



Pennsylvania Fish & Boat Commission

Bureau of Fisheries
Division of Environmental Services
236 Lake Road
Somerset, PA 15501
Phone: 814-279-3080

July 29, 2016

Brad Schaeffer
Tetra Tech, Inc.
285 Ellicott Street
Buffalo, NY 14203

Re: Seasonal Construction Restriction Waiver for the Sunoco Pennsylvania Pipeline Project

Dear Mr. Schaeffer,

Tetra Tech, Inc. contacted the Pennsylvania Fish and Boat Commission (PFBC) in July 2016 to request seasonal construction restriction waivers for the Sunoco Pennsylvania Pipeline Project in Indiana, Cambria, Blair, Huntingdon, Juniata, Perry, Cumberland, Lebanon, and Berks counties, Pennsylvania. The PFBC response to your waiver requests are provided in the attached tables.

All conditions relating to Erosion and Sedimentation control must be maintained throughout the construction of all pipeline activities and all stabilization activities must be implemented and maintained during and post-construction of the pipeline. Any release of sediment to any stream within the project area 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. Notify PFBC Bureau of Law Enforcement Regional Office within 24 hours to report the above described activities at (NC 814-359-5250; NE 570-477-5717; NW 814-337-0444; SW 814-445-8974; SC 717-486-7087; SE 717-626-0228). A copy of this waiver letter should be maintained and available at the job site during construction.

As part of your waiver requests, you wanted to clarify the following:

Sunoco 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. PFBC Response: Yes that is acceptable.

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.

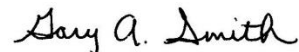
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Although the PFBC would prefer equipment bridges installed before the restriction and removed after the restriction.

Sunoco 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. Additionally, no materials or equipment will enter the stream below ordinary high water during construction of the bridges. PFBC Response: Yes that is acceptable as long as the bridge with an in-stream support is installed before the restriction and removed after the restriction. The bridge can be used during the restriction period.

If you have any additional questions, do not hesitate to contact me at 814-279-3080 or by email at garys@pa.gov.

Sincerely,



Gary A. Smith, Fisheries Biologist
Natural Gas Section
Division of Environmental Services

c: Captain Thomas Crist – PFBC SW Law Enforcement Manager
Captain Alan Robinson – PFBC SC Law Enforcement Manager
Captain Raymond Bednarchik – PFBC SE Law Enforcement Manager
Heather Smiles – PFBC Natural Gas Section Chief
Michael Engelhardt – DEP SW Regional Office
Andrew McDonald – DEP SC Regional Office

County/ Permit Number	Stream ID	Stream	Latitude	Longitude	Crossing Type	Instream Restriction Period	In-stream Support	Ephemeral Waiver Request	PFBC Response to Waiver Request	Reason
Indiana E32-508	S-N88	Toms Run	40.4442	-79.2024	Dry Crossing	3/1-6/15 and 10/1-12/31	Y	n/a	Denied	Crossing < 0.5 miles upstream of the stocked trout section and Instream construction in a wild trout stream
Indiana E32-508	S-N89	UNT to Toms Run	40.4438	-79.2021	Dry Crossing	3/1-6/15 and 10/1-12/31	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section and Instream construction in a wild trout stream
Indiana E32-508	S-N90	UNT to Toms Run	40.4398	-79.1763	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O93	UNT to Conemaugh River	40.4314	-79.0406	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O96	UNT to Conemaugh River	40.4316	-79.0389	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O76	UNT to Findley Run	40.4291	-78.9932	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O63	UNT to Findley Run	40.4329	-78.9727	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O70	UNT to Findley Run	40.4310	-78.9644	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Indiana E32-508	S-O72	Findley Run	40.4302	-78.9581	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-BB61	UNT to Findley Run	40.4243	-78.9389	Temporary Bridge	10/1-12/31	Y	n/a	Accepted	No instream construction
Cambria E11-352	S-N61	UNT to Findley Run	40.4265	-78.9386	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-N59	UNT to Findley Run	40.4256	-78.9301	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-N56	UNT to Findley Run	40.4247	-78.9248	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-N54	UNT to Laurel Run	40.4221	-78.9057	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-N50	UNT to Laurel Run	40.4208	-78.8962	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-N46	UNT to Laurel Run	40.4196	-78.8851	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-O59	Saltlick Run	40.4227	-78.8258	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-O60	UNT to Saltlick Run	40.4227	-78.8256	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-O52	UNT to Saltlick Run	40.4240	-78.8201	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream

