These are documents that Delaware Riverkeeper Network received from our Open Public Records Act (OPRA) request on August 1, 2022 from the Bucks County Conservation District.
06/02/2021

Colleen Armstrong
100 Green Street
Marcus Hook, PA 19061-4800

SUBJECT: 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration
TMP #: 47-24-1, 47-24-2, 47-24-23
TOTAL ACRES: 4,902
DATE OF PLAN: 3/29/21 (sheets 1, 2, 5 5/24/21)
LOCATION: 106 Oakdale Ave
Upper Makefield Township, Bucks County, PA

ACRES T.B.D: 4,902
SHEETS: 1-6 of 16

Dear Sir / Madam:

This is a review by the Conservation District of the erosion and sediment pollution control plan created for the above-mentioned site. Any revisions made to these approved drawings must be submitted to the Conservation District for review and approval.

The plan submitted appears to be ADEQUATE with comments (see page 2) for erosion and sediment pollution control and meets the minimum requirements of the Pennsylvania Department of Environmental Protection (Pa.DEP) Rules and Regulations, Chapter 102, Erosion Control, relating to the Pennsylvania Clean Streams Law.

Pre-construction meetings are mandatory for non-residential projects with at least 5000 square feet of earth disturbance, all residential projects of three or more units, or at the discretion of the inspector. Failure to adhere to this policy will result in immediate and automatic revocation of your erosion & sediment control adequacy letter. To arrange a pre-construction meeting, please contact the inspector listed below.

At the pre-construction meeting, the erosion and sediment control plan indicated in the Conservation District official letter of adequacy must have the same date as the plan produced by the developer of agent. If the plan dates are not identical, the meeting will be terminated, without exception.
1.) An NPDES permit is required for this project. No earthmoving may begin until the NPDES permit has been obtained.

2.) A preconstruction meeting is required for this project. No earthmoving may begin until the pre-construction meeting has been held. Please coordinate with Upper Makefield Twp. and other permitting agencies regarding scheduling the pre-construction meeting.

The BCCD requires a notification of three (3) working days prior to site disturbance in order to perform the necessary erosion and sediment pollution control inspections. Call the inspector listed below. As the erosion and sediment pollution controls are implemented, they must be maintained and checked frequently. Failure to begin earthmoving within two (2) years will require a resubmission of the erosion and sediment pollution control plan.

Sincerely,

[Signature]

Jason Maurer
Erosion and Sediment Control Technician

cc:
/E & S File / Municipal File / BCPC
STV Energy Services
205 West Welsh Dr
Douglasville, PA 19518
/Upper Makefield Township
/Upper Makefield Township Engineer
### Table 1.4

**Recommended Bend Mixtures**

<table>
<thead>
<tr>
<th>Material Type</th>
<th>3-1/2 HOP</th>
<th>1-1/2 HOP</th>
<th>3-1/2 HDPE</th>
<th>1-1/2 HDPE</th>
<th>Multi-Flow Polyethylene (MFP)</th>
<th>Heavy Polyethylene 3-1/2</th>
<th>Heavy Polyethylene 1-1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material Characteristics</strong></td>
<td>Photo-degradable</td>
<td>24&quot; 24&quot;</td>
<td>Photo-degradable</td>
<td>18&quot; 18&quot;</td>
<td>Photo-degradable</td>
<td>24&quot; 24&quot;</td>
<td>18&quot; 18&quot;</td>
</tr>
<tr>
<td><strong>Shape</strong></td>
<td>Polyethylene</td>
<td>Cake</td>
<td>Polyethylene</td>
<td>Cake</td>
<td>Polyethylene</td>
<td>Cake</td>
<td>Cake</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>lb.</td>
<td>12&quot;</td>
<td>lb.</td>
<td>9&quot;</td>
<td>lb.</td>
<td>12&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>3-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td><strong>Material Composition</strong></td>
<td>100% Polyethylene</td>
<td>95% Polyethylene</td>
<td>95% Polyethylene</td>
<td>95% Polyethylene</td>
<td>95% Polyethylene</td>
<td>95% Polyethylene</td>
<td>95% Polyethylene</td>
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<tr>
<td><strong>Length</strong></td>
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<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
</tr>
<tr>
<td><strong>Installation Notes</strong></td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
</tr>
</tbody>
</table>

### Table 2.5

**Recommended Beam Mixtures for Stabilizing Disturbed Areas**

<table>
<thead>
<tr>
<th>Features</th>
<th>10&quot; Beam</th>
<th>12&quot; Beam</th>
<th>14&quot; Beam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material Characteristics</strong></td>
<td>Photo-degradable</td>
<td>Photo-degradable</td>
<td>Photo-degradable</td>
</tr>
<tr>
<td><strong>Shape</strong></td>
<td>Polyethylene</td>
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<td>Polyethylene</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>lb.</td>
<td>lb.</td>
<td>lb.</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>10&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
</tr>
<tr>
<td><strong>Material Composition</strong></td>
<td>100% Polyethylene</td>
<td>100% Polyethylene</td>
<td>100% Polyethylene</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
</tr>
<tr>
<td><strong>Installation Notes</strong></td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
</tr>
</tbody>
</table>

### Table 3.5

**Recommended Spill Containment Bunds**

<table>
<thead>
<tr>
<th>Features</th>
<th>10&quot; Beam</th>
<th>12&quot; Beam</th>
<th>14&quot; Beam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material Characteristics</strong></td>
<td>Photo-degradable</td>
<td>Photo-degradable</td>
<td>Photo-degradable</td>
</tr>
<tr>
<td><strong>Shape</strong></td>
<td>Polyethylene</td>
<td>Polyethylene</td>
<td>Polyethylene</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>lb.</td>
<td>lb.</td>
<td>lb.</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>10&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
</tr>
<tr>
<td><strong>Material Composition</strong></td>
<td>100% Polyethylene</td>
<td>100% Polyethylene</td>
<td>100% Polyethylene</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>500 ft.</td>
<td>500 ft.</td>
<td>500 ft.</td>
</tr>
<tr>
<td><strong>Installation Notes</strong></td>
<td>Can be welded</td>
<td>Can be welded</td>
<td>Can be welded</td>
</tr>
</tbody>
</table>
GENERAL NOTES

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES shall be in place prior to any erosion operations and/or excavation of cut areas. Final grading of cut areas shall be completed before any ecosystem dependent vegetative areas are disturbed. The soil types for various cut areas, as per Table 7, will be used.

2. WATERWAYS, WETLANDS, ARMED DRAINAGE TRENCHES OR Ditches, and other hydraulic structures shall be designed to be compatible with the surrounding environment. The designer shall submit design plans to the Authority for review and approval.

3. Where the depth of cut in a cut area is greater than 1.0 ft, a protective measure shall be used in the area which meets the requirements of the table below.

4. Protection of all storm drain inlets shall be provided with a device that will trap and contain all washoff from the adjacent area. A sedimentation basin shall be provided at the base of the storm drain system. The sedimentation basin shall be designed to retain the sediment generated by the storm drain system. The sedimentation basin shall be constructed to retain the sediment generated by the storm drain system.

5. EROSION and SEDIMENT CONTROL MEASURES must be in place prior to any erosion operations and/or excavation of cut areas. The soil types for various cut areas, as per Table 7, will be used.

6. The contractor shall submit to the Authority a plan of proposed method of disposal of the erosion materials. The plan shall include a description of the proposed method of disposal of the erosion materials. The plan shall be submitted to the Authority for review and approval.

7. PROTECTION OF ALL STORM DRAIN INLETS IS RECOMMENDED. THE PROTECTION OF ALL STORM DRAIN INLETS IS RECOMMENDED. THE PROTECTION OF ALL STORM DRAIN INLETS IS RECOMMENDED.

8. EROSION and SEDIMENT CONTROL MEASURES must be in place prior to any erosion operations and/or excavation of cut areas. The soil types for various cut areas, as per Table 7, will be used.

9. The contractor shall submit to the Authority a plan of proposed method of disposal of the erosion materials. The plan shall include a description of the proposed method of disposal of the erosion materials. The plan shall be submitted to the Authority for review and approval.

10. EROSION and SEDIMENT CONTROL MEASURES must be in place prior to any erosion operations and/or excavation of cut areas. The soil types for various cut areas, as per Table 7, will be used.

11. The contractor shall submit to the Authority a plan of proposed method of disposal of the erosion materials. The plan shall include a description of the proposed method of disposal of the erosion materials. The plan shall be submitted to the Authority for review and approval.

12. EROSION and SEDIMENT CONTROL MEASURES must be in place prior to any erosion operations and/or excavation of cut areas. The soil types for various cut areas, as per Table 7, will be used.
06/03/2021

Sunoco Pipeline LP
Colleen Armstrong
100 Green Street
Marcus Hook, PA 19061-4800

Re: PAG-02 NPDES General Permit Coverage Approval
14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration
NPDES Permit No. PAC090431
Upper Makefield Township, Bucks County

Dear Ms. Armstrong:

Under the authority of the federal Clean Water Act and Pennsylvania’s Clean Streams Law, the Bucks County Conservation District has approved your request for new coverage under the PAG-02 NPDES General Permit for Discharges of Stormwater Associated with Construction Activities ("PAG-02 General Permit"). The latest versions of the Notice of Intent (NOI) and all supporting documents, including the Erosion and Sediment Control (E&S) Plan and Post-Construction Stormwater Management (PCSM) Plan, are incorporated into this approval, including the following plan drawings:

- The E&S Plan drawings, for 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration, dated 04/17/2020 and last revised 03/29/2021.
- The PCSM Plan drawings for 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration, dated 04/17/2020, and last revised 03/29/2021.

Your coverage under the PAG-02 General Permit, which has been assigned NPDES Permit No. PAC090431, is effective on June 3, 2021 and will expire on December 7, 2024. If stormwater discharges associated with construction activities are expected to continue beyond the expiration date of PAG-02 General Permit coverage, you must apply to renew your coverage at least 180 days prior to the expiration date, unless otherwise approved by the Department of Environmental Protection (DEP) or the District.

Please review the PAG-02 General Permit and the enclosed attachments carefully and contact this office if you have any questions. Please pay particular attention to the following requirements of the General Permit:

- In accordance with 25 Pa. Code § 102.5(h), operators who are not the permittee shall be co-permittees. An operator is a person who either has oversight responsibility of an earth disturbance activity on a project site who has the ability to make modifications to the E&S Plan, PCSM Plan or site specifications, or has day to day operational control over an earth disturbance activity on a project site. Please be advised that after an operator (contractor) has been selected for the project, the operator must be made a co-permittee and enter into an agreement with the permittee. Please use the enclosed Co-Permittee Acknowledgement Form for Chapter 102 Permits form (3800-FM-BCW0271a) to add a co-permittee.
A pre-construction meeting is required as specified in 25 Pa. Code § 102.5(e), unless otherwise notified in writing by this office. The purpose of this meeting is to review all aspects of the permit with the permittee, co-permittees, operators, consultants, inspectors and licensed professionals or their designees who will be responsible for the implementation of the critical stages of the approved PCSM Plan. You must provide at least seven days notice of the pre-construction meeting to all invited attendees.

You must conduct inspections of all best management practices (BMPs) on a weekly basis and after each measurable stormwater event (i.e., precipitation in an amount of 0.25 inch or greater over a 24-hour period) to ensure effective and efficient operation. The Visual Site Inspection Report Form (3800-FM-BCW0271d) is enclosed along with instructions. This form (or an equivalent electronic form providing the same information) must be used to document the required site inspections.

For any property containing a PCSM BMP, the permittee or co-permittee must record an instrument with the recorder of deeds which will assure disclosure of the PCSM BMP and the related obligations in the ordinary course of a title search of the subject property. The recorded instrument must identify the PCSM BMP, provide for necessary access related to long-term operation and maintenance (O&M) for PCSM BMPs, and provide notice that the responsibility for long-term O&M of the PCSM BMP is a covenant that runs with the land that is binding upon and enforceable by subsequent grantees. **You must record an instrument with the Recorder of Deeds within 45 days and provide proof of the recording at the time an application to transfer permit coverage is submitted, if applicable, and at the time a Notice of Termination (NOT) is submitted to this office.**

If there are any changes to the PCSM BMPs or long-term operation and maintenance plan after the initial instrument recording and prior to permit termination, the permittee(s) will need to amend the initial recorded instrument at the recorder of deeds office prior to permit termination. Please note, most Recorder of Deeds Offices require that the land owner (at the time of actual recording) signs the instrument to be recorded. If the land owner changes and an amended instrument needs to be recorded, the Recorder of Deeds office will likely require the new land owner’s signature on the amended instrument. It is recommended that for any sale or transfer of property to a new owner before this permit is terminated that the permittee seek legal counsel on how to structure the sale or transfer to allow the recorded instrument to be amended.

The NOT form (3800-PM-BCW0229b) is also enclosed and must be completed and filed when construction activities have ceased and final stabilization has been achieved. The NOT must identify the responsible person(s) for the long-term O&M of the PCSM BMPs. Please be advised that the permittee and any co-permittees remain responsible for all operational maintenance for this project site until the NOT has been filed and acknowledged. **It is important that you fulfill your obligations under the General Permit and submit a complete NOT to this office upon final stabilization of the site.**

Persons aggrieved by an action of a conservation district under 25 Pa. Code Chapter 102 may request an informal hearing with DEP within 30 days of publication of this notice in the Pennsylvania Bulletin, pursuant to 25 Pa. Code § 102.32(c). DEP will schedule this informal hearing within 30 days of the request. After this informal hearing, any final determination by DEP may be appealed to the Environmental Hearing Board.

If you have questions, please contact Jason Maurer by e-mail at jmaurer@bucksccd.org or by telephone at 215-345-7577 and refer to Permit No. PAC090431.
Sincerely,

[Signature]

Gretchen Schatschneider
District Manager
Bucks County Conservation District

cc: STV Energy Services (approval letter and page 1 of General Permit only)
    Christopher Smith, DEP Permits Section Chief (approved NOI, approval letter, and page 1 of General Permit only)
    Upper Makefield Township (approval letter and page 1 of General Permit only)
    Upper Makefield Township Engineer (approval letter and page 1 of General Permit only)
    Bucks County Planning Commission (approval letter only)

Enclosures: PAG-02 General Permit
            Visual Site Inspection Report Form and Instructions
            Co-Permittee Acknowledgement Form for Chapter 102 Permits and Instructions
            Notice of Termination Form

bcc: File
     DEP Bureau of Clean Water (approved NOI, approval letter and page 1 of General Permit)
     NPDES File / E & S File

ss
PAG-02
AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES

NPDES PERMIT NO: PAC090431

In compliance with the provisions of the Clean Water Act, 33 U.S.C.A. §§ 1251—1387 and Pennsylvania’s Clean Streams Law, as amended, 35 P.S. §§ 691.1—691.1001, the Department of Environmental Protection (DEP) authorizes the permittee named below to discharge stormwater associated with construction activities from an earth disturbance activity that involves earth disturbance greater than or equal to one acre, or an earth disturbance on any portion, part, or during any stage of a larger common plan of development or sale that involves earth disturbance greater than or equal to one acre:

Permittee
Sunoco Pipeline LP
100 Green Street
Marcus Hook, PA 19061-4800

Project Site
14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration
Upper Makefield Township, Bucks County, PA

This authorization is subject to DEP’s enclosed PAG-02 General Permit (General Permit) which incorporates all effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater associated with construction activities to surface waters, including through storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the Notice of Intent (NOI) for general permit coverage.

APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREBIN IS AUTHORIZED BEGINNING ON JUNE 3, 2021 AND WILL EXPIRE ON DECEMBER 7, 2024 WHEN CONDUCTED PURSUANT TO THE TERMS AND CONDITIONS OF THIS GENERAL PERMIT. GENERAL PERMIT COVERAGE MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY DEP OR THE AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS GENERAL PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE(S) FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER STATE OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.

Coverage under the PAG-02 General Permit is authorized by:

[Signature]
Gretchen Schatschneider
District Manager
Bucks County Conservation District

- 1 -
Before completing this form, read the step-by-step instructions provided in the PAG-02 NOI package.

