pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF WATER PROGRAMS

BUREAU OF CLEAN WATER

2026 RESTORED WATERS AND CAUSE CHANGES REPORT

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INTRODUCTION

The cause removal process tracks the water quality improvements and impairment cause changes in Pennsylvania waterbodies. Any removal of an impairment cause from categories 4a, 4b, 5, or 5r, whether the waterbody is still impaired or fully restored, must be approved by EPA during the submission of DEP's Integrated Report. Category 4c cause removals do not need EPA approval because these impairments are not due to a pollutant.

Cause removals are tied to the waterbody's protected uses and the specific cause of impairment. DEP conducts assessments regarding five primary protected use categories: Aquatic Life (ALU), Recreation, Fish Consumption, Potable Water Supply, and Special Protection. These uses are listed in the Integrated Report listing categories independently of each other. Therefore, a cause removal may move a waterbody from an impaired category to category 1 or 2 for one protected use while leaving the waterbody in an impaired category for a different protected use.

To better understand how and why a cause is removed, it helps to know how causes are listed on the Integrated Report through the assessment process. Understanding Pennsylvania's assessment history also provides important perspective regarding the cause removal decision process.

Prior to 1996, DEP's assessment methodology was largely based on the comparison of water quality data to numeric water quality standards (WQS). Stream assessment delineations were based on DEP's five-digit stream code and the distance between monitoring sites varied. A large majority of Pennsylvania streams were still unassessed.

From 1996 to 2006, DEP's Statewide Surface Waters Assessment Protocol (SSWAP) was used to provide a consistent and rapid method to assess ALU. These surveys included kick-screen sampling of benthic macroinvertebrates, habitat surveys, and measurements of pH, temperature, conductivity, dissolved oxygen, and alkalinity. Benthic macroinvertebrates were typically identified to the family level and then classified by relative abundance in the field. Nearly all Pennsylvania streams were assessed for ALU; however, the distance between monitoring sites could vary greatly. Between 2002 and 2004, DEP transitioned from using the five-digit stream code for assessment delineations to the United States Geological Survey's (USGS) National Hydrography Dataset (NHD). Due to this change, it is difficult to understand the exact delineation of pre-2004 assessments compared to new assessments.

Most new assessments after 2006 would be reassessments, at least for the ALU, and would employ a more rigorous sampling methodology. With reassessment, comes the possibility of a cause removal. The biological surveys were more intensive, used different sampling equipment then SSWAP, and required laboratory identification of macroinvertebrates typically to the genus level. Due to these differences, station placement and assessment delineations of ALU reassessments are usually different from those done by SSWAP.

DEP has developed and refined numerous data collection protocols and assessment methods since the initial SSWAP surveys. Focus on assessing and then reassessing the other protected uses has

grown, now allowing for potential cause removals in all five primary protected use categories.

A cause removal may occur for four main reasons:

1) All causes of impairment are removed. The waterbody is no longer impaired for that protected use and will move to category 1 or 2.

2) Some but not all the causes of impairment are removed. The waterbody is still impaired for that protected use. The waterbody remains in category 4a, 4b, 4c, 5, or 5r.

3) An error was discovered in an assessment affecting the cause(s) of impairment. These errors are often due to assessment entry mistakes. The correction may leave the waterbody as impaired or place it in category 1 or 2. Data are still required to support making these corrections.

4) A cause(s) of impairment can be removed when a more appropriate cause choice becomes available for selection in the database. This type of cause removal is documented as a "Refinement" based on EPA's delisting reason codes list. The waterbody is still impaired for that protected use and for the cause being refined. For the 2026 Integrated Report, the EPA delisting reason of Refinement was most commonly used when:

    a. Changing the metals cause to the specific metal(s) (i.e., iron, aluminum)
    b. Removing cause unknown
    c. Updating the pH cause to pH, low
    d. Updating nutrients or algae to eutrophication
    e. Specifying the pathogens cause as Escherichia Coli (E. Coli)

DEP compiles a document containing the data that supports each cause removal. This document titled, Supporting Documentation for 2026 IR Cause Changes, can be found in Appendix A of this report.

CAUSE REMOVAL CATEGORY SUMMARIES

The 2026 Integrated Report includes 127 Aquatic Life, 23 Special Protection, 7 Fish Consumption, 3 Recreational, and 1 Potable Water Supply Use stream assessments with cause removals. This reporting cycle also has 4 Special Protection, 3 Aquatic Life, and 1 Recreational Use lake assessments with cause removals (Tables 1, 2, 4, 5, 6, and 7).

Full Use Restorations

These waterbodies are no longer impaired and therefore are supporting their specified use. There were 10 stream assessments that determined the Aquatic Life use was fully restored for those stream segments in the surveyed watershed. There was also 1 Recreational, 2 Fish Consumption, and 3 Special Protection Use stream assessments resulting in a full restoration. Two Aquatic Life and one Recreational Use lakes were also fully restored.

Cause Removals
These waterbodies are still impaired for the specified use; however, one or more causes of impairment were removed in this reporting cycle. Previous causes of impairment may remain and/or new causes could have been added. There were 46 Aquatic Life, 10 Special Protection, 2 Fish Consumption Use stream assessments, and 2 Special Protection Use lake assessments where one or more causes were removed, but the waterbody remained impaired.

Errors
Assessment errors most often occur when creating the assessment and entering data in the assessment database. Historic data entry restrictions are also considered errors once improvements in the database allow for more accurate delineations. When a possible error is found, the historical survey data/reports, knowledge of the watershed, and current data is applied to correctly assess the watershed. Due to discovered errors, 7 Aquatic Life Use stream assessments and 3 Fish Consumption Use stream assessments had impairment cause changes.

Refinements
A cause of impairment can be removed when a more appropriate cause choice is available for selection in the database. These cause removals are referred to as refinements because the waterbody is still impaired for the cause; the name of the cause is simply being changed because a more accurate or descriptive cause name is now available. Therefore, this action may appropriately place the new cause directly into category 4a if the original cause was also in 4a. This is permissible because the new cause is only refining the previous cause and not changing its intention. For example, when updating a 4a nutrients cause to eutrophication the new eutrophication cause would still be on category 4a because both would be addressed by a TMDL developed for phosphorus. The reasons a refinement was used for this Integrated Report are detailed in the introduction section above. For the 2026 Integrated Report, streams assessments had 64 Aquatic Life, 10 Special Protection, 2 Recreational, and 1 Potable Water Supply Use refinements. There was also one Aquatic Life and 2 Special Protection Use refinements on lakes.

CATEGORY 4B WATERBODIES

Waterbodies listed in category 4 are impaired for one or more uses but do not require a TMDL. Category 4b applies when a protected use impairment caused by a point source pollutant is being addressed by the state through a schedule of compliance and other pollution control requirements.

4b Updates
The were three 4b actions removed this reporting cycle. The Narrows Creek and Sandy Lick Creek 4b causes were removed due to reassessment data showing support of the WQS. The upgrades to the Treasure Lake Wastewater Treatment Facility and decommissioning of one of the facilities has resolved these compliance issues. The Codorus Creek 4b cause of thermal modifications was moved to category 5 due to on-going compliance issues that have not been resolved.

Five 4b actions remain in the 2026 Integrated Report. These actions can be found in Table 3. All

waterbodies covered by these actions are still impaired but are on schedule to be in compliance within a reasonable timeframe. New data has been collected on some of these waterbodies, as indicated in Table 3, and is under review for future reassessments.

Table 1. Total stream miles for the 4 cause removal categories.

Cause Removal Category	Total Miles
Full Use Restorations	67.4
Cause Removals	355.8
Error Corrections	93.8
Refinements	314.1

Table 2. Total lake acres for the 4 cause removal categories.

Cause Removal Category	Total Acres
Full Use Restorations	7,104.9
Cause Removals	92.4
Error Corrections	0
Refinements	1,016.9

Table 3. Category 4b Waterbodies.

DEP Assessment Unit Id	Stream Name	EPA ATTAINS Action Id	Date Expected to Support	Addressed Parameter(s)	Comments
15501	Paxton Creek	3554	2032	BOD	The DEP is reviewing a long-term control plan to address the Combined Sewer Overflow (CSO) discharges in the Paxton Creek watershed.
16535	Frankford Creek and Tacony Creek	3555	2036	Organic Enrichment	The DEP has signed a Consent Order & Agreement (CO&A) with the Philadelphia Water Department for a CSO long-term control plan which, in-part, provides for correction of this impairment. A reassessment was completed for the 2026 IR. Organic Enrichment was retained due to recent CIM data still showing low DO problems in the area of the Organic Enrichment impairment.
19975	UNT to North Branch Middle Creek	3558	2028	Nutrients, Siltation, Organic Enrichment	Animal Concentration Area (ACA)/ Concentrated Animal Feeding Operations (CAFO) ongoing compliance/enforcement case.
21213	UNT to North Branch Middle Creek	3558	2028	Pathogens	ACA/CAFO ongoing compliance/enforcement case.
20763	Stone Run	3559	2030	Organic Enrichment	Stream impairment due to a CAFO. DEP settled litigation in 2023 and expects to see incremental improvements over the next 7 years.

Table 4. Waterbodies that have been fully restored and are now supporting the specified protected use.