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Cambria E11-352	S-O51	UNT to Saltlick Run	40.4241	-78.8196	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-O30	UNT to Saltlick Run	40.4245	-78.8177	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-O36	UNT to Saltlick Run	40.4309	-78.7903	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-CC4	Stewart Run	40.4328	-78.7815	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-CC7	UNT to Stewart Run	40.4339	-78.7763	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Cambria E11-352	S-CC1	UNT to Stewart Run	40.4370	-78.7635	Bore/ Temporary Bridge	10/1-12/31	n/a	Y	Accepted	No instream construction
Cambria E11-352	S-O23	UNT to Roaring Run	40.4447	-78.7314	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O21	Roaring Run	40.4452	-78.7299	Dry Crossing	3/1-6/15	Y	n/a	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O20	UNT to Howells Run	40.4463	-78.7238	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O19	UNT to Howells Run	40.4464	-78.7228	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O17	UNT to Howells Run	40.4467	-78.7225	Dry Crossing	3/1-6/15	Y	n/a	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O16	UNT to Howells Run	40.4477	-78.7180	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-O15	UNT to Howells Run	40.4477	-78.7174	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-N4	UNT to Howells Run	40.4497	-78.7085	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-N8	UNT to Howells Run	40.4502	-78.7066	Dry Crossing	3/1-6/15	n/a	Y	Denied	Crossing < 0.5 miles upstream of the stocked trout section
Cambria E11-352	S-Q71	Blair Run	40.4092	-78.5585	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-L96	UNT to Blair Run	40.4044	-78.5474	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Blair E07-459	S-L98	UNT to Blair Run	40.4020	-78.5359	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-L83	UNT to Poplar Run	40.4010	-78.5142	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-M73	UNT to Blair Gap Run	40.4070	-78.4690	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-BB44	Oldtown Run	40.4167	-78.3483	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream

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Blair E07-459	S-L74	UNT to Frankstown Branch Juniata River	40.4460	-78.3237	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-L69	UNT to Frankstown Branch Juniata River	40.4472	-78.3227	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-BB96	UNT to Frankstown Branch Juniata River	40.4472	-78.3226	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Blair E07-459	S-L68	UNT to Frankstown Branch Juniata River	40.4456	-78.3148	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Huntingdon E31-234	S-L13	UNT to George Creek	40.3142	-77.7542	Dry Crossing	10/1-12/31	n/a	Y	Accepted	George Creek was removed from the list of streams being considered for wild trout designation
Huntingdon E31-234	S-K89	UNT to George Creek	40.3111	-77.7400	Dry Crossing	10/1-12/31	n/a	Y	Accepted	George Creek was removed from the list of streams being considered for wild trout designation
Juniata E34-136	S-L12	UNT to George Creek	40.3029	-77.7043	Dry Crossing	10/1-12/31	n/a	Y	Accepted	George Creek was removed from the list of streams being considered for wild trout designation
Juniata E34-136	S-K73	UNT to Tuscarora Creek	40.3008	-77.6934	Dry Crossing	3/1-6/15	n/a	Y	Accepted	Crossing > 0.5 miles upstream of the stocked trout section
Juniata E34-136	S-K72	UNT to Tuscarora Creek	40.3007	-77.6921	Dry Crossing	3/1-6/15	n/a	Y	Accepted	Crossing > 0.5 miles upstream of the stocked trout section
Juniata E34-136	S-K63	UNT to Tuscarora Creek	40.2983	-77.6783	Dry Crossing	3/1-6/15	n/a	Y	Accepted	Crossing > 0.5 miles upstream of the stocked trout section
Juniata E34-136	S-K62	UNT to Tuscarora Creek	40.2980	-77.6774	Dry Crossing	3/1-6/15	n/a	Y	Accepted	Crossing > 0.5 miles upstream of the stocked trout section
Juniata E34-136	S-K56	UNT to Tuscarora Creek	40.2974	-77.6740	Dry Crossing	3/1-6/15	n/a	Y	Accepted	Crossing > 0.5 miles upstream of the stocked trout section
Perry E50-258	S-K53	UNT to Sherman Creek	40.2842	-77.6125	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream
Perry E50-258	S-K52	UNT to Sherman Creek	40.2841	-77.6125	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream
Perry E50-258	S-K51	UNT to Sherman Creek	40.2842	-77.6105	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Perry E50-258	S-Q65	Schultz Creek	40.2782	-77.5731	Dry Crossing	3/1-6/15 and 10/1-12/31	Y	n/a	Denied	Crossing < 0.5 miles upstream of the stocked trout section and Instream construction in a wild trout stream
Perry E50-258	S-K48	Shaeffer Run	40.2740	-77.5431	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream

County/ Permit Number	Stream ID	Stream	Latitude	Longitude	Crossing Type	Instream Restriction Period	In-stream Support	Ephemeral Waiver Request	PFBC Response to Waiver Request	Reason
Perry E50-258	S-J76	UNT to Schaeffer Run	40.2739	-77.5398	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Perry E50-258	S-J72	UNT to Schaeffer Run	40.2730	-77.5356	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Perry E50-258	S-J60	Laurel Run	40.2626	-77.4919	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Perry E50-258	S-J63	UNT to South Branch Laurel Run	40.2621	-77.4896	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Perry E50-258	S-J62	South Branch Laurel Run	40.2618	-77.4891	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Perry E50-258	S-J64	UNT to Laurel Run	40.2608	-77.4851	Dry Crossing	10/1-12/31	n/a	Y	Denied	Instream construction in a wild trout stream
Cumberland E21-449	S-I50	UNT to Letort Spring Run	40.2287	-77.1442	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Lebanon E38-194	S-A17	Snitz Creek	40.2903	-76.4274	Dry Crossing	3/1-6/15 and 10/1-12/31	Y	n/a	Denied	Crossing < 0.5 miles upstream of the stocked trout section and Instream construction in a wild trout stream
Lebanon E38-194	S-A27	UNT to Hammer Creek	40.2862	-76.3156	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Lebanon E38-194	S-A28	UNT to Hammer Creek	40.2853	-76.3086	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Berks E06-701	S-B22	Cacoosing Creek	40.2930	-76.0871	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream
Berks E06-701	S-B47	UNT to Cacoosing Creek	40.2971	-76.0795	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Berks E06-701	S-B50	Cacoosing Creek	40.3158	-76.0425	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream
Berks E06-701	S-B45	UNT to Cacoosing Creek	40.2898	-76.0299	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Berks E06-701	S-C33	UNT to Cacoosing Creek	40.2946	-76.0249	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream
Berks E06-701	S-C32	UNT to Cacoosing Creek	40.2969	-76.0233	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Berks E06-701	S-B29	Allegheny Creek	40.2282	-75.9551	Dry Crossing	10/1-12/31	Y	n/a	Denied	Instream construction in a wild trout stream
Berks E06-701	S-H16	UNT to Hay Creek	40.1964	-75.9058	Dry Crossing	10/1-4/1	n/a	Y	Denied	Instream construction in a wild trout stream
Berks E06-701	S-Q90	UNT to Hay Creek	40.1889	-75.8909	Dry Crossing	10/1-4/1	Y	n/a	Denied	Instream construction in a wild trout stream

George Creek was removed from the list of streams being considered for wild trout designation in February 2016. All of your crossings in the George Creek watershed (Huntingdon and Juniata counties) no longer require the wild trout instream restriction period. These revised comments were provided to DEP SC Region in April 2016.

County/ Permit Number	Stream ID	Stream	Latitude	Longitude
Huntingdon E31-234	S-K90	George Creek	40.3125	-77.7456
Huntingdon E31-234	S-K82	UNT to George Creek	40.3071	-77.7251
Huntingdon E31-234	S-K83	UNT to George Creek	40.3075	-77.7258
Huntingdon E31-234	S-K84	UNT to George Creek	40.3074	-77.7260
Huntingdon E31-234	S-K85	UNT to George Creek	40.3092	-77.7334
Huntingdon E31-234	S-K87	UNT to George Creek	40.3103	-77.7372
Huntingdon E31-234	S-K88	UNT to George Creek	40.3107	-77.7390
Huntingdon E31-234	S-K89	UNT to George Creek	40.3111	-77.7400
Huntingdon E31-234	S-K91	UNT to George Creek	40.3132	-77.7479
Huntingdon E31-234	S-K93	UNT to George Creek	40.3131	-77.7487
Huntingdon E31-234	S-L13	UNT to George Creek	40.3142	-77.7542
Huntingdon E31-234	S-L14	UNT to George Creek	40.3142	-77.7544
Huntingdon E31-234	S-L15	UNT to George Creek	40.3144	-77.7550
Huntingdon E31-234	S-L16	UNT to George Creek	40.3150	-77.7587
Huntingdon E31-234	S-L18	UNT to George Creek	40.3153	-77.7598
Huntingdon E31-234	S-L19	UNT to George Creek	40.3154	-77.7620
Juniata E34-136	S-K80	UNT to George Creek	40.3033	-77.7062
Juniata E34-136	S-L8	UNT to George Creek	40.3032	-77.7055
Juniata E34-136	S-L9	UNT to George Creek	40.3031	-77.7054
Juniata E34-136	S-L12	UNT to George Creek	40.3029	-77.7043