

SUBJECT: Sunoco Pipeline LP
 Allegheny County
 Elizabeth, Township of; Forward, 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: 8/14/2015
Permit No.: E02-1718
Permit Type: Encroachment
Contact Information:
DEP-Reviewing Biologist: Mike Engelhardt
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
40.230000	-79.970900	Monongahela River	Ohio River	No	No
40.228100	-79.932900	Kelly Run	Monongahela River	No	No
40.223100	-79.885600	Sunfish Run	Monongahela River	No	No
40.221400	-79.821900	Long Hollow	Gillespie Run	No	No
40.230500	-79.943600	Bunola Run	Monongahela River	No	No
40.222400	-79.911500	Perry Mill Run	Monongahela River	No	No

Specific Project Comments:

The Pennsylvania Fish and Boat Commission found no significant impact to the aquatic resources of the Monongahela River, Kelly Run, Sunfish Run, Gillespie Run, Bunola Run, Perry Mill Run, Becketts Run, and Pollock Run watersheds 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

9/10/2015

Withdrawn

(Date)

(Approved)

Pennsylvania Fish & Boat Commission

SUBJECT: Sunoco Pipeline LP
 Cambria County
 Cambria, Township of; Cresson, Township of;
 Jackson, Township of; Munster, Township of;
 Washington, 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: 8/14/2015
Permit No.: E11-352

Permit Type: Encroachment
Contact Information:
DEP-Reviewing Biologist: Mike Engelhardt
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
40.432800	-78.781500	Stewart Run	South Branch Blacklick Creek	No	Yes
40.449500	-78.605900	Little Conemaugh River	Conemaugh River	No	No
40.452500	-78.685200	North Branch Little Conemaugh River	Little Conemaugh River	Yes	No
40.415700	-78.866100	Hinckston Run	Conemaugh River	Yes	No
40.419200	-78.885100	Laurel Run	Conemaugh River	No	Yes
40.445200	-78.729900	Roaring Run	Howells Run	No	No
40.422700	-78.825800	Saltlick Run	Little Conemaugh River	No	Yes

Specific Project Comments:

The Pennsylvania Fish and Boat Commission manages Findley Run, Laurel Run, Saltlick Run, Stewart Run, Howells Run, Bear Rock Run, and Blair Run as naturally reproducing, wild trout streams. The PFBC recommends an instream construction restriction for crossings on these streams and their tributaries (except Howells Run and tribs) 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 crossings on Howells Run and its tributaries are downstream of the wild trout section of Howells Run; therefore, the PFBC will not recommend a wild trout instream construction restriction period for Howells Run.