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	Previous Cause(s)	Delisting Reason
Cole Run	61115911	Special Protection	10518	24385	0.779	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Cooks Run	61115751	Special Protection	10518	24385	0.475	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Cooks Run	61115755	Special Protection	10518	24385	0.057	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Cooks Run	61115763	Special Protection	10518	24385	1.089	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Cooks Run	61115765	Special Protection	10518	24385	0.065	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Cooks Run	61115775	Special Protection	10518	24385	0.022	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Enlow Fork	73869976	Aquatic Life	1462	24427	0.670	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870092	Aquatic Life	1462	24427	0.286	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870102	Aquatic Life	1462	24427	0.366	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870162	Aquatic Life	1462	24427	0.444	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870202	Aquatic Life	1462	24427	0.186	Greene	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870298	Aquatic Life	1462	24427	0.337	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870326	Aquatic Life	1462	24427	0.101	Greene	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870448	Aquatic Life	1462	24427	0.485	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Enlow Fork	73870572	Aquatic Life	1462	24427	0.367	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Evitts Creek	45643873	Special Protection	971	24319	0.059	Bedford	FLOW REGIME MODIFICATION; THERMAL MODIFICATIONS	WQS New Data
Evitts Creek	45643915	Special Protection	971	24319	0.332	Bedford	FLOW REGIME MODIFICATION; THERMAL MODIFICATIONS	WQS New Data
Fivemile Run	123854263	Aquatic Life	8476	24157	0.205	Jefferson	NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data
Fivemile Run	123854514	Aquatic Life	8476	24157	0.135	Jefferson	NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data
Fivemile Run	123854515	Aquatic Life	8476	24157	0.006	Jefferson	NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data
Fivemile Run	123859726	Aquatic Life	8476	24157	0.915	Jefferson	NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data
Fivemile Run	123859728	Aquatic Life	8476	24157	2.039	Jefferson	NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data
Harts Creek	57349469	Fish Consumption	3140	24196	0.102	Tioga	MERCURY	WQS New Data
Harts Creek	57349473	Fish Consumption	3140	24196	0.010	Tioga	MERCURY	WQS New Data
Harts Creek	57349503	Fish Consumption	3140	24196	0.166	Tioga	MERCURY	WQS New Data
Harts Creek	57349519	Fish Consumption	3140	24196	0.073	Tioga	MERCURY	WQS New Data
Harts Creek	57349525	Fish Consumption	3140	24196	0.011	Tioga	MERCURY	WQS New Data
Kehly Run	54960599	Aquatic Life	3335	24177	0.136	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960601	Aquatic Life	3335	24177	0.064	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960605	Aquatic Life	3335	24177	0.022	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960619	Aquatic Life	3335	24177	0.188	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960623	Aquatic Life	3335	24177	0.096	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960625	Aquatic Life	3335	24177	0.014	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Kehly Run	54960627	Aquatic Life	3335	24177	0.099	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Little Fishing Creek	65638841	Recreational	2759	23900	0.035	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65638917	Recreational	2759	23900	0.220	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65638943	Recreational	2759	23900	0.326	Columbia	PATHOGENS	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	Previous Cause(s)	Delisting Reason
Little Fishing Creek	65638989	Recreational	2759	23900	0.200	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65639083	Recreational	2759	23900	0.551	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65639135	Recreational	2759	23900	0.237	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65639241	Recreational	2759	23900	0.604	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65639249	Recreational	2759	23900	0.083	Columbia	PATHOGENS	WQS New Data
Little Fishing Creek	65639277	Recreational	2759	23900	0.159	Columbia	PATHOGENS	WQS New Data
Little Mill Creek	102670023	Aquatic Life	7733	24409	1.008	Jefferson	METALS	WQS Restoration Activities
Little Mill Creek	102670027	Aquatic Life	7733	24409	0.019	Jefferson	METALS	WQS Restoration Activities
Little Mill Creek	102670047	Aquatic Life	7733	24409	0.376	Jefferson	METALS	WQS Restoration Activities
Little Mill Creek	102670055	Aquatic Life	7733	24409	0.025	Jefferson	METALS	WQS Restoration Activities
Mahannon Creek	25986206	Aquatic Life	481	24455	0.765	Schuylkill	NUTRIENTS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Mahoning Creek	65641437	Aquatic Life	4774	23838	0.562	Montour	SILTATION	WQS New Data
Mitchell Creek	57350017	Fish Consumption	3140	24196	0.273	Tioga	MERCURY	WQS New Data
Narrows Creek	123863056	Aquatic Life	1678	24392	1.199	Clearfield	METALS	WQS New Data
Narrows Creek	123863062	Aquatic Life	1678	24392	0.436	Clearfield	METALS	WQS New Data
Narrows Creek	123863063	Aquatic Life	1678	24392	1.776	Clearfield	METALS	WQS New Data
Narrows Creek	123863065	Aquatic Life	1678	24392	0.723	Clearfield	METALS	WQS New Data
Redbank Creek	123857764	Aquatic Life	2143	24033	0.075	Armstrong	METALS	WQS New Data
Redbank Creek	123857792	Aquatic Life	2143	24033	0.571	Clarion	METALS	WQS New Data
Redbank Creek	123857795	Aquatic Life	2143	24033	1.370	Clarion	METALS	WQS New Data
Redbank Creek	123857797	Aquatic Life	2143	24033	0.279	Clarion	METALS	WQS New Data
Redbank Creek	123857799	Aquatic Life	2143	24033	0.937	Clarion	METALS	WQS New Data
Redbank Creek	123857801	Aquatic Life	2143	24033	1.055	Clarion	METALS	WQS New Data
Redbank Creek	123864318	Aquatic Life	2143	24033	0.888	Clarion	METALS	WQS New Data
Redbank Creek	123864320	Aquatic Life	2143	24033	0.667	Clarion	METALS	WQS New Data
Reese Run	100476143	Special Protection	1978	23672	1.090	Venango	METALS; SILTATION	WQS Restoration Activities
Reese Run	100476223	Special Protection	1978	23672	0.421	Venango	METALS; SILTATION	WQS Restoration Activities
Rocky Run	73870152	Aquatic Life	1449	24433	0.989	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Rocky Run	73870290	Aquatic Life	1449	24433	0.450	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Shenandoah Creek	54960639	Aquatic Life	3335	24177	0.447	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Shenandoah Creek	54960641	Aquatic Life	3335	24177	0.093	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Shenandoah Creek	54960643	Aquatic Life	3335	24177	0.032	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Shenandoah Creek	54960645	Aquatic Life	3335	24177	0.010	Schuylkill	HABITAT ALTERATIONS	WQS New Data
Shenango River	130025804	Fish Consumption	22645	24195	0.384	Mercer	MERCURY	WQS New Data
Shenango River	130025806	Fish Consumption	22645	24195	0.506	Mercer	MERCURY	WQS New Data
Shenango River	130025880	Fish Consumption	22645	24195	0.813	Mercer	MERCURY	WQS New Data
Shenango River	130025882	Fish Consumption	22645	24195	0.552	Mercer	MERCURY	WQS New Data
Shenango River	130025913	Fish Consumption	22645	24195	0.115	Mercer	MERCURY	WQS New Data
Shenango River	130025923	Fish Consumption	22645	24195	0.272	Mercer	MERCURY	WQS New Data
Shenango River	130025925	Fish Consumption	22645	24195	0.541	Mercer	MERCURY	WQS New Data
Shenango River	130025926	Fish Consumption	22645	24195	0.778	Mercer	MERCURY	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	Previous Cause(s)	Delisting Reason
Shenango River	130025929	Fish Consumption	22645	24195	0.173	Mercer	MERCURY	WQS New Data
Shenango River	130025931	Fish Consumption	22645	24195	0.079	Mercer	MERCURY	WQS New Data
Shenango River	130025935	Fish Consumption	22645	24195	0.368	Mercer	MERCURY	WQS New Data
Shenango River	130025937	Fish Consumption	22645	24195	0.183	Mercer	MERCURY	WQS New Data
Shenango River	130025938	Fish Consumption	22645	24195	0.024	Mercer	MERCURY	WQS New Data
Shenango River	130025939	Fish Consumption	22645	24195	0.142	Mercer	MERCURY	WQS New Data
Shenango River	130025940	Fish Consumption	22645	24195	0.153	Mercer	MERCURY	WQS New Data
Shenango River	130025941	Fish Consumption	22645	24195	0.009	Mercer	MERCURY	WQS New Data
Shenango River	130025942	Fish Consumption	22645	24195	0.010	Mercer	MERCURY	WQS New Data
Shenango River	130025943	Fish Consumption	22645	24195	0.816	Mercer	MERCURY	WQS New Data
Shenango River	130025945	Fish Consumption	22645	24195	0.209	Mercer	MERCURY	WQS New Data
Shenango River	130025947	Fish Consumption	22645	24195	0.116	Mercer	MERCURY	WQS New Data
Shenango River	130025949	Fish Consumption	22645	24195	0.222	Mercer	MERCURY	WQS New Data
Shenango River	130025951	Fish Consumption	22645	24195	0.287	Mercer	MERCURY	WQS New Data