### DEP / CCD USE ONLY

- **Date Received:** 1/15/2021
- **Permit ID:** PAC090431
- **Date of:**
  - [ ] Return
  - [ ] Withdrawal
  - [ ] Denial
- **Issuance Date:**
- **Coverage Expiration Date:**

### GENERAL INFORMATION

1. **NOI Type:**
   - [ ] New
   - [ ] Renewal
   - [ ] Major Amendment
   - [ ] Minor Amendment
   - Permit No. PA_

2. **Primary NAICS Code:** 486910

3. **Additional NAICS Codes:**

4. **Project Description:** Relocation of an Existing 14-Inch Petroleum Products Pipeline Via Trenchless HDD and Traditional Trenching

5. [ ] Site Restoration Project

6. [ ] Common Plan of Development or Sale
   - **No. phases:**
   - **No. phases complete:**

### APPLICANT INFORMATION

1. **Organization Name or Registered Fictitious Name:** Sunoco Pipeline LP

2. **Employer ID# (EIN):**

3. **Individual Last Name:** Armstrong
   - **First Name:** Colleen
   - **MI:**
   - **Suffix:**

4. **Mailing Address Line 1:** 100 Green Street
   - **Mailing Address Line 2:**

5. **Address Last Line – City:** Marcus Hook
   - **State:** PA
   - **ZIP+4:** 19061-4800
   - **Country:** Delaware

6. **Applicant Contact Last Name:** Armstrong
   - **First Name:** Colleen
   - **MI:**
   - **Suffix:**

7. **Applicant Contact Title:** Project Manager
   - **Phone:** 215-205-8199
   - **Ext:**

8. **Phone:**
   - **Fax:**

9. **Email Address:** Colleen.Armstrong@energytransfers.com

10. **Ownership:**
    - [ ] Government:
      - [ ] Federal
      - [ ] State
      - [ ] County
      - [ ] Municipal
      - [ ] School District
    - [ ] Non-Government
      - [ ] Mixed (Public/Private)

- 1 -
ELIGIBILITY INFORMATION

1. Stormwater discharges from the project site will not drain to surface waters, including wetlands, that are classified for special protection. [☐ True  ☐ False]

2. The applicant is not in violation of any DEP or EPA enforceable document, including any permit, schedule of compliance, consent assessment of civil penalty, or order at the project site or other sites or facilities owned or operated by the applicant in Pennsylvania, and has not shown a lack of ability or intention to comply with laws administered by DEP or EPA as indicated by past or continuing violations. [☐ True  ☐ False]

3. The PNDI receipt indicates either 1) “No Impact”, or 2) “Conservation Measures”, or 3) “Avoidance Measures” that have been agreed to by the applicant, or 4) “Potential Impact” or “Avoidance Measures” not agreed to by the applicant but clearance letters from jurisdictional agencies are attached to the NOI or otherwise will be submitted prior to General Permit coverage. [☐ True  ☐ False]

4. Soils in the area of the earth disturbance are not 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, unless a site-specific standard has been met or evidence is provided that the contamination is naturally occurring or the result of widespread atmospheric deposition. [☐ True  ☐ False]

5. Stormwater will not be discharged to MS4 or CSO systems or will be discharged to MS4 or CSO systems with no net change in volume, rate or water quality or will be discharged to MS4 or CSO systems with a net change (increase) and written consent of the MS4 or CSO permittee. [☐ True  ☐ False]

6. All fill material imported to the project site will be clean fill or will be regulated fill that has been authorized for use on the project site by DEP’s Waste Management Program or will be used on an Act 2 site in accordance with standards established by DEP’s Land Recycling and Environmental Remediation Standards Program. [☐ True  ☐ False]

7. Stormwater discharges will not occur that would contain toxic or hazardous pollutants as defined in sections 307 and 311 of the Clean Water Act (33 U.S.C. §§ 1317 and 1321) or any other substance that — because of its quantity, concentration, or physical, chemical or infectious characteristics — may cause or contribute to an increase in mortality or morbidity in either an individual or the total population, or pose a substantial present or future hazard to human health or the environment when discharged into surface waters. [☐ True  ☐ False]

8. Stormwater will not be discharged to impaired waters caused by siltation, suspended solids, turbidity, water/flow variability, flow modifications/alterations, or nutrients, or stormwater will be discharged to impaired waters but the applicant will implement non-discharge alternative(s) or ABACT BMPs. [☐ True  ☐ False]

9. Stormwater will not be discharged to waters with an EPA-approved or established TMDL for siltation, suspended solids, or nutrients, or will be discharged to TMDL waters (including the Chesapeake Bay) but the applicant will implement non-discharge alternative(s) or ABACT BMPs and any applicable wasteload allocation (WLA) will be achieved. [☐ True  ☐ False]

EXISTING PERMITS

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

<table>
<thead>
<tr>
<th>Type of Permit</th>
<th>Permit No.</th>
<th>Date Issued</th>
<th>Issued By</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP-05 Utility Line Crossing</td>
<td>GP050901220-031</td>
<td>Pending</td>
<td>PADEP Southeast Office</td>
</tr>
</tbody>
</table>
**PROJECT SITE INFORMATION**

1. **Project Site Name**: 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation Project  
   2. **Total Project Site Area**: 4.904 acres

3. **Project Site Impervious Area – Pre-Construction**: 0.079 acres  
   Percent of Total: 1.61 %

4. **Project Site Impervious Area – Post-Construction**: 0.079 acres  
   Percent of Total: 1.61 %

5. Hydric soils or other wetland features are present within the Project Site.  
   ☑ Yes ☐ No  
   ☑ If Yes, the wetland determination is attached to the NOI.

6. **County Name**  
   Bucks  
   **Municipality Name**  
   Upper Makefield  
   **City** ☐ ☐ ☒ ♦  
   **Boro** ☐ ☐ ☐  
   **Twp** ☐ ☐ ☒  
   **State** PA

7. **County Name**  
   **Municipality Name**  
   **City** ☐ ☐ ☐  
   **Boro** ☐ ☐ ☐  
   **Twp** ☐ ☐ ☒  
   **State** PA

8. **Site Location Address**  
   106 OAKDALE AVE

9. **Site Location City**  
   WASHINGTON CROSSING  
   **State** PA  
   **ZIP+4** 18977-1430

**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**:  

8. **Operator Name**:  
9. **Contact Name**:  

10. **Operator Address**:  
11. **Operator Phone**:  

12. **Operator City, State, Zip**:  

13. **Operator's Role in Project**:  
   ☐ General Contractor ☐ Consultant ☐ Excavation Contractor ☐ Other

14. **Operator's Responsibilities**:  

**EARTH DISTURBANCE INFORMATION**

1. **Total Earth Disturbance Area**: 4.904 acres  
   213,618 sf

2. **Pre-Construction Impervious Area**: 3,437 sf

3. **Post-Construction Impervious Area**: 3,427 sf

4. **Pre-Construction/Present Land Use(s)**:  
   meadow 98.4 %  
   impervious 1.6 %

5. **Post-Construction Land Use(s)**:  
   meadow 98.4 %
   impervious 1.6 %

6. ☑ Plan Drawings within E&S Plans and PCSM Plans showing topography, project site and LOD boundaries, surface waters, discharge points, E&S and PCSM BMPs, and drainage patterns are attached.

7. **Report latitude and longitude at the center of the proposed disturbed area (decimal degrees)**:  
   Latitude: 40.277600  
   Longitude: 74.860380

8. **Horizontal Reference Datum**:  
   ☐ NAD of 1927 ☑ NAD of 1983 ☐ WGS of 1984 ☐ Unknown

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**- 3 -**
# EARTH DISTURBANCE INFORMATION (CONTINUED)

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:

<table>
<thead>
<tr>
<th>Description of Off-Site Support Activity</th>
<th>Distance from Site</th>
<th>Disturbance Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mi</td>
<td>acres</td>
</tr>
<tr>
<td></td>
<td>mi</td>
<td>acres</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description of Off-Site Support Activity</th>
<th>Distance from Site</th>
<th>Disturbance Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mi</td>
<td>acres</td>
</tr>
<tr>
<td></td>
<td>mi</td>
<td>acres</td>
</tr>
</tbody>
</table>

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 needed for this 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.
- ☐ 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. WMRG096 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 obtained before construction)  ☒ 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.  New Jersey NPDES Permit From Mercer County Soil Conservation District.

# COMPLIANCE HISTORY

Was/Is the applicant, 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.

<table>
<thead>
<tr>
<th>Permit Program:</th>
<th>SEE ATTACHED APPENDIX</th>
<th>Permit No.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief Description of Non-Compliance:</td>
<td>SEE ATTACHED APPENDIX</td>
<td></td>
</tr>
<tr>
<td>Steps Taken to Achieve Compliance</td>
<td>Date(s) Compliance Achieved</td>
<td></td>
</tr>
<tr>
<td>SEE ATTACHED APPENDIX</td>
<td>SEE ATTACHED APPENDIX</td>
<td></td>
</tr>
<tr>
<td>SEE ATTACHED APPENDIX</td>
<td>SEE ATTACHED APPENDIX</td>
<td></td>
</tr>
<tr>
<td>Current Compliance Status:</td>
<td>☐ In Compliance ☒ In Non-Compliance</td>
<td></td>
</tr>
</tbody>
</table>
### STORMWATER DISCHARGE INFORMATION

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

<table>
<thead>
<tr>
<th>Discharge Point No.</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>RECEIVING WATERS</th>
<th>Ches. Bay?</th>
<th>Non-Surface Waters</th>
<th>Ch. 93 Class.</th>
<th>Impaired?</th>
<th>TMDL?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Degrees</td>
<td>Degrees</td>
<td>Name of Receiving Waters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Discharge Point No.</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>RECEIVING WATERS</th>
<th>Ches. Bay?</th>
<th>Non-Surface Waters</th>
<th>Ch. 93 Class.</th>
<th>Impaired?</th>
<th>TMDL?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Degrees</td>
<td>Degrees</td>
<td>Name of Receiving Waters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

   - Not Applicable

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 E&S controls to prevent accelerated erosion.
## STORMWATER DISCHARGE INFORMATION (CONTINUED)

6. For each discharge to an impaired water (with or without a TMDL, including Ches. Bay) complete the information below.

<table>
<thead>
<tr>
<th>Discharge Point No.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater will be managed using:</td>
</tr>
<tr>
<td>Description of E&amp;S BMP(s):</td>
</tr>
<tr>
<td>Description of PCSM BMP(s):</td>
</tr>
<tr>
<td>WLA(s) in a TMDL apply to this discharge:</td>
</tr>
<tr>
<td>If Yes, describe how the discharge will comply with the WLA(s):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discharge Point No.:</th>
</tr>
</thead>
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</table>

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</tr>
<tr>
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</tr>
<tr>
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<tr>
<td>Description of E&amp;S BMP(s):</td>
</tr>
<tr>
<td>Description of PCSM BMP(s):</td>
</tr>
<tr>
<td>WLA(s) in a TMDL apply to this discharge:</td>
</tr>
<tr>
<td>If Yes, describe how the discharge will comply with the WLA(s):</td>
</tr>
</tbody>
</table>

- 6 -
CERTIFICATION FOR PAG-02 APPLICANTS

I certify under penalty of law that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. The responsible official’s signature also verifies that the activity is eligible to participate in the NPDES permit, and that BMP’s, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or both for knowing violations pursuant to Section 309(c)(4) of the Clean Water Act and 18 Pa. C.S.A. § 4904.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ Individual; proceed to signature portion.

I hereby certify that I am the signatory pursuant to 25 Pa, Code § 92a.22 and 40 CFR §122.22 and that I am the person who is responsible for decision-making regarding environmental compliance functions for Enter Entity name, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant’s long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following: not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary ☐ treasurer of Corporation/Company Entity name

☐ The person either holding a position designated or individually listed on a “Certificate of Limited Liability Company Authority” filed with the Pennsylvania Department of State as a position/person with the authority to bind the company OR the person listed in the LLC’s most current and active operating agreement as having the authority to bind the company. Please attach the applicable “Certificate of Limited Liability Company Authority” or operating agreement. If the operating agreement is attached, please identify the page and paragraph containing the applicable information.

☐ The general partner of partnership/LP/LLP Entity name

☐ The principal executive officer or ranking elected official of Municipality/State/Federal/other public agency Entity name

☒ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for Sunoco Pipeline, L.P. Entity name

Nicholas J. Bryan

Applicant Name (type or print legibly)

 Applicant Signature

Sr. Director - E&C Environmental

Official Title

01/12/2021

Date Signed
CERTIFICATION FOR OPERATORS

I understand that I am assuming joint and several 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.

Operator Name (type or print legibly)  Official Title

Operator Signature

Date Signed

Operator Name (type or print legibly)  Official Title

Operator Signature

Date Signed
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES
EROSION AND SEDIMENT CONTROL (E&S) MODULE 1

Applicant: Sunoco Pipeline LP
Project Site Name: 14 Inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation
Surface Water Name(s): Delaware River, Hough's Creek
Surface Water Use(s): WWF, MF

E&S PLAN INFORMATION

1. Describe the existing topographic features of the project site and the immediate surrounding area.

   The existing project site is a suburban residential area that has less than a 5% slope throughout, with the exception of the stream banks to Hough's Creek and the stream banks to the Delaware river.

2. Complete the following table for soils present at the project site.

<table>
<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres</th>
<th>HSG</th>
<th>% of Disturbed Area</th>
<th>Depth (ft)</th>
<th>Hydric</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIA</td>
<td>Alton Gravelly Loam, 0 to 3 percent slopes</td>
<td>3.97</td>
<td>A</td>
<td>80.66%</td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td>Bo</td>
<td>Bowmansville - Knauer's Silt Loams</td>
<td>0.31</td>
<td>C/D</td>
<td>6.37%</td>
<td>5.4</td>
<td>□</td>
</tr>
<tr>
<td>DaA</td>
<td>Delaware Fine Silty Loam, 0 to 3 percent Slopes</td>
<td>0.64</td>
<td>A</td>
<td>12.96%</td>
<td>7.25</td>
<td>□</td>
</tr>
</tbody>
</table>

Discuss any soil limitations and how the E&S Plan was designed to address those limitations.

Flooding & Ponding
Dewater areas of water using pumped water filter bags. In times of high flooding risk or increased rainfall work should stop to avoid flooding risk. In areas where ponding becomes a persistent problem, use mud mats when construction is necessary.

Unstable Excavation Walls
The instability of steep excavation side slopes and walls is anticipated due to the composition of the soils within the project area. Trench boxes and sloping-back of the trench walls will be performed at the discretion of the contractor in accordance with OSHA regulations.

Shallow Depth to Saturated Zone
Excavation shall be dewatered as necessary using pumped water filter bags surrounded by compost filter socks on a flat, vegetated area. The down slope side of the dewatering sites will be located an ample distance from drainage channels to allow for natural filtering of the water by the existing vegetation.

Dust
Disturbed workspace will be minimized and if construction takes place during significant dry periods, heavily traveled areas will be sprinkled with water to dampen the surface. Alternative methods, such as mulching, can be used in certain areas.

If Hydric soils are present, is a wetland determination attached to this module? □ Yes □ No □ N/A

If soils are known to be contaminated, 1) identify the pollutants exceeding Act 2 standards in the space provided below, 2) identify the extent of soil contamination on an E&S Plan Drawing that is attached to this module, and 3) describe the methods that will be used to avoid or minimize disturbance of the contaminated soils in the space provided below.
3. Describe the characteristics of the earth disturbance activity, including the past, present and proposed land uses and the proposed alteration to the project site.

   The past and present land uses of the property are residential in nature and include the installing of the existing pipeline. Earth disturbance activity will be the installing of the relocated section of 14-inch pipeline via trenchless Horizontal directional drilling, with limited traditional trench methods.

4. Describe the volume and rate of runoff from the project site and its upstream watershed area.

   N/A
Check boxes to indicate all BMPs that will be installed or implemented, identify plan numbers for the BMPs, and describe any deviations from the E&S Manual.

<table>
<thead>
<tr>
<th>E&amp;S BMPs</th>
<th>Plan No(s). Identified</th>
<th>Plan No(s). for O&amp;M</th>
<th>Deviation(s) from E&amp;S Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ Rock Construction Entrance</td>
<td>701, 702</td>
<td>705</td>
<td>N/A</td>
</tr>
<tr>
<td>☐ Rock Construction Entrance with Wash Rack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Rumble Pad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Wheel Wash</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Temporary and Permanent Access Roads</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Waterbar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Broad-based Dip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Open-top Culvert</td>
<td></td>
<td></td>
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<tr>
<td>☐ Water Deflector</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>☐ Roadside Ditch</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>☐ Ditch Relief Culvert</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Turnout</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Compost Sock Sediment Trap</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Temporary Stream Crossing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Temporary Wetland Crossing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Turbidity Barrier (Silt Curtain)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Dewatering Work Areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☒ Pumped Water Filter Bag</td>
<td>703</td>
<td>705</td>
<td></td>
</tr>
<tr>
<td>☐ Sump Pit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Waste Management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Concrete Washout</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☒ Compost Filter Sock</td>
<td>702</td>
<td>705</td>
<td>N/A</td>
</tr>
<tr>
<td>☐ Compost Filter Berm</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>☐ Weighted Sediment Filter Tube</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Rock Filter Outlet</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>☐ Silt Fence (Filter Fabric Fence)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Reinforced Silt Fence</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Super Silt Fence (Super Filter Fabric Fence)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E&amp;S BMPs</td>
<td>Plan No(s). Identified</td>
<td>Plan No(s). for O&amp;M</td>
<td>Deviation(s) from E&amp;S Manual</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------------------------</td>
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<td>------------------------------</td>
</tr>
<tr>
<td>Sediment Filter Log (Fiber Log)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Wood Chip Filter Berm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Straw Bale Barrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock Filter</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetative Filter Strip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inlet Filter Bag</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stone Inlet Protection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Runoff Conveyance (Channel)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bench</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top-of-Slope Berm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Temporary Slope Pipe</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Sediment Basin</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Sediment Trap</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Riprap Apron</td>
<td></td>
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<tr>
<td>Flow Transition Mat</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Stilling Basin (Plunge Pool)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Stilling Well</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Energy Dissipater</td>
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<td></td>
<td></td>
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<tr>
<td>Drop Structure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earthen Level Spreader</td>
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<td></td>
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<tr>
<td>Structural Level Spreader</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface Roughening</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetative Stabilization</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Erosion Control Blanket</td>
<td>707</td>
<td>705</td>
<td>N/A</td>
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<tr>
<td>Soil Binders</td>
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<tr>
<td>Sodding</td>
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<tr>
<td>Cellular Confinement Systems</td>
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</tr>
<tr>
<td>Alternative:</td>
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<tr>
<td>Alternative:</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Table 1 – For PAG-01 applicants, complete the requested information for each selected E&S BMP, where applicable.

### Site Access BMPs

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>No.</th>
<th>Length (ft)</th>
<th>Width (ft)</th>
<th>% Slope</th>
<th>Spacing (ft)</th>
<th>Length of Upslope Drainage (ft)</th>
<th>Culvert Diameter (in)</th>
<th>Soil Type in Ditch</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock Construction Entrance (RCE)</td>
<td>5</td>
<td>50</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>#3-1</td>
</tr>
<tr>
<td>RCE with Wash Rack</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Temporary and Permanent Access Roads – Crowned Roadway</td>
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<tr>
<td>Temporary and Permanent Access Roads – Insloped Roadway</td>
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<tr>
<td>Waterbar</td>
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<tr>
<td>Broad-based Dip</td>
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<tr>
<td>Open-top Culvert</td>
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<tr>
<td>Water Deflector</td>
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<tr>
<td>Roadside Ditch</td>
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<tr>
<td>Ditch Relief Culvert</td>
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</tr>
</tbody>
</table>

### Sediment Barriers / Filters

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>DA (ac)</th>
<th>Diameter (in)</th>
<th>Storage Capacity (cf)</th>
<th>Trap Height (in)</th>
<th>% Slope</th>
<th>Slope Length Above Barrier (ft)</th>
<th>Barrier Height (in)</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compost Sock Sediment Trap</td>
<td></td>
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<td>Compost Filter Sock</td>
<td></td>
<td>12</td>
<td></td>
<td>1</td>
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<td>350</td>
<td>12</td>
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<tr>
<td>Compost Filter Berm</td>
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<tr>
<td>Silt Fence (Filter Fabric Fence)</td>
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<tr>
<td>Super Silt Fence</td>
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<td>Sediment Filter Log</td>
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<tr>
<td>Weighted Sediment Filter Tube</td>
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<td>Straw Bale Barrier</td>
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<td>Wood Chip Filter Berm</td>
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<tr>
<td>Toe-of-Slope Berm</td>
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</tr>
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</table>
Table 1 – For PAG-01 applicants, complete the requested information for each selected E&S BMP, where applicable.

