



PITT-10-21-030

October 28, 2021

Mr. Domenic Rocco
Director, Regional Permit Coordination Office
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
400 Market Street
Harrisburg, Pennsylvania 17101

**Re: Sunoco Pipeline L.P. – Pennsylvania Pipeline Project (Mariner East II)
Chapter 102 Permit No. ESG0500015001
Renewal Application - Southwest Region Permit
Washington, Allegheny, Westmoreland, Indiana, and Cambria Counties, Pennsylvania**

Dear Mr. Rocco:

The Sunoco Pipeline, LP (SPLP) Mariner East 2 (a.k.a. PPP) project Chapter 102 permit (Permit No. ESG0500015001) expires on February 12, 2022. On August 3, SPLP requested renewal submission extension to October 29, 2021 to align with the end of the growing season. As you are aware, significant portions of the Project have been completed and are permanently stabilized, however areas exist where work remains to be completed and where the permanent stabilization has not yet been achieved.

As such, please accept the enclosed Individual Erosion and Sediment Control Permit Renewal Application as a request to the Pennsylvania Department of Environmental Protection (Department) for renewal of coverage for areas in the above referenced Chapter 102 authorization where permanent stabilization requirements have not yet been achieved. The approved E&S and PCSM Plans, including approved amendments for these areas requesting renewal, have not been revised.

In order to clearly identify those areas, the enclosed E&S / Site Restoration plans have been marked up to indicate the areas where SPLP is requesting the permit coverage to be renewed and which areas meet the restoration requirements. The areas that have met the requirements for successful restoration are delineated with black Limit of Disturbance (LOD) lines, whereas those determined to not meet the permit requirements or may require additional work/disturbances are delineated with a blue LOD line. Most of the areas where the permit renewal request is being made are simply within the early restoration phase with E&S BMPs still in place, with some minor areas still having some land disturbance activities remaining. SPLP has also engaged each of the County Conservation Districts (CCDs) for their concurrence with the areas proposed to be renewed as part of this request.

The attached package includes a completed Checklist for the Renewal Application; the Individual E&S Permit Renewal Application with required sections completed including Compliance History Table and Modules 3 and 4; General Information Form (with only required sections completed) and the Permit Renewal Drawing package and where appropriate, the corresponding excel tracking table and CCD confirmation and/or correspondence. The Administrative Filing Fee of \$1,500 and the Disturbed Acreage Fee of \$16,500 for the 165 acres disturbed are being sent to via FedEx to your attention.

Mr. Domenic Rocco
Pennsylvania Department of Environmental Protection
October 28, 2021

SPLP appreciates your timely review of this renewal application. Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8163 or via e-mail at Robert.Simcik@tetratech.com.

Sincerely,



Robert F. Simcik, P.E.
Project Manager
Tetra Tech, Inc.

Enclosures: 1 original, 1 copy

cc: File 112IC05958
D. Drake, SWRO DEP
M. Golden, Washington CCD
M. Gordon, Allegheny CCD
C. Droste, Westmoreland CCD (CS#1 westside of Delmont)
C. Gross, Westmoreland CCD (CS#2 east side of Delmont)
S. Dull, Indiana, CCD
C. Kerr, Cambria CCD
N. Bryan, Energy Transfer
M. Styles, Energy Transfer
C. Embry, Energy Transfer
B. Schaeffer, Tetra Tech

**Individual E&S Permit
Renewal Application Checklist (3800-PM-BCW019c)**



EROSION AND SEDIMENT CONTROL PERMIT FOR DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES APPLICATION CHECKLIST ¹

Applicant Name:	Sunoco Pipeline L P		
Project Site Name:	Pennsylvania Pipeline Project-Mariner East 2		
Application Type:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Renewal <input type="checkbox"/> Major Amendment <input type="checkbox"/> Minor Amendment		
Check the box provided for all items completed and/or provided. Failure to provide all required information will delay the processing of the application. ENCLOSE THIS CHECKLIST WITH YOUR COMPLETED APPLICATION.			
	APPLICATION REQUIREMENTS	Check ✓ If Included	Check ✓ If Not Applicable
1.	One original and one copy of the complete Application form (3800-PM-BCW0019b)	<input checked="" type="checkbox"/>	
2.	One original and one copy of the complete General Information Form (GIF) (0210-PM-PIO0001) ²	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	Administrative Filing Fee (\$1,500 plus any additional CCD-specific fees, if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	One copy of the completed Application form and one copy of the GIF to DEP (if CCD is the initial recipient) ²	<input type="checkbox"/>	<input type="checkbox"/>
5.	Disturbed Acreage Fee (\$100 x disturbed acres)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.	Two copies of the County Notification Form (3800-FM-BCW0271b) ³	<input type="checkbox"/>	<input type="checkbox"/>
7.	Two copies of the Municipal Notification Form (3800-FM-BCW0271c) ³	<input type="checkbox"/>	<input type="checkbox"/>
8.	Two copies of the proof of county and municipal receipt of Notification Forms (required if Notification Forms are not signed by county and/or municipality) ³	<input type="checkbox"/>	<input type="checkbox"/>
9.	One original and one copy of the PNDI Receipt ⁴	<input type="checkbox"/>	<input type="checkbox"/>
10.	Two copies of the PNDI clearance letter(s) from jurisdictional agencies ⁴	<input type="checkbox"/>	<input type="checkbox"/>
11.	Two copies of the PHMC clearance letter(s)	<input type="checkbox"/>	<input type="checkbox"/>
12.	One original and two copies of E&S Module 1 (3800-PM-BCW0406a)	<input type="checkbox"/>	<input type="checkbox"/>
13.	Three copies of the E&S Plan Drawings ⁵	<input type="checkbox"/>	<input type="checkbox"/>
14.	Three copies of the E&S Standard Worksheets (or equivalent) and supporting calculations	<input type="checkbox"/>	<input type="checkbox"/>
15.	One original and two copies of PCSM Module 2 (3800-PM-BCW0406b)	<input type="checkbox"/>	<input type="checkbox"/>
16.	Three copies of the PCSM Plan Drawings ⁵	<input type="checkbox"/>	<input type="checkbox"/>
17.	Three copies of the PCSM Supporting Calculations – BMP Design	<input type="checkbox"/>	<input type="checkbox"/>
18.	Three copies of the PCSM Supporting Calculations – Stormwater Analysis (required where DEP PCSM Spreadsheet not used)	<input type="checkbox"/>	<input type="checkbox"/>
19.	Three copies of the DEP PCSM Spreadsheet – Volume Worksheet (optional)	<input type="checkbox"/>	<input type="checkbox"/>
20.	Three copies of the DEP PCSM Spreadsheet – Rate Worksheet (optional)	<input type="checkbox"/>	<input type="checkbox"/>
21.	Three copies of the DEP PCSM Spreadsheet – Quality Worksheet	<input type="checkbox"/>	<input type="checkbox"/>
22.	Two copies of the soil/geologic test results (where BMPs relying on infiltration will be installed)	<input type="checkbox"/>	<input type="checkbox"/>
23.	One original and two copies of Antidegradation Analysis Module 3 (3800-PM-BCW0406c) (and required attachments)	<input type="checkbox"/>	<input type="checkbox"/>
24.	One original and two copies of Riparian Buffer Module 4 (3800-PM-BCW0406d) (and required attachments)	<input type="checkbox"/>	<input type="checkbox"/>
25.	Other:	<input type="checkbox"/>	

3800-PM-BCW0019c 8/2020
Application Checklist

1 The table below identifies the items in an application package (corresponding to the item numbers in the checklist) that must be submitted to a delegated county conservation district (CCD) or to the appropriate DEP regional office, based on application type.

Application Type	Where CCD is the initial recipient ⁶		Where DEP is the recipient ⁶
	Submit to CCD:	Submit to DEP:	Submit to DEP:
New	Items 1-3 and 5-25 (as applicable).	Item 4.	Items 1, 2, 3 (\$1,500 only), and 5-25 (as applicable).
Renewal ⁷	Items 1-3 and a letter indicating that the previously approved E&S and PCSM Plans have not been revised and explaining what work has been completed and what work remains on the project site.		Items 1-3 and a letter indicating that the previously approved E&S and PCSM Plans have not been revised and explaining what work has been completed and what work remains on the project site.
Major Amendment ⁷	Items 1-3, 5-11 (only for new earth disturbance), 12-14 (where applicable, only for revisions to the E&S Plan), 15-22 (where applicable, only for revisions to the PCSM Plan), and 23-24 (only where applicable). New or updated information must be bold/highlighted.		Items 1-3, 5-11 (only for new earth disturbance), 12-14 (where applicable, only for revisions to the E&S Plan), 15-22 (where applicable, only for revisions to the PCSM Plan), and 23-24 (only where applicable). New or updated information must be bold/highlighted.
Minor Amendment ⁷	Items 1, 2, 5-11 (only for new earth disturbance), 12-14 (where applicable, only for revisions to the E&S Plan), 15-22 (where applicable, only for revisions to the PCSM Plan), and 23-24 (only where applicable). New or updated information must be bold/highlighted.		Items 1, 2, 5-11 (only for new earth disturbance), 12-14 (where applicable, only for revisions to the E&S Plan), 15-22 (where applicable, only for revisions to the PCSM Plan), and 23-24 (only where applicable). New or updated information must be bold/highlighted.

- 2** Where there is a co-applicant(s), additional Client Information and Certification sections of the GIF should be completed for each co-applicant.
- 3** Applicants may submit the completed County and Municipal Notification Forms with the application or, if the county and/or municipality has not returned the completed form to the applicant 30 days following receipt by the county and municipality, the applicant may submit copies of the forms submitted to the county/municipality along with proof that the county/municipality received the form(s). County and Municipal Notification Forms are not required for renewal applications and are required for major and minor amendment applications only if new earth disturbance is proposed.
- 4** All applicants for new permits must attach a PNDI receipt. If the PNDI receipt indicates a Potential Impact, the applicant may submit clearance letters from jurisdictional agencies with the application or, if the clearance letters have not been received by the time of application submission, the applicant may submit clearance letters during the application review period. DEP/CCD will not issue a permit prior to the receipt of such letters, if applicable. PNDI receipts are not required for renewal applications and are required for major and minor amendment applications only if new earth disturbance is proposed.
- 5** E&S and/or PCSM Plan Drawings must present project site and limit of disturbance boundaries, topography, surface waters (including wetlands), discharge points, BMPs, off-site support activities (if applicable), and all other features required by the application.
- 6** For projects located solely in Beaver, Forest, and Philadelphia counties, the DEP Regional Office is the recipient. For projects that span two (2) counties, the county with the greatest amount of earth disturbance will be the recipient (unless that county is Beaver, Forest, or Philadelphia, in which the DEP Regional Office will be the recipient). For projects that span three (3) or more counties within one (1) DEP Region, the DEP Regional Office is the recipient. For projects that span three (3) or more counties within two (2) or more DEP Regions, the DEP Regional Permit Coordination Office (RPCO) is the recipient. For projects that span two (2) or more counties, additional copies of the Items may be required. Additionally, where certain types of PCSM BMPs, including floodplain restoration and gravity stormwater wells (i.e., Class V Injection Wells), are proposed, DEP RPCO will take responsibility for the review.
- 7** Renewal applications must use form 3800-PM-BCW0019b (the General Information, Compliance History, and Certification for Permit Applicants must be completed at a minimum). For major and minor amendment applications, previously submitted forms and attachments may be used, with updated information, and submitted if the original application was not submitted using form 3800-PM-BCW0019b. If form 3800-PM-BCW0019b is used for a major amendment, the form must be completed in its entirety. If form 3800-PM-BCW0019b is used for a minor amendment, the General Information, Compliance History, and Certification for Permit Applicants must be completed at a minimum). For Renewal and amendment applications, only the Client Information and Certification sections of the GIF are required to be completed.

