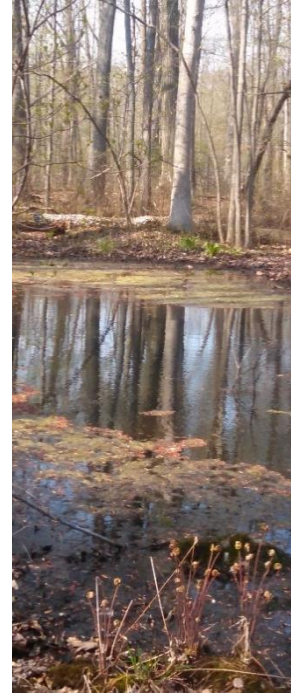




2018 Ohio Stormwater Conference

OIL AND GAS PERMITTING IN OHIO



Employee owned. Client driven.

Connecticut | Maryland | Massachusetts | New Jersey | New York | Ohio | Pennsylvania | Rhode Island | Texas



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

7. Oil and Gas Exemption

8. Stormwater Construction General Permit (CGP)

9. 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.

Oil & Gas Exemption

1. 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

3. OEPA is considering a “Construction Storm Water Permit for Oil and Gas Linear Transmission

- ▶ First proposed in November of 2017



Oil & Gas Exemption



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.

Oil & Gas Exemption

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:

epa.ohio.gov/MarcellusandUticaShale.aspx. 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 & Post-construction 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
5. Review comments and make changes (Feb/March)
6. OEPA Director signoff (March / April)
7. Permit issued April, 2018



MS4 Program

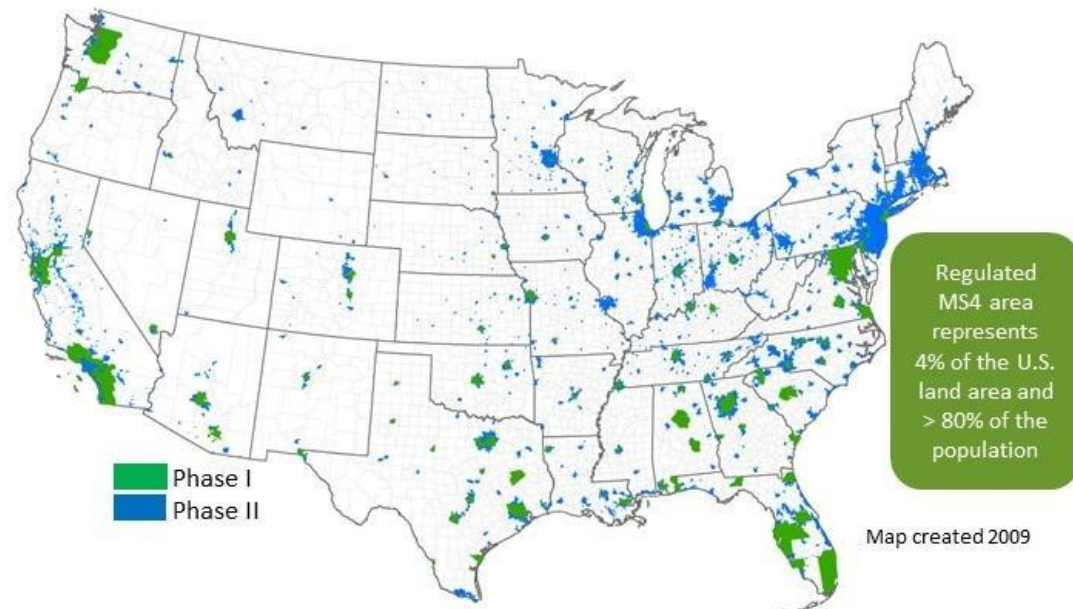
► Phase I MS4s

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

► Phase II MS4s

- Small MS4s
- 578 Statewide

National Map of Regulated MS4s



Developing Stormwater Pollution Prevention Plans (SWPPP)