Shenango River	130025953	Fish Consumption	22645	24195	0.130	Mercer	MERCURY	WQS New Data
Shenango River	130025955	Fish Consumption	22645	24195	0.332	Mercer	MERCURY	WQS New Data
Shenango River	130025957	Fish Consumption	22645	24195	0.774	Mercer	MERCURY	WQS New Data
Shenango River	130025959	Fish Consumption	22645	24195	0.232	Mercer	MERCURY	WQS New Data
Shenango River	130025961	Fish Consumption	22645	24195	0.441	Mercer	MERCURY	WQS New Data
Shenango River	130025962	Fish Consumption	22645	24195	0.398	Mercer	MERCURY	WQS New Data
Shenango River	130027593	Fish Consumption	22645	24195	0.034	Crawford	MERCURY	WQS New Data
Shenango River	130027595	Fish Consumption	22645	24195	0.081	Crawford	MERCURY	WQS New Data
Shenango River	130027660	Fish Consumption	22645	24195	0.022	Crawford	MERCURY	WQS New Data
Shenango River	130027721	Fish Consumption	22645	24195	0.601	Crawford	MERCURY	WQS New Data
Shenango River	130027722	Fish Consumption	22645	24195	0.099	Crawford	MERCURY	WQS New Data
Shenango River	130027723	Fish Consumption	22645	24195	0.513	Crawford	MERCURY	WQS New Data
Shenango River	130027724	Fish Consumption	22645	24195	0.475	Crawford	MERCURY	WQS New Data
Shenango River	130027725	Fish Consumption	22645	24195	0.184	Mercer	MERCURY	WQS New Data
Shenango River	130027726	Fish Consumption	22645	24195	0.309	Mercer	MERCURY	WQS New Data
Shenango River	130027727	Fish Consumption	22645	24195	0.540	Mercer	MERCURY	WQS New Data
Shenango River	130027728	Fish Consumption	22645	24195	0.354	Mercer	MERCURY	WQS New Data
Shenango River	130027729	Fish Consumption	22645	24195	0.209	Mercer	MERCURY	WQS New Data
Shenango River	130027730	Fish Consumption	22645	24195	0.257	Mercer	MERCURY	WQS New Data
Shenango River	130027731	Fish Consumption	22645	24195	0.652	Mercer	MERCURY	WQS New Data
Shenango River	130027732	Fish Consumption	22645	24195	0.387	Mercer	MERCURY	WQS New Data
Shenango River	130027733	Fish Consumption	22645	24195	0.098	Mercer	MERCURY	WQS New Data
Shenango River	130027734	Fish Consumption	22645	24195	0.536	Mercer	MERCURY	WQS New Data
Shenango River	130027735	Fish Consumption	22645	24195	0.584	Mercer	MERCURY	WQS New Data
Shenango River	130027752	Fish Consumption	22645	24195	0.320	Mercer	MERCURY	WQS New Data
Shenango River	130027753	Fish Consumption	22645	24195	0.879	Mercer	MERCURY	WQS New Data
Shenango River	130027754	Fish Consumption	22645	24195	0.160	Mercer	MERCURY	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	Previous Cause(s)	Delisting Reason
Shenango River	130027755	Fish Consumption	22645	24195	0.950	Mercer	MERCURY	WQS New Data
Shenango River	130034446	Fish Consumption	22645	24195	0.879	Mercer	MERCURY	WQS New Data
Shenango River	130034447	Fish Consumption	22645	24195	0.267	Mercer	MERCURY	WQS New Data
Shenango River	130034448	Fish Consumption	22645	24195	0.190	Mercer	MERCURY	WQS New Data
Shenango River	130034449	Fish Consumption	22645	24195	0.167	Mercer	MERCURY	WQS New Data
Shenango River	130034450	Fish Consumption	22645	24195	0.081	Mercer	MERCURY	WQS New Data
Shenango River	130034451	Fish Consumption	22645	24195	0.224	Mercer	MERCURY	WQS New Data
Shenango River	130034452	Fish Consumption	22645	24195	0.587	Mercer	MERCURY	WQS New Data
Shenango River	130034453	Fish Consumption	22645	24195	0.193	Mercer	MERCURY	WQS New Data
Shenango River	130034454	Fish Consumption	22645	24195	0.359	Mercer	MERCURY	WQS New Data
Shenango River	130034455	Fish Consumption	22645	24195	0.175	Mercer	MERCURY	WQS New Data
Shenango River	130034456	Fish Consumption	22645	24195	0.180	Mercer	MERCURY	WQS New Data
Shenango River	130034457	Fish Consumption	22645	24195	0.175	Mercer	MERCURY	WQS New Data
Shenango River	130034458	Fish Consumption	22645	24195	0.043	Mercer	MERCURY	WQS New Data
Shenango River	130034459	Fish Consumption	22645	24195	0.082	Mercer	MERCURY	WQS New Data
Shenango River	130034779	Fish Consumption	22645	24195	0.094	Mercer	MERCURY	WQS New Data
Sugar Run	130027594	Fish Consumption	22645	24195	0.088	Crawford	MERCURY	WQS New Data
Templeton Fork	73869622	Aquatic Life	1456	24433	0.440	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Templeton Fork	73869746	Aquatic Life	1456	24433	0.296	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Templeton Fork	73869878	Aquatic Life	1456	24433	0.336	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Templeton Fork	73870182	Aquatic Life	1456	24433	0.728	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Templeton Fork	73870368	Aquatic Life	1456	24433	0.405	Washington	HABITAT ALTERATIONS; SILTATION	WQS New Data
Tioga River	57349303	Fish Consumption	3140	24196	0.278	Tioga	MERCURY	WQS New Data
Tioga River	57349457	Fish Consumption	3140	24196	1.505	Tioga	MERCURY	WQS New Data
Tioga River	57349619	Fish Consumption	3140	24196	0.552	Tioga	MERCURY	WQS New Data
Tioga River	57349631	Fish Consumption	3140	24196	0.094	Tioga	MERCURY	WQS New Data
Tioga River	57349889	Fish Consumption	3140	24196	0.250	Tioga	MERCURY	WQS New Data
Tioga River	57349891	Fish Consumption	3140	24196	0.003	Tioga	MERCURY	WQS New Data
Tioga River	57349895	Fish Consumption	3140	24196	0.066	Tioga	MERCURY	WQS New Data
Tioga River	57349905	Fish Consumption	3140	24196	0.063	Tioga	MERCURY	WQS New Data
Tioga River	57349911	Fish Consumption	3140	24196	0.059	Tioga	MERCURY	WQS New Data
Tioga River	57349913	Fish Consumption	3140	24196	0.017	Tioga	MERCURY	WQS New Data
Tioga River	57349915	Fish Consumption	3140	24196	0.004	Tioga	MERCURY	WQS New Data
Tioga River	57349959	Fish Consumption	3140	24196	0.476	Tioga	MERCURY	WQS New Data
Tioga River	57349981	Fish Consumption	3140	24196	0.194	Tioga	MERCURY	WQS New Data
Tioga River	57350049	Fish Consumption	3140	24196	0.219	Tioga	MERCURY	WQS New Data
Tioga River	57350055	Fish Consumption	3140	24196	0.048	Tioga	MERCURY	WQS New Data
Tioga River	57350067	Fish Consumption	3140	24196	0.025	Tioga	MERCURY	WQS New Data
Tioga River	57350071	Fish Consumption	3140	24196	0.023	Tioga	MERCURY	WQS New Data
Tioga River	57350083	Fish Consumption	3140	24196	0.076	Tioga	MERCURY	WQS New Data
Tioga River	57350085	Fish Consumption	3140	24196	0.011	Tioga	MERCURY	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	Previous Cause(s)	Delisting Reason
Tioga River	57350091	Fish Consumption	3140	24196	0.041	Tioga	MERCURY	WQS New Data
Tioga River	57350125	Fish Consumption	3140	24196	0.180	Tioga	MERCURY	WQS New Data
Tioga River	57350137	Fish Consumption	3140	24196	0.060	Tioga	MERCURY	WQS New Data
Tioga River	57350167	Fish Consumption	3140	24196	0.140	Tioga	MERCURY	WQS New Data
Tioga River	57350181	Fish Consumption	3140	24196	0.088	Tioga	MERCURY	WQS New Data
Tioga River	57350183	Fish Consumption	3140	24196	0.079	Tioga	MERCURY	WQS New Data
Tioga River	57350239	Fish Consumption	3140	24196	0.715	Tioga	MERCURY	WQS New Data
Tioga River	57350247	Fish Consumption	3140	24196	0.114	Tioga	MERCURY	WQS New Data
Tioga River	133069764	Fish Consumption	3140	24196	0.833	Tioga	MERCURY	WQS New Data
Tioga River	133069765	Fish Consumption	3140	24196	0.466	Tioga	MERCURY	WQS New Data
Unnamed Tributary to Cooks Run	61115879	Special Protection	10518	24385	0.452	Clinton	METALS; PH; SILTATION	WQS Restoration Activities
Unnamed Tributary to Hungry Run	66204001	Aquatic Life	2727	23750	1.044	Mifflin	SILTATION	WQS New Data
Unnamed Tributary to Little Mill Creek	102670013	Aquatic Life	7733	24409	0.034	Jefferson	METALS	WQS Restoration Activities
Unnamed Tributary to Little Mill Creek	102670025	Aquatic Life	7733	24409	0.068	Jefferson	METALS	WQS Restoration Activities
Unnamed Tributary to Little Mill Creek	102670103	Aquatic Life	7733	24409	0.517	Jefferson	METALS	WQS Restoration Activities
Unnamed Tributary to Reese Run	100476141	Special Protection	1979	23672	0.506	Venango	METALS; SILTATION	WQS Restoration Activities
Unnamed Tributary to Reese Run	100476541	Special Protection	2106	23672	1.814	Venango	METALS; SILTATION	WQS Restoration Activities
Unnamed Tributary to Shenango River	130027737	Fish Consumption	22645	24195	0.522	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027738	Fish Consumption	22645	24195	0.086	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027739	Fish Consumption	22645	24195	0.809	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027740	Fish Consumption	22645	24195	0.109	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027741	Fish Consumption	22645	24195	0.167	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027742	Fish Consumption	22645	24195	0.247	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027743	Fish Consumption	22645	24195	0.072	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027744	Fish Consumption	22645	24195	0.587	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027746	Fish Consumption	22645	24195	0.197	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027748	Fish Consumption	22645	24195	0.336	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130027750	Fish Consumption	22645	24195	0.288	Mercer	MERCURY	WQS New Data
Unnamed Tributary to Shenango River	130034809	Fish Consumption	22645	24195	0.237	Mercer	MERCURY	WQS New Data

