



July 6, 2016

Gary A. Smith, Fisheries Biologist  
PA Fish & Boat Commission  
Division of Environmental Services, Natural Gas Section  
236 Lake Road  
Somerset, PA 15501

**RE: Sunoco Pipeline, L.P. – Pennsylvania Pipeline Project  
Seasonal Construction Restriction Requests for Trout Waters in PADEP Southcentral  
Region – Blair to Berks Counties**

Dear Mr. Smith,

On behalf of Sunoco Pipeline, L.P. (SPLP), Tetra Tech, Inc. (Tetra Tech) requests the Pennsylvania Fish and Boat Commission's (PAFBC's) review of this request to clarify allowable activities and remove seasonal trout stream construction restrictions at specific stream crossings for SPLP's Pennsylvania Pipeline Project (Project). This request covers where the project is aligned within the Pennsylvania Department of Environmental Protection's (PADEP's) Southcentral Region and includes the crossing of the pipelines through Blair, Huntingdon, Juniata, Perry, Cumberland, York, Dauphin, Lebanon, Lancaster, and Berks counties. We appreciate your forward of the PAFBC's October 2015 comments that were provided to PADEP regarding the project's Chapter 105 Water Obstruction and Encroachment Permit application. In those documents, the PAFBC provided recommendations for seasonal trout stream restrictions on in-stream construction activities. Those comment documents provided to PADEP are included in Attachment A.

PAFBC is aware the restrictions are numerous and distributed across almost every county and at a variety of times of the year. Given the linear nature of the project, un-impeded access to the right-of-way (ROW) and extra workspaces is important to keep each phase of the project moving and in essence shorten the duration of the installation process. A shorter construction schedule mutually benefits several stakeholders, including SPLP, the Commonwealth, private landowners, and the natural environment.

A shorter duration allows the project to move faster from initial earth disturbance to final restoration. A shorter duration provides less exposure of the disturbed areas to the elements and provides less risk to the Commonwealth waters due to erosion and sedimentation. In addition, un-impeded access causes less construction "move-arounds", where crews and heavy equipment need to be hauled from one location to another rather than progressing through an area. Move-arounds are a major safety concern as they require roadways to be traffic controlled and crews to facilitate heavy equipment loading and unloading. Roadway traffic with work equipment is greatly increased. Impeded access also causes increased traffic and disturbance down the ROW. Doubling back will be required at restricted locations, whereas normal access would allow for a single pass of each construction phase.

SPLP is very aware of the importance of the trout fishery (stocked and naturally reproducing) to the ecology of each area, as well as the economic and recreational importance of the fishery to the Commonwealth and is intent on adhering to the PAFBC restrictions. To plan for more efficient and safer construction and ensure compliance with the restrictions, SPLP requests clarification in regards to what construction activities would be allowed during the construction restrictions and the reconsideration of the application of the restriction on the particular waters identified.

**Tetra Tech**

301 Ellicott St, Buffalo, New York 14203  
Tel 716.849.9419 Fax 716.849.9420 [www.tetratech.com](http://www.tetratech.com)

### Clarification Request

Installation and use of temporary equipment bridges is important to keep all phases of the project moving reducing overall construction duration. SPLP plans to install and use equipment bridges at restricted streams before, during, and after the restriction, with the understanding that the bridges will be installed above the ordinary high-water mark and used without in-stream disturbance. SPLP also plans to install equipment bridges that require an in-stream support before the restriction period for use during the restriction period. In-stream support is generally required at streams with a width greater than 15 feet. The streams where a mid-stream support will be needed are identified in Attachment B and photographs provided in Attachment C. Additionally, no materials or equipment will enter the stream below ordinary high water during construction of the bridges. SPLP feels that these actions meet the stipulation of no-instream work during the restriction periods and seek PAFBC concurrence with our approach to equipment bridge installation so compliance can be ensured.

### Restriction Waiver Request

SPLP has reviewed each restricted water and requests a waiver of the restriction placed on the list of streams provided in Attachment B. SPLP is requesting the waiver due the ephemeral flow regime of these streams, limited disturbance associated with installation, and use of approved BMPs to control erosion and sedimentation. A digital version of the Erosion and Sediment Control Plans (including typicals and site specific crossings where applicable) is provided in Attachment D (CD).

The streams where SPLP is requests a waiver have been field delineated as ephemeral and are minor in size. Photographs of each of these streams listed in Attachment B are provided in Attachment C. We understand that the PAFBC's main concern at these waters is the indirect impacts to downstream trout inhabited waters from project related sedimentation. Although SPLP has a 50-foot-wide construction ROW through these streams, in-stream disturbance is limited to the trench line. The travel lane will be bridged and the trenching of these streams will be from the bank. Spoil is placed outside of the banks and protected from re-entry through standard, PADEP approved erosion and sediment control BMPs. Travel through with heavy equipment will not be allowed unless on an equipment bridge. The trench is excavated with equipment staged on the banks. If the stream is flowing during the construction, a dry crossing technique will be implement to ensure unimpeded stream flow. Crossings of these minor waters are completed within a 24 hour period. The PADEP Chapter 105 and 102 permits will be adhered to and followed to ensure erosion and sedimentation is controlled to its fullest extent. Given the minor nature of the impacts, short duration, lack of perennial or intermittent flow, SPLP feels that larger benefits of allowing un-impeded construction through these areas will allow for greater protection of the Commonwealth's waters and increase project safety.

All appropriate federal, state, and local permits are either on file or currently being processed. No construction of the Project in regulated areas will commence until all authorizations, permits, and permissions are obtained by SPLP. SPLP will notify PAFBC when construction commences and welcome any field visits by PAFBC during construction.

SPLP appreciates your review of this request and have provided latest project workspaces and aquatic resource ArcGIS shapefiles on the enclosed CD to help facilitate your review. If any additional information is needed, please contact me by phone at (716)-849-9419 or by email at Brad.Schaeffer@TetraTech.com

Sincerely,  
Tetra Tech, Inc.



Brad Schaeffer  
Environmental Project Manager

Enclosures  
Attachments

Cc: Matthew Gordon, SXL  
Chris Embry, SXL  
Monica Styles, SXL  
Pat Green, Tetra Tech  
Rob Simcik, Tetra Tech  
Sandy Lare, Tetra Tech

**Attachment A**  
**PAFBC Timing Restriction Recommendations to PADEP**

**SUBJECT: Sunoco Pipeline LP**

Berks County  
 Brecknock, Township of; Caernarvon,  
 Township of; Cumru, Township of; New  
 Morgan, Borough of; Robeson, Township of;  
 South Heidelberg, Township of; Spring,  
 Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

Date Received By PFBC: 9/14/2015

Permit No.: E06-701

Permit Type: Encroachment

**Contact Information:**

DEP-Reviewing Biologist: Andrew McDonald

PFBC Reviewer: Gary Smith

**Project Description**

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

**Project Location/PFBC Stream Management:**

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.286300	-76.101100	UNT to Little Cocalico Creek	Little Cocalico Creek	No	No
40.293000	-76.087100	Cacoosing Creek	Tulpehocken Creek	No	Yes
40.315800	-76.042500	Cacoosing Creek	Tulpehocken Creek	No	Yes
40.280500	-76.028000	Little Muddy Creek	Muddy Creek	Yes	No
40.255800	-75.991300	Wyomissing Creek	Schuylkill River	No	Yes
40.228200	-75.955100	Allegheny Creek	Schuylkill River	No	Yes
40.209400	-75.926100	Rock Run (Bowmansville)	Muddy Creek	No	Yes
40.199900	-75.911700	Hay Creek	Schuylkill River	No	Yes
40.169800	-75.862700	East Branch Conestoga River	Conestoga River	No	No

**Specific Project  
 Comments:**

The Pennsylvania Fish and Boat Commission manages Wyomissing Creek and Hay Creek as naturally reproducing, Class A wild trout streams. Class A wild trout stream comprise less than 2% of the flowing water resources in Pennsylvania. Class A wild trout streams support robust populations of naturally reproducing wild trout due to a significant biological, ecological, or environmental condition within the watershed. The PFBC recommends an instream construction restriction for crossings on these streams and tributaries listed in the table below from October 1 through April 1 to protect spawning, egg deposition and incubation, and fry emergence life stage activities of the wild trout population. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly.