**Individual E&S Permit
Renewal Application (3800-PM-BCW0019b)**

PROJECT SITE INFORMATION					
1. Project Site Name:					
2. Total Project Site Area: acres					
3. Project Site Impervious Area – Pre-Construction:		acres	Percent of Total:		%
4. Project Site Impervious Area – Post-Construction:		acres	Percent of Total:		%
5. Hydric soils or other wetland features are present within the Project Site. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, the wetland determination is attached to the application.					
6. County Name	Municipality Name	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PA
7. County Name	Municipality Name	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PA
8. Site Location Address					
9. Site Location City		State	ZIP+4		

OPERATOR INFORMATION

1. Operator Name: _____ 2. Contact Name: _____
 3. Operator Address: _____ 4. Operator Phone: _____
 5. Operator City, State, ZIP: _____
 6. Operator's Role in Project: General Contractor Consultant Excavation Contractor Other
 7. Operator's Responsibilities: _____

1. Operator Name: _____ 2. Contact Name: _____
 3. Operator Address: _____ 4. Operator Phone: _____
 5. Operator City, State, ZIP: _____
 6. Operator's Role in Project: General Contractor Consultant Excavation Contractor Other
 7. Operator's Responsibilities: _____

EARTH DISTURBANCE INFORMATION

1. Total Earth Disturbance Area _____ acres _____ sf
 2. Pre-Construction Impervious Area: _____ sf
 3. Post-Construction Impervious Area: _____ sf
 4. Pre-Construction/Present Land Use(s): _____ %
 _____ %
 _____ %
 _____ %
 5. Post-Construction Land Use(s): _____ %
 _____ %
 _____ %
 _____ %
 6. A map/drawing showing the site, LOD, surface waters, discharge points, BMPs and drainage is attached.
 7. Report latitude and longitude at the center of the proposed disturbed area.
 Latitude: _____ Longitude: _____
 8. Horizontal Reference Datum: NAD of 1927 NAD of 1983 WGS of 1984 Unknown
 9. There will be off-site construction support activities. Yes No
 10. If Yes, identify the nature of known off-site support activities whose disturbance is included in #1, above:

Description of Off-Site Support Activity	Distance from Site	Disturbance Area
	mi	acres
	mi	acres

11. Identify any other off-site support activities whose disturbance is not included in #1, above (see instructions).

Description of Off-Site Support Activity	Distance from Site	Disturbance Area
	mi	acres
	mi	acres

12. Check the appropriate box concerning fill material (see instructions):

No fill material is expected to be imported to the project site.

It is expected that fill will be needed for this project. The source of fill has not yet been determined but will undergo environmental due diligence when identified.

It is expected that fill will be exported from the project. The applicant has identified the source of the fill and has determined the material to be clean fill. DEP's online Certification of Clean Fill form has been submitted.

EARTH DISTURBANCE INFORMATION (CONTINUED)

- It is expected that fill will be needed for this project, which is located on a site that is being remediated to Act 2 standards and will be utilized in accordance with DEP standards under that program.
- It is expected that fill will be needed for this project. The applicant has identified the source of the fill and has determined it to be regulated fill. The regulated fill is authorized on the project site under a Waste Management General Permit No. WMGR096 authorization dated: _____.
- It is expected that fill will be needed for this project, which is not on an Act 2 site. The applicant has identified the fill and has determined that it does not meet criteria for clean fill. The applicant is seeking authorization to use the regulated fill from DEP's Waste Management Program.

13. The site is enrolled in DEP's Act 2 Program. Yes No
14. The site was previously enrolled in DEP's Act 2 Program and cleanup standards have been met. Yes No
15. Is Act 537 sewage planning approval needed for this project? Yes No
 The Act 537 approval letter is attached to the NOI. Yes No (will be submitted prior to approval) N/A
16. A Chapter 105 permit or authorization is required. Yes No
17. If Yes, identify the necessary authorization. Joint Permit General Permit Waiver
18. Other DEP/CCD permits or authorizations are required. Yes No
19. If Yes, identify the necessary authorizations.

EXISTING PERMITS

Identify all environmental permits issued by DEP/CCD/EPA or are pending for this facility/project site within the past 5 years.

Type of Permit	Permit No.	Date Issued	Issued By

COMPLIANCE HISTORY

Was/Is the facility owner or operator in violation of any DEP regulation, permit, order or schedule of compliance at this or any other facility or project site within the past 5 years? Yes No

If "Yes," list each permit, order or schedule of compliance and provide current compliance status. Use additional sheets to provide information on all permits.

Permit Program: See the attached Compliance Table. Permit No.:

Brief Description of Non-Compliance:

Steps Taken to Achieve Compliance	Date(s) Compliance Achieved

Current Compliance Status: In Compliance In Non-Compliance

STORMWATER DISCHARGE INFORMATION

1. List all stormwater discharge points **during construction** and provide the information requested below (see instructions). Not Applicable

Discharge Point No.	LATITUDE	LONGITUDE	RECEIVING WATERS					
	Degrees	Degrees	Name of Receiving Waters	Ches. Bay?	Non-Surface Waters	Ch. 93 Class.	Impaired?	TMDL?
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

2. List all stormwater discharge points **after construction and stabilization are complete** and provide the information requested below. Not Applicable

Discharge Point No.	LATITUDE	LONGITUDE	RECEIVING WATERS					
	Degrees	Degrees	Name of Receiving Waters	Ches. Bay?	Non-Surface Waters	Ch. 93 Class.	Impaired?	TMDL?
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

3. Will any of the points identified above discharge to a storm sewer system? Yes No Is the storm sewer an MS4 or CSS? Yes No
 Name of storm sewer owner/operator: _____ Discharge points discharging to storm sewer: _____

4. Identify and describe all non-stormwater discharges that are expected to occur during permit coverage. Describe the frequency and volume of all such discharges.

No non-stormwater discharges are anticipated.

5. Will there be any new or increased discharge to non-surface waters prior to reaching surface waters? Yes No

If Yes, the applicant is expected to 1) secure legal authority for the non-surface water discharge if the discharge will be to property not owned by the applicant, and 2) provide for adequate controls during and after earth disturbance activities to prevent accelerated erosion.

DISCHARGES TO IMPAIRED WATERS

- 1. Are stormwater discharges anticipated to impaired waters during or following construction activities? Yes No
- 2. If Yes to #1, is Antidegradation Module 3 attached to the application? Yes No
- 3. Is there an EPA-approved TMDL for the impaired waters? Yes No
- 4. If Yes to #3, is there a WLA(s) in the TMDL that would apply to the applicant's discharges? Yes No
- 5. If Yes to #4, explain in the space provided or in a separate attachment how the discharges will comply with the WLA(s).

CERTIFICATION FOR APPLICANTS

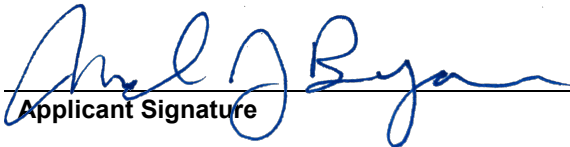
I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered 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 certify that I will abide by the terms and conditions of the permit until the Notice of Termination (NOT) is submitted. I will not commence in construction resulting in earth disturbance until all criteria specified in the permit are met for commencing construction. I will ensure that a licensed professional or a designee is present on-site and be responsible during critical stages of implementation of the PCSM Plan, as applicable. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Nicholas J. Bryan

Applicant Name (type or print legibly)

Sr. Director - E&C Environmental

Official Title


Applicant Signature

10/26/21

Date Signed

CERTIFICATION FOR OPERATORS

I understand that I am assuming joint and severable responsibility, coverage, and liability under the permit for all duties, responsibilities, and non-compliance with the Chapter 102 permit, as a co-permittee of this permit coverage. I certify that I will implement the requirements of the permit and the approved design plans and will notify the permittee and the agency that issued permit coverage prior to implementing changes to the plans.

Kurt Firestone

Operator Name (type or print legibly)

President

Official Title


Operator Signature

10/26/2021

Date Signed

Operator Name (type or print legibly)

Official Title

Operator Signature

Date Signed

Compliance History Table

Company:	Sunoco Pipeline, L.P.
DEP Client ID:	290687
Date:	9/22/2021

Compliance History Table					
Received Date	Permit Number	Facility	Regulating Agency	Brief Summary of Claim	Status
10/26/17	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	On 9/5/17, the DEP recvd notice of an IR of 30 gallons of drilling fluids in Wetland BB58 in Blair TS, Blair County. On 9/6/17, on behalf of the Dept, the Blair County Conservation District conducted an inspection of the Site and documented that the IR did discharge into Wetland BB58, a water of the Commonwealth. On 6/27/17, the Dept. previously recvd notice of an IR of 100 gallons of drilling fluids to uplands at the Site. The drilling fluids that comprised the IRs constitute Industrial Waste. The discharge of Industrial waste to waters of the Commonwealth w/out a permit is a violation.	Resolved
10/26/17	E31-234, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of 5,000 to 10,000 gallons of drilling fluids in Wetland K69 in Shirley TS, Huntingdon County.	Resolved
11/22/17	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of approximately 10 gallons of drilling fluids into an unnamed tributary to Frankstown Branch Juniata River in Frankstown TS, Blair County.	Resolved
12/22/17	E31-234, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into Raystown Lake in Penn TS, Huntingdon County associated with HDD PA-HU-0020.0008-WX-16.	Resolved
10/26/17	E22-619, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of 250-300 gallons of drilling fluids in Wetland C26 in Derry TS, Dauphin County associated w/ HDD PA-DA-0056.0000-RD.	Resolved
10/26/17	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of 500 gallons of drilling fluids in Wetland J35 in Lower Frankford TS Cumberland Co associated w/HDD PA-CU-0062-0000-WX.	Resolved
11/14/17	E22-619, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of approximately 300 gallons of drilling fluids impacting a wetland in Lower Swatara TS, Dauphin County.	Resolved
12/22/17	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for two water supply complaints from residents living along Konhaus Road in Silver Spring Township, Cumberland County. On December 20, 2017, the Cumberland County Conservation District ("CCCD") conducted an inspection of the pipeline construction activities occurring in the vicinity of two water supply complaints in the area east of N01th Locust Point Road in Silver Spring Township, Cumberland County ("Site"). During the inspection, the CCCD documented that pipeline installation activities were underway at the Site utilizing Horizontal Directional Drill ("HDD") construction methods approximately 1,000 feet east of North Locust Point Road. The Department did not authorize the use of any HDD methodology in this area. The approved method of pipeline installation in this area was open trench.	Resolved
10/31/17	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	On 10/12/17, the DEP conducted an inspection of Pipeline construction activities associated with Sunoco Pipeline L.P's Mariner East II Project in South Londonderry TS, Lebanon Co. During this inspection, the Dept. documented a discharge of sediment to an unnamed tributary to Killingier Creek, a water of the Commonwealth, caused by the failure to install and maintain appropriate erosion and sediment control best management practices ("E&S BMPs") for the earth disturbance activities associated w/the pipeline construction, authorized by dept Permit Nos. ESG0300015002 and E38-197.	Resolved
11/16/17	E06-701, ESG030015002	Mariner East 2 Construction Project	PA DEP	On 11/11/17, the DEP recvd notice of a release of sediment to an unnamed tributary to Hay Creek (S-Q90) in Caernarvon TS, Berks County. On 11/13/17 and 11/14/17, the Berks CCD conducted inspections of the Site and documented that an IR of drilling fluids had occurred w/in a UNT to Hay Creek, a water of the Commonwealth, as a result of HDD activities at this location. Hay creek is a Class A wild trout fishery and the Hay Creek basin is classified as an Exceptional Value Waters in 25 Pa. Code & 93.9(f). The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth w/out a permit is a violation. The Dept did not authorize any IRs at the Site by permit or other authorization. Further, the Dept did not authorize the crossing of the UNT to Hay Creek (S-Q90) using HDD methodology.	Resolved