### Runoff Conveyance BMPs

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>Temporary</th>
<th>Design Storm</th>
<th>DA (ac)</th>
<th>Multiplier</th>
<th>Qr (cfs)</th>
<th>Q (cfs)</th>
<th>Manning’s n</th>
<th>Va (fps)</th>
<th>V (fps)</th>
<th>D (ft)</th>
<th>d (ft)</th>
<th>Flow Depth Ratio</th>
<th>E&amp;S Manual Figure/Detail No.</th>
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</thead>
<tbody>
<tr>
<td>Vegetated Channel</td>
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<td></td>
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<tr>
<td>Sodded Channel</td>
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<tr>
<td>Riprap Channel</td>
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</tbody>
</table>

### Energy Reduction BMPs

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>Downstream Distance to Drainage Course (ft)</th>
<th>Downstream % Slope</th>
<th>DA (ac)</th>
<th>Discharge (cfs)</th>
<th>Manhole Depth (ft)</th>
<th>Inflow Pipe Diameter (in)</th>
<th>Outlet Pipe Diameter (in)</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level Spreader</td>
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<td></td>
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<tr>
<td>Drop Structure</td>
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</tbody>
</table>

### Stilling Basins / Wells

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>Pipe Diameter (in)</th>
<th>Discharge (cfs)</th>
<th>Well Diameter (in)</th>
<th>Depth of Well Below Invert (ft)</th>
<th>Basin Depth (ft)</th>
<th>Median Riprap Size (in)</th>
<th>Distance from Discharge Pipe to Basin Center (ft)</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stilling Basin</td>
<td></td>
<td></td>
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<tr>
<td>Stilling Well</td>
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</tbody>
</table>

### Other BMPs

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>DA (ac)</th>
<th>Pipe Diameter (in)</th>
<th>Berm Height (in)</th>
<th>Length (ft)</th>
<th>% Slope</th>
<th>Vertical Spacing (ft)</th>
<th>Channel Depth (ft)</th>
<th>Riprap Size</th>
<th>Riprap Thickness (in)</th>
<th>Initial Width (ft)</th>
<th>Terminal Width (ft)</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temporary Slope Pipe</td>
<td></td>
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<td>Bench</td>
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<tr>
<td>Rock Filter</td>
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<tr>
<td>Riprap Apron</td>
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</tbody>
</table>
For selected BMPs not identified in Table 1, report the name of the BMP and the Figure or Detail No. from the E&S Manual that will be used for design and implementation (PAG-01 only).

<table>
<thead>
<tr>
<th>BMP Name</th>
<th>E&amp;S Manual Figure/Detail No.</th>
<th>BMP Name</th>
<th>E&amp;S Manual Figure/Detail No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trench Plug</td>
<td>#13-4</td>
<td></td>
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</tr>
<tr>
<td>Pumped Water Filter Bag</td>
<td>#3-16</td>
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</tbody>
</table>

6. ☒ All applicable Standard E&S Worksheets from Appendix B of the E&S Manual have been completed and are attached.

7. ☐ Other worksheets or calculations equivalent to Appendix B of the E&S Manual have been completed and are attached.

8. Identify the E&S Plan Drawing number(s) that describes the sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities that ensure the proper functioning of all BMPs.

706

9. ☐ Supporting E&S calculations have been completed and are available upon request (PAG-01 only).

10. ☐ Supporting E&S calculations are attached to the NOI/application.


12. ☒ Plan drawings have been developed for the project and are attached to the NOI/application.

13. ☒ BMPs will be inspected on a weekly basis and after measurable storm events (i.e., at least 0.25 inch).

14. Identify the following information relating to temporary stabilization measures on an E&S Plan Drawing and identify the Drawing No. below: 1) vegetative species, 2) % pure live seed, 3) seed application rate, 4) fertilizer type, 5) fertilizer application rate, 6) mulch type, 7) mulching rate, and 8) liming rate.

E&S Plan Drawing No(s.): 704

15. Identify the following information relating to permanent stabilization measures on an E&S Plan Drawing and identify the Drawing No. below: 1) vegetative species, 2) % pure live seed, 3) seed application rate, 4) fertilizer type, 5) fertilizer application rate, 6) mulch type, 7) mulching rate, 8) liming rate, 9) anchor material, 10) anchoring method, 11) rate of anchor material application, 12) topsoil placement depth, and 13) seeding season dates.

E&S Plan Drawing No(s.): 704

16. Describe the procedures that will be taken to ensure that recycling or disposal of materials associated with or from the project site will be conducted properly.

Operator/permittee shall insure that proper mechanisms are in place to control waste materials. Construction wastes include, but are not limited to, excess soil materials, building materials, concrete wash water, sanitary wastes, etc. that could adversely impact water quality. Measures should be planned and implemented for housekeeping, materials management, and litter control. Wherever possible, recycling of excess materials is preferred, rather than disposal. Off-site transport of materials requires that the receiving facility have its own approved, active permit to receive such materials.

Hazardous or pollutant materials, including but not limited to chemicals, fuels, and lubricating oils shall not be stored within 100 feet of a wetland or waterbody according to PADEP.

17. Identify the presence of any naturally occurring geologic formations or soil conditions that may have the potential to cause pollution during earth disturbance activities. If such formations or conditions exist, identify BMPs that will be implemented to avoid or minimize potential pollution.

No naturally occurring geologic formations or soil conditions have been identified that will cause pollution during earth moving disturbance. Typically, the only earth moving will be stripping of topsoil and shallow trenching activities. Major grading is not proposed as a part of this Project.

18. Identify whether the potential exists for thermal impacts to surface waters from the earth disturbance activity. If such potential exists, identify BMPs that will be implemented to avoid, minimize, or mitigate potential thermal impacts.
Thermal Impact Analysis

The linear nature of this pipeline project inherently minimizes thermal impacts. First, some work will take place within an existing, cleared right-of-way. There is minimal clearing for this project and approximately 2500 feet consists of the Delaware River trenchless HDD crossing. Additionally, all disturbed areas will be restored to their original conditions.
19. ☑ The E&S Plan has been planned, designed, and will be implemented to be consistent with the PCSM Plan.

20. If applicable, identify existing and proposed riparian forest buffers on E&S and PCSM Plan Drawings and identify the Drawing No(s) below (select N/A if not applicable).

   E&S Plan Drawing No(s): ☑ N/A
   PCSM Plan Drawing No(s):

---

**E&S PLAN DEVELOPER**

☒ I am trained and experienced in E&S control methods. ☑ I am a licensed professional.

<table>
<thead>
<tr>
<th>Name:</th>
<th>Christopher Antoni</th>
<th>Title:</th>
<th>Sr. Vice President</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>STV Energy Services, Inc.</td>
<td>Phone No.:</td>
<td>610-698-9772</td>
</tr>
<tr>
<td>Address:</td>
<td>205 West Welsh Drive</td>
<td>Email:</td>
<td><a href="mailto:Christopher.Atoni@Stvinc.com">Christopher.Atoni@Stvinc.com</a></td>
</tr>
<tr>
<td>City, State, ZIP:</td>
<td>Douglassville, PA, 19518</td>
<td>License No.:</td>
<td>PE-057385-E</td>
</tr>
<tr>
<td>License Type:</td>
<td>Professional Engineer</td>
<td>Exp. Date:</td>
<td>9/30/2021</td>
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</tbody>
</table>

E&S Plan Developer Signature: [Signature]

Date: 01/14/2021
<table>
<thead>
<tr>
<th>NOI REQUIREMENTS</th>
<th>Check ✓ if Included</th>
<th>Check ✓ if Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. One original and one copy of the complete NOI form (3800-PM-BCW0405b)</td>
<td>x</td>
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</tr>
<tr>
<td>2. Administrative Filing Fee ($500 plus any additional CCD-specific fees, if applicable)</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>3. One copy of the completed NOI form to DEP (if CCD will review NOI)</td>
<td>x</td>
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<tr>
<td>4. Disturbed Acreage Fee ($100 x disturbed acres)</td>
<td>x</td>
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<tr>
<td>5. Two copies of the County Notification Form (3800-FM-BCW0271b)</td>
<td>x</td>
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<tr>
<td>6. Two copies of the Municipal Notification Form (3800-FM-BCW0271c)</td>
<td>x</td>
<td></td>
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<tr>
<td>7. 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)</td>
<td>x</td>
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<tr>
<td>8. One original and one copy of the PNDI Receipt</td>
<td>x</td>
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<tr>
<td>9. Two copies of the PNDI clearance letter(s) from jurisdictional agencies</td>
<td>x</td>
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<tr>
<td>10. One original and one copy of E&amp;S Module 1 (3800-PM-BCW0406a)</td>
<td>x</td>
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<tr>
<td>11. Two copies of E&amp;S Plan Drawings</td>
<td>x</td>
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</tr>
<tr>
<td>12. Two copies of E&amp;S Standard Worksheets (or equivalent) and supporting calculations</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>13. One original and one copy of PCSM Module 2 (3800-PM-BCW0406b)</td>
<td>x</td>
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<tr>
<td>14. Two copies of PCSM Plan Drawings</td>
<td>x</td>
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<tr>
<td>15. Two copies of PCSM Supporting Calculations – BMP Design</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>16. Two copies of PCSM Supporting Calculations – Stormwater Analysis (required where DEP PCSM Spreadsheet not used)</td>
<td>x</td>
<td></td>
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<tr>
<td>17. Two copies of the DEP PCSM Spreadsheet – Volume Worksheet (optional)</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>18. Two copies of the DEP PCSM Spreadsheet – Rate Worksheet (optional)</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>19. Two copies of the DEP PCSM Spreadsheet – Quality Worksheet</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>20. Two copies of soil/geologic test results (where BMPs relying on infiltration will be installed)</td>
<td>x</td>
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</tr>
<tr>
<td>21. Other: Municipal and County Act 14 Letters with Receipts</td>
<td>x</td>
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</tbody>
</table>
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 NOI type.

<table>
<thead>
<tr>
<th>NOI Type</th>
<th>Where CCD is the initial recipient</th>
<th>Where DEP is the recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Submit to CCD:</td>
<td>Submit to DEP:</td>
</tr>
<tr>
<td>New</td>
<td>Items 1, 2, and 4-25 (as applicable).</td>
<td></td>
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<tr>
<td>Renewal ⁶</td>
<td>Items 1 and 2, and a letter indicating that the previously approved E&amp;S and PCSM Plans have not been revised and explaining what work has been completed and what work remains on the project site.</td>
<td></td>
</tr>
<tr>
<td>Major Amendment ⁶</td>
<td>Items 1, 2, 3-9 (only for new earth disturbance), 10-12 (where applicable, only for revisions to the E&amp;S Plan), 13-20 (where applicable, only for revisions to the PCSM Plan), and 21 (only where applicable). New or updated information must be bold/highlighted.</td>
<td>Item 3.</td>
</tr>
<tr>
<td>Minor Amendment ⁶</td>
<td>Items 1, 3-9 (only for new earth disturbance), 10-12 (where applicable, only for revisions to the E&amp;S Plan), 13-20 (where applicable, only for revisions to the PCSM Plan), and 21 (only where applicable). New or updated information must be bold/highlighted.</td>
<td></td>
</tr>
</tbody>
</table>

2. Applicants may submit the completed County and Municipal Notification Forms with the NOI 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 NOIs and are required for major and minor amendment NOIs only if new earth disturbance is proposed.

3. 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 NOI review period. DEP/CCD will not authorize coverage under the general permit prior to the receipt of such letters, if applicable. PNDI receipts are not required for renewal NOIs and are required for major and minor amendment NOIs only if new earth disturbance is proposed.

4. 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.

5. 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 RRPCO will take responsibility for the review.

6. Renewal NOIs must use form 3800-PM-BCW0405b (the General Information, Eligibility Information, Compliance History, and Certification for PAG-02 Applicants must be completed at a minimum). For major and minor amendment NOIs, previously submitted forms and attachments may be used, with updated information, and submitted if the original application was not submitted using form 3800-PM-BCW0405b. If form 3800-PM-BCW0405b is used for a major amendment, the form must be completed in its entirety. If form 3800-PM-BCW0405b is used for a minor amendment, the General Information, Eligibility Information, Compliance History, and Certification for PAG-02 Applicants must be completed at a minimum.
1. PROJECT INFORMATION

Project Name: Jacobs Creek Pipeline Replacement
Date of Review: 5/22/2019 10:11:39 AM
Project Category: Energy Storage, Production, and Transfer, Energy Transfer, Pipeline (e.g., gas, oil) -- NEW (construction of new line in a new location)
Project Area: 9.93 acres
County(s): Bucks
Township/Municipality(s): UPPER MAKEFIELD
ZIP Code: 18977
Quadrangle Name(s): PENNINGTON
Watersheds HUC 8: Middle Delaware-Musconetcong
Watersheds HUC 12: Buck Creek-Delaware River; Jacobs Creek-Delaware River
Decimal Degrees: 40.277867, -74.856544
Degrees Minutes Seconds: 40° 16’ 40.3210” N, 74° 51’ 23.5590” W

2. SEARCH RESULTS

<table>
<thead>
<tr>
<th>Agency</th>
<th>Results</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA Game Commission</td>
<td>No Known Impact</td>
<td>No Further Review Required</td>
</tr>
<tr>
<td>PA Department of Conservation and Natural Resources</td>
<td>No Known Impact</td>
<td>No Further Review Required</td>
</tr>
<tr>
<td>PA Fish and Boat Commission</td>
<td>Potential Impact</td>
<td>FURTHER REVIEW IS REQUIRED, See Agency Response</td>
</tr>
<tr>
<td>U.S. Fish and Wildlife Service</td>
<td>No Known Impact</td>
<td>No Further Review Required</td>
</tr>
</tbody>
</table>

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.
Jacobs Creek Pipeline Replacement

☐ Project Boundary
☐ Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Jacobs Creek Pipeline Replacement
RESPONSE TO QUESTION(S) ASKED

Q1: Accurately describe what is known about wetland presence in the project area or on the land parcel. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands has investigated the site, and determined that NO wetlands are located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q2: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: No forests, woodlots or trees will be affected by the project.

Q3: Aquatic habitat (stream, river, lake, pond, etc.) is located on or adjacent to the subject property and project activities (including discharge) may occur within 300 feet of these habitats?

Your answer is: Yes

Q4: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are valid for two years (from the date of the review), and are based on the project information that was provided, including the exact project location, the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies strongly advise against conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:
No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:
No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:
Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).
PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitive Species**</td>
<td></td>
<td>Endangered</td>
</tr>
<tr>
<td>Sensitive Species**</td>
<td></td>
<td>Endangered</td>
</tr>
<tr>
<td>Sensitive Species**</td>
<td></td>
<td>Endangered</td>
</tr>
<tr>
<td>Sensitive Species**</td>
<td></td>
<td>Threatened</td>
</tr>
</tbody>
</table>

U.S. Fish and Wildlife Service

RESPONSE:
No impacts to federally listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email* the following information to the agency(s). Instructions for uploading project materials can be found here. This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION).

*Note: U.S.Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.
___ A map with the project boundary and/or a basic site plan(particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following
___ SIGN copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)
___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.
4. DEP INFORMATION
The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP’s permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at https://conservationexplorer.dcnr.pa.gov/content/resources.
5. ADDITIONAL INFORMATION
The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION
PA Department of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17110-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission
Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service
Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
NO Faxes Please

PA Game Commission
Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION
Name: James McBride
Company/Business Name:
Address: 205 West Wart Rd., Bellefonte, PA 16823
City, State, Zip: Bellefonte, PA 16823
Phone: (664) 655-7654
Fax: 
Email: jmc@eagleonline.com

8. CERTIFICATION
I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

[Signature]
Date: 6/5/19
applicant/project proponent signature
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES
POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) MODULE 2

Applicant: Sunoco Pipeline LP
Project Site Name: 14-Inch Twin Oaks to Newark Pipeline
Relocation Project Jacobs Creek
Surface Water Name(s): Delaware River, Hough's Creek
Surface Water Use(s): WWF, MF

**PCSM PLAN INFORMATION**

1. Identify all structural and non-structural PCSM BMPs that have been selected and provide the information requested.

<table>
<thead>
<tr>
<th>Discharge Point(s)</th>
<th>BMP ID</th>
<th>BMP Name</th>
<th>BMP Manual</th>
<th>Latitude</th>
<th>Longitude</th>
<th>DA Treated (ac)</th>
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Undetained Areas: acre(s)

- The Project Qualifies as a Site Restoration Project (25 Pa. Code §102.8(n))

2. Describe the sequence of PCSM BMP implementation in relation to earth disturbance activities and a schedule of inspections for the critical stages of PCSM BMP installation.
   1. Topsoil will be graded back to original location and the site will be returned to existing conditions.
   2. All disturbed areas shall be returned to existing grade, permanently seeded and mulched. See permanent seeding details for typical permanent seeding and wetland seed mix.
   3. Install erosion control matting as shown on the plans.
4. Upon stabilization, remove perimeter compost filter and all other erosion control measures.

5. Remove exclusion fencing.

6. Permanently seed and mulch all remaining areas disturbed while removing BMPs.

7. All temporary Rock Construction Entrances (PA) and Stabilized Construction Accesses (NJ) shall be removed and immediately permanently seeded and mulched.

3. ☒ Plan drawings have been developed for the project and will be available on-site.

4. ☒ Plan drawings have been developed for the project and are attached to the NOI/application.

5. ☒ Recycling and proper disposal of materials associated with PCSM BMPs are addressed as part of long-term operation and maintenance of the PCSM BMPs.

6. Identify naturally occurring geologic formations or soil conditions that may have the potential to cause pollution after earth disturbance activities are completed and PCSM BMPs are operational and the applicant’s plan to avoid or minimize potential pollution and its impacts.

   No naturally occurring geologic formations or soil conditions have been identified that will cause pollution during earth moving disturbance. Typically, the only earth moving will be stripping of topsoil and shallow trenching activities. Major grading is not proposed as a part of this Project.

7. Identify whether the potential exists for thermal impacts to surface waters from post-construction stormwater. If such potential exists, identify BMPs that will be implemented to avoid, minimize, or mitigate potential thermal impacts.