The Pennsylvania Fish and Boat Commission manages Cacoosing Creek as a naturally reproducing, wild trout stream. In 2015, the PFBC surveyed Cacoosing Creek and found a Class A wild trout population. Cacoosing Creek is in the process of being added to the Class A wild trout list. The PFBC recommends an instream construction restriction for crossings on this stream and its tributaries listed in the table below from October 1 through April 1 to protect spawning, egg deposition and incubation, and fry emergence life stage activities of the wild trout population. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly.

The Pennsylvania Fish and Boat Commission manages sections of Allegheny Creek and Rock Run (Bowmansville) also known as UNT to Muddy Creek, as naturally reproducing, wild trout streams. The PFBC recommends an instream construction restriction for crossings on these streams and their tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout population. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC manages Little Cocalico Creek, Little Muddy Creek, Wyomissing Creek, Allegheny Creek, Rock Run (Bowmansville) also known as UNT to Muddy Creek, and Hay Creek as stocked trout waters. The PFBC will not require a stocked trout instream construction restriction period for crossings on these streams and their tributaries, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-B22	Cacoosing Creek	-76.0871, 40.2930	October 1 to April 1
S-B43	UNT to Cacoosing Creek	-76.0315, 40.2868	October 1 to April 1
S-B45	UNT to Cacoosing Creek	-76.0299, 40.2898	October 1 to April 1
S-B46	UNT to Cacoosing Creek	-76.0295, 40.2903	October 1 to April 1
S-K76	UNT to Cacoosing Creek	-76.0292, 40.2900	October 1 to April 1
S-K77	UNT to Cacoosing Creek	-76.0286, 40.2902	October 1 to April 1
S-B47	UNT to Cacoosing Creek	-76.0795, 40.2971	October 1 to April 1
S-B49	UNT to Cacoosing Creek	-76.0645, 40.3042	October 1 to April 1
S-B50	Cacoosing Creek	-76.0425, 40.3158	October 1 to April 1
S-C30	UNT to Cacoosing Creek	-76.0256, 40.3031	October 1 to April 1
S-C31	UNT to Cacoosing Creek	-76.0237, 40.2985	October 1 to April 1
S-C32	UNT to Cacoosing Creek	-76.0233, 40.2969	October 1 to April 1
S-C33	UNT to Cacoosing Creek	-76.0249, 40.2946	October 1 to April 1
S-B31	UNT to Wyomissing Creek	-76.0062, 40.2719	October 1 to April 1
S-B32	UNT to Wyomissing Creek	-76.0033, 40.2688	October 1 to April 1
S-B33	UNT to Wyomissing Creek	-75.9953, 40.2612	October 1 to April 1
S-B29	Allegheny Creek	-75.9551, 40.2282	October 1 to December 31

S-B27	UNT to Allegheny Creek	-75.9544, 40.2275	October 1 to December 31
S-B28	UNT to Allegheny Creek	-75.9547, 40.2279	October 1 to December 31
S-B30	UNT to Allegheny Creek	-75.9648, 40.2344	October 1 to December 31
S-C1	UNT to Allegheny Creek	-75.9826, 40.2470	October 1 to December 31
S-C2	UNT to Allegheny Creek	-75.9823, 40.2464	October 1 to December 31
S-C7	UNT to Allegheny Creek	-75.9697, 40.2374	October 1 to December 31
S-C101	UNT to Allegheny Creek	-75.9415, 40.2193	October 1 to December 31
S-C102	UNT to Allegheny Creek	-75.9412, 40.2192	October 1 to December 31
S-H23	Rock Run (Bowmansville) also known as UNT to Muddy Creek	-75.9261, 40.2094	October 1 to December 31
S-H21	UNT to Rock Run (Bowmansville)	-75.9176, 40.2040	October 1 to December 31
S-H22	UNT to Rock Run (Bowmansville)	-75.9258, 40.2090	October 1 to December 31
S-C103	UNT to Rock Run (Bowmansville)	-75.9370, 40.2160	October 1 to December 31
S-C104	UNT to Rock Run (Bowmansville)	-75.9368, 40.2158	October 1 to December 31
S-C107	UNT to Rock Run (Bowmansville)	-75.9291, 40.2115	October 1 to December 31
S-C108	UNT to Rock Run (Bowmansville)	-75.9282, 40.2108	October 1 to December 31
S-H13	Hay Creek	-75.9117, 40.1999	October 1 to April 1
S-H16	UNT to Hay Creek	-75.9058, 40.1964	October 1 to April 1
S-H17	UNT to Hay Creek	-75.8974, 40.1910	October 1 to April 1
S-H18	UNT to Hay Creek	-75.8961, 40.1907	October 1 to April 1
S-Q90	UNT to Hay Creek	-75.8910, 40.1886	October 1 to April 1

*Mary A. Smith*

(PFBC Division of Environmental Services)

Approved

☒

Not  
Approved

☐

See  
Comments

☐

Withdrawn

☐

10/14/2015

(Date)

(Approved)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**

Blair County  
 Allegheny, Township of; Blair, Township of;  
 Frankstown, Township of; Juniata, Township  
 of; Woodbury, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

Date Received By PFBC: 9/14/2015
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Permit No.: E07-459
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Permit Type: Encroachment
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**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

**Project Description**

<b>Type of work:</b> Pipeline project with multiple counties on CD's.
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**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

**Project Location/PFBC Stream Management:**

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.416700	-78.348300	Oldtown Run	Frankstown Branch Juniata River	No	No
40.413300	-78.373600	Frankstown Branch Juniata River	Juniata River	No	Yes
40.440300	-78.329500	Frankstown Branch Juniata River	Juniata River	No	Yes
40.434400	-78.296900	Frankstown Branch Juniata River	Juniata River	No	Yes
40.421000	-78.212300	Clover Creek	Frankstown Branch Juniata River	Yes	Yes
40.402700	-78.501500	Dry Run	Blair Gap Run	No	No
40.408900	-78.440800	Dry Run	Blair Gap Run	No	No
40.433100	-78.266800	Piney Creek	Frankstown Branch Juniata River	No	Yes
40.404400	-78.547400	Blair Run	Blair Gap Run	No	Yes

**Specific Project**  
**Comments:**



The Pennsylvania Fish and Boat Commission manages Piney Creek and Clover Creek as naturally reproducing, Class A wild trout streams. Class A wild trout stream comprise less than 2% of the flowing water resources in Pennsylvania. Class A wild trout streams support robust populations of naturally reproducing wild trout due to a significant biological, ecological, or environmental condition within the watershed. The PFBC recommends an instream construction restriction for crossings on these streams and tributaries listed in the table below from October 1 through April 1 to protect spawning, egg deposition and incubation, and fry emergence life stage activities of the wild trout population. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly.