Company:	Sunoco Pipeline, L.P.
DEP Client ID:	290687
Date:	9/22/2021

Compliance History Table

Received Date	Permit Number	Facility	Regulating Agency	Brief Summary of Claim	Status
11/21/17	E06-701, ESG030015002	Mariner East 2 Construction Project	PA DEP	On 11/17/17, the Berks CCD conducted an inspection of pipeline construction activities in the location of an unnamed tributary to Cacoosing Creek (S-C33) in Spring TS, Berks County. During the inspection, BCCD documented that pipeline installation activities were underway at the Site utilizing HDD construction methods. The Dept did not authorize the crossing of the UNT to Cacoosing Creek using HDD methodology. Permits ESG030015002 and E06-701 require permittees to follow their "HDD Inadvertent Return, Preparedness, Prevention, and Contingency Plan", that is part of the approved plans in the aforementioned permits to reduce, minimize, or eliminate a pollution event. The IR PPC Plan, E06-701, and ESG030015002 contain the following requirements: Notify the Dept at least 24 hrs prior to beginning of each HDD, including conventional boring under waters of the Commonwealth. No such notification was made. Obtain an amendment to E06-701 prior to deviating from the construction methodology or project design that is shown on the approved drawings. The crossing of the unnamed tributary to Cacoosing Creek (S-C33) was approved as a dry stream crossing/open cut. No permit amendment was obtained prior to altering the construction methodology to an HDD. Failing to obtain a Chapter 105 permit, failing to comply w/permit conditions, and failing to perform work according to permit specs constitutes unlawful conduct.	Resolved
12/22/17	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of approximately 50 gallons of drilling fluids in South Londonderry TS, Lebanon County that occurred during the installation of the 20-inch line at the PFO Wetland J47 HDD, PA-LE-0001.0000-SR.	Resolved
11/3/17	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	On 10/25/17, the DEP recvd notice of an IR of drilling solution at HDD Site S-3-0500 near 439 Gateswood Dr in East Goshen TS, Chester County. DEP conducted inspections of this area on 10/25/17. The drilling solution was discharged to an upland area and traveled to and discharged into a storm sewer inlet, by definition, a water of the Commonwealth.	Resolved
11/3/2017	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling solution near the staging area of HDD 620 located near 224 Martins Lane Media in Middletown TS, Delaware County.	Resolved
11/16/17	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR at Site S-3-0400 near 479 Lisa Drive in West Whiteland TS, Chester County from a 3rd party.	Resolved
11/27/17	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for failure to report a loss of 1,500 gallons of bentonite drilling solution during the drill ream on 11/11/17.	Resolved
12/21/2017	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling solution near the staging area of HDD 620 located near 224 Martins Lane in Media, Middletown TS, Delaware County that occurred on 10/27.	Resolved
1/13/2018	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling solution at HDD S-3-0320 along Herman 0 West Drive (Daycare) in IJwehlan TS, Chester County.	Resolved
1/25/18	E65-973, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids, as a result of the HDD PA-CA-0091.0016-RD at Mountain Road, Washington TS, Westmoreland Co, PA.	Resolved
1/25/18	E32-508, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids, as a result of the HDD PA-IN-0022.0001-RD-16 at Highway 119 and Snyder Lane, Burrell Township, Indiana Co, PA.	Resolved
1/25/18	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return IR of drilling fluids, as a result of the HDD PA-CA-0047.0000-SR at New Germany Road, Cambria TS, Cambria Co, PA	Resolved
1/25/18	E32-508, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids, as a result of the HDD PA-IN-0000.0001-WX-16 at Westinghouse Road, Blairsville, Indiana Co PA.	Resolved
2/28/2018	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of 100 gallons of drilling fluids into Stream S-J41 (an unnamed tributary to Locust Creek) and wetland J35 in	Resolved
3/16/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids in Snitz Creek located in West Cornwall TS, Lebanon County. The IR occurred w/in Snitz Creek, a	Resolved
3/16/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of approximately 200 gallons of drilling fluids w/in Wetland L54 in Frankstown TS, Blair County.	Resolved
3/19/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. HDD abandoned for Direct Pipe Method following submission of a Minor Mod. 4/22/2018	Resolved
3/26/2018	E31-234, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of less than one gallon of drilling fluids in Wetland K69 located in Shirley TS, Huntingdon County.	Resolved
4/6/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for inadvertant return. Restart approved. Setup changes on 4/20/2018 and ream resumed on 4/21/2018.	Resolved
4/10/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for Inadvertant Returns. Restart approval received on 5/25/2018.	Resolved
4/20/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for a 20 gallon IR of drilling fluids in Snitz Creek located in West Cornwall TS, Lebanon County.	Resolved
5/3/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for Inadvertant returns. IR(s) were contained and cleaned up on the dates that they occurred (4/18/18, 4/19/18(emerged with in containment), and 4/20/18. Restoration of this area was completed on 10/19/18.	Resolved
5/8/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for Indavertant Returns. Notice of IR 05/05/18. Notice of IR 05/09/18	Resolved

Company:	Sunoco Pipeline, L.P.
DEP Client ID:	290687
Date:	9/22/2021

Compliance History Table

Received Date	Permit Number	Facility	Regulating Agency	Brief Summary of Claim	Status
5/15/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into an unnamed tributary to Hineckston Run located in Jackson TS, Cambria County associated w/ HDD PA-CA-0016.0000-RD.	Resolved
6/1/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for a 2-quart IR of drilling fluids in Snitz Creek located in West Cornwall TS, Lebanon County associated w/HDD PA-LE-0055.0000-RD.	Resolved
6/11/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for a 1-cup IR of drilling fluids in Snitz Creek located in West Cornwall Township, Lebanon County associated with Horizontal Direction Drill PA-LE-0055.0000-RD.	Resolved
6/14/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for the discharge of approximately one-half gallon of drilling fluids into an unnamed tributary to Chester Creek, a water of the Commonwealth, from a breach of containment area S-12.	Resolved
6/15/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximately 200-300 gallons of drilling fluids w/in Wetland BB-58 in Blair TS, Blair County, Associated w/HDD PA-BL-0001.0048-RR.	Resolved
6/19/2018	E65-973, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream S-172 located in Sewickley TS, Westmoreland County associated w/HDD PA-WM1-0023.0000-RD.	Resolved
6/25/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into Hineckston Run and Wetland W-N24 in Jackson TS, Cambria County associated w/ HDD PA-CA-0023.0000-RD.	Resolved
6/28/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 5-gallon IR of drilling fluids in Snitz Creek located in West Cornwall TS, Lebanon County associated w/HDD PA-LE-0055.0000-RD, aka North Zinns Mill Road.	Resolved
6/28/2018	E06-701, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an unquantified, but reportedly small, volume IR of drilling fluids to the East Branch Conestoga River located in Caernarvon TS, Berks County associated w/HDD PA-BR-0181.0000-RD, aka Joanna Rd HDD.	Resolved
6/29/2018	E63-674, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream S130 located in Nottingham TS, Washington County associated with HDD PA-WAI-0127.0000-RD. SPLP reported that two IRs totaling 16 ounces impacted stream S130.	Resolved
7/9/2018	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 1-gallon IR of drilling fluids to wetland I32 located in Middlesex TS, Cumberland County associated with HDD PA-CU-0136.0002-WX, aka Letort Spring Run HDD.	Resolved
7/16/2018	E63-674, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for Inadvertant returns. 7/30/18 with completion of anomaly repair. No drilling was occurring when this instance occurred.	Resolved
7/18/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. IR was contained and cleaned up on 7/14/18.	Resolved
7/23/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. Stream impact ended on 07/22/2018. 7/25/2018 recovery of the turbid water from the spring house was completed.	Resolved
7/24/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. IR was contained and cleaned up on 7/20/18 Restoration of storm drain outlet containment area was completed on 10/6/18.	Resolved
7/25/2018	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 5-gallon IR that flowed into wetland I32 located in Middlesex TS, Cumberland County associated with HDD PA-CU-0136.0002-WX, aka. Letort Spring Run HOD.	Resolved
7/30/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. IR was contained and cleaned up on 7/30/18. Upland restoration completed on 10/19/18. Storm drain outlet restoration completed on 10/6/18. Parking lot restoration completed on 11/2/18.	Resolved
8/8/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an Indadvertant return. Repairs were made on 7/9/18	Resolved
8/12/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. Remediation of the 08/03/2018 IR site was completed on 08/03/2018. Remediation of the 08/04 IR site was completed in 08/06/2018.	Resolved
8/13/2018	E63-674, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream S130 in Nottingham TS, Washington County associated with HDD PA-WAI-0127.0000-RD. SPLP reported that approx 2 gallons of drilling fluids were released and impacted stream S130.	Resolved
8/16/2018	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 38-gallon IR of drilling fluids in Snitz Creek, a water of the Commonwealth (Trout Stocking, Migratory Fishes), located in West Cornwall TS, Lebanon County associated w/HDD PA-LE-0055.0000-RD.	Resolved
8/25/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. IR containment and recovery completed on 08/25/2018. Relief well drilled on 09/23 as indicated on the restart procedures issued by PADEP.	Resolved
8/28/2018	E23-524, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertant return. IR was contained and cleaned up on 8/22/18 and 8/26/18.	Resolved
9/14/2018	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 2-gallon IR of drilling fluids w/in Letort Spring Run in Middlesex TS, Cumberland County associated w/HDD PA-CU-0136.0002-WX, aka Letort Spring Run HDD.	Resolved

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Compliance History Table

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9/17/2018	E06-701, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR associated w/HDD PA-BR-0181.0000-RD, aka Joanna Rd HDD, in Caernarvon TS Berks County On 9/15/18, the Dept conducted an inspection of the Site and documented that the drill pit on the northwest side of Joanna Rd had overflowed and discharged drilling fluids into an unnamed tributary to the East Branch Conestoga River, a water of the Commonwealth (Warm Water Fishes, Migratory Fishes).	Resolved
9/17/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. IR recovery completed on 09/15 IR event. Relief well completed on 10/07/2018.	Resolved
9/18/2018	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into wetland WL-N18 in Munster TS, Cambria County associated w/HDD PA-CA-0069.0000-RD.	Resolved
9/18/2018	E06-701, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for a 30,000 gallon IR od drilling fluids that impacted Wetland BA10 in Caernarvon TS, Berks County associated w/HDD PA-BR-0181.0000-RD. Aka Joanna Rd HDD.	Resolved
9/18/2018	ESG0300015002	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. The discharge of Industrial Waste to waters of the Commonwealth w/out a permit is a violation.	Resolved
10/2/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. Restart Report submitted on 10/4/2018 with DEP approval on 10/6/2018.	Resolved
10/8/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. Restart Report submitted on 10/8/2018 with DEP approval on 10/9/2018.	Resolved
10/10/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an indadvertant return.Recediated 10/11/2018.	Resolved
10/16/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an unquantified discharge of turbid water to Piney Creek that had occurred earlier in the day at the Piney Creek HDD, PA-BL-0126.0000-RD in Woodbury TS, Blair County.	Resolved
10/17/2018	E07-459, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an inadvertent return. Restart approval received on 10/26/2018.	Resolved
4/17/2019	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	On 4/16/19, the DEP recvd notice from Sunoco Pipeline, LP of IR of drilling fluids into an upland area w/in and outside the LOD and an UNT to Stewarts Run in Cambria TS, Cambria County associated w/HDD PA-CA-0047.0000-SR-16. On 4/16/19, SPLP reported that approx 357 gallons of drilling fluids were released and impacted the upland area both w/in and outside the LOD and an UNT to Stewarts Run. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth w/out a permit is a violation.	Resolved
6/13/2019	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	On 5/23/2019, the DEP recvd notice from Sunoco Pipeline, LP of an incident involving a surface fracture observed outside the limit of disturbance of SPLP's Permits Nos. ESG0500015001 and E11-352 and in wetland O16 in Jackson TS, Cambria County at Station number 4923+55.	Resolved
7/26/2019	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	On 7/16/19, the DEP recvd notice from Sunoco Pipeline, LP of an incident involving a drill profile collapse into an UNT to Stewart Run in Cambria TS, Cambria County at station 5073+61.	Resolved
2/25/19	E11-352, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream S-CCI in Cambria Township, Cambria County associated with HDD PA-CA-0047.0000-SR-16.	Resolved
2/27/19	E65-973, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream N44 in Derry Township, Westmoreland County associated with Horizontal Direction Drill PA-IN-0000.0001-WX-16.	Resolved
4/29/19	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 20 gallon IR of drilling fluids that discharged into an unnamed tributary to Yellow Breeches Creek (S-143) and associated wetlands (W-127) in Lower Allen TS, Cumberland County associated w/HDD PA-CU-00189.0000-RD-16, aka. Arcona Rd/Lisburn Rd HDD.	Resolved
4/25/2019	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for an oil sheen in the drilling solution return pit at SPLP's HDD Site S-3-0350 (Glendale Rd/Concord Ave) in Uwchlan TS, Chester County.	Resolved
11/7/19	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	On 9/24/19, DEP received information that SPLP combined two separate HDD's 520 and 530 into one longer HDD. This information was presented at an earlier East Goshen Township meeting and then subsequently brought to DEP's attention by a citizen. On 10/3/19, SPLP's consultant sent revised drawings to the Chester CCD also indicating that the two HDDs had been combined into one long HDD. In addition, DEP learned that SPLP had increased the diameter of that combined HDD to accommodate a dual pipe pull. The expansion of construction activities beyond the HDD 520 profile up to, through and including the HDD 530 profile is a violation of the reevaluation approval DEP issued for HDD 520 on 12/5/18.	Resolved
11/7/2019	E15-862, ESG0100015001	Mariner East 2 Construction Project	PA DEP	On 11/2/19, the DEP received notice, that due to human error at the HDD 580 staging area located at the intersection of Birchwood Ln and Valley Rd, the drilling pit overflowed and a discharge of drilling fluids to the unnamed tributary of Chester Creek occurred, resulting in turbidity and deposits of drilling fluids in the receiving waters.	Resolved