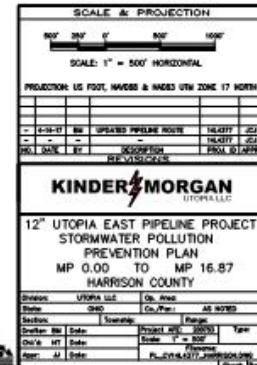
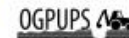
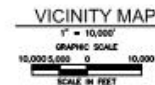
ARCHER, CADIZ, MONROE, NORTH, AND STOCK TOWNSHIPS
HARRISON COUNTY, OHIO

SHEET INDEX	
1	COVER
2-4	SO LOCATION MAP
10-26	GENERAL NOTES
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	TYPICAL TEMPORARY PIPE CROSSING AIR BRIDGE METHOD
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36	TYPICAL BORED CROSSING ROAD CROSSING
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	W/IN WATERBODY CROSSING
	W/IN-FLUING WATERBODY CROSSING OPEN CUT TRENCH
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	SATURATED MUDFILL WITHOUT TOPSOIL SEPARATION
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	SATURATED MUDFILL WITH TOPSOIL SEPARATION
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	BILT FENCE SEDIMENT BARRIER EROSION CONTROL
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	CRUSHED BARK / WATERBURY RUMPAK EROSION CONTROL
	CRUSHED BARK / WATERBURY RUMPAK EROSION CONTROL
	CRUSHED BARK / WATERBURY ANTICLIMATE CONCRETE MAPS
	CRUSHED BARK / WATERBURY ANTICLIMATE CONCRETE MAPS
64	CRUSHED BARK / WATERBURY ANTICLIMATE CONCRETE MAPS
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	HYDROSTATIC EXHAUSTION STRUCTURE
	HYDROSTATIC EXHAUSTION STRUCTURE
	RETENTIVE FILTER BAG FOR DREDGING
	FORNIGN PIPELINE CROSSING
	BURIED CABLE CROSSING DETAIL
80	SWPP ADJUSTMENT LOG
	ADJUSTMENT SHEETS SH-04-02 TO SH-04-03
	ADJUSTMENT SHEETS SH-04-04 TO SH-04-05