The Pennsylvania Fish and Boat Commission manages Blair Run and Frankstown Branch Juniata River as naturally reproducing, wild trout streams. The PFBC recommends an instream construction restriction for crossings on these streams and their tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout population. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC surveyed Blair Gap Run and Poplar Run in 2006 and found that these two streams supported naturally reproducing wild trout populations. These two streams are in the process of being added to the list of streams that support naturally reproducing wild trout. The PFBC recommends an instream construction restriction for these streams and tributaries crossings listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout populations. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC manages Blair Gap Run, Poplar Run, Frankstown Branch Juniata River, and Clover Creek as stocked trout streams. The PFBC will not require a stocked trout instream construction restriction period for crossings on Blair Gap Run tributaries and Poplar Run tributaries, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries. The PFBC will not require a stocked trout instream construction restriction period for crossings on Frankstown Branch Juniata River and tributaries because those crossings are located downstream of the stocked trout section and will not impact the stocked trout fisheries. The PFBC will not require a stocked trout instream construction restriction period for the Clover Run crossing, because directional boring or similar technology will be used at this crossing and should not impact the stocked trout fisheries.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-L96	Blair Run	-78.5474, 40.4044	October 1 to December 31
S-L97	UNT to Blair Run	-78.5474, 40.4043	October 1 to December 31
S-L98	UNT to Blair Run	-78.5359, 40.4020	October 1 to December 31
S-M73	UNT to Blair Gap Run	-78.4690, 40.4070	October 1 to December 31
S-L83	UNT to Poplar Run	-78.5142, 40.4010	October 1 to December 31
S-Q58	UNT to Poplar Run	-78.5144, 40.4011	October 1 to December 31
S-BB44	Oldtown Run	-78.3483, 40.4167	October 1 to December 31
S-BB47	UNT to Oldtown Run	-78.3571, 40.4143	October 1 to December 31
S-BB49	UNT to Frankstown Branch Juniata River	-78.3808, 40.4152	October 1 to December 31
S-BB96	UNT to Frankstown Branch Juniata River	-78.3226, 40.4472	October 1 to December 31
S-L69	UNT to Frankstown Branch Juniata River	-78.3227, 40.4472	October 1 to December 31
S-L72	UNT to Frankstown Branch Juniata River	-78.3241, 40.4462	October 1 to December 31
S-L74	UNT to Frankstown Branch Juniata River	-78.3237, 40.4460	October 1 to December 31
S-L76	UNT to Frankstown Branch Juniata River	-78.3246, 40.4445	October 1 to December 31
S-L68	UNT to Frankstown Branch Juniata River	-78.3148, 40.4456	October 1 to December 31
S-M38	UNT to Frankstown Branch Juniata River	-78.2934, 40.4335	October 1 to December 31
S-M35	UNT to Piney Creek	-78.2778, 40.4355	October 1 to April 1

Mary A. Smith

(PFBC Division of Environmental Services)

Approved

☒

Not  
Approved

☐

See  
Comments

☐

Withdrawn

☐

(Approved)

10/6/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**

Cumberland County  
 Lower Allen, Township of; Lower Frankford,  
 Township of; Lower Mifflin, Township of;  
 Middlesex, Township of; Monroe, Township of;  
 North Middleton, Township of; Silver Spring,  
 Township of; Upper Allen, Township of; Upper  
 Frankford, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

Date Received By PFBC: 9/14/2015
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Permit No.: E21-449
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Permit Type: Encroachment
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**Contact Information:**

DEP-Reviewing Biologist: Andrew McDonald
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PFBC Reviewer: Gary Smith
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**Project Description**

<b>Type of work:</b> Pipeline project with multiple counties on CD's.
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**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

**Project Location/PFBC Stream Management:**

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.251300	-77.446000	Doubling Gap Creek	Conodoguinet Creek	No	Yes
40.245900	-77.410200	Rock Run	Conodoguinet Creek	No	No
40.245600	-77.388700	Unt To Conodoguinet Creek (rm 53.56)	Conodoguinet Creek	No	No
40.245000	-77.349000	Bloser Creek	Conodoguinet Creek	No	No
40.244200	-77.323100	Locust Creek	Conodoguinet Creek	No	No
40.242100	-77.282600	Opossum Creek	Conodoguinet Creek	Yes	No
40.239700	-77.215200	Meetinghouse Run	Conodoguinet Creek	No	No
40.238900	-77.178100	Conodoguinet Creek	Susquehanna River	Yes	Yes
40.228500	-77.140200	Letort Spring Run	Conodoguinet Creek	No	Yes
40.216300	-77.079100	Hogestown Run	Conodoguinet Creek	No	No
40.191100	-76.909100	Yellow Breeches Creek	Susquehanna River	Yes	No


**Specific Project**  
**Comments:**

The Pennsylvania Fish and Boat Commission manages Letort Spring Run as a naturally reproducing, Class A wild trout stream. Class A wild trout stream comprise less than 2% of the flowing water resources in Pennsylvania. Class A wild trout streams support robust populations of naturally reproducing wild trout due to a significant biological, ecological, or environmental condition within the watershed. The PFBC recommends an instream construction restriction on an UNT to Letort Spring Run crossing listed in the table below from October 1 through April 1 to protect spawning, egg deposition and incubation, and fry emergence life stage activities of the wild trout population. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly.

The Pennsylvania Fish and Boat Commission manages sections of Doubling Gap Creek, Conodoguinet Creek, and Yellow Breeches Creek as naturally reproducing, wild trout streams. The PFBC does not recommend instream construction restrictions for crossings on these streams and their tributaries because the crossings are located downstream of the wild trout sections.

The PFBC manages Conodoguinet Creek, Opossum Lake, and Yellow Breeches Creek as stocked trout waters. The PFBC recommends an instream construction restriction period for crossings on Opossum Creek and its tributaries and UNT to Yellow Breeches Creek listed in the table below from March 1 through June 15 to avoid interference with recreational angling activities. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC will not require a stocked trout instream construction restriction period for crossings on Conodoguinet Creek and its tributaries, because those crossing are located downstream of the stocked trout section. The PFBC will not require a stocked trout instream construction restriction period for crossings on Yellow Breeches Creek and some of its tributaries, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries or HDD will be used.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-I67	UNT to Opossum Creek	-77.2788, 40.2421	March 1 to June 15
S-I69	Opossum Creek	-77.2826, 40.2421	March 1 to June 15
S-I50	UNT to Letort Spring Run	-77.1442, 40.2287	October 1 to April 1
S-H69	UNT to Yellow Breeches Creek	-76.9331, 40.1920	March 1 to June 15
S-H70	UNT to Yellow Breeches Creek	-76.9330, 40.1923	March 1 to June 15
S-H71	UNT to Yellow Breeches Creek	-76.9340, 40.1921	March 1 to June 15



(PFBC Division of Environmental Services)

Approved ☒ Not Approved ☐

See Comments ☐ Withdrawn ☐

(Approved)

10/8/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**

Dauphin County  
 Conewago, Township of; Derry, Township of;  
 Highspire, Borough of; Londonderry, Township  
 of; Lower Swatara, Township of; Middletown,  
 Borough of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

Date Received By PFBC: 9/14/2015

Permit No.: E22-619

Permit Type: Encroachment

**Contact Information:**

DEP-Reviewing Biologist: Andrew McDonald

PFBC Reviewer: Gary Smith

**Project Description**

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

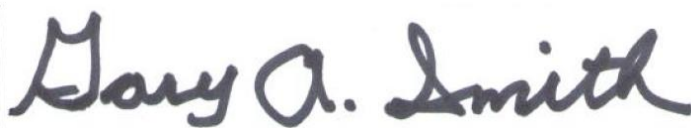
**Project Location/PFBC Stream Management:**

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.200400	-76.790800	Susquehanna River		No	No
40.219200	-76.724600	Swatara Creek	Susquehanna River	No	No
40.233500	-76.673300	UNT to Iron Run	Iron Run	No	No
40.252600	-76.595700	UNT to Spring Creek	Spring Creek	No	No

**Specific Project Comments:**

The Pennsylvania Fish and Boat Commission found no significant impact to the aquatic resources of Dauphin County as a result of the proposed actions of this project as long as all required E&S Controls are properly implemented. This finding was a result of a permit application review. An actual field assessment may reveal additional information not presented in the permit application.