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DEP Client ID:	290687
Date:	9/22/2021

Compliance History Table

Received Date	Permit Number	Facility	Regulating Agency	Brief Summary of Claim	Status
2/24/2020	E21-449 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx. 1 gallon IR of drilling fluids w/in an unnamed Tributary to Letort Spring Run in Middlesex TS, Cumberland County associated w/HDD PA-CU-0136.0003-RD-16, aka. I-81.	Resolved
2/28/2020	E21-449 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 1-gallon IR of drilling fluids w/in an unnamed Tributary to Locust Creek (J-41) in Lower Frankford TS, Cumberland County associated w/HDD 2/2020, aka. Graham Creek HOD.	Resolved
3/3/2020	E21-449 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 30-gallon IR w/in a wetland (WL-130) in Middlesex TS, Cumberland County associated w/HDD PA-CU-0136.0003-RD-16, aka I-81 HDD.	Resolved
3/16/2020	E21-449 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 15-gallon IR of drilling fluids that surfaced in uplands but flowed into a wetland (WL-131) in Middlesex TS, Cumberland County associated w/HDD PA-CU-0136.0002-WX-16, aka Letort Springs Run.	Resolved
3/18/2020	E34-136 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 5-gallon IR w/in a wetland (WL-59) in Lack TS, Juniata County associated with HDD PA-JU-0004-0000-WX-16, aka. Old Mill Road HDD.	Resolved
3/23/2020	E34-136 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 75-gallon IR of drilling fluids w/in the LOD in an upland area that migrated outside of the LOD and into Tuscarora Creek (S-K74) in Lack Township, Juniata County associated with HDD PA-JU-0004-0000-WX-16, aka. Old Mill Road HDD.	Resolved
3/30/2020	E50-258,ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an IR of less than one gallon of drilling fluids within Wetland LI in Toboynne Township, Perry County, associated with Horizontal Directional Drill No. PA-PE-0002.0000-RD.	Resolved
5/11/2020	E21-449 ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 200-gallon IR of drilling fluids w/in a wetland (WL-130) in Middlesex TS, Cumberland County associated with HDD PA-CU-0136.0003-RD-16, aka. I-81 HDD ("Site").	Resolved
5/13/2020	E07-459,ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 50-gallon IR of drilling fluids w/in a wetland (WL-BB60) in Blair TS, Blair County associated w/ PA-BL-0001.0048-RR-16, aka. Reservoir Road.	Resolved
5/24/20	E63-674, ESG0500015001	Mariner East 2 Construction Project	PA DEP	NOV for an IR of drilling fluids into stream S130 located in Nottingham TS, Washington County associated with HDD PA-WA1-0127.0000-RD.	Resolved
6/11/2020	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 5-gallon IR that surfaced in Letort Spring Run (S-I48) in Middlesex TS, Cumberland County associated with HDD PA-CU-0136.0002-WX-16, aka. Letort Springs Run HDD The drilling fluids that comprised the IR constitute Industrial Waste.	Resolved
7/22/2020	E21-449, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx. 5-gallon IR w/in wetland WL-J35 in Lower Frankford TS, Cumberland County associated with HDD PA-CU-0062-0000-WX-16, aka. Graham Creek HDD.	Resolved
8/4/2020	ESG030015002	Mariner East 2 Construction Project	PA DEP	A CACP was entered into for violations related to construction associated with inadvertent returns between 08/2018 to 04/2019.	Resolved
8/13/2020	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 20-gallon IR in Snitz Creek located in West Cornwall TS, Lebanon County associated with HDD PA-LE-0055.0000-RD-16, aka. North Zinns Mill Road HDD.	Resolved
8/20/2020	E23-524, ESB0100015001	Mariner East 2 Construction Project	PA DEP	HDD 290: PADEP issued an NOV for the Inadvertant Return of drilling fluids into the Marsh Creek Reservoir. Response to NOV submitted on 8/27/20.	Resolved
8/20/2020	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	NOV for a discharge of turbid groundwater to a roadside swale at the Shoen Road side of Sunoco Pipeline, L.P.'s HDD Site S-3-0360 Devon Drive/Shoen Road in West Whiteland TS, Chester County.	Resolved
8/28/2020	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx 1-gallon IR in Snitz Creek located in West Cornwall TS, Lebanon County associated with HDD PA-LE-0055.0000-RD-16 (West), aka. North Zinns Mill Road HDD.	Resolved
9/11/2020	E23-524, ESB0100015001	Mariner East 2 Construction Project	PA DEP	HDD 290: PADEP issued an Administrative Order for the Inadvertant Return of drilling fluids into the Marsh Creek Reservoir.	Resolved
9/18/2020	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approximate 1-gallon IR in Snitz Creek located in West Cornwall TS, Lebanon County associated with HDD PA-LE-0055.0000-RD-16, aka. North Zinns Mill Road HDD.	Resolved
9/25/2020	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx. 1/4-gallon IR in Snitz Creek located in West Cornwall TS, Lebanon County associated w/HDD PA-LE-0055.0000-RD-16, aka. North Zinns Mill Road HDD.	Resolved
10/21/2020	E38-194, ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an approx. 200-gallon IR in Snitz Creek located in West Cornwall TS, Lebanon County associated with HDD PA-LE-0055.0000-RD-16, aka. North Zinns Mill Road HDD.	Resolved

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Compliance History Table					
Received Date	Permit Number	Facility	Regulating Agency	Brief Summary of Claim	Status
11/18/2020	ESG030015002	Mariner East 2 Construction Project	PA DEP	NOV for an undetermined amount of sediment to enter an unnamed tributary to Kirby Run. The incident occurred in East Wheatfield Township, Indiana County near Thomas Road. Settlement entered and paid on 11/18/20	Resolved
12/22/2020	ESG030015002	Mariner East 2 Construction Project	PA DEP	COA alleges the SPLP failed to notify the DEP of 32 instances of loss of circulation during the N. Zinns Mill (aka Snitz Creek) HDD from 5/21/20 to 8/13/20, 12 IR's to WOTC, and installation of a 200 ft cofferdam and flume pipe without first obtaining permits.	Resolved
12/20/2020	ESG030015002	Mariner East 2 Construction Project	PA DEP	COA alleges the SPLP failed to notify the DEP of 32 instances of loss of circulation during the N. Zinns Mill (aka Snitz Creek) HDD from 5/21/20 to 8/13/20, 12 IR's to WOTC, and installation of a 200 ft cofferdam and flume pipe without first obtaining permits.	Resolved
4/6/2021	E23-524, ESB0100015001	Mariner East 2 Construction Project	PA DEP	HDD 541: NOV for installation of PCSM BMPs consistent with Thorbury Twp requirements but were not part of the PADEP approved plans. Response to NOV submitted 4/20/21.	Resolved
4/23/2021	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	WB-71: 4/23/21 PADEP issued an NOV as a result of an inspection in response to a complaint for dewatering of bore pit at Wetland WB-71 resulting in alleged discharge of sediment into WB071, UNT to Valley Creek & Valley Creek. Response to NOV submitted 4/30/21.	Resolved
6/4/2021	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	WB-71: 6/3/21 Violation of Temp Discharge Permit for unpermitted discharge of turbid water from the temporary treatment system to Wetland WB-71, Ship Road Run, & Valley Creek. Response to NOV submitted 6/8/21	Resolved
6/16/2021	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	WB-71: 6/3/21 Violation of CSL for unpermitted discharge of turbid water from the temporary treatment system to Wetland WB-71, Ship Road Run, & Valley Creek inappropriate use of wetland as a treatment facility and a depository for sediment and clay fill. Response to NOV submitted 6/30/21	Resolved
8/5/2021	ESG0300015002, ESG0100015001	Mariner East 2 Construction Project	PA DEP	Consent Assessment of Civil Penalty (CACP) for 13 Inadvertant returns that occurred between 4/29/19-8/31/20 within or discharged into waters of the Commonwealth. All were contained and remediated. The authorization to execute the CACP has been signed.	Resolved
8/17/2021	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	WB-71: 8/17/21 NOV issued for earth features that occurred on July 12, 14, 31 and August 5, 2021 and the temporary restoration efforts that took place to respond to the features	Response due 9/24/21
9/2/2021	E15-562, ESG0100015001	Mariner East 2 Construction Project	PA DEP	WB-71: 9/2/21 NOV issued for an earth feature that occurred on August 27, 2021 and the temporary restoration efforts that took place to respond to the feature.	Response due 9/24/21

Module 3
Special Protection Waters

**Surface Water Table
(No streams in Allegheny County
and Westmoreland County 1)**

**Surface Water Table
SWRO PPP**

County	Township	Stream Name	Block Valve or Station Site Name	Chapter 93 Designated Use (Existing Use, if applicable)	Chapter 93 Code	Siltation Impaired
Washington	Chartiers	Chartiers Run	Houston Injection Station	WARM WATER FISHES	WWF	Yes
Washington	Chartiers	Westland Run	Houston Injection Station	WARM WATER FISHES	WWF	Yes
Westmoreland	Salem	UNT to Beaver Run	Delmont Station	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Salem	Beaver Run	Delmont Station	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Loyalhanna	Serviceberry Run	Koontz Road BV	HIGH QUALITY-WARM WATER FISHES	HQ-WWF	No
Westmoreland	Loyalhanna	UNT to Loyalhanna Creek	Bush Road BV	WARM WATER FISHES	WWF	No
Westmoreland	Loyalhanna	Loyalhanna Creek	Bush Road BV	WARM WATER FISHES	WWF	No
Westmoreland	Loyalhanna	UNT to Boatyard Run		COLD WATER FISHES	CWF	No
Westmoreland	Derry	UNT to Spruce Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Derry	UNT to Conemaugh River	Westonghouse Road BV	COLD WATER FISHES	CWF	No
Westmoreland	Derry	Conemaugh River		WARM WATER FISHES	WWF	No
Indiana	Burrell	Conemaugh River	Newport Road BV	WARM WATER FISHES	WWF	No
Indiana	Burrell	UNT to Blacklick Creek		COLD WATER FISHES	CWF	Yes
Indiana	Burrell	UNT to Toms Run		COLD WATER FISHES	CWF	No
Indiana	Burrell	Toms Run		COLD WATER FISHES	CWF	No
Indiana	West Wheatfield	UNT to Roaring Run	Chestnut Ridge Road BV	COLD WATER FISHES	CWF	No
Indiana	West Wheatfield	East Branch Richards Run		COLD WATER FISHES	CWF	No
Indiana	East Wheatfield	UNT to Conemaugh River		COLD WATER FISHES	CWF	No
Indiana	East Wheatfield	UNT to Findley Run	Grange Hall Road BV	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Indiana	East Wheatfield	Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	UNT to Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	UNT to Laurel Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Laurel Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Hinckston Run		COLD WATER FISHES	CWF	No
Cambria	Jackson	UNT to Hinckston Run	Vinco/William Penn BV	COLD WATER FISHES	CWF	No
Cambria	Jackson	UNT to Saltlick Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Saltlick Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	Stewart Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	UNT to Stewart Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	Howells Run		COLD WATER FISHES	CWF	No
Cambria	Cambria	UNT to Howells Run	Ebensburg Station	COLD WATER FISHES	CWF	No
Cambria	Cambria	Sanders Run		COLD WATER FISHES	CWF	No
Cambria	Munster	UNT to North Branch Little Conemaugh		COLD WATER FISHES	CWF	No
Cambria	Munster	UNT to Noels Creek		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Munster	Noels Creek		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cresson	UNT to Little Conemaugh River	Cooney Road BV, Kozak BV	COLD WATER FISHES	CWF	No
Cambria	Cresson	Burgoon Run		COLD WATER FISHES	CWF	No
Cambria	Cresson	UNT to Bear Rock Run		COLD WATER FISHES	CWF	No
Cambria	Washington	UNT to Blair Run		COLD WATER FISHES	CWF	No