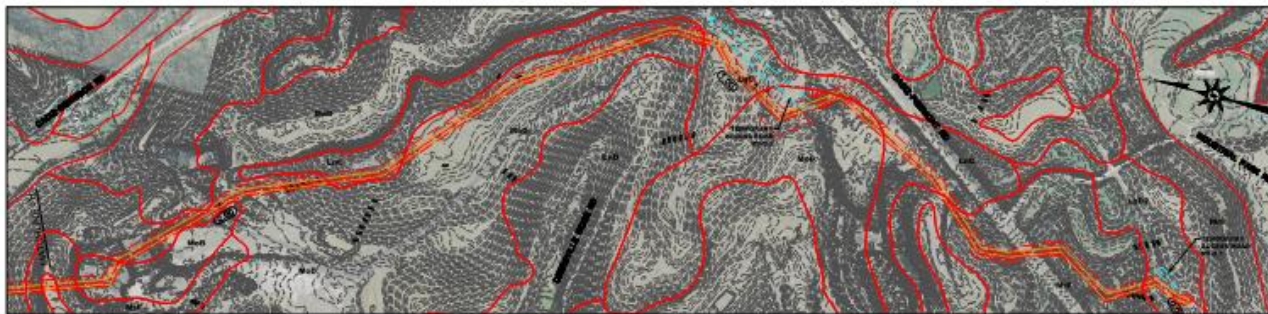
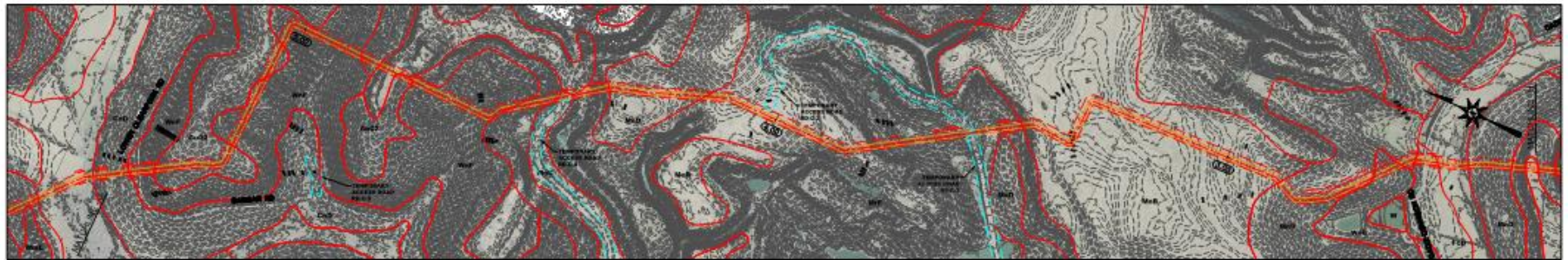
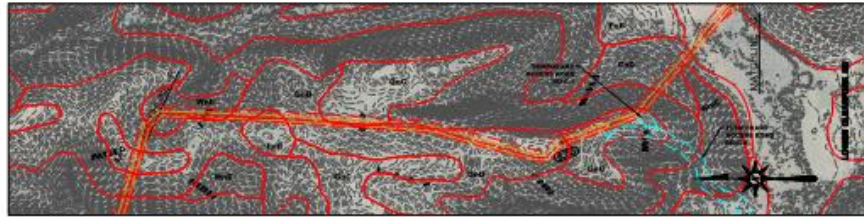
ROIL TYPES		
MAP UNIT NAME	MAP UNIT DESCRIPTION	AGE PRECEDING SON (Date year)
A0B	ARMOR SILT LOAM, 2 TO 4 PERCENT SLOPES	.....
A0C2	ARMOR SILT CLAY LOAM, 4 TO 15 PERCENT SLOPES	.....
B0B	BERMS CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES	.....
C0C	CONGOREN SILT LOAM, 6 TO 15 PERCENT SLOPES	.....
C0D	CONGOREN SILT LOAM, 15 TO 25 PERCENT SLOPES	.....
F0A	FLORISSANT SILT LOAM, 0 TO 3 PERCENT SLOPES	.....
F0B	FLORISSANT SILT LOAM, 3 TO 8 PERCENT SLOPES	.....
G0B	GERMAN FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	.....
G0B	GULPH SILT LOAM, 3 TO 8 PERCENT SLOPES	.....
G0B	GULPH SILT LOAM, 8 TO 15 PERCENT SLOPES	.....
G0B	GULPH SILT LOAM, 15 TO 25 PERCENT SLOPES	.....
G0B	GLENNFORD SILT LOAM, 3 TO 8 PERCENT	.....
G0B	GLENNFORD SILT LOAM, 8 TO 15 PERCENT	.....
G0C	GLENNFORD SILT LOAM, 8 TO 15 PERCENT SLOPES	.....
H0B	HORRINGTON SILT CLAY LOAM, 15 TO 25 PERCENT SLOPES	.....
H0F	HORRINGTON CHANNERY SANDY LOAM, 15 TO 35 PERCENT SLOPES	.....
H0F	HORRINGTON CHANNERY SANDY LOAM, 40 TO 70 PERCENT SLOPES	.....
L0C	LOMELL SILT LOAM, 8 TO 15 PERCENT SLOPES	.....
L0C2	LOMELL SILT LOAM, 15 TO 25 PERCENT SLOPES	.....
M0B	MORRISTOWN SILT CLAY LOAM, 0 TO 8 PERCENT SLOPES	.....
M0B	MORRISTOWN SILT CLAY LOAM, 8 TO 25 PERCENT SLOPES	.....
M0B	MORRISTOWN CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	1,80-2,17; 4,22-4,21
M0B	MORRISTOWN CHANNERY SILT LOAM, 8 TO 25 PERCENT SLOPES	.....
M0F	MORRISTOWN CHANNERY SILT LOAM, 25 TO 70 PERCENT SLOPES	0,10-0,50; 1,87-0,50 2,17-0,50; 2,23-0,50
O0	OFFSHORE SILT LOAM	.....
Q0F	QUAYVILLE SILT LOAM, 25 TO 40 PERCENT SLOPES	.....
T0	TIDEAL SILT LOAM	.....
M0	WESTPORTLAND SILT LOAM, 25 TO 35 PERCENT SLOPES	.....
M0	WESTPORTLAND SILT LOAM, 35 TO 40 PERCENT SLOPES	.....
M0F	WESTPORTLAND-DEKALA COMPLEX, 25 TO 40 PERCENT SLOPES	.....
M0F	WESTPORTLAND-DEKALA COMPLEX, 40 TO 70 PERCENT SLOPES	.....

