

2018 Ohio Stormwater Conference

OIL AND GAS PERMITTING IN OHIO





Employee owned. Client driven.



# **Agenda**

- 1. Introductions
  - Cynthia Paschke, PWS, MEd | Principal Environmental Scientist
  - Jim Jones, PE, CPESC, CPSWQ | Senior Project Manager
- 2. Overview of Pipeline Regulation & Agencies
- 3. Section 404 Permitting
- 4. Section 401 Permitting
- 5. Flowage Easements
- 6. Floodplain Coordination
- Oil and Gas Exemption
- 8. Stormwater Construction General Permit (CGP)
- Changes
- 10. Q&A



# Overview of Pipeline Regulation & Agencies





- Pipeline construction in Ohio is viewed as the "wild west" by some
- Perceived as not being regulated
- Actually they are, permitted, regulated, and monitored by a myriad of Federal, State, and sometimes local agencies.
  - PHMSA, FERC, USACE (404 / Flowage Easement), USFWS, PUCO, ODNR, OEPA (401/SWPPP), SWCD



# Overview of Utopia Pipeline Project

- ► Pipeline transports purity ethane or ethane propane blends for plastic industry feedstock.
- Original route was 217 miles through 14 counties
- Constructed New Build was 151 miles of 12" pipeline
- Extends from Harrison County to Seneca County (9 Counties)
- Connects to an existing 12" pipeline in Green Springs,
   OH and continues to Windsor, Ontario







# **Section 404 Permitting**

- Construction impacts for pipeline projects are temporary in nature and within a right-of-way.
- Facilities and access roadways may have permanent impacts to wetlands and streams.
- ► For the Kinder Morgan Utopia Pipeline Project, Section 404 Nationwide Permit, No.12 was used.
  - Evaluated single and complete crossings for impact thresholds less than 0.50 acres of wetland impacts and 300 linear feet of stream impacts



# **Section 404 Permitting (continued)**

## Avoidance & Minimization Measures

- Used neckdowns to 50 feet at every water crossing to avoid and minimize impacts.
- Applied buffers to wetlands based on ORAM. categories and to streams based on flow regime.
- Extended neckdowns of 50 feet into the buffer areas.
- Restricted stump removal to the construction trench line to minimize impacts to forested and shrub wetlands.
- Only 30 feet of the 50 foot permanent easement will be maintained within features.



# **Section 401 Permitting**

Initially, the Kinder
Morgan Utopia Pipeline
Project required use of
an Ohio EPA Section 401
Water Quality
Certification (WQC).



- ► Permitting for Reroutes after March 2017 the Section 401 WQC was no longer required.
- ► Portions of the project within the ineligible "purple" watersheds had been authorized.

# Flowage Easements

- Easements are in place for the USACE Flood Control Projects in southeast Ohio.
- ► For construction activities, the USACE Real Estate Section must issue a Consent to Easement.
- ► There can be no change to elevation within the Flowage Easement.
- ► The Kinder Morgan Utopia Pipeline Project approx. 20 miles was within Flowage Easement and needed an Consent to Easement.



# Floodplain Coordination

- Initiated coordination with 14 counties (original alignment) to identify the Floodplain Administrator.
- Each County had a unique application process and data requirement.
  - One county required cross section data for evidence of pre-construction floodplain elevations.
- Created tracking document including expiration dates.
- Renewing for contractor right-of-way restoration.



- Currently there is an exemption from filing an NOI
  - Applies to specific situations
  - Does not absolve the operator of due diligence, or BMP usage
  - Does not alleviate need for Section 404/401 Permitting
- 2. The exemption can be revoked
- OEPA is considering a "Construction
   Storm Water Permit for Oil and Gas Linear
   Transmission
  - First proposed in November of 2017







Division of Surface Water July 2017

### **Storm Water Permitting for Oil- and Gas-Related Operations**

This fact sheet was developed to clarify the intent of the National Pollutant Discharge Elimination System (NPDES) storm water exemption and identify which activities are exempt and not exempt from NPDES construction and industrial storm water permitting.

http://epa.ohio.gov/Portals/0/general%20pdfs/StormWaterPermittingforOilandGasRelatedOperations.pdf

Since the Federal Court ruling on portions of the storm water regulation the following facilities/activities are exempt and not exempt from NPDES construction and industrial storm water permitting. The listed exemptions include all field activities or operations associated with exploration, production, processing, or treatment operations, or transmission facilities, including activities necessary to prepare a site for drilling and for the movement and placement of drilling equipment.