I recommend that any release of sediment to the stream should be reason to initiate contact with the PFBC Bureau of Law Enforcement to address these issues. Any unauthorized disturbance, unpermitted discharge, or release of sediment(s) that is determined to be a pollution event (generally described <http://www.fish.state.pa.us/fishpub/summary/reporting.html>) per the Pennsylvania Fish and Boat Code will be subject to the appropriate legal enforcement action. PFBC Bureau of Law Enforcement Regional Offices (NC 814-359-5250; NE 570-477-5717; NW 814-337-0444; SW 814-445-8974)



(PFBC Division of Environmental Services)

Approved ☒ Not Approved ☐  
 See Comments ☐ Withdrawn ☐

10/9/2015

(Date)

(Approved)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**  
 Huntingdon County  
 Penn, Township of; Shirley, Township of; Tell,  
 Township of; Union, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO    ☐ SWRO    ☐ NERO    ☐ Central  
☐ NCRO    ☒ SCRO    ☐ SERO    ☐ Office

**Date Received By PFBC: 9/14/2015**

**Permit No.: E31-234**

**Permit Type:** Encroachment

**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

### Project Description

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

### Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.396700	-78.132600	James Creek	Raystown Lake	No	No
40.357900	-78.012100	Little Trough Creek	Great Trough Creek	No	No
40.353800	-77.989400	Smith Run	Juniata River	No	No
40.351400	-77.972600	Hares Valley Creek	Juniata River	Yes	No
40.345500	-77.947200	Scrub Run	Juniata River	No	No
40.342900	-77.940900	Singers Gap Run	Hill Valley Creek	No	No
40.338700	-77.904100	Hill Valley Creek	Juniata River	No	No
40.343600	-77.852200	Aughwick Creek	Juniata River	No	No
40.333200	-77.827600	Fort Run	Aughwick Creek	No	No
40.321500	-77.787900	Blacklog Creek	Aughwick Creek	Yes	No
40.312500	-77.745600	George Creek	Tuscarora Creek	No	No

**Specific Project**  
**Comments:**

The Pennsylvania Fish and Boat Commission manages Blacklog Creek from its headwaters downstream to Trough Creek Reservoir #1 as a naturally reproducing, wild trout stream. The crossings on Blacklog Creek and its tributaries are located downstream of the wild trout section; therefore the PFBC does not recommend wild trout instream construction restrictions for these crossings.

As part of PFBC's Unassessed Waters Program, George Creek was surveyed in 2014 and found to support a naturally reproducing wild trout population. George Creek is in the process of being added to the list of streams that support naturally reproducing wild trout. The PFBC recommends an instream construction restriction for crossings on this stream and its tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout populations. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC manages Hares Valley Creek and Blacklog Creek as stocked trout streams. The PFBC recommends an instream construction restriction period for crossings on Blacklog Creek and its tributaries listed in the table below from March 1 through June 15 to avoid interference with recreational angling activities. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC will not require a stocked trout instream construction restriction period for the crossing on UNT to Blacklog Creek (S-M3) because it is greater than 0.5 miles upstream of the stocked trout section and should not impact the stocked trout fisheries. The PFBC will not require a stocked trout instream construction restriction period for crossings on Hares Valley Creek and its tributaries because those crossings are located greater than 0.5 miles upstream of the stocked trout section and should not impact the stocked trout fisheries.

To determine whether a stream qualifies for an Aids to Navigation (ATON) Plan, we reference Keystone Canoeing by Edward Gertler. This is a guide to canoeable waters of Pennsylvania. The section of Blacklog Creek where the crossing is located is listed as canoeable water. Please have the applicant coordinate with Thomas J. Burrell of the PA Fish and Boat Commission to ensure safe navigation occurs in the project area at the Blacklog Creek crossing and to determine if an ATON Plan is required.

Thomas J Burrell, Captain  
Waterways Conservation Officer Manager  
Pa Fish & Boat Commission  
PO Box 67000  
Harrisburg, PA 17106  
717-705-7838  
tburrell@pa.gov

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-K94	Blacklog Creek	-77.7879, 40.3215	March 1 to June 15
S-M1	UNT to Blacklog Creek	-77.7914, 40.3219	March 1 to June 15
S-M2	UNT to Blacklog Creek	-77.7947, 40.3224	March 1 to June 15
S-K95	UNT to Blacklog Creek	-77.7846, 40.3205	March 1 to June 15
S-K96	UNT to Blacklog Creek	-77.7815, 40.3199	March 1 to June 15
S-L21	UNT to Blacklog Creek	-77.7794, 40.3195	March 1 to June 15
S-K90	George Creek	-77.7456, 40.3125	October 1 to December 31
S-K82	UNT to George Creek	-77.7251, 40.3071	October 1 to December 31
S-K83	UNT to George Creek	-77.7258, 40.3075	October 1 to December 31
S-K84	UNT to George Creek	-77.7260, 40.3074	October 1 to December 31
S-K85	UNT to George Creek	-77.7334, 40.3092	October 1 to December 31
S-K87	UNT to George Creek	-77.7372, 40.3103	October 1 to December 31
S-K88	UNT to George Creek	-77.7390, 40.3107	October 1 to December 31
S-K89	UNT to George Creek	-77.7400, 40.3111	October 1 to December 31



S-K91	UNT to George Creek	-77.7479, 40.3132	October 1 to December 31
S-K93	UNT to George Creek	-77.7487, 40.3131	October 1 to December 31
S-L13	UNT to George Creek	-77.7542, 40.3142	October 1 to December 31
S-L14	UNT to George Creek	-77.7544, 40.3142	October 1 to December 31
S-L15	UNT to George Creek	-77.7550, 40.3144	October 1 to December 31
S-L16	UNT to George Creek	-77.7587, 40.3150	October 1 to December 31
S-L18	UNT to George Creek	-77.7598, 40.3153	October 1 to December 31
S-L19	UNT to George Creek	-77.7620, 40.3154	October 1 to December 31

*Mary A. Smith*

(PFBC Division of Environmental Services)

Approved

☒

Not  
Approved

☐

See  
Comments

☐

Withdrawn

☐

(Approved)

10/6/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**  
 Juniata County  
 Lack, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO    ☐ SWRO    ☐ NERO    ☐ Central  
☐ NCRO    ☒ SCRO    ☐ SERO    ☐ Office

**Date Received By PFBC: 9/14/2015**

**Permit No.: E34-136**

**Permit Type:** Encroachment

**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

### Project Description

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

### Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.301400	-77.696500	Tuscarora Creek	Juniata River	Yes	No

### Specific Project

#### Comments:

The PFBC manages Tuscarora Creek as a stocked trout stream. The PFBC will not require a stocked trout instream construction restriction period for the Tuscarora Creek crossing, because directional boring or similar technology will be used at this crossing and should not impact the stocked trout fisheries. The PFBC will not require a stocked trout instream construction restriction period for UNT to Tuscarora Creek crossings because they are greater than 0.5 miles upstream of the stocked trout section and should not impact the stocked trout fisheries.

As part of PFBC's Unassessed Waters Program, George Creek was surveyed in 2014 and found to support a naturally reproducing wild trout population. George Creek is in the process of being added to the list of streams that support naturally reproducing wild trout. The PFBC recommends an instream construction restriction for crossings on this stream and its tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout populations. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-K80	UNT to George Creek	-77.7062, 40.3033	October 1 to December 31
S-L8	UNT to George Creek	-77.7055, 40.3032	October 1 to December 31
S-L9	UNT to George Creek	-77.7054, 40.3031	October 1 to December 31
S-L12	UNT to George Creek	-77.7043, 40.3029	October 1 to December 31

Mary A. Smith

(PFBC Division of Environmental Services)

Approved ☒ Not  
Approved ☐

See  
Comments ☐ Withdrawn ☐

(Approved)

10/6/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**  
 Lancaster County  
 Clay, Township of; West Cocalico, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO    ☐ SWRO    ☐ NERO    ☐ Central  
☐ NCRO    ☒ SCRO    ☐ SERO    ☐ Office

**Date Received By PFBC: 9/14/2015**

**Permit No.: E36-945**

**Permit Type:** Encroachment

**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

### Project Description

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

### Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.280300	-76.206800	Cocalico Creek	Conestoga River	No	No
40.282900	-76.151600	Harnish Run	Cocalico Creek	No	No
40.283300	-76.125800	UNT to Little Cocalico Creek	Little Cocalico Creek	No	No

### Specific Project

#### Comments:

The Pennsylvania Fish and Boat Commission manages Little Cocalico Creek as a stocked trout water. The PFBC will not require a stocked trout instream construction restriction period for crossings on UNTs to Little Cocalico Creek, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

The PFBC found no significant impact to the aquatic resources of Lancaster County as a result of the proposed actions of this project as long as all required E&S Controls are properly implemented. This finding was a result of a permit application review. An actual field assessment may reveal additional information not presented in the permit application.