Module 3 Worksheets
Right-of-Way, Pump Stations, and Block Valves within
Special Protection Watersheds

Right-of-Way



**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES
 ANTIDEGRADATION ANALYSIS MODULE 3**

Applicant: Sunoco Pipeline L P-ROW
 Surface Water Name: See Attachment

Project Site Name: Pennsylvania Pipeline Project
 Surface Water Use: See Attachment

ANTIDEGRADATION – EROSION AND SEDIMENT CONTROL (E&S) PLAN

A **Non-Discharge Alternative will be utilized** for the project that will either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the E&S BMP(s) that will be utilized to achieve the non-discharge alternative:

- | | |
|--|---|
| <input type="checkbox"/> Alternative Siting: Location | <input checked="" type="checkbox"/> Limiting Extent & Duration of Disturbance |
| <input type="checkbox"/> Alternative Siting: Configuration | <input type="checkbox"/> Riparian Buffer (150 ft min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150 ft min.) |
| <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> Limited Disturbed Area |

Explain how the E&S BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Non-discharge alternatives were evaluated to minimize accelerated E&S and achieve zero net change in runoff between the pre and post-construction conditions. Non-discharge alternatives exist when the existing land use is revegetated and grade is restored therefore no increase in runoff rate or volume from pre to post construction results. Other non-discharge alternatives implemented are limiting and minimizing the extent of disturbed areas and limiting the extent and duration of disturbance (phasing and sequencing) then stabilizing disturbed areas as soon as practicable.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) BMP(s) will be utilized for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the ABACT E&S BMP(s) that will be utilized:

- | | |
|---|--|
| <input type="checkbox"/> Rock Construction Entrance with Wash Rack | <input type="checkbox"/> Rock Construction Entrance with Street Sweeping |
| <input type="checkbox"/> Wheel Wash | <input type="checkbox"/> Pumped Water Filter Bag with Compost Sock Ring |
| <input type="checkbox"/> Pumped Water Filter Bag with Sump Pit | <input checked="" type="checkbox"/> Compost Filter Sock |
| <input type="checkbox"/> Compost Filter Berm (HQ Only) | <input type="checkbox"/> Weighted Sediment Filter Tube (HQ Only) |
| <input type="checkbox"/> Silt Fence with Vegetative Filter Strip | <input type="checkbox"/> Super Silt Fence with Vegetative Filter Strip |
| <input type="checkbox"/> Wood Chip Filter Berm (HQ Only) | <input type="checkbox"/> Vegetative Filter Strip (HQ Only) |
| <input type="checkbox"/> Sediment Basin with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Basin with Skimmer |
| <input type="checkbox"/> Stone Inlet Protection with Compost Layer (HQ Only) | <input type="checkbox"/> Compost Filter Sock Sediment Trap |
| <input type="checkbox"/> Embankment Sediment Trap with Compost Layer (HQ Only) | <input type="checkbox"/> Embankment Sediment Trap with Compost Sock |
| <input type="checkbox"/> Sediment Trap with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Trap with Skimmer |
| <input checked="" type="checkbox"/> Erosion Control Blankets within 50 ft of Surface Waters | <input checked="" type="checkbox"/> Immediate Stabilization |
| <input type="checkbox"/> Flocculant with PAMs | <input type="checkbox"/> Vegetative Conveyance |

Riparian Buffer (< 150 ft)

Riparian Forest Buffer (< 150 ft)

Approved Alternative: _____

Explain how the E&S BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during the earth disturbance activities.

ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters by reducing/controlling turbidity associated with erosion/sedimentation from earth disturbance.

ANTIDEGRADATION – POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN

A Non-Discharge Alternative will be utilized for the project that either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the PCSM BMPs that will be used to achieve the non-discharge alternative:

Alternative Siting: Location

Low Impact Development

Alternative Siting: Configuration

Riparian Buffer (150-ft. min.)

Alternative Siting: Location of Discharge

Riparian Forest Buffer (150-ft. min.)

Infiltration

Water Reuse

Other: _____

Explain how the PCSM BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Non-discharge alternatives were evaluated to minimize accelerated erosion and sedimentation and achieve zero net change in runoff between the pre- and post-construction conditions. The non-discharge alternatives evaluated were the use of infiltration and maintaining pre-construction drainage patterns within the right of way, temporary additional workspaces, and temporary access roads. The non-discharge alternatives were incorporated wherever feasible by minimizing soil compaction, restoring the infiltration capacity of the soil prior to permanent seeding, and restoring the disturbed area back to its original grade and cover condition for the mainline pipeline.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) has been selected for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the ABACT PSCM BMPs that will be utilized:

Rain Garden (with Infiltration)

Disconnection of Impervious / Roof Area

Rain Garden (without Infiltration)

Pervious Pavement with Infiltration Bed

Constructed Filter

Infiltration Basin

Vegetated Swale

Infiltration Bed

Vegetated Filter Strip

Infiltration Trench

Constructed Wetland

Soil Amendment

Wet Pond

Dry Well / Seepage Pit

Dry Extended Detention Basin

Infiltration Berm / Retentive Grading

Water Quality Device

Protect Sensitive / Special Value Features

Spray / Drip Irrigation

Street Sweeping

- Rain Barrel Green Roof
 Protect / Utilize Natural Flow Pathways (on-site)

Approved Alternative: _____

Explain how the PCSM BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

All disturbed areas will have contours restored to approximate original condition and all cover types will be restored to their original cover or meadow in good condition.

CERTIFICATION

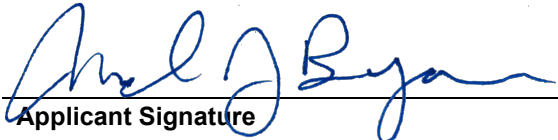
I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)

Sr. Director – E&C Environmental

Official Title



Applicant Signature

10/26/21

Date Signed

Houston Injection Station



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES ANTIDEGRADATION ANALYSIS MODULE 3

Applicant: **Sunoco Pipeline L P-Houston Injection**

Project Site Name: **Pennsylvania Pipeline Project**

Surface Water Name: **Chartiers Run, Westland Run**

Surface Water Use: **WWF, WWF**

ANTIDEGRADATION – EROSION AND SEDIMENT CONTROL (E&S) PLAN

A **Non-Discharge Alternative will be utilized** for the project that will either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the E&S BMP(s) that will be utilized to achieve the non-discharge alternative:

- | | |
|--|--|
| <input type="checkbox"/> Alternative Siting: Location | <input type="checkbox"/> Limiting Extent & Duration of Disturbance |
| <input type="checkbox"/> Alternative Siting: Configuration | <input type="checkbox"/> Riparian Buffer (150 ft min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150 ft min.) |
| <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> Limited Disturbed Area |

Explain how the E&S BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Non-discharge alternatives were evaluated to minimize accelerated E&S and achieve zero net charge in runoff between the pre and post-construction conditions. The extent of the disturbed area will be minimized, and the duration of disturbance will be minimized by stabilizing disturbed areas as soon as practicable. ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) BMP(s) will be utilized for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the ABACT E&S BMP(s) that will be utilized:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Rock Construction Entrance with Wash Rack | <input type="checkbox"/> Rock Construction Entrance with Street Sweeping |
| <input type="checkbox"/> Wheel Wash | <input type="checkbox"/> Pumped Water Filter Bag with Compost Sock Ring |
| <input type="checkbox"/> Pumped Water Filter Bag with Sump Pit | <input checked="" type="checkbox"/> Compost Filter Sock |
| <input type="checkbox"/> Compost Filter Berm (HQ Only) | <input type="checkbox"/> Weighted Sediment Filter Tube (HQ Only) |
| <input type="checkbox"/> Silt Fence with Vegetative Filter Strip | <input type="checkbox"/> Super Silt Fence with Vegetative Filter Strip |
| <input type="checkbox"/> Wood Chip Filter Berm (HQ Only) | <input type="checkbox"/> Vegetative Filter Strip (HQ Only) |
| <input type="checkbox"/> Sediment Basin with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Basin with Skimmer |
| <input type="checkbox"/> Stone Inlet Protection with Compost Layer (HQ Only) | <input type="checkbox"/> Compost Filter Sock Sediment Trap |
| <input type="checkbox"/> Embankment Sediment Trap with Compost Layer (HQ Only) | <input type="checkbox"/> Embankment Sediment Trap with Compost Sock |
| <input type="checkbox"/> Sediment Trap with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Trap with Skimmer |
| <input type="checkbox"/> Erosion Control Blankets within 50 ft of Surface Waters | <input checked="" type="checkbox"/> Immediate Stabilization |
| <input type="checkbox"/> Flocculant with PAMs | <input type="checkbox"/> Vegetative Conveyance |

Riparian Buffer (< 150 ft)

Riparian Forest Buffer (< 150 ft)

Approved Alternative: _____

Explain how the E&S BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during the earth disturbance activities.

ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters by reducing/controlling turbidity associated with erosion/sedimentation from earth disturbance.

ANTIDEGRADATION – POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN

A Non-Discharge Alternative will be utilized for the project that either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the PCSM BMPs that will be used to achieve the non-discharge alternative:

Alternative Siting: Location

Low Impact Development

Alternative Siting: Configuration

Riparian Buffer (150-ft. min.)

Alternative Siting: Location of Discharge

Riparian Forest Buffer (150-ft. min.)

Infiltration

Water Reuse

Other: _____

Explain how the PCSM BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Non-discharge alternatives were evaluated to minimize accelerated erosion and sedimentation and achieve zero net change in runoff between the pre- and post-construction conditions. The extent of the disturbed area will be minimized, and the duration of disturbance will be minimized by stabilizing disturbed areas within 24 hours. ABACT BMPs will be used on site to protect and maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) has been selected for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the ABACT PCSM BMPs that will be utilized:

Rain Garden (with Infiltration)

Disconnection of Impervious / Roof Area

Rain Garden (without Infiltration)

Pervious Pavement with Infiltration Bed

Constructed Filter

Infiltration Basin

Vegetated Swale

Infiltration Bed

Vegetated Filter Strip

Infiltration Trench

Constructed Wetland

Soil Amendment

Wet Pond

Dry Well / Seepage Pit

Dry Extended Detention Basin

Infiltration Berm / Retentive Grading

Water Quality Device

Protect Sensitive / Special Value Features

Spray / Drip Irrigation

Street Sweeping

Rain Barrel

Green Roof

Protect / Utilize Natural Flow Pathways (on-site)

Approved Alternative: _____

Explain how the PCSM BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

The BMP was designed to contain and infiltrate the 2-year storm event volume and allow larger storm events to flood the development. A portion of the northeastern end of the developed area is not directed to any BMP. The reasoning for this was that it would be more beneficial to allow the wetlands directly to the east of the pad to receive and control water quality and peak flow rates of the runoff than to cut off the hydrology of the wetlands with a BMP. The goal was to replicate the 2-year storm hydrology of the wetlands, given that wetlands will likely be flooded during the larger storm events. The southwestern end of the developed area is directed to the Geoweb via a diversion berm. The diversion berm was designed based upon sound engineering judgment and is expected to handle the 2-year storm event. The Geoweb infiltration/storage area is located on the southern end of the pad. The Geoweb consists of cells that are filled with and underlain by gravel. The gravel acts to store and infiltrate runoff, while the Geoweb structure provides support for vehicles and prevents compaction of the gravel. The BMP design details are shown in Appendix G.