   The linear nature of this pipeline project inherently minimizes thermal impacts. First, some work will take place within an existing, cleared right-of-way. There is minimal clearing for this project and approximately 2500 feet consists of the Delaware River trenchless HDD crossing. Additionally, all disturbed areas will be restored to their original conditions.

8. ☒ The PCSM Plan has been planned, designed, and will be implemented to be consistent with the E&S Plan.

9. ☒ A pre-development site characterization has been performed.
STORMWATER ANALYSIS – RUNOFF VOLUME

Surface Water Name: Delaware River, Hough's Creek
Discharge Point(s): 0

1. ☐ The design standard is based on volume management requirements in an Act 167 Plan approved by DEP within the past five years.
2. ☐ The design standard is based on managing the net change for storms up to and including the 2-year/24-hour storm.
3. ☐ An alternative design standard is being used.
4. ☐ A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.
5. 2-Year/24-Hour Storm Event: inches Source of precipitation data:

6. Stormwater Runoff Volume, Pre-Construction Conditions: CF ☐ Calculations attached
7. Stormwater Runoff Volume, Post-Construction Conditions: CF ☐ Calculations attached
8. Net Change (Post-Construction – Pre-Construction Volumes): CF
9. Identify all selected structural PCSM BMPs and provide the information requested. ☐ Calculations attached

<table>
<thead>
<tr>
<th>DP No.</th>
<th>BMP ID</th>
<th>Series</th>
<th>Vol. Routed to BMP (CF)</th>
<th>Inf. Area (SF)</th>
<th>Inf. Rate (in/hr)</th>
<th>Inf. Period (hrs)</th>
<th>Veg?</th>
<th>Media Depth (ft)</th>
<th>Storage Vol. (CF)</th>
<th>Inf. Credit (CF)</th>
<th>ET Credit (CF)</th>
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Total Infiltration & ET Credits (CF):

Non-Structural BMP Volume Credits (CF) (Attach Calculations):

Managed Release Credits (CF) (Attach MRC Design Summary):

Volume Required to Reduce/Manage (CF):

Total Credits (CF):

- 3 -
## INFILTRATION INFORMATION

<p>| | |</p>
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<tbody>
<tr>
<td>BMP ID:</td>
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<tr>
<td>![Check Box]</td>
<td>Soil/geologic test results are attached.</td>
</tr>
</tbody>
</table>

1. No. of infiltration tests completed:

2. Method(s) used for infiltration testing:

3. Test Pit Identifiers (from PCSM Plan Drawings):

4. Avg Infiltration Rate: [in/hr] 5. FOS: 1

6. Infiltration rate used for design: [in/hr]

7. Separation distance between the BMP bottom and bedrock: [feet]

8. Separation distance between the BMP bottom and seasonal high-water table: [feet]

9. Comments:

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<tr>
<td>BMP ID:</td>
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<tr>
<td>![Check Box]</td>
<td>Soil/geologic test results are attached.</td>
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</table>

1. No. of infiltration tests completed:

2. Method(s) used for infiltration testing:

3. Test Pit Identifiers (from PCSM Plan Drawings):

4. Avg Infiltration Rate: [in/hr] 5. FOS: 1

6. Infiltration Rate Used for Design: [in/hr]

7. Separation distance between the BMP bottom and bedrock: [feet]

8. Separation distance between the BMP bottom and seasonal high-water table: [feet]

9. Comments:
STORMWATER ANALYSIS – PEAK RATE

Surface Water Name:  

1.  □ The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.

2.  □ The design standard is based on managing the net change for 2-, 10-, 50-, and 100-year/24-hour storms.

3.  □ An alternative design standard is being used.

4.  □ A printout of DEP’s PCSM Spreadsheet – Rate Worksheet is attached.

5.  □ Alternative rate calculations are attached.

6. Identify precipitation amounts.  Source of precipitation data:

   2-Year/24-Hour Storm:
   10-Year/24-Hour Storm

   50-Year/24-Hour Storm:
   100-Year/24-Hour Storm

7. Report peak discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.

<table>
<thead>
<tr>
<th>Design Storm</th>
<th>Pre-Construction Peak Rate (cfs)</th>
<th>Post-Construction Peak Rate (cfs)</th>
<th>Difference (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Year/24-Hour</td>
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<td>10-Year/24-Hour</td>
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<td>50-Year/24-Hour</td>
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<td>100-Year/24-Hour</td>
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</table>

8. Identify all BMPs used to mitigate peak rate differences and provide the requested information.

<table>
<thead>
<tr>
<th>BMP ID</th>
<th>Inflow to BMP (cfs)</th>
<th>Outflow from BMP (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-Yr</td>
<td>10-Yr</td>
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</tbody>
</table>

9. Report peak rates for pre-construction and post-construction with BMPs and identify the differences.

<table>
<thead>
<tr>
<th>Design Storm</th>
<th>Pre-Construction Peak Rate (cfs)</th>
<th>Post-Construction Peak Rate (with BMPs) (cfs)</th>
<th>Difference (cfs)</th>
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<tbody>
<tr>
<td>2-Year/24-Hour</td>
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<td>100-Year/24-Hour</td>
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</table>
STORMWATER ANALYSIS – WATER QUALITY

☐ A printout of DEP’s PCSM Spreadsheet – Quality Worksheet is attached for all surface waters receiving discharges.

LONG-TERM O&M

Describe the long-term operation and maintenance (O&M) requirements for each selected PCSM BMP.

<table>
<thead>
<tr>
<th>BMP ID</th>
<th>O&amp;M Requirements</th>
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<tbody>
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PCSM PLAN DEVELOPER

☒ I am trained and experienced in PCSM methods. ☑ I am a licensed professional.

Name: Christopher Antoni
Company: STV Energy Services, Inc.
Address: 205 West Welsh Drive
City, State, ZIP: Douglassville, PA 19518
License Type: Professional Engineer
Title: Sr. Vice President
Phone No.: 610-698-9772
Email: Christopher.Atoni@Stvinc.com
License No.: PE-057385-E
Exp. Date: 9/30/2021

PCSM Plan Developer Signature: [Signature]
Date: 01/14/2021
Bucks County Conservation District

1456 Ferry Road, Suite 704
Doylestown, PA 18901-5550
P (215) 345-7577 F (215) 345-7584

In Pursuit of Environmental Excellence

APPLICATION FOR CHAPTER 102 and/or NPDES REVIEW INFORMATION FORM

This form must be completed and submitted along with the required plans and fees for first time E&S reviews and resubmissions. Please see page 2 for instructions regarding the number of copies required for various submissions.

Application Type:
- NEW PLAN
- RESUBMISSION
- CORRECTIVE ACTION PLAN
- ADMINISTRATIVE INCOMPLETE ($250.00 FEE)
- NPDES MINOR AMENDMENT ($250.00 FEE)
- 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation

Project Municipality: Upper Makefield Township
Project Name: 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation
Project Address: 106 Oakdale Ave, Washington Crossing, PA 18977-1430

TOTAL ACREAGE: 4.902 ACRES TO BE DISTURBED: 4.902
Watershed: Delaware River Basin Receiving Stream: Delaware River, Hough's Creek Stream Classification: WWF, MF

Applicant Information:
- Applicant Name: Colleen Armstrong
- Applicant Company: Sunoco Pipeline LP
- Address: 100 Green St
- City/State/Zip: Marcus Hook, PA, 19061-4800
- Phone: 215-205-8199 Ext:
- Email: Colleen.Armstrong@EnergyTransfer.com

Submitted By:
- Engineering Firm/Plan Designer
- Contractor
- Landowner
- Municipality

E&S Fee Exemptions and Exceptions:
- County Agencies
- Volunteer Fire Stations/ Ambulance Services
- Co-op Farmer, #
- Municipalities/Public Schools (1/2 fee)

**FEE SCHEDULE FOR E&S REVIEWS (BASED ON DISTURBED ACRES ONLY)**

- SINGLE FAMILY HOME (1 RESIDENCE) WITH UNDER 1 ACRE OF DISTURBANCE = $200.00
- ALL OTHER EARTH DISTURBANCE:
  - 0.0296 to 0.99 acres = $650.00
  - 1.0 to 1.99 acres = $1,350.00
  - 2.0 to 4.99 acres = $2,000.00
  - 5.0 to 9.99 acres = $3,000.00
  - 10.0 to 19.99 acres = $5,000.00
  - 20+ acres = $6,000.00 +

Additional $100.00 per acre for each acre over 20 (Fractions of an acre are rounded up to the next whole acre.)

PLEASE SUBMIT FOLDED PLANS TO THE DISTRICT. ROLLED PLANS WILL NOT BE ACCEPTED.

BCCD USE ONLY BEYOND THIS POINT

ENTRY # 8252988
E&S Fee Rec’d $ 2000.00 CHECK# 118430
EXPEDITED FEES $
NPDES FEE $ 500.00 CHECK# 118389

DATE SENT BACK 500.51 CHECK# 118431
DEP CFW Fee $ CAP/ADMIN/M A Fee $ NPDES # Assigned PACO 90431

7/1/2019 PLEASE READ ALL INSTRUCTIONS ON PAGE 2 OF APPLICATION
June 12, 2019

STV, Inc.
James McGinley
205 W. Welsh Drive
Douglassville, Pennsylvania 19518

RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species
PNDI Search No. 683917_1
Jacobs Creek Pipeline Replacement
BUCKS County: Upper Makefield Township

Dear James McGinley:

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search “potential conflict” or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish & Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the PNDI database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish & Boat Code (Chapter 75), or the Wildlife Code.

Eastern Redbelly Turtle (Pseudemys rubriventris, PA threatened)

Based on the review of this information and the proximity of the project to known element occurrences of the Eastern Redbelly Turtle (Delaware River and Delaware Canal), nesting areas for the redbelly turtle could be present within the proposed disturbance area. Therefore, I recommended that no construction be conducted during the redbelly turtle nesting and hatching season, May 15th to October 15th.

Provided this stipulation is met, I do not foresee any adverse impacts to the Eastern Redbelly Turtle from the proposed project. Should the above timing restriction not be feasible, conservation measures may be necessary to avoid impacts, therefore consultation should be reinitiated.

This response represents the most up-to-date summary of the PNDI data and our files and is valid for two (2) years from the date of this letter. An absence of recorded species information does not necessarily imply species absence.

Our Mission: www.fish.state.pa.us
To protect, conserve and enhance the Commonwealth’s aquatic resources and provide fishing and boating opportunities.
Our data files and the PNDI system are continuously being updated with species occurrence information. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered, and consultation shall be re-initiated.

If you have any questions regarding this review, please contact Greg Lech at 610-847-8772 and refer to the SIR # 51347. Thank you for your cooperation and attention to this important matter of species conservation and habitat protection.

Sincerely,

[Signature]