The PFBC manages Laurel Run, Hinckston Run, Stewart Run, Howells Run, North Branch Little Conemaugh River, and Noels Creek as stocked trout streams. The PFBC recommends an instream construction restriction period for crossings on Howells Run 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 Laurel Run, Hinckston Run, Stewart Run, North Branch Little Conemaugh River, and Noels 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-BB61	UNT to Findley Run	40.4243,-78.9389	October 1 to December 31
S-N56	UNT to Findley Run	40.4247,-78.9248	October 1 to December 31
S-N59	UNT to Findley Run	40.4256,-78.9301	October 1 to December 31
S-N61	UNT to Findley Run	40.4265,-78.9386	October 1 to December 31
S-N62	UNT to Findley Run	40.4270,-78.9439	October 1 to December 31
S-N63	UNT to Findley Run	40.4271,-78.9447	October 1 to December 31
S-N64	UNT to Findley Run	40.4271,-78.9453	October 1 to December 31
S-N45	UNT to Laurel Run	40.4194,-78.8846	October 1 to December 31
S-N46	UNT to Laurel Run	40.4196,-78.8851	October 1 to December 31
S-N48	UNT to Laurel Run	40.4197,-78.8877	October 1 to December 31
S-N49	UNT to Laurel Run	40.4207,-78.896	October 1 to December 31
S-N50	UNT to Laurel Run	40.4208,-78.8962	October 1 to December 31
S-N51	UNT to Laurel Run	40.4209,-78.8972	October 1 to December 31
S-N52	UNT to Laurel Run	40.4212,-78.8977	October 1 to December 31
S-N53	UNT to Laurel Run	40.4223,-78.9062	October 1 to December 31
S-N54	UNT to Laurel Run	40.4221,-78.9057	October 1 to December 31
S-O30	UNT to Saltlick Run	40.4245,-78.8177	October 1 to December 31
S-O31	UNT to Saltlick Run	40.4250,-78.8158	October 1 to December 31
S-O33	UNT to Saltlick Run	40.4275,-78.8046	October 1 to December 31
S-O34	UNT to Saltlick Run	40.4307,-78.7921	October 1 to December 31
S-O36	UNT to Saltlick Run	40.4309,-78.7903	October 1 to December 31
S-O37	UNT to Saltlick Run	40.4206,-78.8348	October 1 to December 31
S-O38	UNT to Saltlick Run	40.4195,-78.8416	October 1 to December 31
S-O45	UNT to Saltlick Run	40.4250,-78.8175	October 1 to December 31
S-O48	UNT to Saltlick Run	40.4245,-78.8174	October 1 to December 31
S-O50	UNT to Saltlick Run	40.4241,-78.8193	October 1 to December 31
S-O51	UNT to Saltlick Run	40.4241,-78.8196	October 1 to December 31
S-O52	UNT to Saltlick Run	40.4240,-78.8201	October 1 to December 31
S-O54	UNT to Saltlick Run	40.4236,-78.8213	October 1 to December 31
S-O56	UNT to Saltlick Run	40.4232,-78.8233	October 1 to December 31
S-O59	Saltlick Run	40.4227,-78.8258	October 1 to December 31
S-O60	UNT to Saltlick Run	40.4227,-78.8256	October 1 to December 31
S-CC1	UNT to Stewart Run	40.4370,-78.7635	October 1 to December 31
S-CC4	Stewart Run	40.4328,-78.7815	October 1 to December 31
S-CC5	UNT to Stewart Run	40.4331,-78.7819	October 1 to December 31
S-CC6	UNT to Stewart Run	40.4330,-78.7812	October 1 to December 31
S-CC7	UNT to Stewart Run	40.4339,-78.7763	October 1 to December 31
S-O21	Roaring Run	40.4452,-78.7299	March 1 to June 15

S-O23	UNT to Roaring Run	40.4447,-78.7314	March 1 to June 15
S-O15	UNT to Howells Run	40.4477,-78.7174	March 1 to June 15
S-O16	UNT to Howells Run	40.4477,-78.718	March 1 to June 15
S-O17	UNT to Howells Run	40.4467,-78.7225	March 1 to June 15
S-O18	UNT to Howells Run	40.4465,-78.7233	March 1 to June 15
S-O19	UNT to Howells Run	40.4464,-78.7228	March 1 to June 15
S-O20	UNT to Howells Run	40.4463,-78.7238	March 1 to June 15
S-N1	UNT to Howells Run	40.4489,-78.7125	March 1 to June 15
S-N4	UNT to Howells Run	40.4497,-78.7085	March 1 to June 15
S-N8	UNT to Howells Run	40.4502,-78.7066	March 1 to June 15
S-N10	UNT to Howells Run	40.4509,-78.7044	March 1 to June 15
S-N13	UNT to Howells Run	40.4519,-78.7005	March 1 to June 15
S-N14	UNT to Howells Run	40.4520,-78.7008	March 1 to June 15
S-L94	UNT to Bear Rock Run	40.4085,-78.5563	October 1 to December 31
S-Q71	UNT to Blair Run	40.4092, -78.5585	October 1 to December 31

Mary A. Smith

(PFBC Division of Environmental Services)

Approved Not Approved

See Comments Withdrawn

(Approved)

10/16/2015

(Date)