The Geoweb installation covers a 7,000 square foot surface area. The total depth of gravel in the Geoweb installation is 1 foot. Using an estimate of 40% void space for the gravel, the volume of the Geoweb BMP is calculated as:

$$Vs = 7,000 \text{ ft}^2 * 1 \text{ ft} * 40\% = 2,800 \text{ ft}^3 = 0.0643 \text{ ac-ft.}$$

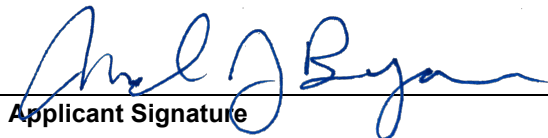
The Geoweb BMP is slightly sloped; however, it is anticipated that the entire storage volume will be used when flooding occurs.

CERTIFICATION

I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)



Applicant Signature

Sr. Director – E&C Environmental

Official Title

10/26/21

Date Signed

Delmont Station



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES ANTIDEGRADATION ANALYSIS MODULE 3

Applicant: Sunoco Pipeline L P-Delmont Station

Project Site Name: Pennsylvania Pipeline Project

Surface Water Name: UNT to Beaver Run, Beaver Run

Surface Water Use: HQ-CWF, Siltation Impaired

ANTIDEGRADATION – EROSION AND SEDIMENT CONTROL (E&S) PLAN

A **Non-Discharge Alternative will be utilized** for the project that will either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the E&S BMP(s) that will be utilized to achieve the non-discharge alternative:

- | | |
|--|--|
| <input type="checkbox"/> Alternative Siting: Location | <input type="checkbox"/> Limiting Extent & Duration of Disturbance |
| <input type="checkbox"/> Alternative Siting: Configuration | <input checked="" type="checkbox"/> Riparian Buffer (150 ft min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150 ft min.) |
| <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> Limited Disturbed Area |

Explain how the E&S BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Earth disturbance activities associated with the Delmont Pump Station will be located within a HQ-CWF siltation impaired watershed. A combination of non-discharge alternatives and the use of ABACT BMPs on-site will protect and maintain the existing water quality of the receiving waters.

Non-discharge alternatives were evaluated to minimize accelerated E&S and achieve zero net charge in runoff between the pre and post-construction conditions. The extent of the disturbed area will be minimized, and the duration of disturbance will be minimized by stabilizing disturbed areas as soon as practicable. ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) BMP(s) will be utilized for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the ABACT E&S BMP(s) that will be utilized:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Rock Construction Entrance with Wash Rack | <input type="checkbox"/> Rock Construction Entrance with Street Sweeping |
| <input type="checkbox"/> Wheel Wash | <input type="checkbox"/> Pumped Water Filter Bag with Compost Sock Ring |
| <input type="checkbox"/> Pumped Water Filter Bag with Sump Pit | <input checked="" type="checkbox"/> Compost Filter Sock |
| <input type="checkbox"/> Compost Filter Berm (HQ Only) | <input type="checkbox"/> Weighted Sediment Filter Tube (HQ Only) |
| <input type="checkbox"/> Silt Fence with Vegetative Filter Strip | <input type="checkbox"/> Super Silt Fence with Vegetative Filter Strip |
| <input type="checkbox"/> Wood Chip Filter Berm (HQ Only) | <input type="checkbox"/> Vegetative Filter Strip (HQ Only) |
| <input type="checkbox"/> Sediment Basin with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Basin with Skimmer |
| <input type="checkbox"/> Stone Inlet Protection with Compost Layer (HQ Only) | <input type="checkbox"/> Compost Filter Sock Sediment Trap |
| <input type="checkbox"/> Embankment Sediment Trap with Compost Layer (HQ Only) | <input type="checkbox"/> Embankment Sediment Trap with Compost Sock |
| <input type="checkbox"/> Sediment Trap with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Trap with Skimmer |

- | | |
|---|---|
| <input checked="" type="checkbox"/> Erosion Control Blankets within 50 ft of Surface Waters | <input checked="" type="checkbox"/> Immediate Stabilization |
| <input type="checkbox"/> Flocculant with PAMs | <input checked="" type="checkbox"/> Vegetative Conveyance |
| <input checked="" type="checkbox"/> Riparian Buffer (< 150 ft) | <input type="checkbox"/> Riparian Forest Buffer (< 150 ft) |

Approved Alternative: _____

Explain how the E&S BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during the earth disturbance activities.

ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters by reducing/controlling turbidity associated with erosion/sedimentation from earth disturbance.

ANTIDEGRADATION – POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN

A **Non-Discharge Alternative will be utilized** for the project that either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the PCSM BMPs that will be used to achieve the non-discharge alternative:

- | | |
|--|--|
| <input type="checkbox"/> Alternative Siting: Location | <input type="checkbox"/> Low Impact Development |
| <input type="checkbox"/> Alternative Siting: Configuration | <input checked="" type="checkbox"/> Riparian Buffer (150-ft. min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150-ft. min.) |
| <input checked="" type="checkbox"/> Infiltration | <input type="checkbox"/> Water Reuse |
| <input type="checkbox"/> Other: _____ | |

Explain how the PCSM BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

PCSM BMPs associated with the Pennsylvania Pipeline Project will be located within a siltation-impaired watershed. A combination of non-discharge alternatives and the use of Antidegradation Best Available Combination of Technologies (ABACT) BMPs on site will protect the water quality of the receiving waters.

Non-discharge alternatives were evaluated to minimize accelerated erosion and sedimentation and achieve zero net change in runoff between the pre- and post-construction conditions. The extent of the disturbed area will be minimized, and the duration of disturbance will be minimized by stabilizing disturbed areas as soon as practicable. ABACT BMPs will be used on site to protect and maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) has been selected for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the ABACT PCSM BMPs that will be utilized:

- | | |
|---|--|
| <input type="checkbox"/> Rain Garden (with Infiltration) | <input type="checkbox"/> Disconnection of Impervious / Roof Area |
| <input type="checkbox"/> Rain Garden (without Infiltration) | <input type="checkbox"/> Pervious Pavement with Infiltration Bed |
| <input type="checkbox"/> Constructed Filter | <input checked="" type="checkbox"/> Infiltration Basin |
| <input checked="" type="checkbox"/> Vegetated Swale | <input type="checkbox"/> Infiltration Bed |
| <input type="checkbox"/> Vegetated Filter Strip | <input checked="" type="checkbox"/> Infiltration Trench |
| <input type="checkbox"/> Constructed Wetland | <input type="checkbox"/> Soil Amendment |
| <input type="checkbox"/> Wet Pond | <input type="checkbox"/> Dry Well / Seepage Pit |

- | | |
|--|--|
| <input type="checkbox"/> Dry Extended Detention Basin | <input type="checkbox"/> Infiltration Berm / Retentive Grading |
| <input type="checkbox"/> Water Quality Device | <input checked="" type="checkbox"/> Protect Sensitive / Special Value Features |
| <input type="checkbox"/> Spray / Drip Irrigation | <input type="checkbox"/> Street Sweeping |
| <input type="checkbox"/> Rain Barrel | <input type="checkbox"/> Green Roof |
| <input type="checkbox"/> Protect / Utilize Natural Flow Pathways (on-site) | |

Approved Alternative: _____

Explain how the PCSM BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

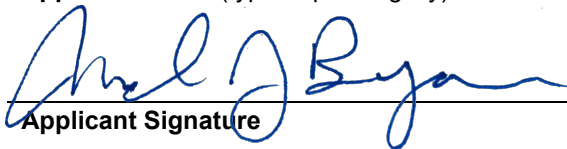
All disturbed areas will have contours restored to approximate original condition and all cover types will be restored to their original cover or meadow in good condition.

CERTIFICATION

I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)



Applicant Signature

Sr. Director – E&C Environmental

Official Title

10/26/21

Date Signed

Koontz Block Valve



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES ANTIDEGRADATION ANALYSIS MODULE 3

Applicant: Sunoco Pipeline L P-Koontz Road

Project Site Name: Pennsylvania Pipeline Project

Surface Water Name: Serviceberry Run

Surface Water Use: High Quality – Warm Water Fishes

ANTIDEGRADATION – EROSION AND SEDIMENT CONTROL (E&S) PLAN

A **Non-Discharge Alternative will be utilized** for the project that will either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the E&S BMP(s) that will be utilized to achieve the non-discharge alternative:

- | | |
|--|---|
| <input type="checkbox"/> Alternative Siting: Location | <input checked="" type="checkbox"/> Limiting Extent & Duration of Disturbance |
| <input type="checkbox"/> Alternative Siting: Configuration | <input type="checkbox"/> Riparian Buffer (150 ft min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150 ft min.) |
| <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> Limited Disturbed Area |

Explain how the E&S BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

The best possible pipeline route was selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors. The project's disturbed area will be limited to the area required for construction, and the duration of construction will be minimized to the extent practicable. The site will use wash racks, compost filter socks, erosion control blankets, and implement a PPC plan to maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) BMP(s) will be utilized for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the ABACT E&S BMP(s) that will be utilized:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Rock Construction Entrance with Wash Rack | <input type="checkbox"/> Rock Construction Entrance with Street Sweeping |
| <input type="checkbox"/> Wheel Wash | <input type="checkbox"/> Pumped Water Filter Bag with Compost Sock Ring |
| <input type="checkbox"/> Pumped Water Filter Bag with Sump Pit | <input checked="" type="checkbox"/> Compost Filter Sock |
| <input type="checkbox"/> Compost Filter Berm (HQ Only) | <input type="checkbox"/> Weighted Sediment Filter Tube (HQ Only) |
| <input type="checkbox"/> Silt Fence with Vegetative Filter Strip | <input type="checkbox"/> Super Silt Fence with Vegetative Filter Strip |
| <input type="checkbox"/> Wood Chip Filter Berm (HQ Only) | <input type="checkbox"/> Vegetative Filter Strip (HQ Only) |
| <input type="checkbox"/> Sediment Basin with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Basin with Skimmer |
| <input type="checkbox"/> Stone Inlet Protection with Compost Layer (HQ Only) | <input type="checkbox"/> Compost Filter Sock Sediment Trap |
| <input type="checkbox"/> Embankment Sediment Trap with Compost Layer (HQ Only) | <input type="checkbox"/> Embankment Sediment Trap with Compost Sock |
| <input type="checkbox"/> Sediment Trap with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Trap with Skimmer |
| <input checked="" type="checkbox"/> Erosion Control Blankets within 50 ft of Surface Waters | <input checked="" type="checkbox"/> Immediate Stabilization |
| <input type="checkbox"/> Flocculant with PAMs | <input type="checkbox"/> Vegetative Conveyance |

Riparian Buffer (< 150 ft)

Riparian Forest Buffer (< 150 ft)

Approved Alternative: _____

Explain how the E&S BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during the earth disturbance activities.

ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters by reducing/controlling turbidity associated with erosion/sedimentation from earth disturbance.

ANTIDEGRADATION – POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN

A **Non-Discharge Alternative will be utilized** for the project that either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the PCSM BMPs that will be used to achieve the non-discharge alternative:

Alternative Siting: Location

Low Impact Development

Alternative Siting: Configuration

Riparian Buffer (150-ft. min.)

Alternative Siting: Location of Discharge

Riparian Forest Buffer (150-ft. min.)