## **Exempt Facilities/Activities**

- Well sites and drill pads.
- Access and maintenance roads including haul/maintenance roads solely servicing exempt activities.
- Gathering line systems.
- Transmission line systems.
  Staging areas for oil and gas operations that are contiguous to the exempt project.
- Water lines, electric utility lines and railroad infrastructure servicing field exploration and production activities.
- Gas processing plants (natural gas liquids recovery facilities and/or H2S gas sweetening plants).
- Natural gas pipeline compressor stations.
- Natural gas transmission lines
- Dedicated natural gas pipelines connecting LNG terminals to nearest transmission pipeline hub.
- .... See Storm Water Permitting for Oil and Gas Related Operations document for other exempted and not exempt activities.

# Situations Where Exemption Ceases and NPDES Storm Water Permit Required

An exempt oil and gas facility/activity is not required to submit a NPDES permit application for storm water discharges unless the facility/activity:

- has had a discharge of storm water resulting in the discharge of a **reportable quantity** for which notification is or was required pursuant to 40 CFR 117.21 or 40 CFR 302.6; or has had a discharge of storm water resulting in the discharge of a reportable quantity for which notification is or was required pursuant to 40 CFR 110.6; or
- contributes to a violation of a water quality standard. Introduction of pollutants, including sediment, to surface waters of the state may violate water quality standards
- through either numeric standards and/or free froms which may create noticeable color change and/or increase in turbidity.

A **reportable quantity** is the amount of oil that violates applicable water quality standards or causes a film or sheen upon or a discoloration of the surface of the water or adjoining shorelines or causes a sludge or emulsion to be deposited beneath the surface of the water upon adjoining shorelines (40 CFR 110.6). The reportable quantities for other substances are listed in 40 CFR 117.3 and 302.4 in terms of pounds released over a 24-hour period.



## **Storm Water Permitting for Oil- and Gas-Related Operations**

To maintain the exemption, operators of exempt oil and gas field activities or operations are encouraged to implement and maintain best management practices (BMPs) such as the ones listed below to minimize discharges of pollutants, including sediment, in storm water both during and after construction activities to help ensure protection of surface water quality during storm events.

- Installing perimeter controls, sediment basins/traps and a stabilized construction entrance.
- Isolating drainage from the site to eliminate storm water run-on through the site.
- Using a stabilized entrance or wheel wash station to reduce mud on streets/roads from vehicle drag out.
- Containing and properly disposing of all drilling fluids, including fluid associated with setting the casing and plugging operations.
- Inspecting the site on a regular basis and after a rainfall to determine if additional measures (for example, additional stone, seed or mulch) are needed to stabilize the site.

### **More Information**

For more information and fact sheets about regulations pertaining to oil- and gas-related operations, go to: <a href="mailto:epa.ohio.gov/MarcellusandUticaShale.aspx">epa.ohio.gov/MarcellusandUticaShale.aspx</a>. For more information about BMP guidance, go to:

- Ohio Department of Natural Resources' Best Management Practices for Oil and Gas Well Site Construction oilandgas.ohiodnr.gov/portals/oilgas/pdf/BMP\_OIL\_GAS\_WELL\_SITE\_CONST\_2013.pdf
- Ohio Rainwater and Land Development Manual epa.ohio.gov/dsw/storm/technical\_guidance.aspx



# Construction General Permit (CGP)

- ▶ 1992 Ohio's first CGP (>5 acres)
- Permits renewed every five years
  - 1992,1998, **2003**, 2008, 2013, **2018**
- Currently CGP requires E&S controls & Postconstruction controls on sites disturbing > 1 acre.
  - Or part of a larger common plan of development.
- Current Permit Issued April 23, 2018



## **CGP Renewal Timeline**

- 1. Internal Draft
- 2. Stakeholder Outreach
- 3. Public Notice of Draft Renewal
- 4. 45-52 day public comment period
- Review comments and make changes (Feb/March)
- OEPA Director signoff (March / April)
- 7. Permit issued April, 2018







# **MS4 Program**

## ► Phase I MS4s

- ► Medium & Large
- Akron, Columbus,Dayton, & Toledo

## ► Phase II MS4s

- Small MS4s
- ▶578 Statewide

## National Map of Regulated MS4s





# Developing Stormwater Pollution Prevention Plans (SWPPP)







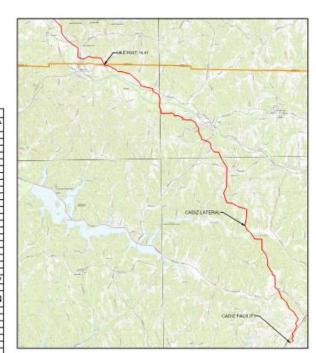
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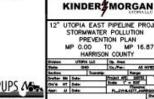
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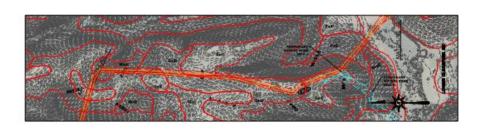