Greg Lech
Natural Gas Section

GPL/dn
<table>
<thead>
<tr>
<th>Received Date</th>
<th>Permit Number</th>
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<th>Regulating Agency</th>
<th>Brief Summary of Claim</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/25/2020 7:00</td>
<td></td>
<td>Bartol Compressor Station</td>
<td>PA DPH</td>
<td>Notice of Violation</td>
<td>Resolved</td>
</tr>
<tr>
<td>3/10/2020 15:00</td>
<td></td>
<td>Taylor Compressor Station</td>
<td>PA DPH</td>
<td>PA DPH NFO for fail event from Master Incident 2/397</td>
<td>Resolved</td>
</tr>
<tr>
<td>2/27/2020 15:00</td>
<td></td>
<td>Marcus Hook Industrial Complex</td>
<td>PA DPH</td>
<td>RAY for converting the Desalter to a Desludger without submitting a minor operating permit modification. 2/27/2020.</td>
<td>Resolved</td>
</tr>
<tr>
<td>2/27/2020 23:00</td>
<td></td>
<td>Marcus Hook Industrial Complex</td>
<td>PA DPH</td>
<td>Notice of Violation for Tank 353 corrosion protection being out of range.</td>
<td>Resolved</td>
</tr>
<tr>
<td>3/19/2020 9:00</td>
<td></td>
<td>Marcus Hook Industrial Complex</td>
<td>PA DPH</td>
<td>On February 19 and 20, 2020, PA/DEP inspected select air emissions sources at MHIC. Following the inspection, the Inspector reviewed additional records, Information, and reports, and completed her report on March 5, 2020. The DEP documented the following violations for the C 5 Truck Rack, H-S Truck Rack, Wastewater Conveyance, Diesel Engine 38, and V-39 Carbon Carriers.</td>
<td>Investigation</td>
</tr>
<tr>
<td>4/7/2020 23:00</td>
<td></td>
<td>Marcus Hook Industrial Complex</td>
<td>PA DPH</td>
<td>Notice of Violation for revised RCP samples on February 22nd and 23rd, 2020.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/18/2020 7:00</td>
<td>E34-136</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 55-gallon IR in a wetland (WL-159) in Lack Township, Juniata County associated with HOD-PA-CU-0200-0000-WL-159, aka. Old Mill Road HOD. On 5/18/20, the Juniata CCDO conducted an inspection of the Site and documented that the IR discharged into a wetland, a water of the Commonwealth. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>2/28/2020 7:00</td>
<td>E34-459</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 5-gallon IR of drilling fluids w/ an unnamed Tributary to Locust Creek (S-41) in Lower Franklin TS, Cumberland County associated with HOD-PA-CU-0200-0000-WL-41, aka. Graham Creek HOD. On 2/28/20, the Cumberland CCDO conducted an inspection of the Site and documented that the IR occurred w/in an UNT to Locust Creek (warm water fishery), a water of the Commonwealth. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/23/2020 7:00</td>
<td>E34-136</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 75-gallon IR of drilling fluids w/ the LDD to an upland area that migrated outside of the LDD and into Tuscarora Creek (S-140) in Lack Township, Juniata County associated with HOD-PA-CU-0200-0000-WL-140, aka. Old Mill Road HOD. On 5/20/20, the Juniata CCDO conducted an inspection of the Site and documented that the IR discharged into Tuscarora Creek (S-140), a water of the Commonwealth. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/26/2020 7:00</td>
<td>E34-459</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 5-gallon IR of drilling fluids w/ an unnamed Tributary to Letart Spring Run in Middlesex TS, Cumberland County associated with HOD-PA-CU-0200-0000-WL-140, aka. Letart Spring Run. On 5/22/20, the Dept conducted an inspection of the Site and documented that the IR occurred w/in a wetland, a water of the Commonwealth that is classified as a High-Quality Cold Water Fishery/Wild Trout Stream. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/3/2020 7:00</td>
<td>E34-459</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 30-gallon IR of drilling fluids that surfaced in uplands but flowed into a wetland (WL 130) in Middlesex TS, Cumberland County associated with HOD-PA-CU-0200-0000-WL-130, aka. Letart Springs Run. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/16/2020 7:00</td>
<td>E34-459</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 3/27/20, the DEP received notice from Sonoco Pipeline, LP of an approximate 15-gallon IR of drilling fluids that surfaced in uplands but flowed into a wetland (WL 131) in Middlesex TS, Cumberland County associated with HOD-PA-CU-0200-0000-WL-131, aka. Letart Springs Run. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth is a violation.</td>
<td>Investigation</td>
</tr>
<tr>
<td>5/28/2020 6:00</td>
<td>E34-459</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 2/27/2018, 12:00:00 AM - On 2/27/2018, the DEP rec'd notice of an IR of 100 gallons of drilling fluids into Stream S-411 (an unnamed tributary to Locust Creek) and wetland J35 in Lower Franklin TS, Cumberland County. On 2/27/2018, the Dept conducted an inspection of the Site and documented that the IR occurred w/in the stream S-411 (an unnamed tributary to Locust Creek, a warm water fishery), and wetland J35, waters of the Commonwealth. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth w/o a permit is a violation. 2/27/2018: 5/28/20: punch-out. The permit on the DEP website is not the permit in question.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/15/2020 6:00</td>
<td>E34-194</td>
<td>Mainer East 2 Construction Project</td>
<td>PA DPH</td>
<td>On 6/15/2018, 12:00:00 AM - Drilling resumed on 3/11/2018. On 3/15/18, the DEP rec'd notice from Sonoco Pipeline, LP of an IR of drilling fluids in Snitz Creek located in West Cornwall TS, Leb County. On 3/15/18, the Dept conducted an inspection of the Site and documented that the IR occurred w/in Snitz Creek, a water of the Commonwealth (Troll Stocking, Migratory Fishes). The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth w/o a permit is a violation. 2/27/2018: 5/28/20: punch-out.</td>
<td>Resolved</td>
</tr>
</tbody>
</table>
| 5/16/2020 6:00| E34-459       | Mainer East 2 Construction Project| PA DPH             | On 3/15/2018, the Blair CCD conducted an inspection of the Site and documented that the IR occurred w/in wetlands (Wetland 154), which are waters of the Commonwealth. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth w/o a permit is a violation. | Underway-Pilot notification to start given 5/20/20
<table>
<thead>
<tr>
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<tr>
<td>3/19/2018 6:00</td>
<td>607-459</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>HDD abandoned for Direct Pipe Method following submission of a Minor Mod. 4/22/2018</td>
<td>Resolved</td>
</tr>
<tr>
<td>3/26/2018 6:00</td>
<td>631-234</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>At 12:00 AM on 3/23/18, the DEP received notice from Sunoco Pipeline, L.P. of an oil spill of less than one gallon of drilling fluids in Wetland K69 located in Shirley T5, Huntington County. On 3/23/18, the DEP conducted an inspection of the site and documented that the spill occurred within Wetland K69, a water of the Commonwealth. The drilling fluids that comprised the spill constituted industrial waste. The discharge of industrial waste to waters of the Commonwealth without a permit is a violation. The DEP did not authorize any PIs at the site by permit or other authorization.</td>
<td>Resolved</td>
</tr>
<tr>
<td>3/30/2020 0:00</td>
<td>650-250</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>At 12:00 AM on 3/29/18, the DEP received notice from Sunoco Pipeline, L.P. of an oil spill of less than one gallon of drilling fluids within Wetland L1 in Tolboro Township, Perry County, associated with Horizontal Directional Drill No. PA-PE-0002.0000-RD. On March 29, 2018, the DEP conducted an inspection of the site and documented that the spill occurred within wetlands (Wetland L1), which are waters of the Commonwealth. The drilling fluids that comprised the spill constituted industrial waste. The discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Final tie-in 16&quot; complete. 16&quot; Line mechanically complete from SR 75 east on Spread 3.</td>
<td>Resolved</td>
</tr>
<tr>
<td>4/10/2018 6:00</td>
<td>607-459</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Restart approval received on 5/25/2018.</td>
<td>Resolved</td>
</tr>
<tr>
<td>4/20/2018 6:00</td>
<td>638-194</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>At 12:00 AM on 4/20/18, the DEP received notice from Sunoco Pipeline, L.P. of a 20 gallon oil spill of drilling fluids in Snitz Creek located in West Cornwall T5, Lebanon County. On 4/20/18, the LCCO conducted an inspection of the site and documented that the spill occurred within Snitz Creek, a water of the Commonwealth (Trout stocking, Migratory Fishes). The drilling fluids that comprised the spill constituted industrial waste. The discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Underway - Pilot notification to start given 5/20/20</td>
<td>Resolved</td>
</tr>
<tr>
<td>5/3/2018 6:00</td>
<td>623-524</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>(L) were contained and cleaned up on the dates they occurred (4/18/18, 4/19/18 (emerged with containment)), and 4/20/18. Restoration of this area was completed on 10/19/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>Received Date</td>
<td>Permit Number</td>
<td>Facility Description</td>
<td>Regulating Agency</td>
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<tr>
<td>5/15/2018 6:00</td>
<td>E11-352</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>1/7/2019 restoration - On 5/18/17, the DEP receive notice from Sunoco Pipeline, LP of an IR of drilling fluids into an unnamed tributary to Hickston Run located in Jackson TS, Cambria County associated w/ HDP PA-CA-0012:0000.RD. SLPF reported that an unknown quantity of drilling fluids were suspended in the stream channel for approximately 700 ft. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Initial 10 Day 10/30/17. Reissue 02/23/18. HDO Offer 03/08/18. Notice of IR 03/09/18. Loss of Circulation 03/07/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/24/20</td>
<td>E63-674</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>3/2/2014 12:02:00 AM - On 3/14/18, the DEP receive notice from Sunoco Pipeline, LP of an IR of drilling fluids into stream S130 located in Nottingham TS, Washington County associated w/ HDO PA-WA-0112:0000.RD. SLPF reported that the IR lasted for 16 hrs at a release rate of approx. 32,000 gpm, resulting in a total release of 4 gallons. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/2/2018 6:00</td>
<td>E38-194</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/21/2018 12:00:00 AM - On 6/1/18, the DEP receive notice from Sunoco Pipeline, LP of a 2-quart IR of drilling fluids in S12 Creek located in West Cornwall TS, Lebanon County associated w/ HDO PA-LH-0112:0000.RD. On 6/1/18, the Dept conducted an inspection of the site and documented that the IR occurred w/in S12 Creek, a water of the Commonwealth (Trout Stocking, Migratory Fishes). A copy of the Department's inspection report has been enclosed for your reference. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation. Underway - Pilot notification to start given 5/20/20</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/11/2018 6:00</td>
<td>E38-194</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/21/2018 12:00:00 AM - On 6/20/18, the Dept received notice from Sunoco Pipeline, LP of a 1-quart IR of drilling fluids in S12 Creek located in West Cornwall Township, Lebanon County associated with (Horizontal Direction Drill PA-LH-0112:0000.RD). On 6/18/18, the Dept conducted an inspection of the site and documented that the IR occurred w/in the S12 Creek, a water of the Commonwealth (Trout Stocking, Migratory Fishes). A copy of the Department's inspection report has been enclosed for your reference. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation. Underway - Pilot notification to start given 5/20/20</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/6/2018 6:00</td>
<td>E355-254</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>6/10/2018 12:00:00 AM - On 6/10/18, the DEP received notice from Sunoco Pipeline, LP of an incident occurring at the S3-0620 Glen Ride Hilltop Drilling Site PA-DE-0112:0000.RD located in Middletown TS, Delaware County. The notice involved a 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 5-12. The breach occurred due to the failure of a pump in the containment area. The drilling fluids that breached containment structure 5-12 constitute &quot;Industrial Waste&quot;. The unauthorized discharge of Industrial Waste to waters of the Commonwealth is a violation. Brief notification report will be submitted.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/14/2018 6:00</td>
<td>E355-254</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>6/10/2018 12:00:00 AM - On 6/20/18, the DEP received notice from Sunoco Pipeline, LP of an incident occurring at the S3-0620 Glen Ride Hilltop Drilling Site PA-DE-0112:0000.RD located in Middletown TS, Delaware County. The notice involved a 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 5-12. The breach occurred due to the failure of a pump in the containment area. The drilling fluids that breached containment structure 5-12 constitute &quot;Industrial Waste&quot;. The unauthorized discharge of Industrial Waste to waters of the Commonwealth is a violation. Brief notification report will be submitted.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/15/2018 6:00</td>
<td>E327-419</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>7/9/2018 12:00:00 AM - On 6/15/18, the DEP receive notice from Sunoco Pipeline, LP of an IR of approximately 200-300 gallons of drilling fluids w/in Westland 8B-5E in Blair TS, Blair County, Associated w/HDO PA-RI-0112:0000.RD. On 6/15/18 the DEP received an inspection of the site and documented that the IR occurred w/in Westland 8B-5E, which are waters of the Commonwealth. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation. Suspended - IR (notification for pipe plugging) made on 5/12/20</td>
<td>Resolved</td>
</tr>
<tr>
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<tr>
<td>6/26/2018 6:00</td>
<td>E50-973</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>5/17/2019 1830: On 6/18/18, the DEP received notice from Sunoco Pipeline, LP of an IR of drilling fluids into stream S-172 located in Sewickley Twp., Westmoreland County associated with HDD PA-WM3-00000-000-00. SP2 reported that approximately 50 gallons of drilling fluids were released and impacted 530 ft of stream S-172. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/25/2018 0:00</td>
<td>E11-352</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>6/25/2018 12:00:00 AM: On 6/23/18, the DEP received notice from Sunoco Pipeline, LP of an IR of drilling fluids into Hickston Run and Wetland W-N24 in Jackson Twp., Cambria County associated with HDD PA-WM3-0005-000-000-00. SP2 reported that approximately 1,500 gallons of drilling fluids were released and impacted Hickston Run and Wetland W-N24. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. DEP approval on Reevaluation Report Received 6/29/18. Major Mod to eliminate HDD plan to Open Cut and Approve Anticipate 7/19.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/28/2018 6:00</td>
<td>E38-104</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/21/2018 12:00:00 AM: On 6/27/18, the DEP received notice from Sunoco Pipeline, LP of an approximate 5-gallon IR of drilling fluids in Sntz Creek located in West Cornwall Twp., Lebanon County associated with HDD PA-WM3-0005-000-000-00. Sp2 reported that approximately 5,000 gallons of drilling fluids were released and impacted Sntz Creek. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Underwater Pilot Notification to start 5/20/19.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/28/2018 6:00</td>
<td>E09-701</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>7/31/2019 12:00:00 AM: On 6/27/18, the DEP received notice from Sunoco Pipeline, LP of an unquantified, but reportedly small, volume IR of drilling fluids to the East Branch Conestoga River located in Conestoga Twp., Berks County associated with HDD PA-WM3-00000-000-000-00. Sp2 reported that approximately 1,500 gallons of drilling fluids were released and impacted EBR. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Underwater Pilot Notification to start 5/20/19.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6/29/2018 0:00</td>
<td>E55-674</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>5/25/2018 12:00:00 AM: On 5/25/18, the DEP received notice from Sunoco Pipeline, LP of an IR of drilling fluids into stream S120 located in Venango Twp., Venango County associated with HDD PA-WM3-00000-000-000-00. Sp2 reported that approximately 1,500 gallons of drilling fluids were released and impacted S120. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Underwater Pilot Notification to start 5/20/19.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7/19/2018 6:00</td>
<td>E31-449</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/1/2018 12:00:00 AM: On 7/7/18, the DEP received notice from Sunoco Pipeline, LP of an IR of drilling fluids to wetland I22 located in Middlesex Twp., Cumberland County associated with HDD PA-WM3-00000-000-000-00. Sp2 reported that approximately 1,500 gallons of drilling fluids were released and impacted I22. The drilling fluids constitute industrial waste, and the discharge of industrial waste to waters of the Commonwealth without a permit is a violation. Underwater Pilot Notification to start 5/20/19. Notice of LOR 5/27/19. Notice of IR 5/27/19. Notice of IR 5/27/19.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7/16/2018 6:00</td>
<td>E50-973</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>7/30/2018 with completion of anomaly repair. No drilling was occurring when this instance occurred.</td>
<td>Resolved</td>
</tr>
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<tr>
<td>7/18/2018 23:00</td>
<td>623-524</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>It was contained and cleaned up on 7/14/18. Currently waiting on soil approval from PADEP to complete restoration of wetland W1-01.</td>
<td>Restoration Pending</td>
</tr>
<tr>
<td>7/23/2018 23:00</td>
<td>6501940001S001</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Stream impact ended on 7/22/2018. 7/25/2018 17:00:00 PM recovery of the turbid water from the spring house was completed.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7/25/2018 0:00</td>
<td>621-649</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>7/24/2018 12:00:00 AM On 7/25/2018, the DEP received notice from Sunoco Pipeline LP of an approximate 5-gal spill. The spill flowed into wetland 132 located in Middlesex T5, Cumberland County associated with HDD PA-CU-0136.0002-WX, aka. Letts11 Spring Run HDD. On 7/25/18, the DEP conducted an inspection of the Site and documented that the IR discharged into wetland 132, a water of the Commonwealth that is classified as Exceptional. As it lies in the Roadmap of Letts11 Spring Run (a High Quality Cold Water Fishery/Wild Trout stream). The drilling fluid that comprised the IR consisted of Industrial (Waste). The discharge of Industrial Waste to waters of the Commonwealth without a permit is a violation. Underway: Monitor SITR (starting new home 8/1/20). Initiate 50 day 09/27/18. HDD QAR 07/27/18. Re eval report 02/01/19. Notice of LOR 02/10/20. Notice of IR 02/17/20. Notice of IR 03/18/20.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7/24/2018 23:00</td>
<td>623-524</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>It was contained and cleaned up on 7/20/18 at each location. Restoration of storm drain outlet containment area was completed on 10/6/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7/30/2018 23:00</td>
<td>65010001S001</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>It 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.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/6/2018 23:00</td>
<td>623-524</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Repairs were made on 7/9/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/13/2018 23:00</td>
<td>865-374</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/30/2018 12:00:00 AM On 8/4/18, the DEP received notice from Sunoco Pipeline LP of an IR of drilling fluids into stream 5130 in Nottingham T5, Washington County associated with HDD PA-WA1-0121.0002-SH. AEP reported that approx 2000 gallons of drilling fluids were released and impacted stream 5130. The drilling fluids comprise industrial waste, and the discharge of industrial waste to waters of the Commonwealth w/o a permit is a violation.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/12/2018 23:00</td>
<td>611-302</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Remediation of the 08/03/18 IR site was completed on 08/09/2018. Remediation of the 08/04 IR site was completed 08/06/2018.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/13/2018 23:00</td>
<td>65050001S001</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Received Date</td>
<td>Permit Number</td>
<td>Facility</td>
<td>Regulating Agency</td>
<td>Brief Summary of Claim</td>
<td>Status</td>
</tr>
<tr>
<td>---------------</td>
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<td>------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>8/16/2018 00:00</td>
<td>E38-194</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/15/2018 12:00:00 AM: On 8/15/18, the DEP reissued notice from Sunoco Pipeline, LP of an approximate 38 gallon spill of drilling fluids in Sitz Creek, a water of the Commonwealth (Trout Stocking, Migratory Fishes), located in West Conshohocken Twp, Lebanon County associated w/HDO PA-LE-0055.0000-RD. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste into waters of the Commonwealth w/out a permit is a violation. Section 611 of the Clean Streams Law, 35 P.S. &amp; 6911 and Section 18 of the Dam Safety and Encroachments Act, 32 P.S. &amp; 693.18. Undertaking Plan (notification to start given 6/28/18).</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/28/2018 23:00</td>
<td>E22-324</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Spill was contained and cleaned up on 8/22/18 and 8/26/18. Upland restoration was completed on 10/19/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8/25/2018 00:00</td>
<td>E11-352</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Spill containment and recovery completed on 8/25/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/4/2018 00:00</td>
<td>E21-449</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>9/1/2018 12:00:00 AM - On 9/1/18, the DEP received notice from Sunoco Pipeline, LP of an approximate 4.96 gallon spill of drilling fluids in Lower Spring Run in Middletown Twp, Cambria County associated w/HDO PA-EC-0136.0000-RD. The drilling fluids that comprised the IR constitute Industrial Waste. The discharge of Industrial Waste into waters of the Commonwealth w/out a permit is a violation. Undertaking Plan (starting new home-6/7/20). Initial 10-day 02/27/18. HSD Offer 02/27/18. Re-eval report 02/19/19. Notice of LOR 02/10/20. Notice of IR 02/17/19. Notice of LOR 03/14/20.</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/7/2018 00:00</td>
<td>E26-701</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>9/15/2018 12:00:00 AM - On 9/15/18, the DEP received a complaint alleging that the western drill pit associated w/HDO PA-PR-0181.0000-RD, aka Joanna Rd HDD, in Caernarvon Twp Berks County was overflowing and discharging into the adjacent stream. On 9/15/18, the DEP 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 unamed tributary to the East Branch Conestoga River, a water of the Commonwealth (Warm Water Fishes, Migratory Fishes). The drilling fluids constitute Industrial Waste. The discharge of Industrial Waste into waters of the Commonwealth w/out a permit is a violation. Undertaking Plan (12/21/15-15 gallon punchout).</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/27/2018 23:00</td>
<td>E21-449</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>8/14/2018 12:00:00 AM - On 8/14/18, the DEP received a complaint alleging that the western drill pit associated w/HDO PA-PR-0181.0000-RD, aka Joanna Rd HDD, in Caernarvon Twp Berks County was overflowing and discharging into the adjacent stream. On 8/14/18, the DEP 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 unamed tributary to the East Branch Conestoga River, a water of the Commonwealth (Warm Water Fishes, Migratory Fishes). The drilling fluids constitute Industrial Waste. The discharge of Industrial Waste into waters of the Commonwealth w/out a permit is a violation. Undertaking Plan (12/21/15-15 gallon punchout).</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/28/2018 00:00</td>
<td>E26-701</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Spill containment and recovery completed on 8/22/18 and 8/26/18. Upland restoration was completed on 10/19/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/29/2018 00:00</td>
<td>E11-352</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Spill containment and recovery completed on 8/25/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>9/30/2018 00:00</td>
<td>E26-701</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Spill containment and recovery completed on 8/22/18 and 8/26/18. Upland restoration was completed on 10/19/18.</td>
<td>Resolved</td>
</tr>
<tr>
<td>Received Date</td>
<td>Permit Number</td>
<td>Facility</td>
<td>Regulating Agency</td>
<td>Brief Summary of Claim</td>
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</tr>
<tr>
<td>10/16/2018 0:00</td>
<td>E07-459</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>12/23/2018 12:00:00 AM - On the evening of 10/12/2018, the DEP recvd notice from Sunoco Pipeline, L.P. of an unquantified discharge of turbid water to Pinney Creek that had occurred earlier in the day at the Pinney Creek HDO. PA-GL-0126-0000-RD in Woodbury T5, Blair County. On the afternoon of 10/14/2018, the Dept recvd notice from Sunoco another unquantified discharge of turbid water Pinney Creek at the Site that had occurred earlier in the day during drilling activities. The Dept conducted an inspection of the Site on 10/14/2018 and documented that cleanup activities for the above described discharges were in process. Additionally, the Blair CCD conducted an inspection of the Site on 10/15/2018 and observed turbid water in Pinney Creek outside of the approved containment areas that occurred when the contractor started grouting activities. The drilling fluids that comprised the IHS constitute Industrial Waste. The discharge of Industrial Waste to waters of the Commonwealth w/out a permit is a violation. Rough Clean-up 100%, Final Clean-up 100%, Seeding 96% complete.</td>
<td>Resolved</td>
</tr>
<tr>
<td>10/17/2018 23:00</td>
<td>E07-459</td>
<td>Mariner East 2 Construction Project</td>
<td>PA DEP</td>
<td>Restart approval received on 10/26/2018.</td>
<td>Resolved</td>
</tr>
</tbody>
</table>
Hi Dan,

We hold these meetings as a group and can’t hold pre-construction meetings until all parties are ready to move forward. This includes the local municipality.

So that I can make sure my office is prepared for the meeting when this is resolved, would you be able to forward a PDF copy of the E&S plan to be discussed? Or a photo of the E&S plan title block and revision blocks if the overall file is too large? That would be helpful. Thank you, Dan.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org
Afternoon Jason,
I recently sent a request to Upper Makefield to separate some items from the Grading permit we are still waiting for. If they agree and issue us the permit we are looking to mobilize next week. I know the requirement is to notify BCCD 7 days prior to construction to set up the preconstruction meeting, but we are getting significantly delayed at this point.

In our opinion Upper Makefield shouldn’t have been able to prevent the precon meeting from happening. It is a pre-construction meeting that should take place before we start construction and should be able to occur with or without permits. We cannot start without a permit so there really is no risk of us starting after the meeting with BCCD.

Our goal is to get construction going as soon as we can to avoid working through the holiday season in the township that close to residents.

Please let us know if we can hold this meeting now or at least first thing next week.
Thank you,
Dan

Daniel Kershner
LTO-Engineering
Pipeline Projects
cell: 484-332-6310
Daniel.kershner@energytransfer.com
This e-mail is from outside STV

Mark,

What is the latest revision date in the formal revision block on the E&S plan to be used in the field?

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Monday, July 11, 2022 12:33 PM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason:

As stated in my below 6/29/22 email to you and Denise the IFC drawings have some other items that have changed but the E&S is the same in both the 5/24/22 and 6/29/22 issues. I will bring a set of the approved 5/24/21 drawings as well as a set of the 6/29/22 Issued for Construction drawing set to our meeting.

Please give me a call if you have any questions. SPLP would like this clarified asap.

Thanks

Mark

From: Jason Maurer <jmaurer@bucksccd.org>
Sent: Monday, July 11, 2022 11:50 AM
To: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Hi Mark,
That doesn’t appear to be the issue. The issue is that the NPDES permit approval cover page references the overall 3/29/21 date (with the letter of adequacy specific to the E&S plan also noting the three sheets containing the 5/24/21 date.)