I recommend that any release of sediment to the stream should be reason to initiate contact with the PFBC Bureau of Law Enforcement to address these issues. Any unauthorized disturbance, unpermitted discharge, or release of sediment(s) that is determined to be a pollution event (generally described <http://www.fish.state.pa.us/fishpub/summary/reporting.html>) per the Pennsylvania Fish and Boat Code will be subject to the appropriate legal enforcement action. PFBC Bureau of Law Enforcement Regional Offices (NC 814-359-5250; NE 570-477-5717; NW 814-337-0444; SW 814-445-8974)

Mary A. Smith

(PFBC Division of Environmental Services)

Approved ☒ Not  
Approved ☐

See  
Comments ☐ Withdrawn ☐

(Approved)

10/13/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**

Lebanon County  
 Cornwall, Borough of; Heidelberg, Township of;  
 South Annville, Township of; South Lebanon,  
 Township of; South Londonderry, Township of;  
 West Cornwall, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

Date Received By PFBC: 9/14/2015

Permit No.: E38-194

Permit Type: Encroachment

**Contact Information:**

DEP-Reviewing Biologist: Andrew McDonald

PFBC Reviewer: Gary Smith

**Project Description**

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

**Project Location/PFBC Stream Management:**

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.271300	-76.517900	Gingrich Run	Killinger Creek	No	No
40.278000	-76.487600	Bachman Run	Quittapahilla Creek	Yes	No
40.290300	-76.427500	Snitz Creek	Quittapahilla Creek	Yes	No
40.284400	-76.460100	Beck Creek	Quittapahilla Creek	No	No
40.287100	-76.350100	Hammer Creek	Cocalico Creek	Yes	Yes
40.286500	-76.329500	Hammer Creek	Cocalico Creek	No	Yes
40.286200	-76.315600	Unt To Hammer Creek	Hammer Creek	No	Yes
40.285300	-76.308600	Unt To Hammer Creek	Hammer Creek	No	Yes
40.285100	-76.240400	Middle Creek	Cocalico Creek	Yes	No

**Specific Project****Comments:**

The Pennsylvania Fish and Boat Commission manages Hammer Creek and an UNT to Hammer Creek as naturally reproducing, wild trout streams. The PFBC recommends an instream construction restriction for crossings on these streams and tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout population. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC surveyed Snitz Creek in 2006 and found that this stream supported a naturally reproducing wild trout population. This stream is in the process of being added to the list of streams that support naturally reproducing wild trout. The PFBC recommends an instream construction restriction for the Snitz Creek crossing listed in the table below

from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout populations. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC manages Bachman Run, Snitz Creek, Hammer Creek, and Middle Creek as stocked trout streams. The PFBC recommends an instream construction restriction period for the Snitz Creek crossing listed in the table below from March 1 through June 15 to avoid interference with recreational angling activities. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC will not require a stocked trout instream construction restriction period for crossings on Bachman Run, Hammer Creek, and Middle Creek and their tributaries, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-A17	Snitz Creek	-76.4275, 40.2903	March 1 to June 15 October 1 to December 31
S-A24	Hammer Creek	-76.3501, 40.2871	October 1 to December 31
S-A25	Hammer Creek	-76.3295, 40.2865	October 1 to December 31
S-A23	UNT to Hammer Creek	-76.3601, 40.2869	October 1 to December 31
S-A27	UNT to Hammer Creek	-76.3156, 40.2862	October 1 to December 31
S-A28	UNT to Hammer Creek	-76.3086, 40.2853	October 1 to December 31
S-H7	UNT to Hammer Creek	-76.2914, 40.2855	October 1 to December 31



(PFBC Division of Environmental Services)

Approved

☒

Not

Approved

☐

See  
Comments

☐

Withdrawn

☐

(Approved)

10/13/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**  
 Perry County  
 Jackson, Township of; Toboyne, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
 (DES)  
 450 Robinson Lane  
 Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO    ☐ SWRO    ☐ NERO    ☐ Central  
☐ NCRO    ☒ SCRO    ☐ SERO    ☐ Office

**Date Received By PFBC: 9/14/2015**

**Permit No.: E50-258**

**Permit Type:** Encroachment

**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

### Project Description

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

### Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.293100	-77.650400	Horse Valley Run	Tuscarora Creek	No	Yes
40.284200	-77.612500	Sherman Creek	Susquehanna River	No	Yes
40.278200	-77.573100	Shultz Creek	Sherman Creek	Yes	Yes
40.274000	-77.543100	Shaeffer Run	Bull Run	No	Yes
40.268500	-77.514700	Bull Run	Sherman Creek	Yes	No
40.262600	-77.491900	Laurel Run	Sherman Creek	No	Yes
40.261800	-77.489100	South Branch Laurel Run	Laurel Run	No	Yes

### Specific Project

#### Comments:

The Pennsylvania Fish and Boat Commission manages Sherman Creek from the confluence of Big Spring Run and Hemlock Run downstream to Tuscarora State Forest Boundary and Shaeffer Creek from Unnamed Tributary at second narrows downstream to Tuscarora State Forest Boundary as naturally reproducing, Class A wild trout streams. Class A wild trout stream comprise less than 2% of the flowing water resources in Pennsylvania. Class A wild trout streams support robust populations of naturally reproducing wild trout due to a significant biological, ecological, or environmental condition within the watershed. The PFBC recommends an instream construction restriction for crossings on these streams and tributaries listed in the table below from October 1 through April 1 to protect spawning, egg deposition and incubation, and fry emergence life stage activities of the wild trout population. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The UNT to Shaeffer Run enters Shaeffer Run downstream of the Class A section but within the wild trout section; therefore the crossings on the UNT to Shaeffer Run will have the October 1 to December 31 restriction.

The Pennsylvania Fish and Boat Commission manages Horse Valley Run, Shultz Creek, Laurel Run, and South Branch Laurel Run as naturally reproducing, wild trout streams. The PFBC recommends an instream construction



restriction for crossings on these streams and tributaries listed in the table below from October 1 through December 31 to protect spawning and egg deposition behavior of the wild trout population. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods.

