

**SUBJECT: Sunoco Pipeline, L.P.**  
 Chester County  
 East Goshen, Township of; East Nantmeal, Township of; Elverson, Borough of; Upper Uwchlan, Township of; Uwchlan, Township of; Wallace, Township of; West Goshen, Township of; West Nantmeal, Township of; West Whiteland, Township of; Westtown, Township of

<b>Date Received By PFBC: 7/18/2016</b>
<b>Permit No.: E15-862</b>

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

<b>Permit Type:</b> Encroachment
<b>Contact Information:</b>
<b>DEP-Reviewing Biologist:</b> Don Knorr
<b>PFBC Reviewer:</b> Gary Smith

**FROM: (check one)**

NWRO     SWRO     NERO     Central  
 NCRO     SCRO     SERO     Office

**Project Description**

<p><b>Type of work:</b> The project consists of the installation and maintenance of approximately 24 miles long, of 20 inch and 16 inch pipeline and appurtenant structures.</p>
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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
40.143600	-75.820900	South Branch French Creek	French Creek	No	No
40.091700	-75.732300	Marsh Creek	East Branch Brandywine Creek	No	No
40.085200	-75.722700	Black Horse Creek	Marsh Creek Lake	No	Yes
40.061500	-75.677600	Shamona Creek	East Branch Brandywine Creek	No	Yes
40.031400	-75.620000	Valley Ck W	East Branch Brandywine Creek	Yes	No
40.009000	-75.592100	East Branch Chester Creek	Chester Creek	No	No

**Specific Project Comments:**

The Pennsylvania Fish and Boat Commission manages Black Horse Creek, Shamona Creek, and a section of East Branch Brandywine Creek as naturally reproducing, wild trout streams. The PFBC recommends an instream construction restriction for crossings on Black Horse Creek 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 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. Wild trout restrictions are not needed on Shamona Creek watershed due to the use of HDD and are not needed on stream crossings in the East Branch Brandywine Creek watershed because all of the crossings are located downstream of the wild trout section on the East Branch Brandywine Creek.

The PFBC manages East Branch Brandywine Creek and Valley 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-C73	Black Horse Creek	-75.7227, 40.0852	October 1 to December 31
S-C72	UNT to Black Horse Creek	-75.7203, 40.0845	October 1 to December 31



(PFBC Division of Environmental Services)

Approved  Not Approved

See Comments  Withdrawn

(Approved)

8/1/2016

(Date)

**Pennsylvania Fish & Boat Commission**

**SUBJECT: Sunoco Pipeline, L.P.**  
 Delaware County  
 Aston, Township of; Brookhaven, Borough of;  
 Chester, Township of; Edgmont, Township of;  
 Middletown, Township of; Thornbury, Township  
 of; Upper Chichester, 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

<b>Date Received By PFBC: 7/18/2016</b>
<b>Permit No.: E23-524</b>

<b>Permit Type:</b> Encroachment
<b>Contact Information:</b>
<b>DEP-Reviewing Biologist:</b> Don Knorr
<b>PFBC Reviewer:</b> Gary Smith

**Project Description**

**Type of work:** The project consists of the installation and maintenance of approximately 11.7 miles long of 20 inch and 16 inch pipeline and appurtenant structures.

**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
39.910200	-75.457000	Rocky Run	Chester Creek	No	Yes
39.888400	-75.423900	Chrome Run	Chester Creek	No	No
39.886100	-75.419800	Crum Run	Chester Creek	No	No
39.870000	-75.411100	Chester Creek	Delaware River	Yes	No
39.857500	-75.400600	Baldwin Run	Chester Creek	No	No

**Specific Project Comments:**

The Pennsylvania Fish and Boat Commission manages Rocky Run as a naturally reproducing, wild trout stream. The PFBC recommends an instream construction restriction for crossings on Rocky Run 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 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 Chester Creek as a stocked trout water. The PFBC recommends an instream construction restriction period for some crossings on Chester Creek and its tributaries as 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 other crossings on Chester Creek and its tributaries, because those crossing 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-C44	Rocky Run	-75.4570, 39.9102	October 1 to December 31
S-I1	UNT to Chester Creek	-75.4317, 39.8944	March 1 to June 15
S-I2	UNT to Chester Creek	-75.4312, 39.8939	March 1 to June 15
S-I6	UNT to Chester Creek	-75.4293, 39.8920	March 1 to June 15
S-I5	UNT to Chester Creek	-75.4293, 39.8919	March 1 to June 15
S-H34	UNT to Chester Creek	-75.4124, 39.8737	March 1 to June 15

*Mary A. Smith*

(PFBC Division of Environmental Services)

Approved  Not Approved

See Comments  Withdrawn

(Approved)

8/1/2016

(Date)

**Pennsylvania Fish & Boat Commission**