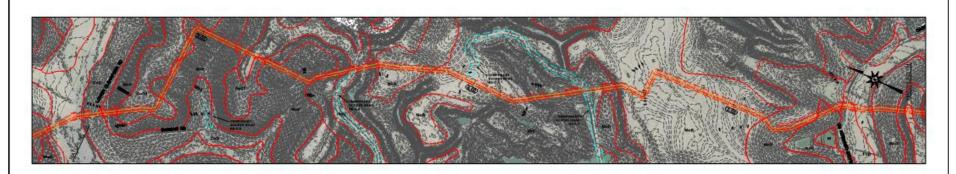
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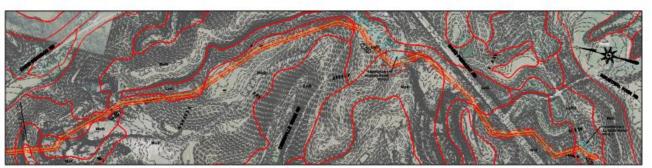
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- 18. APPLICATION OF LINE OF FERTILIZER WITHIN METLANDS IS NOT PERMITTED. DISTURBED METLANDS SHALL BE PLANTED IN ACCORDANCE WITH 401/404 PERMITS.
- 19. NO SOL DISTURBANCE MAY OCCUR IN A WETLAND EXCEPT PER 401/404 PERMITS.
- 20. RESTORATION OF WEILANDS AND STREAM SHALL BE IN ACCORDANCE WITH THE PROJECT MANUALS AND 401/404 PERMITS
- 21. SOIL STOCKPILE RECEITS WAST NOT EXCEED 35 MEET AND SLOPE WAST SE 2-1 OR PLATTER.
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- 23. ECC+ AND SMP+ MUST BE INSTALLED INMEDIXELY MYTER VEGETATION HAS BEEN CLEARED FROM AN AREA.
- 24. SERMENT REMOVED FROM ECON OR BMPN SHALL BE DISPOSED OF IN AMEAS OUTSIDE OF STEEP SLOPES, METLANDS, FLOCOPLANDS, MATERIEODES, OR DRAMANE SHALES 25, DOS- AND BUT- SHALL BE DISPOSED OF IN AREAS OLYSIDE OF STEEP SLIPPS, WETLANDS, FLOROFLANDS, MATERIODES, OR DEMONSE SHALES.
- ON GLOPE RECARDS (WATERWARD SHALL HOT BE LISTO IN CHLEWATER OR RESORVEM, AREAS

### PIPELINE BMP INSTALLATION SEQUENCE

- 1. INSTALL GRANCE CONSTRUCTION FENCING ARGUND WOODLANDS AND WETLANDS TO BE PRESERVED

- 5. REMOVE BRUSH TO EFFECTIVELY PICTULL PERMICHER CONTROLS, LEVEL SIDE CUTS TO GRANT ACCESS FOR VEHICLES AND WIRMLESS TO SHIFLY PERFORM THE BUTHLANDOW OF SEDMENT BARRIERS AS SHOWN ON THE SIDE.
- A MISTAL PERMITE COPPOLS ACCESS PEOUPEMENTS FOR PERMITER CONTROLS ALONG PRIMATE SPINES WHICH THE LOD SHALL BE IN ACCORDANCE WITH THE
- B. HAVE SURVEY CREWS LOCATE AND RE-STAVE ALL SPECIAL AREAS OF CONCERN (I.E., METLANDS, STREAMS, ETC.) IF RELESSANT S. PROCEED WITH MAJOR CLEANING AND GRUSSING.
- 10. BEGIN CONSTRUCTION STWONG FOR TEMPORARY GRADING
- 11. AS THE GRADBING OPERATION COMMUNICE, INSTITUL TEMPORARY CIEMA WATER OMERSION SHALES, RUME CHANNEL CROSSINGS (INCLUSING LIMETS AND OUT PROVIDED AND THE ALLOW THE ALLOWEDT AND APPROXIMENT WATERCOOKS AND RETURNES FOR PLAN AND AS DIRECTED BY INFORMATION, INSPECTION, INC.
- 12. STRP AND ETICOPIE TOPOL: ENLANCE TRENCH AND ETICOPIE SEPARATELY PROX TOPOL. HISTAIL SEMENT BARRIES AND/AD ETICOPIES AS DISCUSS BY DANOMETER, INSPECTORS.
- 13. CLEAR, CRUE, AND CONSTRUCT STREAM AND METUAND DISCISIOS IN ACCORDANCE WITH ARMY CORPS, AND RELATED PERMITS.
- 16. HARD, FIFE TO MONT-OF-MAY, PERFORM NOT SHOW-DESTRUCTIVE TEXTINGS INSPECTION OF WELSE AND APPLY CONTING TO WELS AREA
- 15. BENG, PLACE ON SUPPORTS, AUGH AND WELD.
- 16. HISTALL TRENCH PLIKES.
- 17. PERFORM HYDROSTATIC PRESSURE TEXT OF PIPELINE.
- 16. SENATER PIPELNE, COMPLETE FINAL TE-MS AND DRY PIPELNE.
- TO BROTTLE PRE TROPOL BETWEEN TEMPERATELY GRADED AREAS TO PRE ECULEDWENT GRADE, REPARAMETRIL ENGINE CONTROL BLANCET AS RECORD, IMPERATELY SEED AND STABLES, AREAS AT TRUE, GRADE
- 28 MARTINI BAPS UPTS, STE NOW, IS COUNTED AND A MINIMUM UNITON TO PERCENT PERCHANAL VENETATIVE COVER IS ESTABLISHED WITH THE ENCEPTION OF ASSOCIATION, LAND WHICH THE EXCEPTIONS IN ACCORDANCE WITH THE ASSOCIATION.
- 21. REMOVE AND PROPERLY DEPOSE OF/RECYCLE EASE BAPS. NEMOVE CHARGE CONSTRUCTION FENCHS. REPAIR AND PERMANENTLY STREAMS MEAN DESTROYS DAVING