Pennsylvania Fish & Boat Commission

SUBJECT: Sunoco Pipeline LP
 Indiana County
 Burrell, Township of; East Wheatfield,
 Township of; West Wheatfield, 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: 8/14/2015
Permit No.: E32-508
Permit Type: Encroachment
Contact Information:
DEP-Reviewing Biologist: Mike Engelhardt
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
40.436800	-79.118000	West Branch Richards Run	Richards Run	No	No
40.444300	-79.202200	Toms Run	Conemaugh River	Yes	Yes
40.430200	-78.958100	Findley Run	Conemaugh River	No	Yes
40.433300	-79.078600	East Branch Richards Run	Richards Run	No	No
40.431800	-79.039200	UNT (west) to UNT to Conemaugh River (rm 42.69)	Unt To Conemaugh River (rm 42.69)	No	Yes

Specific Project Comments:

The Pennsylvania Fish and Boat Commission manages Toms Run and Findley Run 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 Toms Run as stocked trout stream. The PFBC recommends an instream construction restriction period for some crossings on this stream 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 an instream construction restriction period for the other Toms Run crossings because those crossings are located greater than 0.5 miles upstream of the stocked trout sections and should not impact the stocked trout fisheries.

On August 25, 2015, the PFBC surveyed UNT to Conemaugh River (rm 42.69) at 40.42026, -79.02709 and UNT (West) to UNT to Conemaugh River (rm 42.69) at 40.42147, -79.02813 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.

Stream ID	Stream Name	Coordinates	Instream Construction Restriction Period
S-N87	Toms Run	40.4443, -79.2022	March 1 to June 15 October 1 to December 31
S-N88	Toms Run	40.4442, -79.2024	March 1 to June 15 October 1 to December 31
S-N89	UNT to Toms Run	40.4438, -79.2021	March 1 to June 15 October 1 to December 31
S-N90	UNT to Toms Run	40.4398, -79.1763	October 1 to December 31
S-N91	UNT to Toms Run	40.4395, -79.1696	October 1 to December 31
S-O109	UNT to Toms Run	40.4391, -79.1639	October 1 to December 31
S-O110	UNT to Toms Run	40.4393, -79.1647	October 1 to December 31
S-O111	UNT to Toms Run	40.4395, -79.1683	October 1 to December 31
S-O63	UNT to Findley Run	40.4329, -78.9727	October 1 to December 31
S-O64	UNT to Findley Run	40.4325, -78.9741	October 1 to December 31
S-O66	UNT to Findley Run	40.4336, -78.9832	October 1 to December 31
S-O69	UNT to Findley Run	40.4308, -78.9638	October 1 to December 31
S-O70	UNT to Findley Run	40.4310, -78.9644	October 1 to December 31
S-O72	Findley Run	40.4302, -78.9581	October 1 to December 31
S-O73	UNT to Findley Run	40.4299, -78.9555	October 1 to December 31
S-O74	UNT to Findley Run	40.4295, -78.9542	October 1 to December 31
S-O76	UNT to Findley Run	40.4291, -78.9932	October 1 to December 31
S-O77	UNT to Findley Run	40.4293, -78.9936	October 1 to December 31
S-O78	UNT to Findley Run	40.4302, -78.996	October 1 to December 31
S-N75	UNT (East) to UNT to Conemaugh River (rm 42.69)	40.4304, -79.0265	October 1 to December 31
S-N76	UNT (West) to UNT to Conemaugh River (rm 42.69)	40.4314, -79.0369	October 1 to December 31
S-O93	UNT (West) to UNT to Conemaugh River (rm 42.69)	40.4314, -79.0406	October 1 to December 31
S-O94	UNT (West) to UNT to Conemaugh River (rm 42.69)	40.4315, -79.0392	October 1 to December 31
S-O96	UNT (West) to UNT to Conemaugh River (rm 42.69)	40.4316, -79.0389	October 1 to December 31

Mary A. Smith

(PFBC Division of Environmental Services)

Approved Not Approved

See Comments Withdrawn

10/16/2015

(Date)

(Approved)

Pennsylvania Fish & Boat Commission

SUBJECT: Sunoco Pipeline LP
 Washington County
 Chartiers, Township of; North Strabane,
 Township of; Nottingham, Township of; Union,
 Township of