Infiltration

Water Reuse

Other: **Re-construction drainage pattern intact within the right of way**

Explain how the PCSM BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

The best possible pipeline route was selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors. The pipeline right of way will be restored to a meadow condition at original contours to maintain the pre-construction drainage patterns. The site will use an infiltration berm to manage stormwater and prevent an increase in runoff volume or rate. The runoff is managed so that it will not degrade the physical, chemical, or biological characteristics of the receiving stream. The site will implement a PPC plan to maintain the existing water quality of receiving waters.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) has been selected for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the ABACT PCSM BMPs that will be utilized:

Rain Garden (with Infiltration)

Disconnection of Impervious / Roof Area

Rain Garden (without Infiltration)

Pervious Pavement with Infiltration Bed

Constructed Filter

Infiltration Basin

Vegetated Swale

Infiltration Bed

Vegetated Filter Strip

Infiltration Trench

Constructed Wetland

Soil Amendment

Wet Pond

Dry Well / Seepage Pit

Dry Extended Detention Basin

Infiltration Berm / Retentive Grading

Water Quality Device

Protect Sensitive / Special Value Features

- | | |
|--|--|
| <input type="checkbox"/> Spray / Drip Irrigation | <input type="checkbox"/> Street Sweeping |
| <input type="checkbox"/> Rain Barrel | <input type="checkbox"/> Green Roof |
| <input type="checkbox"/> Protect / Utilize Natural Flow Pathways (on-site) | |

Approved Alternative: _____

Explain how the PCSM BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

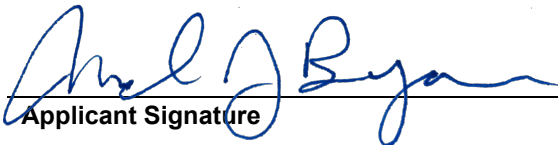
All disturbed areas will have contours restored to approximate original condition and all cover types will be restored to their original cover or meadow in good condition.

CERTIFICATION

I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)



Applicant Signature

Sr. Director – E&C Environmental

Official Title

10/26/21

Date Signed

Grange Hall Block Valve



**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES
 ANTIDEGRADATION ANALYSIS MODULE 3**

Applicant: Sunoco Pipeline L P-Grange Hall

Project Site Name: Pennsylvania Pipeline Project

Surface Water Name: UNT to Findley Run

Surface Water Use: HQ-CWF

ANTIDEGRADATION – EROSION AND SEDIMENT CONTROL (E&S) PLAN

A **Non-Discharge Alternative will be utilized** for the project that will either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the E&S BMP(s) that will be utilized to achieve the non-discharge alternative:

- | | |
|--|---|
| <input type="checkbox"/> Alternative Siting: Location | <input checked="" type="checkbox"/> Limiting Extent & Duration of Disturbance |
| <input type="checkbox"/> Alternative Siting: Configuration | <input type="checkbox"/> Riparian Buffer (150 ft min.) |
| <input type="checkbox"/> Alternative Siting: Location of Discharge | <input type="checkbox"/> Riparian Forest Buffer (150 ft min.) |
| <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> Limited Disturbed Area |

Explain how the E&S BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

The best possible surface locations were selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors. The project’s disturbed area will be limited to the area required for construction, and the duration of construction will be minimized to the extent practicable. Riparian forest buffers will be protected to the extent practicable during construction activities in the vicinity of stream crossings, where applicable. A PPC Plan will also be prepared.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) BMP(s) will be utilized for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during earth disturbance activities.

Identify the ABACT E&S BMP(s) that will be utilized:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Rock Construction Entrance with Wash Rack | <input type="checkbox"/> Rock Construction Entrance with Street Sweeping |
| <input type="checkbox"/> Wheel Wash | <input type="checkbox"/> Pumped Water Filter Bag with Compost Sock Ring |
| <input type="checkbox"/> Pumped Water Filter Bag with Sump Pit | <input checked="" type="checkbox"/> Compost Filter Sock |
| <input type="checkbox"/> Compost Filter Berm (HQ Only) | <input type="checkbox"/> Weighted Sediment Filter Tube (HQ Only) |
| <input type="checkbox"/> Silt Fence with Vegetative Filter Strip | <input type="checkbox"/> Super Silt Fence with Vegetative Filter Strip |
| <input type="checkbox"/> Wood Chip Filter Berm (HQ Only) | <input type="checkbox"/> Vegetative Filter Strip (HQ Only) |
| <input type="checkbox"/> Sediment Basin with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Basin with Skimmer |
| <input type="checkbox"/> Stone Inlet Protection with Compost Layer (HQ Only) | <input type="checkbox"/> Compost Filter Sock Sediment Trap |
| <input type="checkbox"/> Embankment Sediment Trap with Compost Layer (HQ Only) | <input type="checkbox"/> Embankment Sediment Trap with Compost Sock |
| <input type="checkbox"/> Sediment Trap with Perforated Riser (HQ Only) | <input type="checkbox"/> Sediment Trap with Skimmer |
| <input checked="" type="checkbox"/> Erosion Control Blankets within 50 ft of Surface Waters | <input checked="" type="checkbox"/> Immediate Stabilization |
| <input type="checkbox"/> Flocculant with PAMs | <input type="checkbox"/> Vegetative Conveyance |

Riparian Buffer (< 150 ft)

Riparian Forest Buffer (< 150 ft)

Approved Alternative: _____

Explain how the E&S BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm during the earth disturbance activities.

ABACT BMPs will be used onsite to protect and maintain the existing water quality of receiving waters by reducing/controlling turbidity associated with erosion/sedimentation from earth disturbance.

ANTIDegradation – POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN

A Non-Discharge Alternative will be utilized for the project that either individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the PCSM BMPs that will be used to achieve the non-discharge alternative:

Alternative Siting: Location

Low Impact Development

Alternative Siting: Configuration

Riparian Buffer (150-ft. min.)

Alternative Siting: Location of Discharge

Riparian Forest Buffer (150-ft. min.)

Infiltration

Water Reuse

Other: **Pre-construction drainage pattern intact where possible. Use geoweb to minimize compaction**

Explain how the PCSM BMP(s) will individually or collectively eliminate the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

The best possible surface site locations were selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors. The surface site will be restored to a meadow condition at approximate original contours, where possible, to maintain the pre-construction drainage patterns. Riparian forest buffers will be protected to the extent practicable, where applicable. Install geoweb topsoil reinforcement to promote infiltration and minimize compaction.

If a **Non-Discharge Alternative will not be utilized**, explain the rationale for non-selection, including why none of the alternatives are considered environmentally sound and cost-effective.

Antidegradation Best Available Combination of Technologies (ABACT) has been selected for the project that will either individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

Identify the ABACT PCSM BMPs that will be utilized:

Rain Garden (with Infiltration)

Disconnection of Impervious / Roof Area

Rain Garden (without Infiltration)

Pervious Pavement with Infiltration Bed

Constructed Filter

Infiltration Basin

Vegetated Swale

Infiltration Bed

Vegetated Filter Strip

Infiltration Trench

Constructed Wetland

Soil Amendment

Wet Pond

Dry Well / Seepage Pit

Dry Extended Detention Basin

Infiltration Berm / Retentive Grading

Water Quality Device

Protect Sensitive / Special Value Features

- | | |
|--|--|
| <input type="checkbox"/> Spray / Drip Irrigation | <input type="checkbox"/> Street Sweeping |
| <input type="checkbox"/> Rain Barrel | <input type="checkbox"/> Green Roof |
| <input type="checkbox"/> Protect / Utilize Natural Flow Pathways (on-site) | |

Approved Alternative: _____

Explain how the PCSM BMP(s) will individually or collectively manage the net change in stormwater volume, rate, and quality for storm events up to and including the 2-year/24-hour storm after earth disturbance activities.

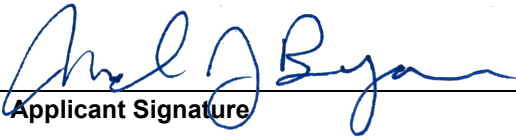
All disturbed areas will have contours restored to approximate original condition and all cover types will be restored to their original cover or meadow in good condition.

CERTIFICATION

I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)



Applicant Signature

Sr. Director – E&C Environmental

Official Title

10/26/21

Date Signed

Module 4 Worksheet
Riparian Buffer



**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES
RIPARIAN BUFFER MODULE 4**

Applicant: Sunoco Pipeline L P

Project Site Name: Pennsylvania Pipeline Project

Surface Water Name(s): See Attachment

Surface Water Use(s): See Attachment

APPLICABILITY INFORMATION

Permit Type: Individual NPDES Permit Erosion and Sediment Control (E&S) Permit

Check the appropriate box if the project is characterized by any of the following exceptions in 25 Pa. Code § 102.14(d)(1):

- Road maintenance activities where any existing riparian buffer will be undisturbed to the extent practicable.
- Repair and maintenance of existing pipelines and utilities where any existing buffer will be undisturbed to the extent practicable.
- Oil and gas, timber harvesting, or mining activities for which site reclamation or restoration is part of the permit authorization in Chapters 78, 86-90 and 102 where any existing buffer will be undisturbed to the extent practicable.
- A single-family home that is not part of a larger common plan of development or sale and the parcel was acquired by the applicant prior to November 19, 2010.
- Activities authorized by a DEP permit under other regulations which contain setback requirements and the activity complies with those setback requirements.

Check the appropriate box if the project is characterized by any of the following allowed or allowable activities in 25 Pa. Code §§ 102.14(f)(2) and (3):

- Activities or practices used to maintain the riparian buffer including the disturbance of existing vegetation, and tree and shrub removal, as needed to allow for natural succession of native vegetation and protection of public health and safety.
- Timber harvesting activities in accordance with the riparian forest buffer management plan as part of the PCSM Plan.
- Passive or low impact recreational activities so long as the functioning of the riparian buffer is maintained.
- Emergency response and other similar activities.
- Research and data collection activities, which may include water quality monitoring and stream gauging.
- Construction or placement of roads, bridges, trails, storm drainage, utilities or other structures that has been or is expected to be authorized by DEP.
- Water obstructions or encroachments that have been or are expected to be authorized by DEP.
- Restoration projects that have been or are expected to be authorized by DEP.

RIPARIAN BUFFER OR RIPARIAN FOREST BUFFER INFORMATION

1. Will earth disturbance activities occur within 150 feet of a perennial or intermittent stream, creek, lake, pond or reservoir with a designated use of High Quality Waters (HQ) or Exceptional Value Waters (EV)?

Yes No

If Yes to question #1, identify the option selected by the applicant to meet the requirements of 25 Pa. Code § 102.14(a)(1) or Act 162 of 2014:

- A 150-foot (min.) riparian buffer or riparian forest buffer will be implemented (*Individual NPDES Permits Only*).
- An equivalency demonstration will be conducted (*Individual NPDES Permits Only*).
- Applicant is seeking a waiver (*E&S Permits Only*).

2. Will the project site exist within 150 feet of a perennial or intermittent stream, creek, lake, pond or reservoir with a designated use of High Quality Waters (HQ) or Exceptional Value Waters (EV) where the use is not being attained (i.e., water is impaired)?

Yes No

If Yes to question #2, identify the option selected by the applicant to meet the requirements of 25 Pa. Code § 102.14(a)(2) or Act 162 of 2014:

- A 150-foot (min.) riparian forest buffer will be implemented (maintained, converted or established).
- An equivalency demonstration to a riparian forest buffer will be conducted (*Individual NPDES Permits Only*).
- Applicant is seeking a waiver (*E&S Permits Only*).