- 2. MAY CHANGE IN THE PIPELINE AUGMENT WHICH THE RECORDARY/RECOMMY SHALL BE COORDINATED WITH THE COUNTY RECORDARY ADMINISTRATION
- 3. HO PERMANENT CHANGE IN GRADE REPORTION IS PRINCIPLD WITHIN THE REGISTRAN/REGISTRANS.

### FLOWAGE EASEMENT GENERAL NOTES

HYDROSTATIC TEST WATER DISCHARGE

- RUMBLE EASIEMS ARE SUBJECT TO ROUGHE AND LEWISH HUMONION BY FLOOD WHILES, PARTICULARLY BETWEEN THE MONTHS OF OCCUMEN THROUGH APIL. DIE TO THE HIGH POSTETILL FOR FLOODING POSSEX. WITH MEMBER, DOCK THE CONTROLL OCCUPANTE ALL ACTIVITIES BY FLORING EMBERSHIS WITH THE MINUTE AND WORTY THE COMPANY OF THE PLANING ACTIONS AND USECS CONSIDERATED.
- 3. PLANTABLE MATERIALS SHALL NOT BE STOCKPLED WHEN THE FLORING EXSEMPTS, FURTHER, THE CONTRACTOR SHALL MINUSE THE LINEAR FOOTING OF OPEN TRENCH AND STARTS FROM
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACES CHARACES OR DESTROYED PROPERTY CORNERS AND MONABORS. THE REPLACEMENT OF THE AFOREMENTANCE SURVEY MARKETS SHALL BY MADE UNDER THE DIRECT SUPPLYADOR OF A PROPERTY HARD SUPPLY LIGHTED IN THE TIME OF OWN.
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ODNR SCENIC RIVERS GENERAL NOTES:

### PROJECT OCCUPY

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- C. REPORTOR DURING THE OPERATOR, WE SUGGEST THAT THE DRILLING CREW MONTOR THE MANAGE AND SHIEUSKY STATE SCENC RIVERS FOR ANY PRICE-CUTS OF

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POST RAINFALL INSPECTION PRIORITY:

ATTEMPTED T STREAM CONDUCTOR STREAMS

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CATEGORY 1 WETLANDS

INSPECTION

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- POPP THAT, INCIDED:
  THE SECOND PROPERTY OF PRESSORED, MARKED THE REPETCHES OF SHEET AND THE PROPERTY OF THE PR

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SOL STABILIZATION

- THE PROJECT CONSISTS OF THE CONSTRUCTION OF A 12" TRANS
- 1. SITE LOCATION: REFER TO COVER SHEET WONETY MAP
- 2. EXTRAVED TEMPORARY DISTURBED AREA IN PROJECT: SEE THISLE THIS SHEET 3. PRIOR LAND USE: WARES, REPER TO PLAN & PROFILE SHEETS FOR EXISTING LAND USE
- 4. IMPERVOUS AREA CREATED: NO PERMANENT IMPERVOUS AREA WILL RESULT FROM THE CONSTRUCTION OF THE PROPERTY.
- S. PERCENT SPERVIOUS AREA CREATED, OF
- 7. SOUS DATA (MICS MESSON, SURVEY): REFER TO COVER SHEET AND ATTACHED MAP

- 10. SUMMERT OF REPORT COCHMIST: REPORT COCHMIST MIL BY TRYLED LYDING A WINNING MAY ONLY MIL BY CHEMISTO LYDING A WINNING MAY ONLY MAY ONLY MIL BY CHEMISTO AND MODIFICATION AND
- II. WATER RESOURCES: REPER TO COVER SHEET VICINITY MAP