[illegible]

WATERBODY ID	TYPE	LATITUDE	LONGITUDE
W0028	PAULATIME BURNING	48.432880	-81.149228
W0008	PAULATIME BURNING	48.408207	-81.349001
W0007	PAULATIME BURNING	48.408227	-81.449800
W0009	PAULATIME BURNING	48.408808	-81.550717
W0004	PAULATIME BURNING	48.402498	-81.703805
W0003	PAULATIME BURNING	48.402498	-81.903801
W0006	PAULATIME BURNING	48.431338	-81.088443



Stormwater Pollution Prevention Plans



LEGEND

TEMPORARY WORKSPACE
PIPELINE R/W
PIPELINE CENTERLINE
SOIL BOUNDARY

**PRELIMINARY
NOT FOR
CONSTRUCTION**



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING
3750 Boulder Oaks Dr
Suite G
Orem, UT 84058
(201) 229-4359

MATERIAL SUMMARY

ITEM	DESCRIPTION	QUANTITY	UNIT

REFERENCE DRAWINGS

DRAWING NO.	DATE	ISSUE

SCALE & PROJECTION



SCALE: 1" = 500' HORIZONTAL

PROJECTION: US FOOT, NAD83 & NAD83 UTM ZONE 17 NORTH

NO.	DATE	DESCRIPTION	BY	CHKD

KINDER MORGAN
UTOPALLC

12" UTOPIA EAST PIPELINE PROJECT
STORMWATER POLLUTION
PREVENTION PLAN
MP 0.00 TO MP 16.87
HARRISON COUNTY

DESIGNER	DATE	BY	CHKD	DATE	BY	CHKD

1. THE COMPANY WILL PROVIDE THE APPROPRIATE PERMITS FOR TEST WATER DISCHARGE. THE CONTRACTOR SHALL UTILIZE APPROPRIATE IMPS, SAMPLING, AND REPORTING AS REQUIRED BY MINNESOTA TEST WATER - GENERAL PERMIT CHRO00002. TEST AND DISCHARGE LOCATIONS TO BE AS DIRECTED BY THE COMPANY AND SET FORTH IN THE CONSTRUCTION DOCUMENTS.

2. WATER USED FOR TESTING SHALL NOT BE MIXED BETWEEN WATERSHEDS. SPECIFICALLY, TEST WATER SOURCED FROM THE LAKE ERIE WATERSHED IS TO BE DISCHARGED INTO THE SAME. Likewise, TEST WATER SOURCED FROM THE ONC RIVER WATERSHED IS TO BE DISCHARGED BACK TO THAT WATERSHED. THE DEMONSTRATION IS REGISTERS ON THE CONSTRUCTION DOCUMENTS.