The PFBC manages Horse Valley Run, Sherman Creek, Shultz Creek, and Bull Run as stocked trout streams. The PFBC recommends an instream construction restriction period for crossings on Shultz Creek and its tributaries listed in the table below from March 1 through June 15 to avoid interference with recreational angling activities. The PFBC recommends that the applicant and contractor understand the implications of this restriction and plan any and all instream construction work accordingly. The PFBC will not issue seasonal restriction waivers for crossings on these streams. The PFBC recommends directional boring or similar technology if the applicant finds it necessary to cross these streams during the seasonal restriction periods. The PFBC will not require a stocked trout instream construction restriction period for crossings on Horse Valley Run, Sherman Creek, and Bull Run and their tributaries, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-L4	UNT to Horse Valley Run	-77.6462, 40.2921	October 1 to December 31
S-K53	Sherman Creek	-77.6125, 40.2842	October 1 to April 1
S-K50	UNT to Sherman Creek	-77.5996, 40.2824	October 1 to April 1
S-K51	UNT to Sherman Creek	-77.6105, 40.2842	October 1 to April 1
S-K52	UNT to Sherman Creek	-77.6125, 40.2841	October 1 to April 1
S-L1	UNT to Sherman Creek	-77.6210, 40.2864	October 1 to April 1
S-L3	UNT to Sherman Creek	-77.6244, 40.2875	October 1 to April 1
S-Q65	Shultz Creek	-77.5731, 40.2782	March 1 to June 15 October 1 to December 31
S-Q63	UNT to Shultz Creek	-77.5752, 40.2788	March 1 to June 15 October 1 to December 31
S-Q64	UNT to Shultz Creek	-77.5754, 40.2787	March 1 to June 15 October 1 to December 31
S-Q66	UNT to Shultz Creek	-77.5721, 40.2783	March 1 to June 15 October 1 to December 31
S-Q67	UNT to Shultz Creek	-77.5715, 40.2781	March 1 to June 15 October 1 to December 31
S-K48	Shaeffer Run	-77.5431, 40.2740	October 1 to April 1
S-J72	UNT to Shaeffer Run	-77.5356, 40.2730	October 1 to December 31
S-J74	UNT to Shaeffer Run	-77.5395, 40.2735	October 1 to December 31
S-J75	UNT to Shaeffer Run	-77.5393, 40.2736	October 1 to December 31
S-J76	UNT to Shaeffer Run	-77.5396, 40.2736	October 1 to December 31
S-J60	Laurel Run	-77.4919, 40.2626	October 1 to December 31
S-J61	UNT to Laurel Run	-77.4909, 40.2622	October 1 to December 31
S-J64	UNT to Laurel Run	-77.4851, 40.2608	October 1 to December 31
S-J65	UNT to Laurel Run	-77.4846, 40.2606	October 1 to December 31
S-J68	UNT to Laurel Run	-77.4780, 40.2588	October 1 to December 31
S-J69	UNT to Laurel Run	-77.4776, 40.2587	October 1 to December 31
S-J62	South Branch Laurel Run	-77.4891, 40.2618	October 1 to December 31
S-J63	UNT to South Branch Laurel Run	-77.4896, 40.2621	October 1 to December 31

Mary A. Smith

(PFBC Division of Environmental Services)

Approved ☒ Not  
Approved ☐

See  
Comments ☐ Withdrawn ☐

(Approved)

10/8/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline LP**  
York County  
Fairview, Township of

**TO:** Pennsylvania Fish and Boat Commission-  
(DES)  
450 Robinson Lane  
Bellefonte, PA 16823

**FROM: (check one)**

☐ NWRO ☐ SWRO ☐ NERO ☐ Central  
☐ NCRO ☒ SCRO ☐ SERO ☐ Office

**Date Received By PFBC: 9/14/2015**

**Permit No.: E67-920**

**Permit Type:** Encroachment

**Contact Information:**

**DEP-Reviewing Biologist:** Andrew McDonald

**PFBC Reviewer:** Gary Smith

### Project Description

**Type of work:** Pipeline project with multiple counties on CD's.

**NOTE:** Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

### Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.192200	-76.895800	UNT to Yellow Breeches Creek (rm 6.61)	Yellow Breeches Creek	No	No
40.192300	-76.874900	UNT to Yellow Breeches Creek (rm 0.73)	Yellow Breeches Creek	No	No
40.191400	-76.841100	UNT to Marsh Run	Marsh Run	No	No
40.194300	-76.811700	UNT to Susquehanna River	Susquehanna River	No	No
40.198200	-76.801900	UNT to Susquehanna River	Susquehanna River	No	No

### Specific Project Comments:

The Pennsylvania Fish and Boat Commission manages Yellow Breeches Creek as a stocked trout water. The PFBC will not require a stocked trout instream construction restriction period for crossings on UNTs to Yellow Breeches Creek, because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

The PFBC found no significant impact to the aquatic resources of York County as a result of the proposed actions of this project as long as all required E&S Controls are properly implemented. This finding was a result of a permit application review. An actual field assessment may reveal additional information not presented in the permit application.

I recommend that any release of sediment to the stream should be reason to initiate contact with the PFBC Bureau of Law Enforcement to address these issues. Any unauthorized disturbance, unpermitted discharge, or release of sediment(s) that is determined to be a pollution event (generally described <http://www.fish.state.pa.us/fishpub/summary/reporting.html>) per the Pennsylvania Fish and Boat Code will be subject to the appropriate legal enforcement action. PFBC Bureau of Law Enforcement Regional Offices (NC 814-359-5250; NE 570-477-5717; NW 814-337-0444; SW 814-445-8974)

Mary A. Smith

(PFBC Division of Environmental Services)

Approved ☒ Not  
Approved ☐

See  
Comments ☐ Withdrawn ☐

(Approved)

10/8/2015

(Date)

**Pennsylvania Fish & Boat Commission**

**Attachment B**  
**Streams Where SPLP Requests a Timing Restriction Waiver**

County/ Permit Number	Stream ID	Stream Name	Flow Regime	Bank Width	Coordinates	Permanent Floodway Impact <sup>1</sup>	Temporary Floodway Impact <sup>2</sup>	Direct Impact <sup>3</sup>	Crossing Type	PAFBC Designation	No Construction <sup>4</sup>	In-stream Support Needed	Ephemeral Waiver Request
E07-459 Blair	S-L96	UNT to Blair Run	Perennial	15	40.4044 -78.5474	0.195	0.041	915	Dry Crossing	TNR	10/1-12/31	Y	n/a
E07-459 Blair	S-L98	UNT to Blair Run	Ephemeral	3	40.4020 -78.5359	0.123	0.043	153	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-L83	UNT to Poplar Run	Ephemeral	7	40.4010 -78.5142	0.343	0.123	1,274	Dry Crossing	Drains to STS, TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-M73	UNT to Blair Gap Run	Ephemeral	2	40.4070 -78.4690	0.118	0.046	104	Dry Crossing	STS, TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-BB44	Oldtown Run	Perennial	40	40.4167 -78.3483	0.091	-	2,000	Dry Crossing	Drains to TNR	10/1-12/31	Y	n/a
E07-459 Blair	S-L74	UNT to Frankstown Branch Juniata River	Ephemeral	3	40.4460 -78.3237	0.879	0.185	195	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-L69	UNT to Frankstown Branch Juniata River	Ephemeral	5	40.4472 -78.3227	0.879	0.185	695	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-BB96	UNT to Frankstown Branch Juniata River	Ephemeral	1.5	40.4472 -78.3226	0.879	0.185	147	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E07-459 Blair	S-L68	UNT to Frankstown Branch Juniata River	Ephemeral	3	40.4456 -78.3148	0.166	0.046	165	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E31-234 Huntingdon	S-L13	UNT to George Creek	Ephemeral	3	40.3142 -77.7542	0.496	0.051	195	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E31-234 Huntingdon	S-K89	UNT to George Creek	Ephemeral	2	40.3111 -77.7400	0.774	0.143	644	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E34-136 Juniata	S-L12	UNT to George Creek	Ephemeral	4	40.3029 -77.7043	1.045	0.238	1,656	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E34-136 Juniata	S-K73	UNT to Tuscarora Creek	Ephemeral	2	40.3008 -77.6934	0.139	0.032	114	Dry Crossing	Drains to ATW, STS	3/1-6/15	n/a	Y
E34-136 Juniata	S-K72	UNT to Tuscarora Creek	Ephemeral	4	40.3007 -77.6921	0.204	0.054	312	Dry Crossing	Drains to ATW, STS	3/1-6/15	n/a	Y
E34-136 Juniata	S-K63	UNT to Tuscarora Creek	Ephemeral	2	40.2983 -77.6783	0.275	0.053	194	Dry Crossing	Drains to ATW, STS	3/1-6/15	n/a	Y
E34-136 Juniata	S-K62	UNT to Tuscarora Creek	Ephemeral	2	40.2980 -77.6774	0.694	0.029	74	Dry Crossing	Drains to ATW, STS	3/1-6/15	n/a	Y
E34-136 Juniata	S-K56	UNT to Tuscarora Creek	Ephemeral	2	40.2974 -77.6740	0.652	0.100	130	Dry Crossing	Drains to ATW, STS	3/1-6/15	n/a	Y