Date Received By PFBC: 8/14/2015
Permit No.: E63-674

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

Permit Type: Encroachment
Contact Information:
DEP-Reviewing Biologist: Mike Engelhardt
PFBC Reviewer: Gary Smith

FROM: (check one)

NWRO SWRO NERO Central
 NCRO SCRO SERO Office

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
40.234800	-80.212500	Chartiers Creek	Ohio River	No	No
40.261100	-80.265600	Chartiers Run	Chartiers Creek	No	No
40.235700	-80.135300	Little Chartiers Creek	Chartiers Creek	Yes	No
40.230800	-79.996600	Froman Run	Mingo Creek	No	No
40.235600	-80.090700	Peters Creek	Monongahela River	No	No

Specific Project Comments:

The PFBC manages Little Chartiers Creek and Mingo Creek as stocked trout streams. The PFBC recommends an instream construction restriction period for S14 UNT to Little Chartiers Creek 40.2303, -80.1486 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 an instream construction restriction period for S16 Little Chartiers Creek and S250 UNT to Little Chartiers Creek crossings due to the use of HDD. The PFBC will not require an instream construction restriction period for other Little Chartiers Creek crossings because those crossings are located greater than 0.5 miles upstream of the stocked trout section and should not impact the stocked trout fishery. The PFBC will not require an instream construction restriction period for all of the Mingo Creek tributaries crossings because those crossings are located greater than 0.5 miles upstream of the stocked trout section or are located downstream of the stocked trout section and should not impact the stocked trout fishery.

Mary A. Smith

(PFBC Division of Environmental Services)

Approved Not Approved

See Comments Withdrawn

(Approved)

10/16/2015

(Date)

Pennsylvania Fish & Boat Commission

SUBJECT: Sunoco Pipeline LP
 Westmoreland County
 Derry, Township of; Hempfield, Township of;
 Jeannette, City of; Loyalhanna, Township of;
 Murrysville, Municipality of; Penn, Township of;
 Rostover, Township of; Salem, Township of;
 Sewickley, Township of; South Huntingdon,
 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: 8/14/2015

Permit No.: E65-973

Permit Type: Encroachment

Contact Information:

DEP-Reviewing Biologist: Mike Engelhardt

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:

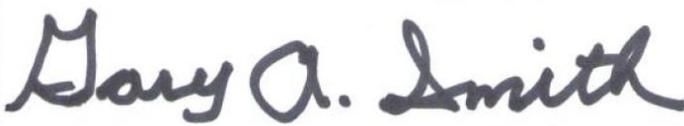
Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
40.228600	-79.772700	Youghiogheny River	Monongahela River	Yes	No
40.221000	-79.787000	Pollock Run	Youghiogheny River	No	No
40.263400	-79.687800	Little Sewickley Creek	Sewickley Creek	No	No
40.330000	-79.632600	Brush Creek	Turtle Creek	No	No
40.362900	-79.631100	Bushy Run	Brush Creek	No	No
40.416700	-79.606900	Turtle Creek	Monongahela River	Yes	No
40.237700	-79.751500	Sewickley Creek	Youghiogheny River	Yes	No
40.428800	-79.517900	Porters Run	Beaver Run	No	No
40.442000	-79.343200	Spruce Run	Conemaugh River	No	No
40.440200	-79.375000	Boatyard Run	Conemaugh River	No	No
40.436500	-79.454000	Serviceberry Run	Loyalhanna Creek	No	No
40.425900	-79.552400	Beaver Run	Kiskiminetas River	No	No

**Specific Project
 Comments:**

The PFBC manages sections of Youghiogheny River, Sewickley Creek, Loyalhanna Creek, and Turtle Creek as stocked trout streams. The PFBC will not require an instream construction restriction period for these waters because the crossings are located greater than 0.5 miles upstream of the stocked trout section or are located downstream of the stocked trout section and should not impact the stocked trout fisheries.

The Pennsylvania Fish and Boat Commission found no significant impact to the aquatic resources of the Youghiogheny River, Sewickley Creek, Turtle Creek, Beaver Run, and Conemaugh River watersheds 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
(Approved)

9/10/2015

(Date)

Pennsylvania Fish & Boat Commission