Doc's	HT	Date:	Scale: 1" = 300'
Appr:	AI	Date:	Filename: PL-201-6-4277.DWG
			Sheet 1 of 1

[illegible]

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SWPPP

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

Required Elements

- ▶ **Site Description**
- ▶ Drainage Report
 - Type & Nature of Construction Activity
 - Total Area & Area of Disturbance
 - Existing Impervious Area
 - Proposed Impervious Area



Required Elements

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



Required Elements

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

Required Elements

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

Required Elements

► 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

Required Elements

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



Required Elements

- ▶ Controls
 - Erosion Control Practices
 - Stabilization
 - Permanent
 - Stabilization of Conveyance Channels



Required Elements



- ▶ Controls
 - Runoff Control Practice
 - Sediment Control Practices
 - Detail Drawings
 - Timing of Practices

Choosing BMPs

► 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

Choosing BMPs

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



Choosing BMPs

► 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

Choosing BMPs

► Water Quality Volume – Table 2

BMP	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

Inspection, Maintenance & Recordkeeping

- ▶ **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, Maintenance & Recordkeeping

- ▶ **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 EIs with construction experience
 - AIs focused on drain tile, soil horizons and compaction

Inspection, Maintenance & Recordkeeping

► 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

Inspection, Maintenance & Recordkeeping



Utopia Pipeline Project Environmental Inspection Daily Report

Spread:	Spread 1	Date:	Thursday, April 06, 2017
Inspector:	B.T, El	Weather:	Cloudy, Evening Rain, High 52
Contractor(s):	Drainage	Precipitation Total:	0.10 inches
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 Contact?			<input checked="" type="checkbox"/> No
Agency Inspection?			<input checked="" type="checkbox"/> No
Inadvertent Return? (attach report as applicable)			<input checked="" type="checkbox"/> No
Additional Comments			
Rain fell in the afternoon and created muddy conditions. No sedimentation was observed leaving the right of way boundary.			

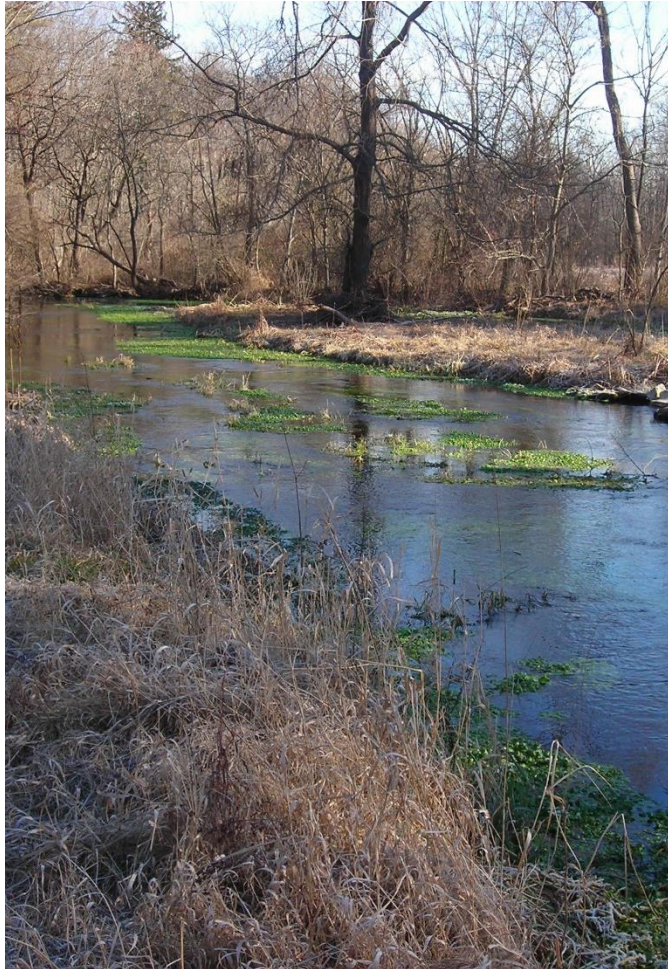
Inspection, Maintenance & Recordkeeping

Photos	
<p>Location: Approximate Station / Tract Direction of Photo: Northwest Description: Properly stabilized slope.</p>	
<p>Location: Tract Direction of Photo: South Description: Cabled and anchored timber mats along RD-UE-27.</p>	
<p>Location: RD-C-8 Direction of Photo: Southeast Description: Company completed the installation of the timber mat on RD-C-8.</p>	