In the email below dated 6/29/22, a plan dated 6/29/22 is referenced. If the plan dated 6/29/22 is to be used for construction, that’s the plan that needs to be resubmitted for updated approval. Our letters of adequacy have to reference the identical date.

If the 6/29/22 date is just stamped on the plans and the actual revision date line has not changed compared to the letter of adequacy, then that’s fine. We just need some clarity on what the actual latest revision date on the plans that will be used in the field is. Please let us know?

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.buckscdd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Tuesday, July 5, 2022 2:18 PM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason:

Just emailing again to make sure you got my below email and to verify everything is ok as is, if you will be re-issuing permit with correct date or if anything else needs to be done.
Please give me a call if you have any questions 610-698-8552.

Thanks

Mark

From: Struss, Mark W.
Sent: Tuesday, July 5, 2022 9:14 AM
To: Jason Maurer <jmaurer@bucksccd.org>; Denise Burmester <DBurmester@uppermakefield.org>; daniel.kershner <daniel.kershner@energytransfer.com>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; David R. Nyman <Manager@uppermakefield.org>

I think your NPDES permit has the incorrect date listed.

Please give me a call if you have any questions 610-698-8552.

Mark

---

**This e-mail is from outside STV**

Good morning, all,

Denise, thank you for the information below.

Mark and project applicant team, a request – please do not schedule meetings with BCCD until all approvals have been issued and the project is ready to schedule meetings.

Also, regarding the E&S plan date – please refer to page one of the original E&S approval letter. If the E&S plan contains an updated revision date as noted below, it needs to be resubmitted to BCCD so that we can issue an updated approval letter referencing the new revision date. If there were no major changes, the standard resubmission guidelines noted in our BCCD application form will apply. Please make sure the revised plans, revised application, and applicable resubmission fee come as one complete package so there is no holdup in processing. We will need to have this resolved prior to schedule the eventual pre-construction meeting, so please let us know if there are any questions.

Jason Maurer  
Erosion and Sediment Control Technician  
(215) 345-7577 ext. 105  

Bucks County Conservation District  
1456 Ferry Rd., Ste. 704  
Doylestown, PA 18901
Good Afternoon Mark, 

Thank you for the notification of your plans. Township staff availability next week will be limited for meetings.

Please note that the Township has not yet issued the permits for the project. Permit issuance is pending the finalization of documents related to the Conditional Use, Zoning Hearing Board and Road Occupancy applications. Your planned schedule will be distributed to Township staff for consideration in relation to the finalization of the documents.

Please let me know if you have any further questions.

Sincerely,

Denise Burmester, CZO
Director of Planning & Zoning and Code Enforcement Officer
Planning and Zoning
Upper Makefield Township
1076 Eagle Road Newtown, PA 18940
p 215.968.3340 f 215.968.9228
dburmester@uppermakefield.org
www.uppermakefield.org
I am trying to schedule a pre-construction meeting with BCCD, Upper Makefield, STV, Energy Transfer (SPLP) and the Contractor. Please review the below email from Jason at BCCD with available dates next week and respond with your availability and if you would like an on site meeting or somewhere else.

Please note I am not available next week on Monday or Wednesday so it looks like BCCD and I are available 12-3 on Tuesday or 9-230 on Thursday or Friday.

Dan:
Please provide when you and the contractor are available next week.

Jason

The date of approved BCCD E&S plans is 5/24/21. I will bring a set of the approved 5/24/21 drawings as well as a set of the 6/29/22 Issued for Construction drawing set to our meeting. The IFC drawing set contains the same E&S information contained in the 5/24/21 approved drawings.

Please contact me if you have any questions or require additional information.

Thanks

Mark Struss
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA. 19518
Bus: (610) 385-8346
Mobile: (610) 698-8552
Bus Fax: (610) 385-8510
E-mail: mark.struss@stvinc.com

---

From: Jason Maurer <jmaurer@bucksccd.org>
Sent: Wednesday, June 29, 2022 5:25 AM
To: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

**This e-mail is from outside STV**

Hi Mark,

I’m available pretty much any time next week except for Monday and the first half of Tuesday. I could meet any time 12pm-3pm on Tuesday or 9am-2:30pm the rest of the days. I’ll defer to Upper Makefield on date/time and location of the meeting, since I’m not sure who all they will want to attend. For the meeting, you would need a copy of the NPDES permit and approved plan set to reference. A representative of the permit holder and earthwork contractors should attend.

Can you let me know what the latest revision date is on the E&S plan you have on your end? Thanks, Mark.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105
From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Monday, June 27, 2022 11:44 AM
To: Jason Maurer <jmaurer@bucksccd.org>
Subject: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason

Please give me a call at 610-698-8552. I am trying to set up a pre-con meeting with you and Upper Makefield Township. I am trying to see what you need us to bring and what is your availability before I coordinate with SPLP.

The Contractor would like to mobilize on July 11, 2022.

Thanks
Mark Struss
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA. 19518
Bus: (610) 385-8346
Mobile: (610) 698-8552
Bus Fax: (610) 385-8510
E-mail: mark.struss@stvinc.com

Please consider the environment before printing this e-mail.

Redesigned and rebuilt: visit our new website at https://link.edgepilot.com/s/6a2a7ca3/8ng2CvNSJ060-7EjtOB8NQ?u=http://www.stvinc.com/
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Private and confidential as detailed here. If you cannot access hyperlink, please e-mail sender.
Thanks, Larry.

Would you be able to send me a PDF copy (or some other electronic method, whatever works for you) of the E&S plan they’ve submitted to you as part of those latest plans?

This isn’t adding up with what they’ve told us and I’d like to physically compare them.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105
Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

Latest plans are last revised January 19, 2022. I confirmed with the Township that these are the latest plans they received as well.

Thanks,
Larry Young, P.E.

Hi Denise and Larry,
On BCCD’s end, we’re continuing to communicate with Mark Struss and others from that previous email chain on making sure we have things properly in place to be able to eventually schedule their pre-construction meeting.

I’m not sure how far along they are in their processes with you all, but I wanted to make this request in advance — before we schedule any meetings with them, can we make sure to coordinate on sharing information regarding their approved plan dates? Our letter of adequacy approves a plan last revised 3/29/21 (with some selected sheets revised 5/24/21 as noted in that letter.) We have had some back and forth with them on plan dates so far and they have indicated those referenced plans will be the ones presented at the meeting and used in the field. However, I want to ensure we’re moving forward with the correct plan approvals as confirmed by BCCD and your offices when everyone’s review is concluded.

Thank you both. Please let me know if we need to discuss further.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.buckscdd.org
Hi Denise and Larry,

On BCCD’s end, we’re continuing to communicate with Mark Struss and others from that previous email chain on making sure we have things properly in place to be able to eventually schedule their pre-construction meeting.

I’m not sure how far along they are in their processes with you all, but I wanted to make this request in advance – before we schedule any meetings with them, can we make sure to coordinate on sharing information regarding their approved plan dates? Our letter of adequacy approves a plan last revised 3/29/21 (with some selected sheets revised 5/24/21 as noted in that letter.) We have had some back and forth with them on plan dates so far and they have indicated those referenced plans will be the ones presented at the meeting and used in the field. However, I want to ensure we’re moving forward with the correct plan approvals as confirmed by BCCD and your offices when everyone’s review is concluded.

Thank you both. Please let me know if we need to discuss further.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.buckscdd.org
Hi Mark,

Thank you for confirming. Our E&S-specific letter of adequacy is valid for those plans, so we’re good. This is a crucial item and is one of the first items we always cover at pre-construction meetings. If more recently revised plans are to be used, we won’t be able to move forward.

Please let me know whenever you’re set with the Township and we can set up that pre-construction meeting.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105
Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Tuesday, July 12, 2022 1:56 PM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>; Scott D. Newcomer <sdn@otiseastern.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason:

A copy of the 5/24/21 BCCD approved E&S drawings will be given to the contractor and will be used in the field.

Mark

From: Jason Maurer <jmaurer@bucksccd.org>
Sent: Tuesday, July 12, 2022 12:18 PM
To: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431
Mark,

What is the latest revision date in the formal revision block on the E&S plan to be used in the field?

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105
Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Monday, July 11, 2022 12:33 PM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason:

As stated in my below 6/29/22 email to you and Denise the IFC drawings have some other items that have changed but the E&S is the same in both the 5/24/22 and 6/29/22 issues. I will bring a set of the approved 5/24/21 drawings as well as a set of the 6/29/22 Issued for Construction drawing set to our meeting.

Please give me a call if you have any questions. SPLP would like this clarified asap.

Thanks

Mark

From: Jason Maurer <jmaurer@bucksccd.org>
Sent: Monday, July 11, 2022 11:50 AM
To: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Hi Mark,
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Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.buckscdd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Tuesday, July 5, 2022 2:18 PM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Weirsky, Edward J. <Edward.Weirsky@stvinc.com>; daniel.kershner <daniel.kershner@energytransfer.com>
Subject: RE: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

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Bus: (610) 385-8346  
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E-mail: mark.struss@stvinc.com

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Mark,

What is the latest revision date in the formal revision block on the E&S plan to be used in the field?

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As stated in my below 6/29/22 email to you and Denise the IFC drawings have some other items that have changed but the E&S is the same in both the 5/24/22 and 6/29/22 issues. I will bring a set of the approved 5/24/21 drawings as well as a set of the 6/29/22 Issued for Construction drawing set to our meeting.

Please give me a call if you have any questions. SPLP would like this clarified asap.

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From: Denise Burmester <DBurmester@uppermakefield.org>
Sent: Thursday, June 30, 2022 3:23 PM
To: Struss, Mark W. <MARK.STRUSS@stvinc.com>; Jason Maurer <jmaurer@bucksccd.org>; daniel.kershner <daniel.kershner@energytransfer.com>
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Dan: Please provide when you and the contractor are available next week.

Jason

The date of approved BCCD E&S plans is 5/24/21. I will bring a set of the approved 5/24/21 drawings as well as a set of the 6/29/22 Issued for Construction drawing set to our meeting. The IFC drawing set contains the same E&S information contained in the 5/24/21 approved drawings.

Please contact me if you have any questions or require additional information.

Thanks
Hi Mark,

I’m available pretty much any time next week except for Monday and the first half of Tuesday. I could meet any time 12pm-3pm on Tuesday or 9am-2:30pm the rest of the days. I’ll defer to Upper Makefield on date/time and location of the meeting, since I’m not sure who all they will want to attend. For the meeting, you would need a copy of the NPDES permit and approved plan set to reference. A representative of the permit holder and earthwork contractors should attend.

Can you let me know what the latest revision date is on the E&S plan you have on your end? Thanks, Mark.

Jason Maurer  
Erosion and Sediment Control Technician  
(215) 345-7577 ext. 105  

Bucks County Conservation District  
1456 Ferry Rd., Ste. 704  
Doylestown, PA 18901  
Please give me a call at 610-698-8552. I am trying to set up a pre-con meeting with you and Upper Makefield Township. I am trying to see what you need us to bring and what is your availability before I coordinate with SPLP.

The Contractor would like to mobilize on July 11, 2022.

Thanks
Mark Struss
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA. 19518
Bus: (610) 385-8346
Mobile: (610) 698-8552
Bus Fax: (610) 385-8510
E-mail: mark.struss@stvinc.com

Redesigned and rebuilt: visit our new website at https://link.edgepilot.com/s/6a2a7ca3/8ng2CvNSJ060-7EJtOB8NQ?u=http://www.stvinc.com/

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Hi Mark,

I’m available pretty much any time next week except for Monday and the first half of Tuesday. I could meet any time 12pm-3pm on Tuesday or 9am-2:30pm the rest of the days. I’ll defer to Upper Makefield on date/time and location of the meeting, since I’m not sure who all they will want to attend. For the meeting, you would need a copy of the NPDES permit and approved plan set to reference. A representative of the permit holder and earthwork contractors should attend.

Can you let me know what the latest revision date is on the E&S plan you have on your end? Thanks, Mark.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

From: Struss, Mark W. <MARK.STRUSS@stvinc.com>
Sent: Monday, June 27, 2022 11:44 AM
To: Jason Maurer <jmaurer@bucksccd.org>
Subject: SPLP Jacobs Creek Pipeline Relocation - Permit #PAC090431

Jason

Please give me a call at 610-698-8552.
I am trying to set up a pre-con meeting with you and Upper Makefield Township. I am trying to see what you need us to bring and what is your availability before I coordinate with SPLP.

The Contractor would like to mobilize on July 11, 2022.

Thanks
Mark Struss
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA. 19518
Bus: (610) 385-8346
Mobile: (610) 698-8552
Bus Fax: (610) 385-8510
E-mail: mark.struss@stvinc.com

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Good morning,

Attached, please find an advance copy of BCCD’s approval letter for the E&S plan for this project, with hard copies to follow by mail. The letter references issuance of the full NPDES permit package, with is forthcoming from our administrative staff.

If you have any questions, please feel free to contact me directly. Thank you both.

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org
Hi James,

That all looks good, we will just need one copy of the sheets that have changed, we don’t need the full set.

Thanks again, James. As soon as we have copies in house, we’ll advance the permit review. If you have any other questions, please write or call.

---

Jason Maurer
Erosion and Sediment Control Technician
(215) 345-7577 ext. 105

Bucks County Conservation District
1456 Ferry Rd., Ste. 704
Doylestown, PA 18901
www.bucksccd.org

---

From: Filoon, James <James.Filoon@stvinc.com>
Sent: Wednesday, May 26, 2021 9:21 AM
To: Jason Maurer <jmaurer@bucksccd.org>
Cc: Antoni, Christopher D. <CHRISTOPHER.ANTONI@stvinc.com>; Weirsky, Edward J. <Edward.Weirsky@stvinc.com>
Subject: 14-Inch Twin Oaks to Newark Pipeline Relocation Project Jacobs Creek Rev H

Jason,

Thank you for contacting me last week about several changes that needed to be made to the Jacobs Creek Plan set. See below responses to your comments. Additionally you mentioned that you would need new plans sent into your office, is it ok to just send these 3 sheets or do you need a full plan set?

1. Please indicate that the LOD coincides with the project site boundary,

   A note has been added to the plans to indicate that “LOD COINCIDES WITH PROJECT SITE BOUNDARY” (See sheets 38-16332-701, 38-16332-702)

2. Please include the note on the plans responding to the PNDI Pennsylvania Fish and Boat Response.
A note has been added to the plan sheets providing directions to contact Pennsylvania fish and boat if disturbance activities occur between May 15th and October 15th (See sheets 38-16332-701, 38-16332-702 and 38-16332-705)

3. Please include a silt sock sizing table.

A silt sock sizing table can be found on the existing plan sheets in your possession under the silt sock standard detail. Additionally a PDF version has been attached to this email. (see sheet (38-16332-703)

Please contact me if you have any questions regarding these changes and thank you for your time reviewing these plans.

James Filoon, E.I.T.
Civil Engineering Specialist, STV
STV | 205 W Welsh Drive, Douglassville, PA 19518
(p) 610.385.8267 | (m) 610.858.2652 | (f) 610.385.8510
James.Filoon@stvinc.com

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I’ve searched CDIS with any combination of those names and I haven’t found anything.

I can’t say this with certainty, but some for some GP applications to DEP, the DEP regional office performs an “in-house” E&S review. We may have been copied on review correspondence from DEP but wouldn’t necessarily have a project submittal in CDIS. I’m not certain that’s the case, but it’s one possible explanation for why it says they “submitted an E&S plan to BCCD.” Another possibility is it says an application to us is pending but we haven’t received it yet. I can’t confirm either though without knowing more.

Do they have any record of the application as submitted to us? That would help us look it up if it was submitted under a different name.

Jason Maurer  
Erosion and Sediment Control Technician  
(215) 345-7577 ext. 105  

Bucks County Conservation District  
1456 Ferry Rd., Ste. 704  
Doylestown, PA 18901  
www.bucksccd.org  

From: Rene Moyer <rmoyer@bucksccd.org>  
Sent: Wednesday, December 9, 2020 9:51 AM  
To: Jason Maurer <jmaurer@bucksccd.org>  
Cc: Susan Seykot <sseykot@bucksccd.org>  
Subject: FW: Sunoco Pipeline, L.P. Jacobs Creek Pipeline Relocation Project (Upper Makefield Twp., Bucks Co., PA)  

Jason/Sue,  

Please read the email below. I am not seeing any project in CDIS under the above name and wasn’t sure if it may have come into our office under a different project name. Sue – please respond to the email below.  

Thank you,  

René Moyer
Hello Rene,

I got your contact information from your website. We are currently reviewing the Sunoco Jacobs Creek Pipeline Relocation Project, which involves the installation of a new pipeline (using HDD) to replace an existing line from Upper Makefield Township, Bucks County, PA, below the Delaware River to Ewing and Hopewell Townships, Mercer County, New Jersey. The application indicates that they submitted a General Permit – 5 to PADEP (Authorization ID 1331709) and an E&S Plan to Bucks County Conservation District and that the permit/approvals are pending.

Would you please let me know the status of the E&S Plan review? Also, do you know who would be the appropriate PADEP staff I could contact regarding this project?

Please let me know if you have any questions. Stay well. Thank you.

Sincerely,

Eric

Eric L. Engle, P.G.
Senior Geologist, Project Review Section
Delaware River Basin Commission
PO Box 7360
25 Cosey Road
West Trenton, NJ 08628-0360
(p) 609-883-9500 ext. 229
(f) 609-883-9522
(e) eric.engle@drbc.gov
Good morning,

Attached please find your approved general permit registration and conditional approval for the Submerged Lands License Agreement (SLLA) for a petroleum products pipeline stream crossing under the Delaware River. The SLLA will be processed through our electronic signature method which is currently under a backlog. At the time of completion, the fully signed pdf file of the SLLA will be e-mailed to you.

Our office is going paperless, therefore we are no longer sending hard copies.

If you should have any questions, please do not hesitate to contact Mr. Govind Daryani at gdaryani@pa.gov.