### POST CONSTRUCTION BMP PATIONALE-

THE PIPELINE IS CONSIDERED A TEMPORARY DISTURBANCE. THE LAND WILL BE RETURNED TO THE STRONGLASS PRO-CENTRALISMS CHARGE AND VISITATIVE STATE AS PROCESS. SITE OPERATORS:

KINDER MORCHH UTOPIA LLC RAME PHONE HUMBER

SWP3 PREPARED BY

ESTIMATED CONSTRUCTION DATES:

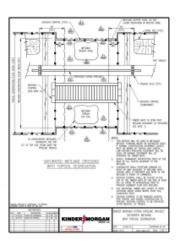
PIPELINE CORRIDOR DISTURBED AREA		
COUNTY	DISTURBED AREA (ACRES)	
PULTON	902	
HENRY	43	
LUCAR	73	
WOOD	216	
SANGUERY	340	
SEMEGA	**	
14,804	326	
BOILHE	3	
ASSLAND	258	
WANTE	375	
STARK.	118	
TUSCARAMAS	211	
CAMPOLL	92	
HARPESCH	199	
7004	2444	

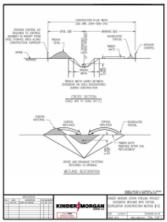
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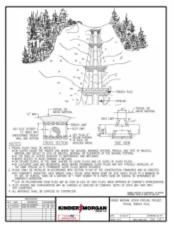
UTOPIA FAST - TYPICAL NOTES AND DETAILS STORMWATER POLLUTION PREVENTION PLAN

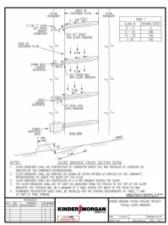
VARIOUS COUNTIES

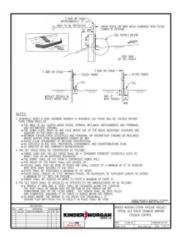
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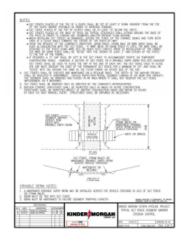


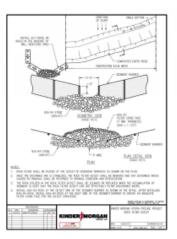


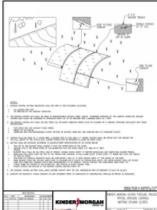


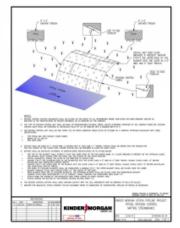


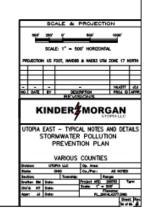


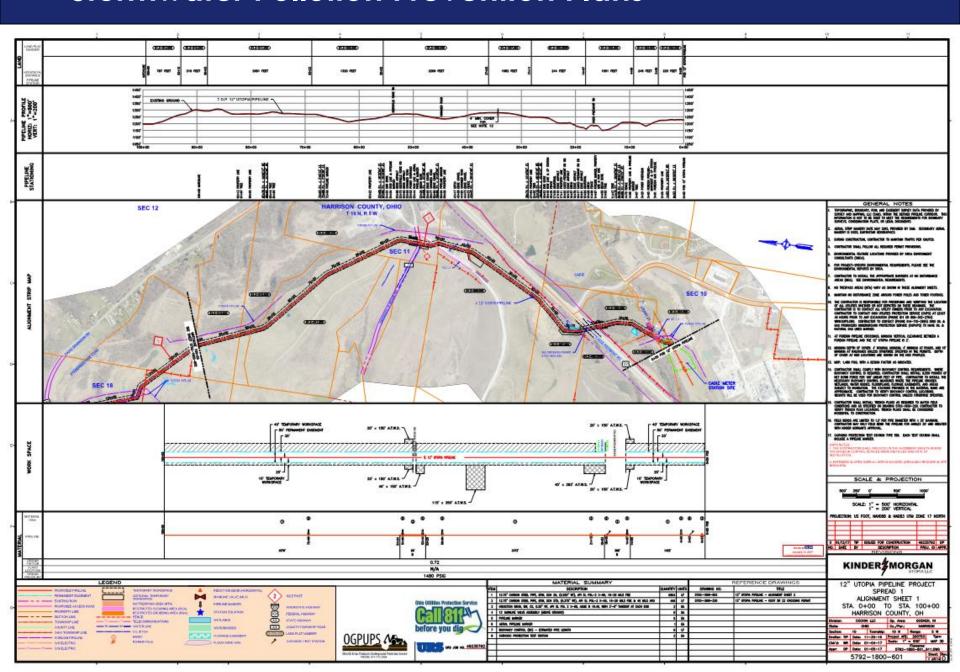












# **SWPPP**

- Required Elements
- Choosing Best Management Practices
- Planning for Inspection, Maintenance, & Recordkeeping
- Plan Certification
- Implementing SWPPPs