Inspection, Maintenance & Recordkeeping

- ▶ **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**

Implementing SWPPPs



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

Implementing SWPPPs

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

Implementing SWPPPs



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:				
Mailing (Applicant) Address:				
City:	State:	Zip Code:		
Contact Person:	Phone:	Fax:		
Contact E-mail Address:				
II. Facility/Site Location Information				
Facility Name:				
Facility Address/Location:				
City:	State: Ohio	Zip Code:		
County(ies):	Township(s):			
Facility Contact Person:	Phone:	Fax:		
Facility Contact E-mail Address:				
Latitude:	Longitude:	<i>(For Construction & Coal, must complete lat/long & attach map.)</i>		
Receiving Stream or MS4:				
III. General Permit Information				
General Permit Number: Choose an item.		Initial Coverage: <input type="checkbox"/>		Renewal Coverage: <input type="checkbox"/>
Type of Activity: Choose an item.		SIC Code(s):		
Existing NPDES Permit Number:		ODNR Coal Mining Application Number:		
If Household Sewage Treatment System, is system for: <input type="checkbox"/> new home construction or <input type="checkbox"/> replacement of failed existing system				
Outfall:	Design Flow (MGD):	Associated Permit Effluent Table:	Latitude:	Longitude:
		Choose an item.		
		Choose an item.		
		Choose an item.		
		Choose an item.		
Are These Permits Required?		PTI Choose one. Individual 401 Water Quality Certification Choose one.		
Isolated Wetland Choose one.		U.S. Army Corp Nationwide Permit Choose one. Individual NPDES 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:		Check ID (OFA): _____ ORG #: _____		
Date of Check:		Rev ID: _____ DOC #: _____		
<i>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.</i>				
Applicant Name:		Title:		
Applicant Signature:		Date:		

Implementing SWPPPs



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

Implementing SWPPPs



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 no fee associated with submitting this form.

I. Permit Information			
NPDES General Permit Number: OH			
Facility General Permit Number:			
II. Owner/Applicant Information/Mailing Address:			
Company (Applicant) Name:			
Mailing (Applicant) Address:			
City:	State:	Zip Code:	
Contact Person:	Phone:	Fax:	
Contact E-mail Address:			
III. Facility/Site Location Information			
Facility Name:			
Facility Address/Location:			
City:	State:	Zip Code:	
County:	Township:	Section:	
Facility Contact Person:	Phone:	Fax:	
Contact E-mail Address:			
IV. Reason for Termination			
Transfer of Ownership <input type="checkbox"/>	Cease to Discharge <input type="checkbox"/>	Facility Closed <input type="checkbox"/>	
Project Completed <input type="checkbox"/>	Obtained Individual Permit <input type="checkbox"/>		
V. Certifications			
Standard Certification: I certify under penalty of law that all discharges authorized by the NPDES general permit have been eliminated or that I am no longer the operator of the facility. I understand that by submitting this NOT, I am no longer authorized to discharge under this general permit and that discharging 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. I 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
- ▶ 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.
- Supplemental Specification 832 Temporary Sediment and Erosion Control. Ohio Department of Transportation. January, 2014.
- Rainwater and Land Development. Ohio Department of Natural Resources

Contact Us

Cynthia Paschke

Jim Jones

☐ Principal Environmental Scientist

☐ Senior Project Manager

☐ cpaschke@blcompanies.com

☐ jjones@blcompanies.com

☐ 234.294.6343

☐ 234.294.6345

☐ 330.690.2031 (cell)

☐ 330.413.8021 (cell)

3755 Boettler Oaks Drive, Suite G
Green, OH 44685

www.blcompanies.com