County/ Permit Number	Stream ID	Stream Name	Flow Regime	Bank Width	Coordinates	Permanent Floodway Impact <sup>1</sup>	Temporary Floodway Impact <sup>2</sup>	Direct Impact <sup>3</sup>	Crossing Type	PAFBC Designation	No Construction <sup>4</sup>	In-stream Support Needed	Ephemeral Waiver Request
E50-258 Perry	S-K53	UNT to Sherman Creek	Perennial	25	40.2842 -77.6125	0.255	0.038	1,800	Dry Crossing	Class A, TNR	10/1-4/1	Y	n/a
E50-258 Perry	S-K52	UNT to Sherman Creek	Perennial	25	40.2841 -77.6125	0.255	0.038	1,200	Dry Crossing	Drains to Class A, TNR	10/1-4/1	Y	n/a
E50-258 Perry	S-K51	UNT to Sherman Creek	Ephemeral	3	40.2842 -77.6105	0.142	0.043	138	Dry Crossing	Drains to Class A, TNR	10/1-4/1	n/a	Y
E50- 258Perry	S-Q65	Schultz Creek	Perennial	16	40.2782- 77.5731	0.560	0.015	2,288	Dry Crossing	ATW, STS, TNR	3/1-6/15 and 10/1-12/31	Y	n/a
E50-258 Perry	S-K48	Shaeffer Run	Perennial	15	40.2740 -77.5431	0.203	0.050	1,005	Dry Crossing	Class A, TNR	10/1-4/1	Y	n/a
E50-258 Perry	S-J76	UNT to Schaeffer Run	Ephemeral	2	40.2739 -77.5398	0.294	0.041	124	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E50-258 Perry	S-J72	UNT to Schaeffer Run	Ephemeral	2	40.2730 -77.5356	0.154	0.052	68	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E50-258 Perry	S-J60	Laurel Run	Perennial	20	40.2626 -77.4919	0.168	0.037	1,320	Dry Crossing	TNR	10/1-12/31	Y	n/a
E50-258 Perry	S-J63	UNT to South Branch Laurel Run	Ephemeral	3	40.2621 -77.4896	0.343	-	297	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E50-258 Perry	S-J62	South Branch Laurel Run	Perennial	15	40.2618 -77.4891	0.343	-	1,980	Dry Crossing	TNR	10/1-12/31	Y	n/a
E50-258 Perry	S-J64	UNT to Laurel Run	Ephemeral	2	40.2608 -77.4851	0.356	0.096	112	Dry Crossing	Drains to TNR	10/1-12/31	n/a	Y
E21-449 Cumberland	S-I50	UNT to Letort Spring Run	Ephemeral	2	40.2287 -77.1442	0.181	0.042	114	Dry Crossing	Drains to Class A, TNR	10/1-4/1	n/a	Y
E38-194 Lebanon	S-A17	Snitz Creek	Perennial	25	40.2903 -76.4274	0.208	0.053	1,350	Dry Crossing	ATW, STS, TNR	3/1-6/15 and 10/1-12/31	Y	n/a
E38-194 Lebanon	S-A27	UNT to Hammer Creek	Perennial	17	40.2862 -76.3156	0.184	0.030	952	Dry Crossing	Drains to ATW, TNR	10/1-12/31	Y	n/a
E38-194 Lebanon	S-A28	UNT to Hammer Creek	Perennial	20	40.2853 -76.3086	0.186	0.057	1,000	Dry Crossing	Drains to ATW, TNR	10/1-12/31	Y	n/a
E06-701 Berk	S-B22	Cacoosing Creek	Perennial	18	40.2930 -76.0871	0.316	0.028	1,278	Dry Crossing	Class A, TNR	10/1-4/1	Y	n/a
E06-701 Berk	S-B47	UNT to Cacoosing Creek	Ephemeral	5	40.2971 -76.0795	0.255	0.050	365	Dry Crossing	Drains to Class A, TNR	10/1-4/1	n/a	Y
E06-701 Berk	S-B50	Cacoosing Creek	Perennial	25	40.3158 -76.0425	0.216	0.001	1,425	Dry Crossing	Class A, TNR	10/1-4/1	Y	n/a
E06-701 Berk	S-B45	UNT to Cacoosing Creek	Ephemeral	8	40.2898 -76.0299	0.425	0.119	424	Dry Crossing	Drains to Class A, TNR	10/1-4/1	n/a	Y
E06-701 Berk	S-C33	UNT to Cacoosing Creek	Perennial	15	40.2946 -76.0249	0.132	0.026	750	Dry Crossing	Drains to Class A, TNR	10/1-4/1	Y	n/a

County/ Permit Number	Stream ID	Stream Name	Flow Regime	Bank Width	Coordinates	Permanent Floodway Impact <sup>1</sup>	Temporary Floodway Impact <sup>2</sup>	Direct Impact <sup>3</sup>	Crossing Type	PAFBC Designation	No Construction <sup>4</sup>	In-stream Support Needed	Ephemeral Waiver Request
E06-701 Berks	S-C32	UNT to Cacoosing Creek	Ephemeral	2	40.2969 -76.0233	0.158	0.047	116	Dry Crossing	Drains to Class A, TNR	10/1-4/1	n/a	Y
E06-701 Berks	S-B29	Allegheny Creek	Perennial	15	40.2282 -75.9551	0.540	0.081	1,275	Dry Crossing	STS, TNR	10/1-12/31	Y	n/a
E06-701 Berks	S-H16	UNT to Hay Creek	Ephemeral	2	40.1964 -75.9058	0.168	0.015	112	Dry Crossing	Drains to Class A, TNR, STS	10/1-4/1	n/a	Y
E06-701 Berks	S-Q90	UNT to Hay Creek	Perennial	20	40.1889 -75.8909	0.216	0.209	1,560	Dry Crossing	Drains to Class A, TNR, STS	10/1-4/1	Y	n/a

#### Notes

1. Permanent Floodway Impact (acres) refers to the area of the 50-foot floodway or the designated FEMA floodway within the Permanently Maintained Right-of-Way. At most crossings, this is a 50-foot wide corridor. At travel lanes and clearing only areas, this is approximately 20 foot wide. In other HDDs, it is approximately 3 foot wide. Many streams share floodway impact with other streams due to overlap of mapped floodways.
2. Temporary Floodway Impact (acres) refers to the area of the 50-foot floodway or the designated FEMA floodway within the Temporary Construction Right-of-Way areas. Many streams share floodway impact with other streams due to overlap of mapped floodways.
3. Direct Impact (square foot) refers to the approximate square footage of substrate in the construction Right-of-Way. In general, much less of the substrate will actually be disturbed during construction due to the placement of bridges and dam/flume equipment. Trenches at stream crossings are much smaller than the actual workspace needed.
4. This is the trout stream construction restriction recommended by PAFBC to PADEP during consultation.