# Site Description

- Drainage Report
  - Type & Nature of
     Construction Activity
  - Total Area & Area of
     Disturbance
  - Existing Impervious Area
  - Proposed Impervious Area







- Pre & Post-construction
  Runoff Coefficients
- Existing Soil Data
- Description of Prior Land Uses







- Schedule
  - Major Construction Operations Sequence
  - BMP Implementation Sequence
- Immediate Receiving Stream
- Banks, steep slopes, drainage ways, riparian zones, and etc



- Permit Requirements
- Cover Page
- Activity Log
- Site Map
  - Limits of Disturbance
  - Soil Types
  - Existing and Proposed Contours



# ►Site Map

- Surface Water Locations within 200 Feet
- Existing and Proposed Improvements
- BMP Locations
- Sediment & Storm Water Management
- Permanent Storm Water Management
- Waste Disposal Area & Concrete Washout
- Construction Entrances
- In-stream Activities



- **▶** Controls
  - -What?
  - -When?
  - Who is responsible ?
  - Non-Structural Preservation
  - Exist. Vegetation
  - Buffer Strips
  - Phasing







- **►** Controls
  - Erosion Control Practices
  - Stabilization
  - Permanent
    - Stabilization of Conveyance
    - **Channels**









- Controls
  - Runoff ControlPractice
  - Sediment ControlPractices
  - Detail Drawings
  - Timing of Practices



## Silt Fence and Diversions

- Intercepts sediment in sheet flow
- Only effective for limited sized areas

Max. Drainage Area (acres) / 100 LF of Silt Fence	Range of slope in Drainage Area (%)
0.5	<2%
0.25	>= 2% but <20%
0.125	>= 20% but <50%

Adapted from Ohio EPA Permit No.: OHC000004



- Post-Construction Storm Water Management
  - Permanent Impacts / Facilities
    - Detail Drawings
    - Maintenance Plan
    - Easements & agreements
    - Map showing access





# Water Quality Volume

Land Use	Coefficient
Industrial / Commercial	0.8
High Density Residential	0.5
Medium Density Residential	0.4
Low Density Residential	0.3
Open Space and Recreational Areas	0.2

Adapted from Ohio EPA Permit No.: OHC000004



# Water Quality Volume – Table 2

ВМР	WQv Drain Time
Infiltration Basin or Trench	48 hours
Permeable Pavement - Infiltration	48 hours
Permeable Pavement – Extended Detention	24 hours
Dry Extended Detention Basin	48 hours
Wet Extended Detention Basin	24 hours
Constructed Wetland	24 hours
Sand & Media Filtration	24 hours
Bioretention Area/Cell	24 hours
Pocket Wetland	24 hours

Adapted from Ohio EPA Permit No.: OHC000004



- Inspect BMPs every 7 calendar days
- Within 24 hours of 0.5" or greater storm event per 24 hour period
- Inspect once per month following temporary stabilization or winter conditions
  - These periods must be documented
- Document stabilized areas



- Inspection by "qualified inspection personnel"
  - As defined by the CGP
- For the Utopia Pipeline Project Environmental
   (EI) and Agricultural (AI) Inspectors were used
  - Beneficial to have Els with construction experience
  - Als focused on drain tile, soil horizons and compaction



#### Inspections must include:

- Inspection date
- Name, qualifications, and signature
- Weather conditions since last inspection
- Weather conditions during inspection
- Location of discharges from site
- BMPs requiring maintenance or failed
- Locations where BMPs are needed
- Corrective action needed





#### **Utopia Pipeline Project Environmental Inspection Daily Report**

Spread:	Spread 1	Date:	2017				
Inspector:	B.T, EI	Weather:	Cloudy, Evening Rain, High 52				
Contractor(s):	Drainage	Precipitatio	0.10 inches				
		n Total:					
Inspection Summary							
Attended the 7:00 am morning Drainage meeting at the New Philadelphia staging area. The Contractor continued to stack timber from the wooded area on a tract near RD-C-2 in preparation of chipping. The chipper was on site but was not operating. Due to mechanical issues with the silt fence trencher, no erosion control devices were installed. Topsoil remained segregated on the tract where the excavator traveled to retrieve cut timber.							
Construction Activities							
Timber stockpiled on the tract. Timber mat installation on RD-C-8.							
Landowner Conf	tact?		□ ⊠ No				
Agency Inspecti	□ ⊠ No						
Inadvertent Retu	□ ⊠ No						
Additional Comments							
Rain fell in the afternoon and created muddy conditions. No sedimentation was observed leaving the right of way boundary.							