Thank you,

Elaine Henderson | Clerk Typist 3
Department of Environmental Protection
Southeast Regional Office
2 East Main Street | Norristown, PA 19401
Phone: 484.250.5157 | Fax: 484.250.5914
www.dep.pa.gov
MEMORANDUM

DATE: April 5, 2019
TO: Project File
FROM: James McGinley
SUBJECT: 14-inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation

Sunoco Pipeline, L.P. (Sunoco) owns and operates a 14-inch steel high-pressure petroleum products pipeline that transports product from Sunoco’s Twin Oaks Terminal to their Newark Facility. Near the confluence of Jacobs Creek and the Delaware River in Ewing and Hopewell Townships, Mercer County, New Jersey, the existing pipeline is located within the creek bed of Jacobs Creek. The pipeline travels up stream within the rock streambed, through a large culvert which supports the Delaware and Raritan Canal and State Route 29. The pipeline is exposed through the 165-foot-long culvert and for a distance of approximately 50 feet downstream of the culvert. Within this segment, the pipeline is installed with approximately 200 feet of 18-inch casing to protect the line. However, over the years the casing has begun to degrade and is no longer providing adequate protection.

To support permitting efforts, STV conducted a wetlands investigation of the Pennsylvania side of the project area and at a minimum 50 foot beyond the proposed limit of disturbance to determine the presence or absence of wetlands on April 4, 209. James McGinley and Wendy Schellhamer conducted the investigation. Mr. McGinley and Mrs. Schellhamer both have over 15 years of wetlands delineation experience.

Areas within the proposed limit of disturbance and at a minimum 50 feet beyond were investigated for wetlands. Dominant hydric vegetation, hydric soils and hydrology were not present within these areas. There is one stream present on the project site, Jacobs Creek.

In conclusion, the area investigated did not meet the vegetation, hydrology or soil requirements to be classified as a wetland as defined by the 1989 Corps of Engineers Wetlands Delineation Manual and Supplement, therefore it was determined that the project area that was investigated does not contain wetlands. There was one stream, Jacobs Creek, located within the project area.

If there are any further questions, please feel free to contact me at:

James McGinley
Senior Environmental Scientist, Associate
STV
205 West Welsh Drive
Douglassville, PA 19518
MEMORANDUM
Page 2 of 2

Office: (610) 385-8443
Email: jim.mcginley@stvinc.com
The checklists contained in this fact sheet are intended to provide guidance to staff reviewing the NOI but are not intended to be inclusive of all administrative and technical considerations; staff may supplement the information on this checklist with additional factors prescribed under regulations.

### Applicant and Project Information

<table>
<thead>
<tr>
<th>Applicant Name:</th>
<th>Sunoco Pipeline LP</th>
<th>Project Name:</th>
<th>14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicant Address:</td>
<td>100 Green St</td>
<td>Project Address:</td>
<td>106 Oakdale Ave</td>
</tr>
<tr>
<td>Municipality:</td>
<td>Marcus Hook, PA 19061-4800</td>
<td>County:</td>
<td>Washington Crossing, PA 18977-1430</td>
</tr>
<tr>
<td>Receiving Water(s):</td>
<td>Uper Makefield Township</td>
<td>Ch. 93 Class:</td>
<td>Bucks</td>
</tr>
<tr>
<td>Date Application Received:</td>
<td>1/15/2021</td>
<td>Earth Disturbance:</td>
<td>4,902 acres</td>
</tr>
<tr>
<td>NOI Type:</td>
<td>New</td>
<td>Project Description:</td>
<td>Relocation of Existing 14-Inch Petroleum Products Pipielines Via Trenchless HDD and Traditional Trenching</td>
</tr>
</tbody>
</table>

### NOI Completeness Review Checklist

<table>
<thead>
<tr>
<th>COMPLETENESS ITEM</th>
<th>TRUE</th>
<th>FALSE</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 102.6(a)(1) – One original and one copy of the complete NOI form (3800-PM-BCW0405b) were submitted and were completed as instructed in the PAG-02 NOI Instructions.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. All eligibility requirements of PAG-02 as specified in Section III.B of the General Permit appear to be met. 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. The applicant is not proposing to use floodplain restoration or gravity injection wells as PCSM BMPs.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. 102.6(a)(1) – Two copies of County and Municipal Notification Forms (3800-FM-BCW0271b and 3800-FM-BCW0271c, respectively) with county and municipal signatures or proof that the county and municipality received the forms were submitted.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. 102.6(a)(2) – Two copies of the PNRI receipt (draft receipts not acceptable), which will not expire prior to anticipated authorization of permit coverage, were submitted.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. 102.6(a)(1) – One original and one copy of the complete E&amp;S Module 1 (3800-PM-BCW0406a) were submitted and were completed as instructed in the PAG-02 NOI Instructions.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. 102.4(b)(5)(ix) – Details were provided for all E&amp;S BMPs (Question 5 of E&amp;S Plan Information) (can be provided on E&amp;S Plan Drawings).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. 102.4(b)(5)(viii) – Standard E&amp;S Worksheets from the E&amp;S Manual (or their equivalent) were attached.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. 102.4(b)(5)(viii) – Supporting E&amp;S calculations were provided (for any calculation not handled by a Standard E&amp;S Worksheet or an equivalent).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. 102.4(c) – An Off-site Discharge Analysis was provided, if applicable.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. 102.4(b)(5)(v) – If hydric soils are present, a wetland determination was submitted.</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Approve</th>
<th>Deny</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Application Manager Name</td>
<td>6/23/21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CCD Manager / DEP Permits Chief or Program Manager Name</td>
<td>2/2/21</td>
</tr>
<tr>
<td>CDD Professional Engineer (if CDD is PCSM Delegated and performed PCSM Technical Review)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPLETENESS ITEM</td>
<td>TRUE</td>
<td>FALSE</td>
<td>N/A</td>
</tr>
<tr>
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</tr>
<tr>
<td>5. 102.4(b)(5)(ix) – Two sets or copies of E&amp;S Plan Drawing(s) were submitted.</td>
<td>✗</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>a. 102.4(b)(5)(i) – The Drawing(s) include existing and proposed topography (including any temporary contours) with appropriate contour labels.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. 102.4(b)(5)(iii) – The Drawing(s) include the project site boundary.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. 102.4(b)(5)(iii) – The Drawing(s) include the limit of earth disturbance within the project site.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. 102.4(b)(5)(v) – The Drawing(s) show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. 102.4(b)(5)(ix) – The Drawing(s) identify all discharge points.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. 102.4(b)(5)(vi) – The Drawing(s) show the location of all BMPs and drainage areas to the BMPs as applicable.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. 102.4(b)(5)(vii) – The Drawing(s) show existing and proposed utilities and site improvements.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. 102.4(b)(5)(xv) – The Drawing(s) show existing and proposed riparian buffer(s), if applicable.</td>
<td>☐</td>
<td>☐</td>
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</tr>
<tr>
<td>i. 102.4(b)(5)(iii) – The Drawing(s) show proposed off-site support activities, if applicable.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>j. 102.4(c) – The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>k. 102.4(b)(5)(vii) &amp; 102.4(b)(5)(xii) – The Drawing(s) show the sequence of construction, an operation and maintenance (O&amp;M) program, and procedures for recycling or disposing of materials (not necessary if a separate narrative is attached).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>6. 102.6(a)(1) – One original and one copy of the complete PCSM Module 2 (3800-PM-BCW0406b) were submitted and were completed as instructed in the PAG-02 NOI Instructions.</td>
<td>☐</td>
<td>☐</td>
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</tr>
<tr>
<td>a. 102.8(n) – The project qualifies as a Site Restoration Project.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. 102.8(g)(1) – A pre-development site characterization was provided (i.e., soils and geotechnical testing results and narrative of methods and results).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. 102.8(g)(1) – Soil/geologic test results were attached.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. 102.8(f)(8), 102.8(g)(2) &amp; 102.8(g)(4) – Printout of DEP’s PCSM Spreadsheet – Volume Worksheet was attached.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. 102.8(f)(8), 102.8(g)(2) &amp; 102.8(g)(4) – Stormwater Analysis – Runoff Volume Questions 5 – 9 were answered and supporting calculations were provided.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. 102.8(f)(8), 102.8(g)(3) &amp; 102.8(g)(4) – Printout of DEP’s PCSM Spreadsheet – Rate Worksheet was attached.</td>
<td>☐</td>
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</tr>
<tr>
<td>g. 102.8(f)(8), 102.8(g)(3) &amp; 102.8(g)(4) – Stormwater Analysis – Peak Rate Questions 5 – 9 were answered and supporting calculations were provided.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>COMPLETENESS ITEM</td>
<td>TRUE</td>
<td>FALSE</td>
<td>N/A</td>
</tr>
<tr>
<td>-------------------</td>
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</tr>
<tr>
<td>h. 102.8(f)(8), 102.8(g)(2) &amp; 102.8(g)(4) – Printout of DEP's PCSM Spreadsheet – Quality Worksheet was attached.</td>
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<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>i. 102.11(b) – If Managed Release Concept (MRC) BMPs were proposed, MRC Design Summary Sheets were provided for each BMP and were sealed by a professional engineer.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>7. 102.8(f)(9) – Two sets or copies of PCSM Plan Drawing(s) were submitted.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>a. 102.8(f)(1) – The Drawing(s) include existing and proposed topography with appropriate contour labels.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. 102.8(f)(3) – The Drawing(s) include the project site boundary.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. 102.8(f)(3) – The Drawing(s) include the limit of earth disturbance within the project site.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. 102.8(f)(5) – The Drawing(s) show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. 102.8(f)(9) – The Drawing(s) identify all discharge points.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. 102.8(f)(6) – The Drawing(s) show the location of all BMPs with identifiers cross-referenced to PCSM Module 2.</td>
<td>☑</td>
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<td>☐</td>
</tr>
<tr>
<td>g. 102.8(f)(9) – Details were provided for all PCSM BMPs (required for any PCSM BMP identified in Question 1 of PCSM Plan Information).</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. 102.8(f)(3) – The Drawing(s) show existing and proposed utilities and site improvements.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>i. 102.8(f)(14) – The Drawing(s) show existing and proposed riparian buffer(s), if applicable.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>j. 102.8(f)(3) – The Drawing(s) show proposed off-site support activities, if applicable.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>k. 102.8(f)(15) – The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>l. 102.8(f)(7) &amp; 102.8(f)(10) – The Drawing(s) show the sequence of PCSM BMP implementation, a long-term operation and maintenance (O&amp;M) schedule, procedures for recycling or disposing of materials, and critical stages of BMP implementation (not necessary if a separate narrative is attached).</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>m. 102.8(f)(2) – The Drawing(s) show sensitive features including sinkholes, surface depressions, soil contamination hot spots, and wetlands, if applicable.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>n. 102.8(g)(1) – The Drawing(s) show the location of test pits used for infiltration testing as cross-referenced to PCSM Module 2, Infiltration Information.</td>
<td>☑</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Footnotes:
1 In addition to eligibility restrictions contained in Section III.B of the PAG-02 General Permit, see the list of reasons for coordinating with DEP in Section III.A.1 of the PAG-02 SOP (ID No. BCW-PMT-042).
2 If the PNDI receipt indicates “Avoidance Measures,” the applicant must have signed the PNDI receipt and included the avoidance measures on the E&S and PCSM Plans.
3 If the entire project meets 25 Pa. Code § 102.8(n), then responses to Questions 6.c – 6.h may be omitted.
4 The response to either Question 6.d or 6.e must be TRUE for the project to be deemed complete.
5 The response to either Question 6.f or 6.g must be TRUE for the project to be deemed complete.
## Application Manager's Completeness Review Comments:

6/2/21 JEM - Application complete.

---

### E&S Technical Review Checklist

<table>
<thead>
<tr>
<th>TECHNICAL REVIEW ITEM</th>
<th>TRUE</th>
<th>FALSE</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The Standard E&amp;S Control Plan Technical Review Checklist is attached.</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>2. The Expanded E&amp;S Control Plan Technical Review Checklist is attached.</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>3. 102.11(a)(1) – E&amp;S BMPs have been designed in accordance with the E&amp;S Manual.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>4. 102.11(b) – Where E&amp;S BMPs have been designed with a deviation from the E&amp;S Manual, such deviations were found to be consistent with 25 Pa. Code § 102.11(b).</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>5. 102.11(b) – Alternative E&amp;S BMPs are consistent with the Approved Alternative E&amp;S BMP List.</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>6. 102.2(b) – There will be discharges to waters impaired for siltation, sediment, turbidity, water/flow variability, flow alterations/modifications, or nutrients with or without a TMDL (including Chesapeake Bay).</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>a. 102.2(b) – The applicant has proposed E&amp;S BMPs to treat such discharges consistent with a non-discharge alternative or ABACT.</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
</tbody>
</table>

---

### Footnotes:

1 In addition to deficiencies identified through the use of the Standard or Expanded E&S Control Plan Technical Review Checklists, the Application Manager should consider an answer of FALSE a technical deficiency when both Questions 3 and 4 are FALSE, and when Questions 5 or 6.a are FALSE.

2 A technical review of the E&S Plan is not required for renewal NOIs or for amendment NOIs where there is no new earth disturbance.

---

### Application Manager's E&S Technical Review Comments:


Sheets 1-2, 5 dated 5/24/21.
<table>
<thead>
<tr>
<th>TECHNICAL REVIEW ITEM</th>
<th>TRUE</th>
<th>FALSE</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The CCD is not PCSM delegated or otherwise has elected not to complete this checklist.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>2. 102.11(a)(2) – PCSM BMPs have been designed in accordance with the BMP Manual.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>3. 102.11(b) – Where PCSM BMPs have been designed with a deviation from the BMP Manual, they were found to be consistent with 25 Pa. Code § 102.11(b).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>4. 102.11(b) – Alternative PCSM BMPs are consistent with the Approved Alternative PCSM BMP List.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>5. 102.2(b) – There will be discharges to waters impaired for siltation, sediment, turbidity, water/flow variability, flow alterations/modifications, or nutrients with or without a TMDL (including the Chesapeake Bay).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>a. 102.2(b) – The applicant has proposed PCSM BMPs to treat such discharges consistent with a non-discharge alternative or ABACT.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>6. 102.8(f)(1) – Existing topography of project site and immediate surrounding area were adequately explained (E&amp;S Module 1, Question 1).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>7. 102.8(f)(2) – The types, depth, slope, locations and limitations of the soils and geologic formations were accurately characterized (E&amp;S Module 1, Question 2).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>8. 102.8(f)(3) – Characteristics of the project site were adequately explained in terms of past (i.e., at least 50 years ago), present and proposed land uses (E&amp;S Module 1, Question 3).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>9. 102.8(f)(4) – An adequate description (may be qualitative) of the volume and rate of runoff from the project site and any area upgradient of the project site that flows onto the project site has been provided (PCSM Module 2).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>10. 102.8(f)(5) – The locations of surface waters and their classifications under Chapter 93 have been identified on PCSM Plan Drawing(s) and in the PAG-02 NOI.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>11. 102.8(f)(6) – All PCSM BMPs have been identified in PCSM Module 2 (PCSM Module 2, PCSM Plan Information, Question 1) and located on PCSM Plan Drawing(s).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>12. 102.8(f)(6) – PCSM BMP design details were provided on PCSM Drawing(s) and specifications for permanent stabilization were included on PCSM or E&amp;S Plan Drawing(s) (E&amp;S Module 1, Question 15, for stabilization only).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>13. 102.8(f)(7) – A sequence of PCSM BMP implementation in relation to earth disturbance activities and a schedule of inspections for critical stages of BMP implementation were provided (PCSM Module 2, PCSM Plan Information, Question 2).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>14. 102.8(f)(8) – Supporting calculations for the design of PCSM BMPs were provided and are technically sound.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>15. 102.8(f)(10) – A long-term O&amp;M schedule for PCSM BMPs including BMP repair and maintenance activities was provided (PCSM Module 2, Long-Term O&amp;M) and is consistent with the Stormwater BMP Manual or is otherwise technically sound.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>16. 102.8(f)(11) – Procedures ensuring proper measures for recycling or disposal of materials associated with or from PCSM BMPs were provided (PCSM Plan Drawings or PCSM Module 2, Long-Term O&amp;M).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>17. 102.8(f)(12) – The applicant identified naturally occurring geologic formations or soil conditions that may have the potential to cause pollution and prepared a plan to avoid or minimize potential pollution (PCSM Module 2, PCSM Plan Information, Question 6).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>18. 102.8(f)(13) – The applicant has identified potential thermal impacts from post-construction stormwater and has proposed BMPs that will avoid, minimize or mitigate potential impacts (PCSM Module 2, PCSM Plan Information, Question 7).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>TECHNICAL REVIEW ITEM</td>
<td>TRUE</td>
<td>FALSE</td>
<td>N/A</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----</td>
</tr>
<tr>
<td>19. 102.8(f)(14) – The applicant has proposed a riparian forest buffer, a riparian forest buffer management plan is attached, and is generally consistent with § 102.14.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>20. 102.8(g) – A stormwater analysis was completed on a discharge point basis or on a watershed basis (i.e., all discharges to specific receiving waters analyzed collectively).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>21. 102.8(g)(1) – A pre-development site characterization and assessment of soil and geology was conducted and is within the recommendations of Appendix C of the Stormwater BMP Manual or are otherwise technically sound.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>22. 102.8(g)(2) – Calculations were provided to demonstrate the net change in volume up to the 2-year/24-hour storm event and the calculations are technically sound, or the PSCM Spreadsheet, Volume Worksheet was submitted.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>23. 102.8(g)(2) – A volume reduction standard contained in an approved and current Act 167 Plan was used, and the Application Manager has confirmed that 1) the Act 167 Plan was approved within the past five years, and 2) the standard from the Plan was applied appropriately.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>24. 102.8(g)(2)(iv) – An alternative design standard has been proposed for managing the net change in volume and an adequate demonstration has been made that the alternative standard is at least as stringent as management of the net change up to the 2-year/24-hour storm.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>25. 102.8(g)(2) – The PSCM Spreadsheet, Quality Worksheet was submitted, illustrating the net change in water quality (pollutant loading) up to the 2-year/24-hour storm event.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>26. 102.8(g)(2)(i) – All existing non-forested pervious areas have been considered meadow in good condition or better (if exceptions at § 102.8(g)(2)(i) apply select &quot;N/A&quot;) (PSCM Spreadsheet, Volume Worksheet or supporting calculations).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>27. 102.8(g)(2)(ii) – 20% of existing impervious surfaces to be disturbed has been considered meadow in good condition or better (if exceptions at §§ 102.8(g)(2)(ii) or (iii) apply select &quot;N/A&quot;) (PSCM Spreadsheet, Volume Worksheet or supporting calculations).</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>28. 102.8(g)(4) – The precipitation depth for the 2-year/24-hour storm event is based on NOAA Atlas 14 or other reputable sources.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>29. 102.8(g)(4) – Land covers and curve numbers have been appropriately determined to calculate pre- and post-construction runoff volumes and pollutant loadings.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>30. 102.8(g)(2) – Structural and non-structural BMPs were proposed that will eliminate or manage the net change in volume and pollutant loading up to the 2-year/24-hour storm event, and the calculations demonstrating this are technically sound or the PSCM Spreadsheet was used.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>31. 102.8(g)(3) – Calculations were provided to demonstrate the net change in peak rates for the 2, 10, 50, and 100-year/24-hour storm events and the calculations are technically sound, or the PSCM Spreadsheet, Rate Worksheet was submitted.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>32. 102.8(g)(3) – Rate requirements contained in an approved and current Act 167 Plan was used, and the Application Manager has confirmed that 1) the Act 167 Plan was approved within the past five years, and 2) the standard from the Plan was applied appropriately.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>33. 102.8(g)(3)(ii) – An alternative design standard has been proposed for managing the net change in peak rates and an adequate demonstration has been made that the alternative standard is at least as stringent as management of the net change for the 2, 10, 50, and 100-year/24-hour storm events.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>34. 102.8(g)(3) – Structural and non-structural BMPs were proposed that will eliminate or manage the net change in peak rates, and the calculations demonstrating this are technically sound or the PSCM Spreadsheet was used.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>35. 102.11(b) – Managed Release Concept (MRC) BMP(s) were proposed, MRC Design Summary Sheets were adequately completed, and MRC design standards have been met or alternative MRC design standards are considered technically sound.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>36. 102.8(b)(8) – There are wetlands on the project site and adequate efforts have been made to ensure no significant changes to pre-construction hydrology that would affect the wetlands.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
Footnotes:
1  An answer of FALSE to any of the following may be considered a technical deficiency: 2 and 3 (both), 4, 5.a (if 5 is TRUE), 6 – 18, 20, 21, 22 and 23 and 24 (all three), 25, 26, 29, 30, 31 and 32 and 33 (all three), 34, 35, and 36. If the project qualifies for site restoration then Questions 20 – 35 may be skipped.
2  A technical review of the PCSM Plan is not required for renewal NOIs or for amendment NOIs where there is no new earth disturbance.
3  If Question 1 is TRUE, the PCSM Technical Review Checklist will not be completed.