**Attachment C**  
**Photolog**

## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Blair  
**Permit No.:** E07-459



**Photo No.:** 1  
**Comments:** S-L96  
**Direction:** Upstream



**Photo No.:** 2  
**Comments:** S-L96  
**Direction:** Downstream



**Photo No.:** 3  
**Comments:** S-L98  
**Direction:** Upstream



**Photo No.:** 4  
**Comments:** S-L98  
**Direction:** Downstream



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Blair  
**Permit No.:** E07-459



**Photo No.:** 5  
**Direction:** Upstream  
**Comments:** S-L83



**Photo No.:** 6  
**Direction:** Downstream  
**Comments:** S-L83



**Photo No.:** 7  
**Direction:** Upstream  
**Comments:** S-M73



**Photo No.:** 8  
**Direction:** Downstream  
**Comments:** S-M73



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Blair  
**Permit No.:** E07-459



**Photo No.:** 9  
**Direction:** Upstream  
**Comments:** S-BB44

Photo Unavailable

**Photo No.:** 10  
**Direction:** Downstream  
**Comments:** S-BB44



**Photo No.:** 11  
**Direction:** Upstream  
**Comments:** S-L74



**Photo No.:** 12  
**Direction:** Downstream  
**Comments:** S-L74

## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Blair  
**Permit No.:** E07-459



**Photo No.:** 13  
**Direction:** Upstream  
**Comments:** S-L69



**Photo No.:** 14  
**Direction:** Downstream  
**Comments:** S-L69

**Photo Unavailable**

**Photo No.:** 15  
**Direction:** Upstream  
**Comments:** S-BB96



**Photo No.:** 16  
**Direction:** Downstream  
**Comments:** S-BB96



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Blair, Huntingdon  
**Permit No.:** E07-459, E31-234



**Photo No.:** 17  
**Direction:** Upstream  
**Comments:** S-L68



**Photo No.:** 18  
**Direction:** Downstream  
**Comments:** S-L68



**Photo No.:** 19  
**Direction:** Upstream  
**Comments:** S-L13



**Photo No.:** 20  
**Direction:** Downstream  
**Comments:** S-L13



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Huntingdon, Juniata  
**Permit No.:** E31-234, E34-136



**Photo No.:** 21  
**Direction:** Upstream  
**Comments:** S-K89



**Photo No.:** 22  
**Direction:** Downstream  
**Comments:** S-K89



**Photo No.:** 23  
**Direction:** Upstream  
**Comments:** S-L12



**Photo No.:** 24  
**Direction:** Downstream  
**Comments:** S-L12



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Juniata  
**Permit No.:** E34-136



**Photo No.:** 25  
**Direction:** Upstream  
**Comments:** S-K73



**Photo No.:** 26  
**Direction:** Downstream  
**Comments:** S-K73



**Photo No.:** 27  
**Direction:** Upstream  
**Comments:** S-K72



**Photo No.:** 28  
**Direction:** Downstream  
**Comments:** S-K72



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Juniata  
**Permit No.:** E34-136



**Photo No.:** 29  
**Direction:** Upstream  
**Comments:** S-K63



**Photo No.:** 30  
**Direction:** Downstream  
**Comments:** S-K63



**Photo No.:** 31  
**Direction:** Upstream  
**Comments:** S-K62



**Photo No.:** 32  
**Direction:** Downstream  
**Comments:** S-K62



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Juniata, Perry  
**Permit No.:** E34-136, E50-258



**Photo No.:** 33  
**Direction:** Upstream  
**Comments:** S-K56



**Photo No.:** 34  
**Direction:** Downstream  
**Comments:** S-K56



**Photo No.:** 35  
**Direction:** Upstream  
**Comments:** S-K53



**Photo No.:** 36  
**Direction:** Downstream  
**Comments:** S-K53



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Perry  
**Permit No.:** E50-258



**Photo No.:** 37  
**Direction:** Upstream  
**Comments:** S-K52



**Photo No.:** 38  
**Direction:** Downstream  
**Comments:** S-K52



**Photo No.:** 39  
**Direction:** Upstream  
**Comments:** S-K51



**Photo No.:** 40  
**Direction:** Downstream  
**Comments:** S-K51



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Perry  
**Permit No.:** E50-258



**Photo No.:** 41  
**Comments:** S-Q65  
**Direction:** Upstream



**Photo No.:** 42  
**Comments:** S-Q65  
**Direction:** Downstream



**Photo No.:** 43  
**Comments:** S-K48  
**Direction:** Upstream



**Photo No.:** 44  
**Comments:** S-K48  
**Direction:** Downstream



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Perry  
**Permit No.:** E50-258



**Photo No.:** 45  
**Direction:** Upstream  
**Comments:** S-J76



**Photo No.:** 46  
**Direction:** Downstream  
**Comments:** S-J76



**Photo No.:** 47  
**Direction:** Upstream  
**Comments:** S-J72



**Photo No.:** 48  
**Direction:** Downstream  
**Comments:** S-J72



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Perry  
**Permit No.:** E50-258



**Photo No.:** 49  
**Direction:** Upstream  
**Comments:** S-J60



**Photo No.:** 50  
**Direction:** Downstream  
**Comments:** S-J60



**Photo No.:** 51  
**Direction:** Upstream  
**Comments:** S-J63



**Photo No.:** 52  
**Direction:** Downstream  
**Comments:** S-J63



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Perry  
**Permit No.:** E50-258



**Photo No.:** 53  
**Direction:** Upstream  
**Comments:** S-J62



**Photo No.:** 54  
**Direction:** Downstream  
**Comments:** S-J62



**Photo No.:** 55  
**Direction:** Upstream  
**Comments:** S-J64



**Photo No.:** 56  
**Direction:** Downstream  
**Comments:** S-J64



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Cumberland, Lebanon  
**Permit No.:** E21-449, E38-194



**Photo No.:** 57  
**Direction:** Upstream  
**Comments:** S-I50



**Photo No.:** 58  
**Direction:** Downstream  
**Comments:** S-I50



**Photo No.:** 59  
**Direction:** Upstream  
**Comments:** S-A17



**Photo No.:** 60  
**Direction:** Downstream  
**Comments:** S-A17



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Lebanon  
**Permit No.:** E38-194



**Photo No.:** 61  
**Direction:** Upstream  
**Comments:** S-A27



**Photo No.:** 62  
**Direction:** Downstream  
**Comments:** S-A27



**Photo No.:** 63  
**Direction:** Upstream  
**Comments:** S-A28



**Photo No.:** 64  
**Direction:** Downstream  
**Comments:** S-A28



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Berks  
**Permit No.:** E06-701



**Photo No.:** 65  
**Direction:** Upstream  
**Comments:** S-B22



**Photo No.:** 66  
**Direction:** Downstream  
**Comments:** S-B22



**Photo No.:** 67  
**Direction:** Upstream  
**Comments:** S-B47



**Photo No.:** 68  
**Direction:** Downstream  
**Comments:** S-B47



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Berks  
**Permit No.:** E06-701



**Photo No.:** 69  
**Direction:** Upstream  
**Comments:** S-B50



**Photo No.:** 70  
**Direction:** Downstream  
**Comments:** S-B50



**Photo No.:** 71  
**Direction:** Upstream  
**Comments:** S-B45



**Photo No.:** 72  
**Direction:** Downstream  
**Comments:** S-B45



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Berks  
**Permit No.:** E06-701



**Photo No.:** 73  
**Comments:** S-C33  
**Direction:** Upstream



**Photo No.:** 74  
**Comments:** S-C33  
**Direction:** Downstream



**Photo No.:** 75  
**Comments:** S-C32  
**Direction:** Upstream



**Photo No.:** 76  
**Comments:** S-C32  
**Direction:** Downstream



## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Berks  
**Permit No.:** E06-701



**Photo No.:** 77

**Comments:** S-B29

**Direction:** Upstream



**Photo No.:** 78

**Comments:** S-B29

**Direction:** Downstream



**Photo No.:** 79

**Comments:** S-H16

**Direction:** Upstream



**Photo No.:** 80

**Comments:** S-H16

**Direction:** Downstream

## PENNSYLVANIA PIPELINE PROJECT TROUT STREAM WAIVER REQUEST PHOTOGRAPHIC LOG

**Company:** Sunoco Pipeline, L.P.  
**Project:** Pennsylvania Pipeline Project  
**County:** Berks  
**Permit No.:** E06-701



**Photo No.:** 81  
**Direction:** Upstream  
**Comments:** S-Q90



**Photo No.:** 82  
**Direction:** Downstream  
**Comments:** S-Q90

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**Attachment D**  
**Shapefiles and E&S Plans (on CD)**