construction Site Stormwater General Permit

**SIC Code(s):**

**Existing NPDES Facility Permit Number:**

**ODNR Coal Mining Application Number:**

**If Household Sewage Treatment System, is system for:**

**New Home Construction:**

**Replacement of failed existing system:**

**Outfall**

**Design Flow (MGD):**

**Associated Permit Effluent Table:**

**Receiving Water :**

**Latitude**

**Longitude**

**Are These Permits Required?**

**PTI:** NO

**Individual 401 Water Quality Certification:** NO

**Individual NPDES:** NO

**Isolated Wetland:** NO

**U.S. Army Corp Nationwide Permit:** NO

**Proposed Project Start Date(if applicable):** February 01, 2018

**Estimated Completion Date(if applicable):** December 31, 2018

**Total Land Disturbance (Acres):** 1.6

**MS4 Drainage Area (Sq. Miles):**

**SWP3 Attachment(s):** <None>

### IV. Payment Information

**Check #:**

**Check Amount:**

**Date of Check:**

**For Ohio EPA Use Only**

**Check ID(OFA):**

**ORG #:**

**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.

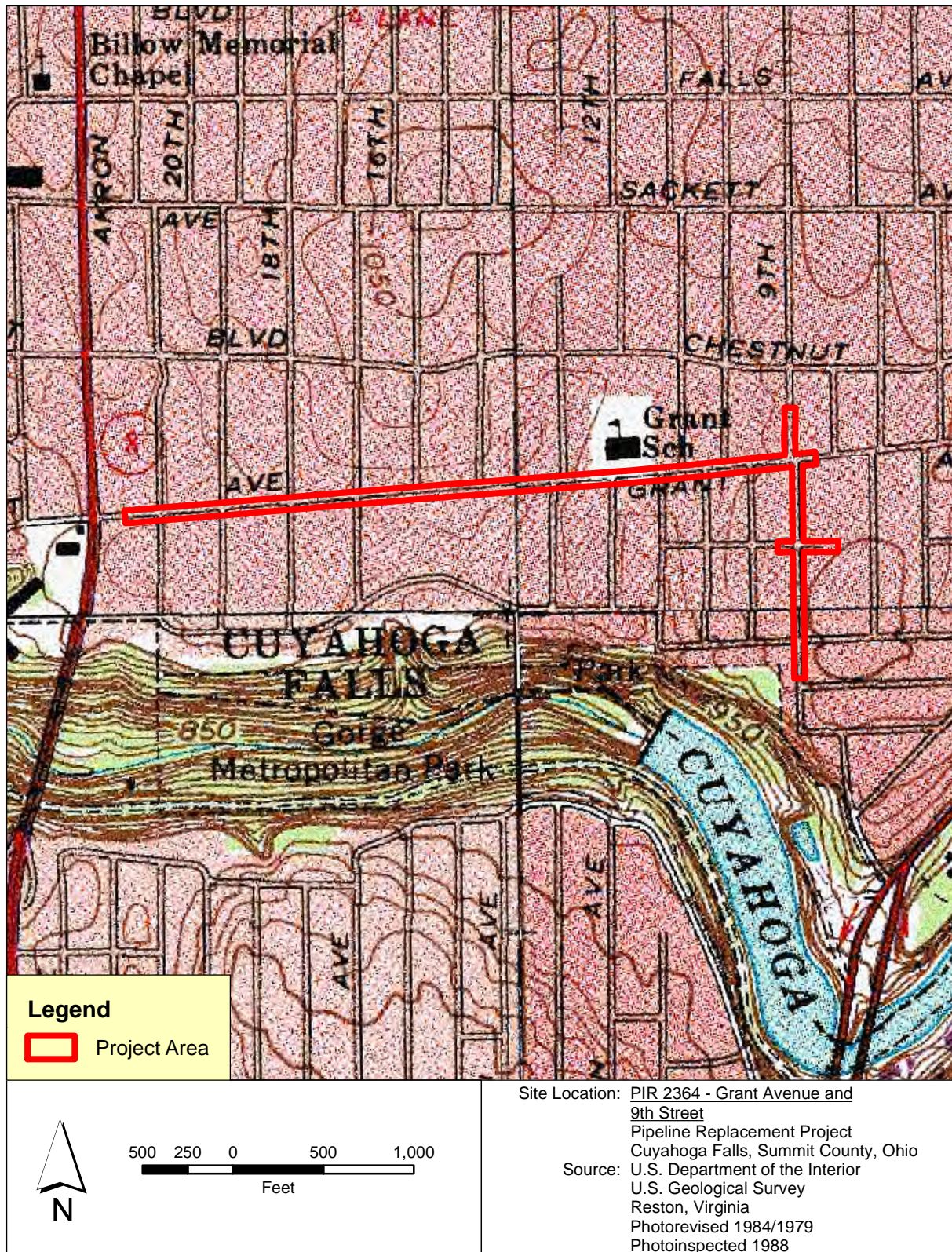
**Applicant Name (printed or typed):**

**Title:**

<b>Signature:</b>	<b>Date:</b>
-------------------	--------------



**Location of Project Area on  
USGS 7.5-Minute Topographic Maps  
(Akron East, Hudson, and Peninsula Quadrangles)**





**Ohio EPA**  
**General NOI Application Fee Invoice**  
Division of Surface Water



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

**Facility:**  
PIR 2364 Grant Avenue and 9th Street  
Grant Ave, 9th Street, and Horace Ave  
Cuyahoga Falls, OH 44221

**Transaction ID:** 1006746  
**DATE:** 07/17/2017  
**Payment Due:** 08/16/2017  
**Revenue ID:** 1158337

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

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

**Balance Due** **\$200.00**

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

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

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

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

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

**Pay To:**  
Treasurer, State of Ohio

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

<b>Transaction ID:</b>	1006746
<b>Revenue ID:</b>	1158337
<b>Amount Due:</b>	\$200.00
<b>Revenue Type:</b>	DSW- General Permit NOI - Other(APRON)
<b>Amount Enclosed:</b>	