#### **Photos**

Location: Approximate Station / Tract Direction of Photo: Northwest Description: Properly stabilized slope.



Location: Tract

Direction of Photo: South

**Description:** Cabled and anchored timber mats

along RD-UE-27.



Location: RD-C-8

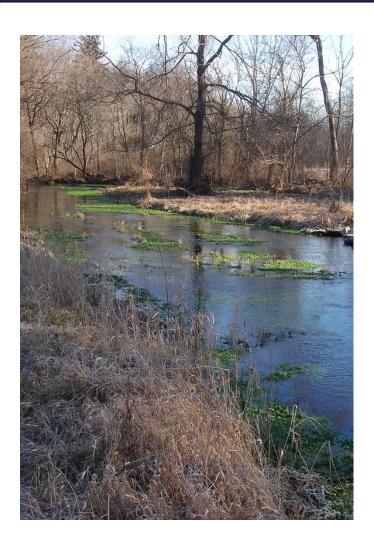
**Direction of Photo:** Southeast **Description:** Company completed the installation of the timber mat on RD-C-8.





- 3 days to make repairs
  - —10 days for settling ponds
- 10 days to amend SWPPP and implement
- 10 days to install missing BMPs or explain their removal from SWPPP
- File NOT within 45 days of permit requirement completion
- Following NOT maintain a record and certification of inspection for 3 years





- Local Approvals & Permits
- 401 & 404 Permits
- Completed SWPPP
- Notice of Intent (NOI)
  - Fee
- Inspections
- Increased involvement by local agencies



#### **STREAMS**

### Surface Water Tracking, Reporting, Electronic Application Management System

- ▶ Became Mandatory in 2017
- Greatly speeds issuance of "Letters of Authorization"
- ▶They are still working the bugs out of the system

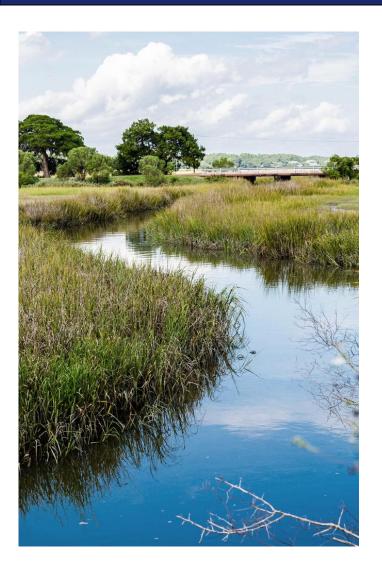




#### Division of Surface Water - Notice of Intent (NOI) For Coverage Under Ohio Environmental Protection Agency General NPDES Permit

NPDES gen	of this NOI constitutes notice t eral permit program. Becomin y the instructions. Do not use c	g a perm	party identified in S nittee obligates a d	ection I of t ischarger to	his fo	oly with the terms and o	rized cond	to discharge into st itions of the permit.	Complet	e all required information as	
	e made payable to "Treasurer,			e table in At	tachn	nent C of the NOI instru	ction	s for the appropria	te process	sing fee.)	
	ant Information/Mailing (Applicant) Name:	Addre	255								
	Applicant) Address:				_						
City:						ate:			Zip Code:		
Contact P	Contact Person: Phone: Fax:										
Contact E	-mail Address:							•			
II. Facilit	ty/Site Location Informat	tion									
Facility N	ame:										
Facility A	ddress/Location:										
City:					St	ate: Ohio			Zip Code:		
County(ie	s):				Township(s):						
Facility Co	ontact Person:				Ph	ione:			Fax:		
Facility Co	ontact E-mail Address:										
Latitude:			Longitude:					(For Construction attach map)	tion & Coal, must complete lat/long &		
Receiving	Stream or MS4:							attach mapi			
	ral Permit Information										
General Permit Number: Choose an item.							T	Initial Coverage:	Renewal Coverage:		
Type of A	Type of Activity: Choose an item. SIC Code(s):										
Existing N	PDES Permit Number:					ODNR Coal M	inin	g Application Nur	nber:		
If Househ	old Sewage Treatment Syst	tem, is s	system for:	new home	e con	struction or 🗆	repl	acement of failed	existing	system	
Outfall:	Design Flow (MGD):	Associated Permit Effluent Table:				Lat	itude:		Longitude:		
		Choose an item.									
		Choose an item.									
		Choose an item.									
		Choose an item.									
Are These	Permits Required?	PT	Choose one.	Ir	ndivi	dual 401 Water Qua	lity (	Certification Ch	oose on	10.	
Isolated V	Vetland Choose one.	U.S	S. Army Corp Na	tionwide F	Perm	it Choose one.		Individual N	IPDES (	Choose one.	
Proposed Project Start Date:				Estimated Completion Date:							
Total Land Disturbance (Acres):				MS4 Drainage Area (Sq. Miles):							
IV. Payment Information											
Check #: For Ohio EPA Use Only											
Check Amount: ORG #:											
Date of Check:         Rev ID:											
I certify under panalty 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 opther 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: Title:											
Applicant	Applicant Signature: Date:										