Table 5. Waterbodies where some but not all causes of impairment are removed. The waterbody is still impaired for that protected use.

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Bieber Creek	25479726	Fish Consumption	22638	24197	0.999	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Bieber Creek	25479882	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Camp Run	61115749	Special Protection	10521	24391	3.148	Clinton	PH, LOW	METALS; PH	WQS Restoration Activities
Camp Run	61115767	Special Protection	10521	24391	0.774	Clinton	PH, LOW	METALS; PH	WQS Restoration Activities
Conemaugh River	123721860	Aquatic Life	7638	24376	0.678	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721863	Aquatic Life	7638	24376	0.598	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721865	Aquatic Life	10037	24376	0.303	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721868	Aquatic Life	10037	24376	0.337	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721874	Aquatic Life	10037	24376	0.342	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721875	Aquatic Life	10037	24376	0.452	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721890	Aquatic Life	10037	24376	0.509	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Conemaugh River	123721898	Aquatic Life	10036	24376	0.574	Westmoreland	IRON; SILTATION	METALS; PH	WQS New Data
Conemaugh River	123721902	Aquatic Life	10036	24376	0.238	Indiana	IRON; SILTATION	METALS; PH	WQS New Data
Conemaugh River	123721918	Aquatic Life	10036	24376	1.411	Westmoreland	IRON; SILTATION	METALS; PH	WQS New Data
Conemaugh River	123725366	Aquatic Life	7638	24376	0.485	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Crab Run	69914321	Special Protection	9317	23879	0.743	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Crab Run	69914487	Special Protection	9317	23879	0.519	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Crab Run	69914561	Special Protection	9317	23879	0.249	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Crab Run	69914821	Special Protection	9317	23879	0.920	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Crooks Run	102669923	Aquatic Life	7733	24401	1.250	Clarion	PH, LOW	METALS	WQS New Data
Evitts Creek	45642121	Special Protection	1341	24321	0.297	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642129	Special Protection	1341	24321	0.122	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642167	Special Protection	1341	24321	0.284	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642301	Special Protection	1341	24321	1.063	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642409	Special Protection	1341	24321	0.860	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642417	Special Protection	1341	24321	0.034	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642425	Special Protection	1341	24321	0.100	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642465	Special Protection	1341	24321	0.334	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642473	Special Protection	1341	24321	0.013	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642483	Special Protection	1341	24321	0.035	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642491	Special Protection	1341	24321	0.037	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642493	Special Protection	1341	24321	0.024	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642495	Special Protection	1341	24321	0.027	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642523	Special Protection	1341	24321	0.081	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642537	Special Protection	1341	24321	0.080	Bedford	SILTATION	NUTRIENTS	WQS New Data
Evitts Creek	45642577	Special Protection	1341	24321	0.154	Bedford	SILTATION	NUTRIENTS	WQS New Data
Forest Hills Run	26158230	Special Protection	2772	24424	0.153	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Forest Hills Run	26158240	Special Protection	2772	24424	1.403	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data
Forest Hills Run	26158262	Special Protection	2772	24424	0.706	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data
Forest Hills Run	26158822	Special Protection	2772	24424	0.041	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data
Forest Hills Run	26158824	Special Protection	2772	24424	0.035	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data
Forest Hills Run	26158826	Special Protection	2772	24424	0.026	Monroe	CHLORIDE	METALS; ORGANIC ENRICHMENT; THERMAL MODIFICATIONS	WQS New Data
Glanraffan Creek	25974964	Aquatic Life	7506	23884	0.661	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS Restoration Activities
Glanraffan Creek	25985534	Aquatic Life	7506	23884	0.255	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS Restoration Activities
Glanraffan Creek	133228917	Aquatic Life	7506	23884	0.069	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS Restoration Activities
Glanraffan Creek	133228919	Aquatic Life	7506	23884	0.025	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	WQS Restoration Activities
Hungry Run	66203937	Aquatic Life	1512	23752	0.177	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66203975	Aquatic Life	1512	23752	0.439	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204041	Aquatic Life	1512	23752	0.782	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204103	Aquatic Life	1512	23752	0.706	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204131	Aquatic Life	1512	23752	0.384	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204221	Aquatic Life	1512	23753	0.759	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204529	Aquatic Life	1558	23753	1.726	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Hungry Run	66204531	Aquatic Life	1558	23753	0.007	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Kyle Run	102670081	Aquatic Life	7733	24406	0.055	Jefferson	PH, LOW	METALS	WQS New Data
Kyle Run	102670101	Aquatic Life	7733	24406	0.097	Jefferson	PH, LOW	METALS	WQS New Data
Kyle Run	102670225	Aquatic Life	7733	24406	0.534	Clarion	PH, LOW	METALS	WQS New Data
Kyle Run	102670313	Aquatic Life	7733	24406	0.679	Clarion	PH, LOW	METALS	WQS New Data
Laborde Branch	123860928	Aquatic Life	1681	24481	0.387	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860939	Aquatic Life	1681	24481	0.405	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860941	Aquatic Life	1681	24481	0.185	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860962	Aquatic Life	1681	24481	3.062	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860909	Aquatic Life	1681	24483	1.159	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860917	Aquatic Life	8031	24483	0.598	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860918	Aquatic Life	8031	24483	1.317	Clearfield	SILTATION	METALS	WQS New Data
Laborde Branch	123860922	Aquatic Life	1681	24483	0.793	Clearfield	SILTATION	METALS	WQS New Data
Laurel Hill Creek	69914901	Special Protection	9333	23878	0.223	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915167	Special Protection	9333	23878	0.821	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915209	Special Protection	9337	23878	0.121	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915211	Special Protection	9337	23878	0.041	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915219	Special Protection	9337	23878	0.040	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915229	Special Protection	9337	23878	0.029	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Laurel Hill Creek	69915233	Special Protection	9337	23878	0.006	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915373	Special Protection	9337	23878	0.292	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915601	Special Protection	9337	23878	0.693	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915789	Special Protection	9337	23878	0.407	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69915933	Special Protection	9337	23878	0.500	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916021	Special Protection	9337	23878	0.204	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916305	Special Protection	9337	23878	0.684	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916477	Special Protection	9337	23878	0.846	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916539	Special Protection	9337	23878	0.195	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916721	Special Protection	9337	23878	0.466	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916865	Special Protection	9337	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Laurel Hill Creek	69916871	Special Protection	9337	23878	0.608	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Little Neshaminy Creek	25473832	Fish Consumption	22638	24197	0.024	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473854	Fish Consumption	22638	24197	0.524	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473856	Fish Consumption	22638	24197	0.397	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473858	Fish Consumption	22638	24197	0.581	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473862	Fish Consumption	22638	24197	0.255	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473864	Fish Consumption	22638	24197	0.246	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473866	Fish Consumption	22638	24197	0.096	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473868	Fish Consumption	22638	24197	0.547	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473870	Fish Consumption	22638	24197	0.753	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473872	Fish Consumption	22638	24197	0.188	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473874	Fish Consumption	22638	24197	0.174	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473876	Fish Consumption	22638	24197	0.288	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473878	Fish Consumption	22638	24197	0.220	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473884	Fish Consumption	22638	24197	0.234	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473890	Fish Consumption	22638	24197	0.773	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473900	Fish Consumption	22638	24197	0.153	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Little Neshaminy Creek	25473902	Fish Consumption	22638	24197	0.089	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25473994	Fish Consumption	22638	24197	0.117	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474018	Fish Consumption	22638	24197	0.096	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474020	Fish Consumption	22638	24197	0.025	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474022	Fish Consumption	22638	24197	0.006	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474024	Fish Consumption	22638	24197	0.033	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474026	Fish Consumption	22638	24197	0.050	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474028	Fish Consumption	22638	24197	0.056	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474032	Fish Consumption	22638	24197	0.019	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474038	Fish Consumption	22638	24197	0.373	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474042	Fish Consumption	22638	24197	0.071	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474044	Fish Consumption	22638	24197	0.012	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474082	Fish Consumption	22638	24197	0.031	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474086	Fish Consumption	22638	24197	0.748	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474088	Fish Consumption	22638	24197	0.828	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25474100	Fish Consumption	22638	24197	0.956	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25475962	Fish Consumption	22638	24197	0.493	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479666	Fish Consumption	22638	24197	0.071	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479672	Fish Consumption	22638	24197	0.199	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479678	Fish Consumption	22638	24197	0.304	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479680	Fish Consumption	22638	24197	0.154	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479684	Fish Consumption	22638	24197	0.098	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479838	Fish Consumption	22638	24197	0.020	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Little Neshaminy Creek	25479840	Fish Consumption	22638	24197	0.705	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479842	Fish Consumption	22638	24197	0.085	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479852	Fish Consumption	22638	24197	0.624	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479858	Fish Consumption	22638	24197	0.006	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479862	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479866	Fish Consumption	22638	24197	0.009	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479870	Fish Consumption	22638	24197	0.009	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479872	Fish Consumption	22638	24197	0.005	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479878	Fish Consumption	22638	24197	0.105	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479920	Fish Consumption	22638	24197	0.137	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479922	Fish Consumption	22638	24197	0.746	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479924	Fish Consumption	22638	24197	0.204	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479926	Fish Consumption	22638	24197	1.312	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479928	Fish Consumption	22638	24197	0.090	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479930	Fish Consumption	22638	24197	0.009	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479932	Fish Consumption	22638	24197	0.047	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479934	Fish Consumption	22638	24197	1.099	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479936	Fish Consumption	22638	24197	0.086	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479938	Fish Consumption	22638	24197	0.081	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479942	Fish Consumption	22638	24197	0.068	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479944	Fish Consumption	22638	24197	0.295	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479946	Fish Consumption	22638	24197	0.037	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479948	Fish Consumption	22638	24197	0.113	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Little Neshaminy Creek	25479950	Fish Consumption	22638	24197	0.012	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479952	Fish Consumption	22638	24197	0.232	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479954	Fish Consumption	22638	24197	0.070	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Neshaminy Creek	25479966	Fish Consumption	22638	24197	0.661	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Little Plum Creek	123972314	Aquatic Life	10567	23665	0.189	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	WQS New Data
Little Plum Creek	123972319	Aquatic Life	10888	23665	0.895	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972531	Aquatic Life	10567	23665	0.167	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	WQS New Data
Little Plum Creek	123973085	Aquatic Life	10567	23665	0.634	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	WQS New Data
Little Plum Creek	123970657	Aquatic Life	10888	23668	0.142	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123970679	Aquatic Life	10888	23668	0.982	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972325	Aquatic Life	10888	23668	0.457	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972328	Aquatic Life	10888	23668	0.506	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972626	Aquatic Life	10888	23668	0.193	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972630	Aquatic Life	10888	23668	0.193	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972632	Aquatic Life	10888	23668	0.132	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972634	Aquatic Life	10888	23668	0.362	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Little Plum Creek	123972636	Aquatic Life	10888	23668	0.280	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; NUTRIENTS; OIL AND GREASE	WQS New Data
Mahannon Creek	25986212	Aquatic Life	481	24454	0.168	Schuylkill	NUTRIENTS	NUTRIENTS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Mahannon Creek	25986216	Aquatic Life	481	24454	1.229	Schuylkill	NUTRIENTS	NUTRIENTS; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Mahannon Creek	25986312	Aquatic Life	1420	24456	0.038	Schuylkill	ORGANIC ENRICHMENT	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS New Data
Mahannon Creek	25986316	Aquatic Life	1420	24456	0.149	Schuylkill	ORGANIC ENRICHMENT	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS New Data
Mahannon Creek	25991254	Aquatic Life	1420	24456	0.085	Schuylkill	ORGANIC ENRICHMENT	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS New Data
Mahannon Creek	25993418	Aquatic Life	1420	24456	0.104	Schuylkill	ORGANIC ENRICHMENT	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS New Data