For internal Ohio EPA use only.	
Check #:	
Check ID #:	
Postmark Date:	

UNITED STATES POSTAL SERVICE

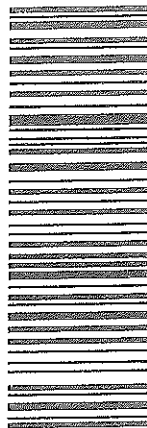


First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Dominion Energy Ohio  
Tara Buzzelli  
320 Springside Dr., Suite 320  
Akron, OH 44333

PIR 1211, 2338, 2364



7005 1820 0004 0659 8108  
7005 1820 0004 0659 8108

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**CERTIFIED MAIL<sup>TM</sup> RECEIPT**  
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Total Postage & Fees	\$

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Sent To OEPA NOI  
Street, Apt. No.,  
or PO Box No. PIR 1211, 2338, 2364  
City, State, ZIP+4  
Please return to T. Buzzelli, floor  
USPS Form 3800, June 2002

P MARK MESSERSMITH  
1001 DOMINION FLEX  
DOMINION-AKRON - 320 SPRINGSIDE  
320 SPRINGSIDE DR  
AKRON OH 44333

Revenue 10 1158337 Commercial Convenience Check **523**

July 19, 2017 68-1/510  
Date

Pay to the order of Treasurer, State of Ohio \$ 200.00  
Two hundred dollars and 00/100 Dollars

Revenue ID # 1158337

**Bank of America**

Bank of America, N.A.  
Richmond, VA

Void after 60 days  
For Deposit Only

For PIR 2364 OEPA NOI  
MWO# 6337 3506

P. M. Messersmith

# SUMMIT SOIL & WATER CONSERVATION DISTRICT

1180 SOUTH MAIN STREET, SUITE 241, \* AKRON, OH 44301 \* (330) 929-2871

FAX:

## PLAN REVIEW NOTICE OF COMPLIANCE

August 25, 2017

Tara Buzzelli  
East Ohio Gas Co.  
320 Springside Dr., Suite 320  
Akron, OH 44333

Re: East Ohio Gas PIR 2364  
Plan Review - Submittal #1

Dear Ms. Buzzelli:

Alina Godbey, from the Summit SWCD office, reviewed the Storm Water Pollution Prevention Plan for the above referenced site. This plan meets with our approval.

1. Prior to earth disturbance, a pre-construction meeting must be scheduled with our office. We will require the attendance of those associated with the implementation of the SWPPP.

If you have any questions please contact our office at (330) 929-2871.

Sincerely,

Alina Godbey

cc: City of Cuyahoga Falls  
File

**Tara E Buzzelli (Services - 6)**

---

**From:** Russell W. Kring <kringrw@cityofcf.com>  
**Sent:** Thursday, August 10, 2017 8:06 AM  
**To:** Tara E Buzzelli (Services - 6)  
**Subject:** [External] Re: EOG Hunters Parkway MLX

Hi Tara,  
The SWPPP plans for PIR 2364 and PIR 1211 look good from my end. Does that get us up to date or are you still waiting on approval on any of these from us?

Russ Kring

---

**From:** "Tara E Buzzelli (Services - 6)" <[Tara.E.Buzzelli@dominionenergy.com](mailto:Tara.E.Buzzelli@dominionenergy.com)>  
**To:** "Russell W. Kring" <[kringrw@cityofcf.com](mailto:kringrw@cityofcf.com)>  
**Sent:** Tuesday, July 11, 2017 1:05:18 PM  
**Subject:** EOG Hunters Parkway MLX

Good afternoon Mr. Kring,  
The East Ohio Gas Company (EOG) submitted a small site SWPPP for the Hunter Parkway MLX project for the installation of 359 feet of natural gas pipeline. The project is planned to begin soon. Have you had a chance to review the plan? A copy of the SWPPP submittal has been attached for your convenience.

Thank you for your time.

Sincerely,

***Tara Buzzelli***  
Dominion Energy Services  
320 Springside Drive, Suite 320  
Akron, Ohio 44333  
office: 330-664-2579  
cell: 330-604-8871

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**CONFIDENTIALITY NOTICE:** This electronic message contains information which may be legally confidential and or privileged and does not in any case represent a firm ENERGY COMMODITY bid or offer relating thereto which binds the sender without an additional express written confirmation to that effect. The information is intended solely for the individual or entity named above and access by anyone else is unauthorized. If you are not the intended recipient, any disclosure, copying, distribution, or use of the contents of this information is prohibited and may be unlawful. If you have received this electronic transmission in error, please reply immediately to the sender that you have received the message in error, and delete it. Thank you.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**11/21/2017 12:02:39 PM**

**in**

**Case No(s). 17-2337-GA-BNR**

Summary: Text Dominion Energy Ohio Construction Notice for PIR 2364 Pipeline Replacement Project - Part 2 electronically filed by Teresa Orahod on behalf of Sally W. Bloomfield