3. Species that will be planted: _____
4. Average minimum widths: Zone 1: _____ ft Zone 2: _____ ft
5. Buffer linear length: _____ ft
6. A riparian forest buffer management plan has been included in the PCSM Plan for the project.
7. The buffer will be protected in perpetuity by: Deed restriction Conservation easement
 Other: _____

EQUIVALENCY DEMONSTRATION

- Worksheets 12 and 13 from DEP's Pennsylvania Stormwater BMP Manual (363-0300-002) and Worksheets 14 and 15 from DEP's Riparian Buffer or Riparian Forest Buffer Equivalency Demonstration (310-2135-002) have been completed and are attached to this module and demonstrate that proposed PCSM BMPs will provide equivalent or better pollutant load reductions as a riparian buffer or riparian forest buffer.
- The Checklist for Functional Equivalency of Riparian Buffers and Riparian Forest Buffers as contained in DEP's Riparian Buffer or Riparian Forest Buffer Equivalency Demonstration (310-2135-002) is attached to this module.
- Will there be any earth disturbance within 100 feet of a surface water (as defined in 25 Pa. Code § 102.1)?
- Yes No
- If Yes, complete the Riparian Forest Buffer Offset Information section. If No, skip to the Certification section.*

RIPARIAN FOREST BUFFER OFFSET INFORMATION

1. Area that must be offset (show on PCSM Plan Drawing): _____ acre(s)
2. Proposed offset area (show on PCSM Plan Drawing): _____ acre(s)
3. Ch. 93 Drainage List of Project Site Waters: _____
4. Ch. 93 Drainage List of Offset Site Waters: _____ Name of Offset Site Waters: _____
5. Offset Property Owner Name and Address: _____
- Authorization to implement a new riparian forest buffer at the offset site has been provided and is attached.
- A Plan showing the location of the offset site and the buffer extent and an implementation plan are attached.
6. Species that will be planted: _____
7. Average minimum widths: Zone 1: _____ ft Zone 2: _____ ft
8. Buffer linear length: _____ ft
9. A riparian forest buffer management plan has been included in the PCSM Plan for the project.
10. The buffer will be protected in perpetuity by: Deed restriction Conservation easement
 Other: _____

WAIVER INFORMATION

1. The project qualifies for the following waiver(s) under 25 Pa. Code § 102.14(d)(2):
- The project is necessary to abate a substantial threat to public health or safety.
 - The project is a linear project including pipelines, public roadways, rail lines or utility lines.
 - The project is an abandoned mine reclamation activity that will be conducted under a DEP authorization or permit.
 - The project is a redevelopment project which may include brownfields or use of other vacant land and property within a developed area for further construction or development.
 - Compliance with 25 Pa. Code §§ 102.14(a) or (b) is not appropriate or feasible due to site characteristics or existing structures at the project site.
2. An alternatives analysis is attached.
3. Existing riparian buffers will be preserved to the extent practicable.

CERTIFICATION

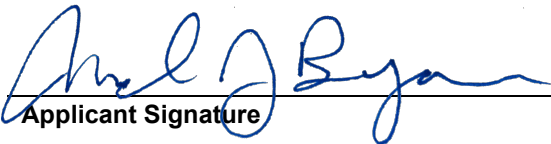
I certify under penalty of law and subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered 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.

Nicholas J. Bryan

Applicant Name (type or print legibly)

Sr. Director – E&C Environmental

Official Title



Applicant Signature

10/26/21

Date Signed

Surface Water Table

**Surface Water Table
SWRO PPP**

County	Township	Stream Name	Block Valve or Station Site Name	Chapter 93 Designated Use (Existing Use, if applicable)	Chapter 93 Code	Siltation Impaired
Washington	Chartiers	Chartiers Run	Houston Injection Station	WARM WATER FISHES	WWF	Yes
Washington	Chartiers	Westland Run	Houston Injection Station	WARM WATER FISHES	WWF	Yes
Westmoreland	Salem	UNT to Beaver Run	Delmont Station	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Salem	Beaver Run	Delmont Station	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Loyalhanna	Serviceberry Run	Koontz Road BV	HIGH QUALITY-WARM WATER FISHES	HQ-WWF	No
Westmoreland	Loyalhanna	UNT to Loyalhanna Creek	Bush Road BV	WARM WATER FISHES	WWF	No
Westmoreland	Loyalhanna	Loyalhanna Creek	Bush Road BV	WARM WATER FISHES	WWF	No
Westmoreland	Loyalhanna	UNT to Boatyard Run		COLD WATER FISHES	CWF	No
Westmoreland	Derry	UNT to Spruce Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	Yes
Westmoreland	Derry	UNT to Conemaugh River	Westonghouse Road BV	COLD WATER FISHES	CWF	No
Westmoreland	Derry	Conemaugh River		WARM WATER FISHES	WWF	No
Indiana	Burrell	Conemaugh River	Newport Road BV	WARM WATER FISHES	WWF	No
Indiana	Burrell	UNT to Blacklick Creek		COLD WATER FISHES	CWF	Yes
Indiana	Burrell	UNT to Toms Run		COLD WATER FISHES	CWF	No
Indiana	Burrell	Toms Run		COLD WATER FISHES	CWF	No
Indiana	West Wheatfield	UNT to Roaring Run	Chestnut Ridge Road BV	COLD WATER FISHES	CWF	No
Indiana	West Wheatfield	East Branch Richards Run		COLD WATER FISHES	CWF	No
Indiana	East Wheatfield	UNT to Conemaugh River		COLD WATER FISHES	CWF	No
Indiana	East Wheatfield	UNT to Findley Run	Grange Hall Road BV	HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Indiana	East Wheatfield	Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	UNT to Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Findley Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	UNT to Laurel Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Laurel Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Hinckston Run		COLD WATER FISHES	CWF	No
Cambria	Jackson	UNT to Hinckston Run	Vinco/William Penn BV	COLD WATER FISHES	CWF	No
Cambria	Jackson	UNT to Saltlick Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Jackson	Saltlick Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	Stewart Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	UNT to Stewart Run		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cambria	Howells Run		COLD WATER FISHES	CWF	No
Cambria	Cambria	UNT to Howells Run	Ebensburg Station	COLD WATER FISHES	CWF	No
Cambria	Cambria	Sanders Run		COLD WATER FISHES	CWF	No
Cambria	Munster	UNT to North Branch Little Conemaugh		COLD WATER FISHES	CWF	No
Cambria	Munster	UNT to Noels Creek		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Munster	Noels Creek		HIGH QUALITY-COLD WATER FISHES	HQ-CWF	No
Cambria	Cresson	UNT to Little Conemaugh River	Cooney Road BV, Kozak BV	COLD WATER FISHES	CWF	No
Cambria	Cresson	Burgoon Run		COLD WATER FISHES	CWF	No
Cambria	Cresson	UNT to Bear Rock Run		COLD WATER FISHES	CWF	No
Cambria	Washington	UNT to Blair Run		COLD WATER FISHES	CWF	No

General Information Form



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

<p style="text-align: center;">Related ID#s (If Known)</p> <p>Client ID# _____ APS ID# _____</p> <p>Site ID# _____ Auth ID# _____</p> <p>Facility ID# _____</p>	<p style="text-align: center;">DEP USE ONLY</p> <p style="text-align: center;">Date Received & General Notes</p>
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CLIENT INFORMATION

DEP Client ID# 290687	Client Type / Code	Dun & Bradstreet ID#	
Legal Organization Name or Registered Fictitious Name Sunoco Pipeline L P	Employer ID# (EIN) 23-3102656	Is the EIN a SSN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO	
State of Incorporation or Registration of Fictitious Name	<input type="checkbox"/> Corporation <input type="checkbox"/> LLC <input type="checkbox"/> Partnership <input type="checkbox"/> LLP <input checked="" type="checkbox"/> LP <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Association/Organization <input type="checkbox"/> Estate/Trust <input type="checkbox"/> Other		
Individual Last Name	First Name	MI	Suffix
Additional Individual Last Name	First Name	MI	Suffix
Mailing Address Line 1 535 Fritztown Road	Mailing Address Line 2		
Address Last Line – City Sinking Spring	State PA	ZIP+4 19608	Country USA
Client Contact Last Name Bryan	First Name Nicholas	MI J	Suffix
Client Contact Title Sr. Director - E&C Environmental	Phone 570-505-3740	Ext	Cell Phone
Email Address Nick.Bryan@energytransfer.com	FAX		

SITE INFORMATION

DEP Site ID#	Site Name				
EPA ID#	Estimated Number of Employees to be Present at Site				
Description of Site					
Tax Parcel ID(s):					
County Name(s)	Municipality(ies)	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Site Location Line 1	Site Location Line 2				
Site Location Last Line – City	State	ZIP+4			
Detailed Written Directions to Site					

Site Contact Last Name	First Name	MI	Suffix
Site Contact Title		Site Contact Firm	
Mailing Address Line 1		Mailing Address Line 2	
Mailing Address Last Line – City		State	ZIP+4
Phone	Ext	FAX	Email Address
NAICS Codes (Two- & Three-Digit Codes – List All That Apply)			6-Digit Code (Optional)

Client to Site Relationship

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. Will this project modify an existing facility, system, or activity?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> Mine Drainage Treatment / Land Recycling Project Location	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input type="checkbox"/> Oil & Gas Location	_____
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Horizontal Accuracy Measure	Feet	--or--		Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code						
Reference Point Code						
Altitude	Feet	--or--		Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					
Altitude (Vertical) Location Datum Collection Method Code						
Geometric Type Code						
Data Collection Date						
Source Map Scale Number	Inch(es) =		Feet			
	--or--		Centimeter(s) =		Meters	

PROJECT INFORMATION

Project Name

Project Description

Project Consultant Last Name	First Name	MI	Suffix
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Project Consultant Title	Consulting Firm
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Mailing Address Line 1	Mailing Address Line 2
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Address Last Line – City	State	ZIP+4
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Phone	Ext	FAX	Email Address
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Time Schedules	Project Milestone (Optional)

1. **Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP?** Yes No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online [Environmental Justice Areas Viewer](#).

2. **Have you informed the surrounding community prior to submitting the application to the Department?** Yes No

Method of notification: _____

3. **Have you addressed community concerns that were identified?** Yes No N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. **Is your project funded by state or federal grants?** Yes No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
 Grant Source: _____
 Grant Contact Person: _____
 Grant Expiration Date: _____

5. **Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions)** Yes No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
 If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	Is there an adopted county or multi-county comprehensive plan?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.	Is there a county stormwater management plan?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.	Is there an adopted municipal or multi-municipal comprehensive plan?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.	Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p>Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below. If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.</p>					
5.	Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval? If zoning approval has been received, attach documentation.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.	Have you attached Municipal and County Land Use Letters for the project?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the [Project Review Form](#).

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.1	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.2	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.3	Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.5	Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.0	Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> .	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.1	Total Disturbed Acreage				
4.0.2	Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.3	Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.0	Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility? If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.1	Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.2	Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.3	Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.4	Is your project an interstate transmission natural gas pipeline?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

5.5	Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.6	Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.7	Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.1	Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year).	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	10.0.1 Gallons Per Year (residential septage) _____				
	10.0.2 Dry Tons Per Year (biosolids) _____				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	11.0.1 Dam Name				
12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	12.0.1 Dam Name				
13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1? <input type="checkbox"/> Yes <input type="checkbox"/> No				
	13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission. Enter all types & amounts of emissions; separate each set with semicolons.				

14.0	Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year? If "Yes", check all proposed sub-facilities.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.1	Number of Persons Served	_____			
14.0.2	Number of Employee/Guests	_____			
14.0.3	Number of Connections	_____			
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
16.0	Is your project to be served by an existing public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
16.0.1	Supplier's Name	_____			
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0	Will this project be served by on-lot drinking water wells?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
18.0	Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)? If "Yes", reference Safe Drinking Water Program.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
18.0.1	Source Name	_____			
19.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
19.0.1	Type & Amount	_____			
20.0	Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
21.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. <u>Note</u>: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			
22.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. <u>Note</u>: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
22.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			
23.0	Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. <u>Note</u>: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
23.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			

24.0 Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? Yes No
If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.

24.0.1 Enter all substances & capacity of each; separate each set with semicolons.

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

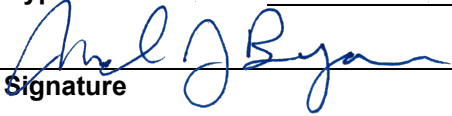
25.0 Will the intended activity involve the use of a radiation source? Yes No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Nicholas J. Bryan


Signature

Sr. Director - E&C Environmental

Title

10/26/21

Date