Mahanoy Creek	54962279	Aquatic Life	2705	24125	4.450	Schuylkill	IRON; SILTATION	FLOW REGIME MODIFICATION; PH	WQS New Data
Mahanoy Creek	54961271	Aquatic Life	2704	24164	5.360	Schuylkill	FLOW REGIME MODIFICATION; IRON; SILTATION	METALS; PH	WQS New Data
Mahanoy Creek	54961331	Aquatic Life	2704	24168	1.604	Schuylkill	ALUMINUM; IRON; SILTATION	METALS; PH	WQS New Data
McGee Run	123728272	Aquatic Life	12684	24234	0.487	Westmoreland	HABITAT ALTERATIONS; STREAM MODIFICATION	ALGAE; SILTATION	WQS New Data
McGee Run	123718021	Aquatic Life	12682	24235	0.831	Westmoreland	HABITAT ALTERATIONS; PH, HIGH; SILTATION	ALGAE; SILTATION	WQS New Data
Mill Creek	25999180	Aquatic Life	5399	23927	0.414	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Mill Creek	25999208	Aquatic Life	5399	23927	0.287	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Mill Creek	25999224	Aquatic Life	5399	23927	0.241	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Mill Creek	25999250	Aquatic Life	5399	23927	0.199	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Mill Creek	25999256	Aquatic Life	5336	23927	0.611	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	SILTATION	WQS New Data
Mill Creek	25999664	Aquatic Life	5336	23927	0.014	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	SILTATION	WQS New Data
Mill Creek	102669587	Special Protection	11400	24411	0.821	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669589	Special Protection	11400	24411	0.178	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669591	Special Protection	11400	24411	0.288	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669613	Special Protection	11400	24411	0.631	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669617	Special Protection	11401	24411	0.040	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669623	Special Protection	11401	24411	0.467	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669625	Special Protection	11401	24411	0.286	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669631	Special Protection	11400	24411	0.004	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669633	Special Protection	11400	24411	0.679	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669645	Special Protection	11401	24411	0.541	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669647	Special Protection	11401	24411	0.313	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669683	Special Protection	11401	24411	0.425	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669687	Special Protection	11401	24411	0.186	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669703	Special Protection	11400	24411	0.370	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669747	Special Protection	11401	24411	0.526	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669761	Special Protection	11399	24411	2.170	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669771	Special Protection	11401	24411	0.373	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669823	Special Protection	11400	24411	0.385	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669871	Special Protection	11400	24411	0.899	Clarion	SILTATION	METALS	WQS New Data
Mill Creek	102669895	Special Protection	11399	24411	0.890	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669897	Special Protection	11399	24411	1.043	Jefferson	SILTATION	METALS	WQS New Data
Mill Creek	102669301	Special Protection	11399	24413	1.580	Jefferson	PH, LOW	METALS	WQS New Data
Mill Creek	102669373	Special Protection	11399	24413	0.470	Jefferson	PH, LOW	METALS	WQS New Data
Mill Creek	102669445	Special Protection	11399	24413	0.688	Jefferson	PH, LOW	METALS	WQS New Data
Narrows Creek	123863054	Aquatic Life	21969	24393	1.742	Clearfield	HABITAT ALTERATIONS; SILTATION	ALUMINUM; CAUSE UNKNOWN; IRON; MANGANESE	WQS New Data
Park Creek	25473908	Fish Consumption	22638	24197	0.651	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473916	Fish Consumption	22638	24197	0.672	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473918	Fish Consumption	22638	24197	0.313	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Park Creek	25473920	Fish Consumption	22638	24197	1.203	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473924	Fish Consumption	22638	24197	1.159	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473928	Fish Consumption	22638	24197	0.844	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473930	Fish Consumption	22638	24197	0.204	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473940	Fish Consumption	22638	24197	1.054	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473942	Fish Consumption	22638	24197	0.621	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25473946	Fish Consumption	22638	24197	0.089	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25474050	Fish Consumption	22638	24197	0.079	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25474054	Fish Consumption	22638	24197	0.021	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Park Creek	25474094	Fish Consumption	22638	24197	0.090	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Pennypack Creek	25585777	Aquatic Life	10730	24438	1.811	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Pennypack Creek	25599635	Aquatic Life	10730	24438	0.692	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Pennypack Creek	25599775	Aquatic Life	10730	24438	0.010	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Pine Run	66916559	Fish Consumption	11460	24230	0.206	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Pleasant Spring Creek	25999154	Aquatic Life	5408	23924	0.191	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999156	Aquatic Life	5408	23924	0.222	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999162	Aquatic Life	5408	23924	0.926	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999168	Aquatic Life	5408	23924	0.469	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999200	Aquatic Life	5408	23924	0.042	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999206	Aquatic Life	13865	23924	0.406	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999794	Aquatic Life	5408	23924	0.027	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999230	Aquatic Life	13865	23925	0.255	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Pleasant Spring Creek	25999242	Aquatic Life	13865	23925	0.311	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999260	Aquatic Life	13865	23925	0.290	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999284	Aquatic Life	13865	23925	0.235	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999290	Aquatic Life	13865	23925	0.616	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999318	Aquatic Life	5408	23925	0.325	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999342	Aquatic Life	5408	23925	0.395	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999618	Aquatic Life	5408	23925	0.151	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Pleasant Spring Creek	25999620	Aquatic Life	5408	23925	0.011	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Plum Creek	123970676	Aquatic Life	10655	23667	0.436	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970693	Aquatic Life	10655	23667	0.398	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970704	Aquatic Life	10655	23667	0.841	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970709	Aquatic Life	10655	23667	0.046	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970711	Aquatic Life	10655	23667	0.277	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970713	Aquatic Life	10655	23667	0.511	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970717	Aquatic Life	10655	23667	0.273	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970718	Aquatic Life	10655	23667	0.277	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123973107	Aquatic Life	10655	23667	0.644	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Plum Creek	123970663	Aquatic Life	10853	23669	0.179	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972625	Aquatic Life	10853	23669	0.605	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972637	Aquatic Life	10853	23669	0.250	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972638	Aquatic Life	10849	23669	1.132	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972644	Aquatic Life	10853	23669	0.656	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972646	Aquatic Life	10853	23669	2.731	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Plum Creek	123972842	Aquatic Life	10849	23669	0.099	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; OIL AND GREASE; SULFATE	WQS New Data
Rock Run	61115665	Special Protection	10522	24389	1.714	Clinton	PH, LOW	METALS; PH	WQS Restoration Activities
Sand Spring Run	45641781	Special Protection	1351	24315	1.179	Bedford	PH, LOW	HABITAT ALTERATIONS; PH	WQS New Data
Sandy Lick Creek	123863006	Aquatic Life	21967	23873	0.352	Clearfield	SILTATION	AMMONIA, UN-IONIZED; SILTATION; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Sandy Lick Creek	123863089	Aquatic Life	21967	23873	0.121	Clearfield	SILTATION	AMMONIA, UN-IONIZED; SILTATION; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Sandy Lick Creek	123863092	Aquatic Life	21967	23873	0.303	Clearfield	SILTATION	AMMONIA, UN-IONIZED; SILTATION; TOTAL SUSPENDED SOLIDS (TSS)	WQS New Data
Sandy Run	25598875	Aquatic Life	10728	24475	0.688	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Sandy Run	25599199	Aquatic Life	10728	24475	0.011	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Shenandoah Creek	133385304	Aquatic Life	2710	24172	0.737	Schuylkill	HABITAT ALTERATIONS; PH, LOW; SILTATION	METALS; ORGANIC ENRICHMENT; SILTATION	WQS New Data
Shupe Run	69914543	Aquatic Life	6798	24278	0.355	Westmoreland	HABITAT ALTERATIONS; SILTATION	METALS; SILTATION	WQS New Data
Shupe Run	69914547	Aquatic Life	6798	24278	0.030	Westmoreland	HABITAT ALTERATIONS; SILTATION	METALS; SILTATION	WQS New Data
Shupe Run	69914549	Aquatic Life	6798	24278	0.029	Westmoreland	HABITAT ALTERATIONS; SILTATION	METALS; SILTATION	WQS New Data
Shupe Run	69914609	Aquatic Life	6798	24278	0.167	Westmoreland	HABITAT ALTERATIONS; SILTATION	METALS; SILTATION	WQS New Data
Shupe Run	69913857	Aquatic Life	6803	24278	0.572	Westmoreland	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT	WQS New Data
Southampton Creek	25599649	Aquatic Life	13061	24445	0.365	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599661	Aquatic Life	13061	24445	0.826	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599663	Aquatic Life	13061	24445	0.057	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599665	Aquatic Life	13061	24445	0.070	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599667	Aquatic Life	13061	24445	0.085	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599675	Aquatic Life	13061	24445	0.718	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599689	Aquatic Life	13061	24445	0.605	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25625958	Aquatic Life	13061	24445	0.128	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Southampton Creek	25599701	Aquatic Life	13059	24447	0.419	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT	WQS New Data
Southampton Creek	25599711	Aquatic Life	13059	24447	0.231	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT	WQS New Data
Southampton Creek	25599795	Aquatic Life	13059	24447	0.014	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT	WQS New Data
Stauffer Run	69914443	Aquatic Life	6851	24296	1.274	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Stauffer Run	69914595	Aquatic Life	6851	24296	0.580	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Stauffer Run	69914695	Aquatic Life	6851	24296	0.370	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Stauffer Run	69914697	Aquatic Life	6851	24296	0.030	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Stauffer Run	134770182	Aquatic Life	10054	24296	1.318	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Stauffer Run	134770184	Aquatic Life	10054	24296	0.475	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Sugarcamp Run	123860942	Aquatic Life	1756	24484	1.123	Clearfield	SILTATION	METALS	WQS New Data
Sugarcamp Run	123860946	Aquatic Life	1756	24484	0.694	Clearfield	SILTATION	METALS	WQS New Data
Unnamed Tributary to Camp Run	61115801	Special Protection	10518	24391	0.789	Clinton	PH, LOW	METALS; PH; SILTATION	WQS Restoration Activities
Unnamed Tributary to Crab Run	69914153	Special Protection	9317	23879	0.012	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914163	Special Protection	9317	23879	0.703	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914165	Special Protection	9317	23879	0.043	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914221	Special Protection	9317	23879	0.290	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914315	Special Protection	9317	23879	0.014	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914319	Special Protection	9317	23879	0.024	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914397	Special Protection	9317	23879	0.018	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914403	Special Protection	9317	23879	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914407	Special Protection	9317	23879	0.035	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914435	Special Protection	9317	23879	0.811	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914437	Special Protection	9317	23879	0.574	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914485	Special Protection	9317	23879	0.142	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Crab Run	69914559	Special Protection	9317	23879	1.045	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Enlow Fork	73871520	Aquatic Life	15638	24429	0.252	Greene	STREAM MODIFICATION	NON-NATIVE FISH/SHELLFISH/ZOOPLANKTON; OSMOTIC PRESSURE; TOTAL DISSOLVED SOLIDS (TDS)	WQS New Data
Unnamed Tributary to Enlow Fork	73871532	Aquatic Life	15638	24429	0.826	Greene	STREAM MODIFICATION	NON-NATIVE FISH/SHELLFISH/ZOOPLANKTON; OSMOTIC PRESSURE; TOTAL DISSOLVED SOLIDS (TDS)	WQS New Data
Unnamed Tributary to Hungry Run	66204147	Aquatic Life	1512	23751	1.611	Mifflin	HABITAT ALTERATIONS	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204105	Aquatic Life	1512	23752	0.516	Mifflin	SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204119	Aquatic Life	1558	23753	0.813	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204121	Aquatic Life	1558	23753	0.680	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204123	Aquatic Life	1558	23753	0.043	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204149	Aquatic Life	1558	23753	1.017	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Hungry Run	66204223	Aquatic Life	1558	23753	0.741	Mifflin	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Indian Creek	25999066	Aquatic Life	3372	23946	0.540	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS Restoration Activities
Unnamed Tributary to Jacobs Creek	69914123	Aquatic Life	6728	24271	0.024	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Jacobs Creek	69914179	Aquatic Life	6728	24271	0.300	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914191	Aquatic Life	6728	24271	0.042	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914193	Aquatic Life	6728	24271	0.004	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914195	Aquatic Life	6728	24271	0.021	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914203	Aquatic Life	6728	24271	0.014	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914207	Aquatic Life	6728	24271	0.014	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914209	Aquatic Life	6728	24271	0.007	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914225	Aquatic Life	6728	24271	0.045	Westmoreland	HABITAT ALTERATIONS	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69915117	Aquatic Life	6827	24284	0.994	Fayette	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Jacobs Creek	69915323	Aquatic Life	6825	24285	0.578	Fayette	ALUMINUM; HABITAT ALTERATIONS; PH, LOW; SILTATION	ORGANIC ENRICHMENT; PH; SILTATION	WQS New Data
Unnamed Tributary to Jacobs Creek	69915031	Aquatic Life	6831	24287	0.199	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Jacobs Creek	69915073	Aquatic Life	6831	24287	0.082	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Jacobs Creek	69915147	Aquatic Life	6831	24287	0.126	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Jacobs Creek	69914863	Aquatic Life	6832	24287	1.087	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914979	Aquatic Life	6832	24287	0.334	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Jacobs Creek	69914981	Aquatic Life	6832	24287	0.577	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT	WQS New Data