Application Manager’s Technical Review Comments:

PNDI Review:

☐ 102.6(a)(2) – PNDI search receipt contained no potential impacts and/or avoidance measures were signed by the applicant. ¹

☐ 102.6(a)(2) – PNDI clearance letter(s) from the appropriate agencies if 1) the PNDI receipt indicates “Potential Impact” or 2) the PNDI receipt indicates “Avoidance Measures” and the applicant has not signed the PNDI receipt indicating that the applicant will fulfill those Avoidance Measures were submitted. ¹

Footnote:
¹ Clearance applies to threatened and endangered species only (i.e., not species of special concern).

Public Comments:

☐ Public comments were received and considered during the review of the NOI.

☐ No public comments were received during the review of the NOI.
October 23, 2020

Bucks County Administrative Building
55 East Court Street
Doylestown, PA 18901

Subject: Sunoco Pipeline L.P.
Jacobs Creek Pipeline Repair
Upper Makefield, Bucks County, PA and Ewing and Hopewell Township, Mercer County, NJ

Reference: Act 14, 67, 68 and 127 Letter

STV Project No.: 38-16332

To Whom It May Concern:

The purpose of this municipal notice is to inform you that Sunoco Pipeline L.P. will be applying for the following permit coverage from the Pennsylvania Department of Environmental Protection (PADEP):

Project Name: Jacobs Creek Pipeline Repair
Permit Application: General Permit Application for Pennsylvania Chapter 105 Water Obstructions & Encroachment and Chapter 102 Permit
Applicant Name: Sunoco Pipeline L.P.
Applicant Contact: James McGinley
(Consultant) STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA 19518
610-385-8443

Municipality/County: Upper Makefield, Bucks County
Project Location: Please reference attached location map

Project Description:
STV Energy Services, Inc. (STV) has been retained by Sunoco Pipeline L.P. (SPLP) to provide engineering and environmental services for replacement of their existing 14-inch Twin Oaks to Newark petroleum products pipeline. SPLP plans to replace the existing line via horizontal directional drill to remediate an exposure in Jacobs Creek In Hopewell and Ewing Townships, Mercer County, New Jersey. Land use of the surrounding area primarily consists of residential areas. Additional temporary workspace is included within the limit of disturbance as necessary, and where possible, workspace has been reduced to avoid impacts to environmental resources. A project location map featuring the repair site is provided herein.

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipality(ies) and the county(ies) in which the permitted activity is located. The written notices shall be received by the municipality(ies) and county(ies) at least 30 days before the Department may issue or deny the permit. Acts 67 and 68 and 127, which amended the Municipalities Planning Code to support
sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. The Pennsylvania Department of Environmental Protection’s Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in DEP Review of Permits for Facilities and Infrastructure (DEP’s Land Use Policy) provides direction and guidance to DEP staff, permit applicants, and local and county governments for the implementation of Acts 67, 68, and 127 of 2000.

Enclosed is a General Permit Registration (GPR) Form we have completed for this project. DEP invites you to review the attached GPR and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process.

Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Permitting and Technical Services Section at:

Southeast Regional Office
2 East Main Street
Norristown, PA 19401-4915

Sincerely,

James McGinley
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA 19518
610-385-8443(desk)
610-655-7654(cell)
October 23, 2020

Upper Makefield Township
1076 Eagle Road
Newtown, PA 18940

Subject: Sunoco Pipeline L.P.
Jacobs Creek Pipeline Repair
Upper Makefield, Bucks County, PA and Ewing and Hopewell Township,
Mercer County, NJ

Reference: Act 14, 67, 68 and 127 Letter

STV Project No.: 38-16332

To Whom It May Concern:

The purpose of this municipal notice is to inform you that Sunoco Pipeline L.P. will be applying
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(PADEP):

**Project Name:** Jacobs Creek Pipeline Repair

**Permit Application:** General Permit Application for Pennsylvania Chapter 105 Water
Obstructions & Encroachment and Chapter 102 Permit

**Applicant Name:** Sunoco Pipeline L.P.

**Applicant Contact:**
James McGinley
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA 19518
610-385-8443

**Municipality/County:** Upper Makefield, Bucks County

**Project Location:** Please reference attached location map

**Project Description:**
STV Energy Services, Inc. (STV) has been retained by Sunoco Pipeline L.P. (SPLP) to provide
engineering and environmental services for replacement of their existing 14-inch Twin Oaks to
Newark petroleum products pipeline. SPLP plans to replace the existing line via horizontal
directional drill to remediate an exposure in Jacobs Creek In Hopewell and Ewing Townships,
Mercer County, New Jersey. Land use of the surrounding area primarily consists of residential
areas. Additional temporary workspace is included within the limit of disturbance as necessary,
and where possible, workspace has been reduced to avoid impacts to environmental resources. A
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municipality(ies) and county(ies) at least 30 days before the Department may issue or deny the
permit. Acts 67 and 68 and 127, which amended the Municipalities Planning Code to support
sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. The Pennsylvania Department of Environmental Protection’s Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in DEP Review of Permits for Facilities and Infrastructure (DEP’s Land Use Policy) provides direction and guidance to DEP staff, permit applicants, and local and county governments for the implementation of Acts 67, 68, and 127 of 2000.

Enclosed is a General Permit Registration (GPR) Form we have completed for this project. DEP invites you to review the attached GPR and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process.

Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Permitting and Technical Services Section at:

Southeast Regional Office
2 East Main Street
Norristown, PA 19401-4915

Sincerely,

James McGinley
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA 19518
610-385-8443 (desk)
610-655-7654 (cell)
December 18, 2020

Bucks County Conservation District
1456 Ferry Road, Suite 704
Doylestown, PA 18901-5550

Subject: Sunoco Pipeline LP
14-inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation
Upper Makefield Township, Bucks County, PA

Reference: NPDES Permit Application

STV Project No.: 38-16332

To Whom It May Concern:

On behalf of Sunoco Pipeline LP (SPLP), STV Energy Services (STV) is applying for an NPDES PAG-02 Permit Coverage under Title 25 Chapter 102 for the relocation of an existing exposed petroleum products pipeline. SPLP owns and operates a 14-inch welded steel high-pressure petroleum products pipeline that transports product from SPLP’s Twin Oaks Terminal to their Newark Facility. Near the confluence of Jacobs Creek and the Delaware River in Ewing and Hopewell Townships, Mercer County, New Jersey and Upper Makefield Township, Bucks County, Pennsylvania, the existing pipeline is located within the stream beds of the Delaware River and Jacobs Creek. The pipeline travels across the Delaware River from Pennsylvania and then up the Jacobs Creek streambed, through a large concrete and stone arch culvert which supports the Delaware and Raritan Canal and State Route 29. At this location, the pipeline is exposed within the stream bed of Jacobs Creek.

The Delaware and Raritan Canal parallels the Delaware River and New Jersey State Route 29 at this location, with Jacobs Creek bisecting them within a 24-foot wide rock and concrete arch culvert. The pipeline is exposed a total length of 301 feet within Jacobs Creek: 169-foot within the culvert, 3-feet upstream of the culvert and 129-feet downstream of the culvert. The creek bed is located approximately 30-35 feet below the highway and canal surface.

Horizontal directional drill (HDD) installation techniques will be used to install the proposed pipeline across the Delaware River and up Jacob’s Creek. The proposed HDD installation will be a 14-inch pipeline approximately 2,515-feet in length and approximately 85-feet deep under the Delaware and Jacob’s Creek stream beds, the concrete arch culvert and approximately 110-120 feet under the Delaware Raritan Canal and SR029

Going from PA into NJ in a west to east direction, the proposed HDD will cross under PA SR 32/River Road, the Delaware River, Jacobs Creek and the concrete culvert that supports Route 29 and the Delaware/Raritan Canal.

The proposed HDD will be installed from both the PA and NJ sides of the Delaware River.

On the PA side, the HDD entry point will be within a private residential property and the (3) 855-foot HDD pipeline strings will be assembled and tested within the same private residential and an additional residential/farm property. On the NJ side the HDD exit point will be within an existing
Gristmill private property and once the HDD drill and reaming process has been completed from the PA side the HDD drill rig will move to the NJ side or an additional smaller HDD rig will be installed on the NJ side to pull-back the 14-inch pipeline string that has been assembled on the PA side.

Access on the NJ side to the Gristmill property will be through a residential property off Creek Rim Drive and also from an existing Gristmill property driveway of off NJ SR029. The contractor will travel down the driveway and continue around the back of another private residence on the same property. Large construction equipment will use the other access location through an existing private residence property located off Creek Rim Drive.

Access on the PA side to the PA residential and residential farm properties will be off Oakdale Avenue.

The proposed HDD will be tied into the existing pipeline using trench installation techniques located land-side and outside of Jacob’s Creek and the Delaware River. On the NJ side approximately 394 feet of trenched pipe will be needed to tie-in the HDD installation Grist Mill property and on the PA side approximately 121 feet of trenched pipe will be needed to tie in the HDD installation within Oakdale Avenue.

Approximately 316 feet of the exposed pipe and 199-feet of exposed casing will be removed from Jacob’s Creek and the remaining existing pipeline will be abandoned in place and filled with grout. Access to the eastern end of the exposed pipe will be from the gristmill property into the middle of Jacob’s creek. Jacob’s Creek will be dammed off using sand bags or a port-a-dam to allow access into the stream and to the exposed pipe which will be cut and capped at this location. Access to the western end of the exposed pipe will along an existing Delaware Raritan Canal macadam path/road and down an existing cleared embankment into the middle of Jacob’s creek. Jacob’s Creek will be dammed off using sand bags or a port-a-dam to allow access into the stream and to the exposed pipe which will be cut and capped at this location. Once the exposed pipeline ends have been cut, the cut pipeline will be pulled through the culvert onto the Gristmill property where it will be cut into 20-foot joints and placed into roll-offs which will be hauled off-site and disposed of. All exposed pipeline removal activities will occur on the NJ side of the river. The remaining existing/abandoned pipeline will be grouted from the HDD land-side tie-in locations to the capped ends of the removed pipeline.

Items Included with this cover letter:
- Completed Original and Copy of the Notice of Intent for NPDES.
- Application Fee of $500 for NPDES General Permits.
- Disturbed Acreage Fee of $500 for 4,902 Disturbed Acres and NPDES General Permits.
- Two Copies of the County Act 14 Letter with Receipt.
- Two Copies of the Municipal Act 14 Letter with Receipt.
- Original and Copy of PNDI Receipts.
- Two Copies of PNDI Clearance Letters from Pennsylvania Fish and Boat Commission.
- Completed Copies of Original and Signed E&S Module 1.
- Completed Copies of Original and Signed PCSM Module 2.
- Two Copies of E&S Drawings.
- Bucks County Conservation District E&S Application
- Bucks County Conservation District E&S Review Fee
If additional information is requested by the township, please contact me at 610-858-2652 or James.Filoon@STVINC.com

Sincerely,

James Filoon

James Filoon, E.I.T.
STV Energy Services, Inc.
205 West Welsh Drive
Douglassville, PA 19518
610-858-2131
Susan Seykot

From: Filoon, James <James.Filoon@stvinc.com>
Sent: Thursday, January 21, 2021 2:47 PM
To: Susan Seykot
Cc: Colleen Armstrong - Sunoco Logistics (COLLEEN.ARMSTRONG@energytransfer.com);
    Antoni, Christopher D.; Weirsky, Edward J.
Subject: RE: 14-inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation

Susan,

Thank you for your completeness review and comments on the 14-inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation PAG-02 Submission. Please see responses below to the completeness comments and references to the attached revised documents.

1. Page 1, in the General Information section(#2), Could you please fill in the NAICS code that best describes the project?

   The NAICS code is 486910 for Pipeline Transportation of Refined Petroleum Products (See 2021_1-21 NOI REV PAGE 1)

2. In the Applicant Information, please add the 4 digit code to the zip.

   The applicant zipcode+4 is 19061-4800 (see 2021_1-21 NOI REV PAGE 1, 2021_1-21 BCCD Application REV)

3. Please fill in the Project location address. E&S has address as Oakdale Ave, Washington Crossing, PA, will also need zip+4 added.

   The Project Address is 106 OAKDALE AVE WASHINGTON CROSSING PA 18977-1430 (see 2021_1-21 NOI REV PAGE 3, 2021_1-21 BCCD Application REV)

If any other questions arise please let us know, thank you.

James Filoon, E.I.T.
Civil Engineering Specialist, STV
STV | 205 W Welsh Drive, Douglassville, PA 19518
(p) 610.385.8267 | (m) 610.858.2652 | (f) 610.385.8510
James.Filoon@stvinc.com

From: Susan Seykot <ssseykot@buckscccd.org>
Sent: Thursday, January 21, 2021 12:15 PM
To: colleen.armstrong@energytransfer.com; Antoni, Christopher D. <CHRISTOPHER.ANTONI@stvinc.com>
Subject: 14-inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation

**This e-mail is from outside STV**
Good Morning Colleen,

We have performed our portion of the NOI completeness review and found the following items that needs to be addressed:

4. Page 1, in the General Information section(#2), Could you please fill in the NAICS code that best describes the project?
5. In the Applicant information, please add the 4 digit code to the zip.
6. Please fill in the Project location address. E&S has address as Oakdale Ave, Washington Crossing, PA, will also need zip+4 added.

Please send this today, by email if possible.

Thank you so much,

Susan Seykot
Chapter 102 / NPDES Administrative Coordinator

Bucks County Conservation District
1456 Ferry Road, Suite 704
Doylestown, Pa 18901
Phone: 215.345.7577
Email: ssseykot@bucksccd.org

Please consider the environment before printing this e-mail.

Redesigned and rebuilt: visit our new website at www.stvinc.com

The information contained in this electronic message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are informed that any dissemination, copying or disclosure of the material contained herein, in whole or in part, is strictly prohibited. If you have received this transmission in error, please notify STV and purge this message.
Project Manager – Jason

Application Type: General NPDES

Project: 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Restoration

TMP#: 47-24-1, 47-24-2-1, 47-24-23

Administrator’s Completeness Review

Date Project Received: 1/15/2021 Review Complete as of: 1/22/2021

Technician Completeness Review / Review Due by: 2/8/2021

Administrative Review Complete as of: _________________

Administrative Review Incomplete as of: _________________

E&S Review Performed: yes no

Return to me when the technical review is complete.

Thanks,
Sue

Was there a pre-application Meeting? Yes or No

If yes, please give the date: _______________
DATE: 5/26/2021

TO: Bucks County Conservation District
    1456 Ferry Rd STE 704
    Doylestown, PA 18901

ATTENTION: Jason Maurer

FROM: James Filoon

TITLE: Civil Engineering Specialist

JOB NO. (STV): 38-16332

REFERENCE: 14-Inch Twin Oaks to Newark Jacobs Creek Pipeline Relocation Project

HOW IT IS BEING SENT:
- STANDARD OVERNIGHT (next afternoon)

WHAT IS BEING SENT:
- SHOP DRAWINGS
- PRINTS
- SEPIAS
- MYLARS
- SAMPLES
- CHANGE ORDERS

ACTION CODES:
- (A) INDICATED ON ITEM
- (B) SEE REMARKS
- (C) FOR YOUR USE
- (D) AS REQUESTED
- (E) FOR INFORMATION ONLY
- (F) FOR REVIEW & COMMENT
- (G) FOR APPROVAL

ITEM | REV. NO. | QUANTITY | DESCRIPTION | ACTION CODE
--- | --- | --- | --- | ---
1) | H | 1 | IFP Drawings Sheets 701, 702 and 705 | D
2) |
3) |
4) |

REMARKS:
Please see attached Rev H drawings for your review.

SIGNED

AN EMPLOYEE-OWNED COMPANY PROVIDING QUALITY SERVICE SINCE 1913

205 WEST WELSH DRIVE
DOUGLASVILLE, PENNSYLVANIA 19518-8713
(610) 383-8200 FAX: (610) 383-8500