- Maintenance of BMPs
- Revision of SWPPP
- Record Keeping
- Stabilization
- Notice of Termination (NOT)





Division of Surface Water - Notice of Termination (NOT) of Coverage Under Ohio Environmental Protection Agency General NPDES Permit

(Read accompanying instructions carefully before completing this form.)  Submission of this NOT constitutes notice that the party identified in Section II of this form is no longer authorized to discharge into state waters under the NPDES general permit program. NOTE: All necessary information must be provided on this form. Do not use correction fluid on this form. Forms									
transmitted by fax will not be accepted. There is n	o fee associat	ted w	ith submitting this form.						
I. Permit Information  NPDES General Permit Number: OH									
Facility General Permit Number:									
II. Owner/Applicant Information/Mailing A	ddress:								
Company (Applicant) Name:									
Mailing (Applicant) Address:									
City:									
Contact Person:						Eay:			
Contact Ferson.  Contact E-mail Address:			Priorie.			FdX.			
Contact E-mail Address:									
III. Facility/Site Location Information									
Facility Name:									
Facility Address/Location:									
City:	State: 2								
County:	·	Tov	nship:			Section:			
Facility Contact Person:			Phone:			Fax:			
Contact E-mail Address:									
IV. Reason for Termination									
Transfer of Ownership	Cease to Di	scha	rge 🗆	Facility	Closed				
Project Completed	Obtained Ir	ndivid	dual Permit 🗆						
V. Certifications									
Standard Certification:									
I certify under penalty of law that all discharges at									
facility. I understand that by submitting this NOT,				nis genera	ii permit ana i	tnat a	iscnarging pollutants to		
waters of the state without an NPDES permit is unlawful under ORC 6111.  Name (typed):					Title:				
Signature:					Date:				
Industrial Storm Water and Coal Mining Activity Certification Only:									
I certify under penalty of law that all discharges associated with the identified facility that are authorized by the above referenced NPDES general permit have been eliminated, that I am no longer the operator of the facility, or in the case of a coal mine that the SMCRA bond has been released by ODNR-									
Division of Reclamation. 1 understand that by submitting this NOT, I am no longer authorized to discharge storm water associated with industrial activity									
under this general permit, and that discharging pollutants in storm water associated with industrial activity to waters of the state is unlawful under ORC									
6111 where the discharge is not authorized by an NPDES permit.  Name (typed):  Title:									
*** *									
Signature: Date:									
Storm Water Construction Activity Certification Only:  I certify under penalty of law that all elements of the storm water pollution prevention plan have been completed, the disturbed soil at the identified facility.									
have been stabilized and temporary erosion and sediment control measures have been removed at the appropriate time, or that all storm water discharges									
associated with construction activity from the identified facility that are authorized by the above referenced NPDES general permit have otherwise been									
eliminated. I understand that, by submitting this NOT, I am no longer authorized to discharge storm water associated with construction activity by the									
general permit, and that discharging pollutants in storm water associated with construction activity to waters of the state is unlawful under ORC 6111 where the discharge is not authorized by an NPDES permit.									
Name (typed): Title:									
Signature: Date:									



#### Changes

- Consolidation of all 3 CGPs
- Electronic Submittal of SWPPP
- Use of sediment basins on sites <5 acres</p>
- WQv (Table 2) requirements for all sites, large and small
- Table 2 practices are "appropriate" or can be adapted for small sites
- Revised WQv equation which may result in larger volumes



#### **Potential Changes**

Credits for green infrastructure that may reduce WQV

#### Example:

- Retaining or amending natural soil
- Bioretention
- Grass Swales
- Disconnected impervious
- Permeable pavers
- Retain and manage the first 1" of rainfall onsite
- Re-evaluating the WQv equation which may result in larger volumes









#### Summary

- Pipeline construction in Ohio is NOT the "wild west" and is regulated by numerous agencies
- Early and on-going agency coordination is critical
- It is vital to have effective communication with the construction team and environmental inspectors
- Detailed record keeping is a must
- Have a detailed contingency plan for unanticipated events
- When unanticipated events happen move quickly and immediately notify the regulators



#### Discussion – Q & A





#### References

- Ohio EPA Permit No.: OHC000004 General Permit Authorizations for Storm Water Discharges Associated with Construction Activity Under the National Pollutant Discharge Elimination System. Effective April 21, 2013.
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