Unnamed Tributary to Kyle Run	102670107	Aquatic Life	7733	24406	0.017	Jefferson	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Kyle Run	102670115	Aquatic Life	7733	24406	0.405	Jefferson	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915173	Special Protection	9337	23878	0.006	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915177	Special Protection	9337	23878	0.098	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915179	Special Protection	9337	23878	0.120	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915193	Special Protection	9337	23878	0.011	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915195	Special Protection	9337	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915197	Special Protection	9337	23878	0.231	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915221	Special Protection	9337	23878	0.075	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915245	Special Protection	9337	23878	0.121	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915247	Special Protection	9337	23878	0.047	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915249	Special Protection	9337	23878	0.030	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Laurel Hill Creek	69915251	Special Protection	9337	23878	0.060	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915293	Special Protection	9337	23878	0.136	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915299	Special Protection	9337	23878	0.226	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915741	Special Protection	9337	23878	0.620	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915771	Special Protection	9337	23878	0.607	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915803	Special Protection	9337	23878	0.520	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915935	Special Protection	9337	23878	1.067	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916071	Special Protection	9337	23878	0.816	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916089	Special Protection	9337	23878	0.544	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916189	Special Protection	9337	23878	0.630	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916191	Special Protection	9337	23878	0.176	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916193	Special Protection	9337	23878	0.024	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916197	Special Protection	9337	23878	0.048	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916199	Special Protection	9337	23878	0.014	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916203	Special Protection	9337	23878	0.017	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916209	Special Protection	9337	23878	0.057	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916211	Special Protection	9337	23878	0.005	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916213	Special Protection	9337	23878	0.127	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916227	Special Protection	9337	23878	0.029	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916269	Special Protection	9337	23878	0.493	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916307	Special Protection	9337	23878	0.365	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916309	Special Protection	9337	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916317	Special Protection	9337	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Laurel Hill Creek	69916349	Special Protection	9337	23878	0.091	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916351	Special Protection	9337	23878	0.176	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916479	Special Protection	9337	23878	0.389	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916551	Special Protection	9337	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916575	Special Protection	9337	23878	0.402	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69916723	Special Protection	9337	23878	0.453	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915153	Special Protection	9332	23878	0.007	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915157	Special Protection	9332	23878	0.399	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915161	Special Protection	9332	23878	0.111	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915341	Special Protection	9332	23878	0.017	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915355	Special Protection	9332	23878	0.167	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915357	Special Protection	9332	23878	0.016	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915365	Special Protection	9332	23878	0.043	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915371	Special Protection	9332	23878	0.005	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915377	Special Protection	9332	23878	0.050	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915383	Special Protection	9332	23878	0.008	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915385	Special Protection	9332	23878	0.058	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915399	Special Protection	9332	23878	0.196	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915401	Special Protection	9332	23878	0.007	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915417	Special Protection	9332	23878	0.185	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915437	Special Protection	9332	23878	0.757	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915439	Special Protection	9332	23878	0.005	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915441	Special Protection	9332	23878	0.135	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Laurel Hill Creek	69915461	Special Protection	9332	23878	0.416	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915469	Special Protection	9332	23878	0.315	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915517	Special Protection	9332	23878	0.286	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915523	Special Protection	9332	23878	0.312	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69915777	Special Protection	9332	23878	0.676	Somerset	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914627	Special Protection	9317	23879	0.019	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914737	Special Protection	9317	23879	0.727	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914813	Special Protection	9317	23879	0.455	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914819	Special Protection	9317	23879	0.053	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914899	Special Protection	9317	23879	0.555	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Laurel Hill Creek	69914907	Special Protection	9317	23879	0.577	Somerset	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669839	Aquatic Life	7733	24401	0.652	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669851	Aquatic Life	7733	24401	0.053	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669893	Aquatic Life	7733	24401	0.587	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669905	Aquatic Life	7733	24401	0.056	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669927	Aquatic Life	7733	24401	0.546	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669929	Aquatic Life	7733	24401	0.327	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669931	Aquatic Life	7733	24401	0.086	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Mill Creek	102669935	Aquatic Life	7733	24401	0.340	Clarion	PH, LOW	METALS	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473812	Fish Consumption	22638	24197	0.355	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473814	Fish Consumption	22638	24197	0.293	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473816	Fish Consumption	22638	24197	0.408	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473818	Fish Consumption	22638	24197	0.081	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25473820	Fish Consumption	22638	24197	0.325	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473822	Fish Consumption	22638	24197	1.022	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473824	Fish Consumption	22638	24197	0.940	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473826	Fish Consumption	22638	24197	0.450	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473828	Fish Consumption	22638	24197	0.720	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473830	Fish Consumption	22638	24197	0.380	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473834	Fish Consumption	22638	24197	0.224	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473836	Fish Consumption	22638	24197	0.533	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473838	Fish Consumption	22638	24197	0.276	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473840	Fish Consumption	22638	24197	0.024	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473842	Fish Consumption	22638	24197	0.138	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473844	Fish Consumption	22638	24197	0.017	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473846	Fish Consumption	22638	24197	0.026	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473848	Fish Consumption	22638	24197	0.051	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473850	Fish Consumption	22638	24197	0.299	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473852	Fish Consumption	22638	24197	0.585	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473860	Fish Consumption	22638	24197	0.592	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473880	Fish Consumption	22638	24197	0.012	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473882	Fish Consumption	22638	24197	0.014	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473886	Fish Consumption	22638	24197	0.547	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473888	Fish Consumption	22638	24197	0.574	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473892	Fish Consumption	22638	24197	0.674	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473894	Fish Consumption	22638	24197	0.372	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25473896	Fish Consumption	22638	24197	0.045	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473898	Fish Consumption	22638	24197	0.694	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473904	Fish Consumption	22638	24197	0.789	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473906	Fish Consumption	22638	24197	0.889	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473910	Fish Consumption	22638	24197	0.127	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473912	Fish Consumption	22638	24197	0.035	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473914	Fish Consumption	22638	24197	0.014	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473932	Fish Consumption	22638	24197	1.444	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25473998	Fish Consumption	22638	24197	0.030	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474000	Fish Consumption	22638	24197	0.024	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474002	Fish Consumption	22638	24197	0.032	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474004	Fish Consumption	22638	24197	0.022	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474006	Fish Consumption	22638	24197	0.096	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474008	Fish Consumption	22638	24197	0.024	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474010	Fish Consumption	22638	24197	0.029	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474012	Fish Consumption	22638	24197	0.028	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474014	Fish Consumption	22638	24197	0.116	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474016	Fish Consumption	22638	24197	0.026	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474030	Fish Consumption	22638	24197	0.038	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474034	Fish Consumption	22638	24197	0.025	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474036	Fish Consumption	22638	24197	0.015	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474040	Fish Consumption	22638	24197	0.083	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474046	Fish Consumption	22638	24197	0.039	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25474048	Fish Consumption	22638	24197	0.109	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474056	Fish Consumption	22638	24197	0.031	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25474090	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479226	Fish Consumption	22638	24197	0.147	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479228	Fish Consumption	22638	24197	0.114	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479238	Fish Consumption	22638	24197	0.059	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479244	Fish Consumption	22638	24197	0.128	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479248	Fish Consumption	22638	24197	0.059	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479252	Fish Consumption	22638	24197	0.065	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479256	Fish Consumption	22638	24197	0.243	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479258	Fish Consumption	22638	24197	0.292	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479260	Fish Consumption	22638	24197	0.306	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479262	Fish Consumption	22638	24197	0.030	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479496	Fish Consumption	22638	24197	0.057	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479498	Fish Consumption	22638	24197	0.037	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479664	Fish Consumption	22638	24197	0.587	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479674	Fish Consumption	22638	24197	0.169	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479676	Fish Consumption	22638	24197	1.491	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479682	Fish Consumption	22638	24197	0.789	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479686	Fish Consumption	22638	24197	0.258	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479688	Fish Consumption	22638	24197	0.043	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479692	Fish Consumption	22638	24197	0.163	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479694	Fish Consumption	22638	24197	0.692	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25479696	Fish Consumption	22638	24197	0.557	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479698	Fish Consumption	22638	24197	1.048	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479700	Fish Consumption	22638	24197	0.217	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479702	Fish Consumption	22638	24197	0.464	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479704	Fish Consumption	22638	24197	0.692	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479708	Fish Consumption	22638	24197	0.130	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479710	Fish Consumption	22638	24197	0.094	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479712	Fish Consumption	22638	24197	1.128	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479714	Fish Consumption	22638	24197	1.153	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479716	Fish Consumption	22638	24197	1.221	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479718	Fish Consumption	22638	24197	0.081	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479720	Fish Consumption	22638	24197	0.309	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479722	Fish Consumption	22638	24197	0.099	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479724	Fish Consumption	22638	24197	0.328	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479728	Fish Consumption	22638	24197	0.360	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479730	Fish Consumption	22638	24197	0.399	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479732	Fish Consumption	22638	24197	0.303	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479734	Fish Consumption	22638	24197	0.514	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479738	Fish Consumption	22638	24197	0.813	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479740	Fish Consumption	22638	24197	0.213	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479742	Fish Consumption	22638	24197	0.149	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479744	Fish Consumption	22638	24197	0.112	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479746	Fish Consumption	22638	24197	0.223	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25479748	Fish Consumption	22638	24197	0.498	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479750	Fish Consumption	22638	24197	0.565	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479752	Fish Consumption	22638	24197	0.367	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479754	Fish Consumption	22638	24197	0.483	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479756	Fish Consumption	22638	24197	0.470	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479758	Fish Consumption	22638	24197	0.598	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479760	Fish Consumption	22638	24197	0.317	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479768	Fish Consumption	22638	24197	0.180	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479770	Fish Consumption	22638	24197	0.204	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479774	Fish Consumption	22638	24197	0.188	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479778	Fish Consumption	22638	24197	0.461	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479780	Fish Consumption	22638	24197	0.101	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479854	Fish Consumption	22638	24197	0.005	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479856	Fish Consumption	22638	24197	0.005	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479864	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479868	Fish Consumption	22638	24197	0.042	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479876	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479880	Fish Consumption	22638	24197	0.009	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479884	Fish Consumption	22638	24197	0.025	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479886	Fish Consumption	22638	24197	0.032	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479888	Fish Consumption	22638	24197	0.066	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479890	Fish Consumption	22638	24197	0.037	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479892	Fish Consumption	22638	24197	0.027	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Neshaminy Creek	25479894	Fish Consumption	22638	24197	0.021	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479896	Fish Consumption	22638	24197	0.053	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479898	Fish Consumption	22638	24197	0.037	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479900	Fish Consumption	22638	24197	0.022	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479902	Fish Consumption	22638	24197	0.032	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479940	Fish Consumption	22638	24197	0.007	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25479968	Fish Consumption	22638	24197	0.019	Bucks	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Neshaminy Creek	25486774	Fish Consumption	22638	24197	0.037	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Little Plum Creek	123970655	Aquatic Life	10591	23668	0.092	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123970656	Aquatic Life	10591	23668	0.140	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123970672	Aquatic Life	10591	23668	0.377	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123970673	Aquatic Life	10596	23668	0.081	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123970677	Aquatic Life	10591	23668	0.108	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123970694	Aquatic Life	10591	23668	0.300	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123972497	Aquatic Life	10596	23668	0.149	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123972498	Aquatic Life	10596	23668	0.354	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123972627	Aquatic Life	10591	23668	0.423	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123972628	Aquatic Life	10591	23668	0.093	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123972829	Aquatic Life	10591	23668	0.039	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS	WQS New Data
Unnamed Tributary to Little Plum Creek	123973070	Aquatic Life	10596	23668	0.193	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973071	Aquatic Life	10596	23668	0.142	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973078	Aquatic Life	10596	23668	0.290	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973079	Aquatic Life	10596	23668	0.043	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Plum Creek	123973088	Aquatic Life	10596	23668	0.598	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973094	Aquatic Life	10596	23668	0.483	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973095	Aquatic Life	10596	23668	0.603	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973096	Aquatic Life	10596	23668	0.414	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Little Plum Creek	123973102	Aquatic Life	10596	23668	0.620	Allegheny	HABITAT ALTERATIONS; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to McGee Run	123718000	Aquatic Life	12684	24234	1.480	Westmoreland	HABITAT ALTERATIONS; STREAM MODIFICATION	ALGAE; SILTATION	WQS New Data
Unnamed Tributary to McGee Run	123728276	Aquatic Life	12684	24234	0.254	Westmoreland	HABITAT ALTERATIONS; STREAM MODIFICATION	ALGAE; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999096	Aquatic Life	5391	23927	0.476	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999112	Aquatic Life	5391	23927	0.577	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999124	Aquatic Life	5391	23927	0.300	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999128	Aquatic Life	5391	23927	0.349	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999130	Aquatic Life	5391	23927	0.393	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999138	Aquatic Life	5391	23927	0.134	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999148	Aquatic Life	5391	23927	0.397	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999150	Aquatic Life	5391	23927	0.009	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999152	Aquatic Life	5391	23927	0.450	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999158	Aquatic Life	5399	23927	0.645	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Mill Creek	25999166	Aquatic Life	5391	23927	0.155	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999174	Aquatic Life	5399	23927	0.688	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999176	Aquatic Life	5399	23927	0.418	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999210	Aquatic Life	5399	23927	0.318	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999220	Aquatic Life	5399	23927	0.440	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999222	Aquatic Life	5399	23927	0.364	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999236	Aquatic Life	5399	23927	0.373	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999258	Aquatic Life	5399	23927	0.686	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999496	Aquatic Life	5399	23927	0.567	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999498	Aquatic Life	5399	23927	0.706	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999500	Aquatic Life	5399	23927	0.232	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999502	Aquatic Life	5399	23927	0.244	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999506	Aquatic Life	5391	23927	0.165	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999508	Aquatic Life	5391	23927	0.254	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999800	Aquatic Life	5399	23927	0.021	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Mill Creek	25999802	Aquatic Life	5391	23927	0.032	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999804	Aquatic Life	5399	23927	0.034	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Mill Creek	25999830	Aquatic Life	5391	23927	0.022	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Park Creek	25473922	Fish Consumption	22638	24197	0.544	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473926	Fish Consumption	22638	24197	0.611	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473934	Fish Consumption	22638	24197	0.307	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473936	Fish Consumption	22638	24197	0.057	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473938	Fish Consumption	22638	24197	0.621	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473944	Fish Consumption	22638	24197	0.109	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473948	Fish Consumption	22638	24197	0.076	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473950	Fish Consumption	22638	24197	0.173	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473952	Fish Consumption	22638	24197	0.371	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473954	Fish Consumption	22638	24197	0.019	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473956	Fish Consumption	22638	24197	0.042	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473958	Fish Consumption	22638	24197	0.047	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473960	Fish Consumption	22638	24197	0.022	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473962	Fish Consumption	22638	24197	0.012	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473964	Fish Consumption	22638	24197	0.359	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473966	Fish Consumption	22638	24197	0.260	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473968	Fish Consumption	22638	24197	0.265	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473970	Fish Consumption	22638	24197	0.222	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Park Creek	25473972	Fish Consumption	22638	24197	0.176	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473974	Fish Consumption	22638	24197	0.390	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473976	Fish Consumption	22638	24197	0.268	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473978	Fish Consumption	22638	24197	1.535	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473980	Fish Consumption	22638	24197	0.008	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473982	Fish Consumption	22638	24197	0.280	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473984	Fish Consumption	22638	24197	0.566	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473986	Fish Consumption	22638	24197	0.726	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473988	Fish Consumption	22638	24197	0.308	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473990	Fish Consumption	22638	24197	0.162	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25473992	Fish Consumption	22638	24197	0.326	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474052	Fish Consumption	22638	24197	0.078	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474058	Fish Consumption	22638	24197	0.024	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474060	Fish Consumption	22638	24197	0.042	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474062	Fish Consumption	22638	24197	0.022	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474064	Fish Consumption	22638	24197	0.008	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474066	Fish Consumption	22638	24197	0.026	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474068	Fish Consumption	22638	24197	0.027	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474070	Fish Consumption	22638	24197	0.014	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474072	Fish Consumption	22638	24197	0.104	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474074	Fish Consumption	22638	24197	0.062	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474076	Fish Consumption	22638	24197	0.052	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474078	Fish Consumption	22638	24197	0.016	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Park Creek	25474080	Fish Consumption	22638	24197	0.052	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474084	Fish Consumption	22638	24197	0.020	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474092	Fish Consumption	22638	24197	0.014	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474096	Fish Consumption	22638	24197	0.017	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474098	Fish Consumption	22638	24197	0.120	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Park Creek	25474102	Fish Consumption	22638	24197	0.042	Montgomery	PERFLUOROOCTANE SULFONATE (PFOS)	PERFLUOROOCTANE SULFONATE (PFOS); POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Unnamed Tributary to Pennypack Creek	25599651	Aquatic Life	7775	24439	0.231	Bucks	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; ORGANICS	WQS New Data
Unnamed Tributary to Pennypack Creek	25599653	Aquatic Life	7775	24439	0.790	Bucks	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; ORGANICS	WQS New Data
Unnamed Tributary to Pennypack Creek	25599655	Aquatic Life	7775	24439	0.918	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	METALS; ORGANICS	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999136	Aquatic Life	5408	23924	0.396	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999140	Aquatic Life	5408	23924	0.425	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999172	Aquatic Life	5408	23924	0.364	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999202	Aquatic Life	13866	23924	0.291	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999204	Aquatic Life	13866	23924	0.753	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999218	Aquatic Life	13866	23924	0.352	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999490	Aquatic Life	5408	23924	0.266	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999792	Aquatic Life	13866	23924	0.052	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999796	Aquatic Life	5408	23924	0.029	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25992414	Aquatic Life	13865	23925	0.263	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999226	Aquatic Life	13865	23925	0.430	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999228	Aquatic Life	13865	23925	0.291	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pleasant Spring Creek	25999232	Aquatic Life	13865	23925	0.122	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999244	Aquatic Life	13865	23925	0.345	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999254	Aquatic Life	13865	23925	0.213	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999266	Aquatic Life	13865	23925	0.375	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999272	Aquatic Life	13865	23925	0.086	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999274	Aquatic Life	13865	23925	0.119	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999276	Aquatic Life	13865	23925	0.173	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999278	Aquatic Life	13865	23925	0.022	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999280	Aquatic Life	13865	23925	0.286	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999282	Aquatic Life	13865	23925	0.011	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999288	Aquatic Life	13865	23925	0.214	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999292	Aquatic Life	13865	23925	0.126	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999294	Aquatic Life	13865	23925	0.284	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999298	Aquatic Life	13865	23925	0.250	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999302	Aquatic Life	13865	23925	0.348	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999312	Aquatic Life	13865	23925	0.268	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999314	Aquatic Life	13865	23925	0.020	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999316	Aquatic Life	13865	23925	0.283	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999320	Aquatic Life	13865	23925	0.168	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999324	Aquatic Life	13865	23925	0.193	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999332	Aquatic Life	13865	23925	0.123	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999334	Aquatic Life	13865	23925	0.050	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999338	Aquatic Life	13865	23925	0.446	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pleasant Spring Creek	25999340	Aquatic Life	5408	23925	0.343	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999344	Aquatic Life	13865	23925	0.318	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999352	Aquatic Life	13865	23925	0.070	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999358	Aquatic Life	13865	23925	0.277	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999364	Aquatic Life	13865	23925	0.149	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999366	Aquatic Life	13865	23925	0.104	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999384	Aquatic Life	13865	23925	0.375	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999386	Aquatic Life	13865	23925	0.262	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999396	Aquatic Life	13865	23925	0.021	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999398	Aquatic Life	13865	23925	0.281	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999408	Aquatic Life	13865	23925	0.134	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999410	Aquatic Life	13865	23925	0.464	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999466	Aquatic Life	13865	23925	0.326	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999478	Aquatic Life	13865	23925	0.052	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999480	Aquatic Life	13865	23925	0.300	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999482	Aquatic Life	13865	23925	0.067	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999484	Aquatic Life	13865	23925	0.020	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999486	Aquatic Life	13865	23925	0.117	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999488	Aquatic Life	13865	23925	0.004	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999492	Aquatic Life	13865	23925	0.260	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999494	Aquatic Life	13865	23925	0.391	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999760	Aquatic Life	13865	23925	0.042	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999762	Aquatic Life	13865	23925	0.084	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pleasant Spring Creek	25999764	Aquatic Life	13865	23925	0.043	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999766	Aquatic Life	13865	23925	0.027	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999768	Aquatic Life	13865	23925	0.021	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999770	Aquatic Life	13865	23925	0.026	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999772	Aquatic Life	13865	23925	0.126	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999774	Aquatic Life	13865	23925	0.034	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999776	Aquatic Life	13865	23925	0.019	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999778	Aquatic Life	13865	23925	0.052	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999780	Aquatic Life	13865	23925	0.042	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999782	Aquatic Life	13865	23925	0.034	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999784	Aquatic Life	13865	23925	0.065	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999786	Aquatic Life	13865	23925	0.028	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999788	Aquatic Life	13865	23925	0.034	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999790	Aquatic Life	13865	23925	0.022	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Pleasant Spring Creek	25999798	Aquatic Life	13865	23925	0.024	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH	FLOW REGIME MODIFICATION; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970699	Aquatic Life	10886	23667	0.182	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Plum Creek	123970703	Aquatic Life	10655	23667	0.974	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970705	Aquatic Life	10886	23667	0.331	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Plum Creek	123970708	Aquatic Life	10655	23667	0.023	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970710	Aquatic Life	10655	23667	0.600	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970712	Aquatic Life	10655	23667	0.569	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970715	Aquatic Life	10886	23667	0.899	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS	WQS New Data
Unnamed Tributary to Plum Creek	123970719	Aquatic Life	10655	23667	0.042	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970722	Aquatic Life	10655	23667	0.596	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970733	Aquatic Life	10655	23667	0.426	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123973105	Aquatic Life	10655	23667	0.337	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123973108	Aquatic Life	10655	23667	0.071	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS New Data
Unnamed Tributary to Plum Creek	123970682	Aquatic Life	10852	23669	0.664	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; OIL AND GREASE	WQS New Data
Unnamed Tributary to Plum Creek	123972624	Aquatic Life	10852	23669	0.685	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; OIL AND GREASE	WQS New Data
Unnamed Tributary to Plum Creek	123972640	Aquatic Life	10852	23669	0.770	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; OIL AND GREASE	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Plum Creek	123972642	Aquatic Life	10852	23669	0.405	Allegheny	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; OIL AND GREASE	WQS New Data
Unnamed Tributary to Plum Creek	123970674	Aquatic Life	10657	23671	1.156	Allegheny	HABITAT ALTERATIONS; SILTATION	HABITAT ALTERATIONS; NUTRIENTS	WQS New Data
Unnamed Tributary to Plum Creek	123970675	Aquatic Life	10657	23671	0.554	Allegheny	HABITAT ALTERATIONS; SILTATION	HABITAT ALTERATIONS; NUTRIENTS	WQS New Data
Unnamed Tributary to Plum Creek	123970698	Aquatic Life	10657	23671	0.616	Allegheny	HABITAT ALTERATIONS; SILTATION	HABITAT ALTERATIONS; NUTRIENTS	WQS New Data
Unnamed Tributary to Rock Run	61115565	Special Protection	10518	24388	0.664	Clinton	PH, LOW	METALS; PH; SILTATION	WQS New Data
Unnamed Tributary to Shupe Run	69914379	Aquatic Life	6798	24278	0.795	Westmoreland	HABITAT ALTERATIONS; SILTATION	METALS; SILTATION	WQS New Data
Unnamed Tributary to Southampton Creek	25599659	Aquatic Life	13061	24445	0.703	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599671	Aquatic Life	13061	24445	0.559	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599673	Aquatic Life	13061	24445	0.345	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599677	Aquatic Life	13061	24445	0.068	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599679	Aquatic Life	13061	24445	0.028	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599681	Aquatic Life	13061	24445	0.295	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599693	Aquatic Life	13061	24445	1.066	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599703	Aquatic Life	13061	24445	0.846	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599799	Aquatic Life	13061	24445	0.021	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599801	Aquatic Life	13061	24445	0.023	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599803	Aquatic Life	13061	24445	0.060	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25625960	Aquatic Life	13061	24445	0.400	Bucks	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	WQS New Data
Unnamed Tributary to Southampton Creek	25599695	Aquatic Life	13060	24446	0.711	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS;	DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; ORGANIC ENRICHMENT	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
							NUTRIENTS; ORGANIC ENRICHMENT; SILTATION		
Unnamed Tributary to Stauffer Run	69914445	Aquatic Life	6851	24296	0.487	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Stauffer Run	69914717	Aquatic Life	6851	24296	1.151	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	WQS New Data
Unnamed Tributary to Stauffer Run	69915105	Aquatic Life	6845	24296	0.461	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH; SILTATION	WQS New Data
Unnamed Tributary to Stauffer Run	134770181	Aquatic Life	6845	24296	0.199	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH; SILTATION	WQS New Data
Unnamed Tributary to Sugarcamp Run	123860945	Aquatic Life	1756	24484	0.429	Clearfield	SILTATION	METALS	WQS New Data
Unnamed Tributary to Warrior Run	66917671	Aquatic Life	22949	23835	0.258	Northumberland	SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Warrior Run	66917699	Aquatic Life	22949	23835	0.457	Northumberland	SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Warrior Run	66917757	Aquatic Life	22949	23835	0.712	Northumberland	SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS New Data
Unnamed Tributary to Wissahickon Creek	25974912	Aquatic Life	8778	23544	0.733	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Restoration Activities
Unnamed Tributary to Wissahickon Creek	25974998	Aquatic Life	8778	23544	0.006	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Restoration Activities
Welch Run	123855775	Aquatic Life	1304	24360	1.201	Jefferson	IRON; SILTATION	METALS; PH	WQS New Data
West Branch Susquehanna River	61116141	Fish Consumption	5834	24230	0.321	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116167	Fish Consumption	5834	24230	0.281	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116175	Fish Consumption	5834	24230	0.296	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116179	Fish Consumption	5834	24230	1.971	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116209	Fish Consumption	5834	24230	0.593	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116259	Fish Consumption	5834	24230	0.397	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116265	Fish Consumption	5834	24230	0.730	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116277	Fish Consumption	5834	24230	1.210	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116435	Fish Consumption	5834	24230	1.296	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116475	Fish Consumption	5834	24230	0.232	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116527	Fish Consumption	5834	24230	0.202	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	61116675	Fish Consumption	5834	24230	1.453	Clinton	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914723	Fish Consumption	11460	24230	0.378	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914727	Fish Consumption	11460	24230	0.023	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914739	Fish Consumption	11460	24230	0.048	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914749	Fish Consumption	11460	24230	0.019	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914753	Fish Consumption	11460	24230	0.454	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914755	Fish Consumption	11460	24230	0.162	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914757	Fish Consumption	11460	24230	0.015	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914759	Fish Consumption	11460	24230	0.078	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914763	Fish Consumption	11460	24230	0.300	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914783	Fish Consumption	11460	24230	0.062	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914835	Fish Consumption	11460	24230	0.190	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914913	Fish Consumption	3121	24230	0.470	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
West Branch Susquehanna River	66914915	Fish Consumption	11460	24230	0.005	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914919	Fish Consumption	11460	24230	0.126	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914921	Fish Consumption	11460	24230	0.444	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914925	Fish Consumption	11460	24230	0.373	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914965	Fish Consumption	3121	24230	0.060	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914971	Fish Consumption	11460	24230	0.236	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914975	Fish Consumption	11460	24230	0.029	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914977	Fish Consumption	11460	24230	0.495	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914979	Fish Consumption	3121	24230	0.264	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66914991	Fish Consumption	3121	24230	0.062	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915001	Fish Consumption	11460	24230	0.026	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915003	Fish Consumption	11460	24230	0.026	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915007	Fish Consumption	11460	24230	0.323	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915013	Fish Consumption	11460	24230	0.521	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915015	Fish Consumption	11460	24230	0.093	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915017	Fish Consumption	11460	24230	0.113	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915019	Fish Consumption	11460	24230	0.153	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915027	Fish Consumption	11460	24230	0.120	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915033	Fish Consumption	11460	24230	0.099	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915035	Fish Consumption	11460	24230	0.086	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915041	Fish Consumption	11460	24230	0.632	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915049	Fish Consumption	11460	24230	0.142	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915051	Fish Consumption	11460	24230	0.104	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915069	Fish Consumption	11460	24230	0.121	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915071	Fish Consumption	11460	24230	0.163	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915115	Fish Consumption	11460	24230	0.097	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915129	Fish Consumption	11460	24230	0.774	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915131	Fish Consumption	11460	24230	0.405	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915143	Fish Consumption	11460	24230	0.837	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915147	Fish Consumption	11460	24230	0.148	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915149	Fish Consumption	11460	24230	0.447	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915165	Fish Consumption	11460	24230	0.322	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915191	Fish Consumption	11460	24230	0.456	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915217	Fish Consumption	11460	24230	0.380	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915249	Fish Consumption	11460	24230	0.121	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915251	Fish Consumption	11460	24230	0.283	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915281	Fish Consumption	11460	24230	0.201	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915305	Fish Consumption	11460	24230	1.432	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915317	Fish Consumption	11460	24230	1.155	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915319	Fish Consumption	11460	24230	0.068	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915327	Fish Consumption	11460	24230	0.275	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915335	Fish Consumption	11460	24230	0.629	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915337	Fish Consumption	11460	24230	0.349	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
West Branch Susquehanna River	66915339	Fish Consumption	11460	24230	1.326	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915357	Fish Consumption	11460	24230	0.331	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915361	Fish Consumption	11460	24230	1.033	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915469	Fish Consumption	11460	24230	0.311	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915473	Fish Consumption	11460	24230	1.407	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915515	Fish Consumption	11460	24230	0.126	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915587	Fish Consumption	11460	24230	0.236	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915653	Fish Consumption	11460	24230	0.293	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915845	Fish Consumption	11460	24230	2.232	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915881	Fish Consumption	11460	24230	0.147	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915885	Fish Consumption	11460	24230	0.685	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66915923	Fish Consumption	11460	24230	0.154	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916035	Fish Consumption	11460	24230	0.830	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916045	Fish Consumption	11460	24230	0.470	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916073	Fish Consumption	11460	24230	0.286	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916123	Fish Consumption	11460	24230	0.280	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916135	Fish Consumption	11460	24230	0.537	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916155	Fish Consumption	11460	24230	0.401	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916165	Fish Consumption	11460	24230	0.766	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916167	Fish Consumption	11460	24230	0.271	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916179	Fish Consumption	11460	24230	0.344	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916187	Fish Consumption	11460	24230	0.935	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916197	Fish Consumption	11460	24230	0.544	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916201	Fish Consumption	11460	24230	0.286	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916231	Fish Consumption	11460	24230	0.327	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916313	Fish Consumption	11460	24230	0.367	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916399	Fish Consumption	11460	24230	0.716	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916465	Fish Consumption	11460	24230	0.502	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916469	Fish Consumption	11460	24230	0.025	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916489	Fish Consumption	11460	24230	1.384	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916597	Fish Consumption	11460	24230	0.458	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916615	Fish Consumption	11460	24230	0.344	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916617	Fish Consumption	11460	24230	0.162	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916641	Fish Consumption	11460	24230	0.133	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916687	Fish Consumption	11460	24230	0.600	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916761	Fish Consumption	11460	24230	0.495	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916767	Fish Consumption	11460	24230	0.558	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916777	Fish Consumption	11460	24230	0.490	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916829	Fish Consumption	11460	24230	0.348	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916855	Fish Consumption	11460	24230	0.184	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916917	Fish Consumption	11460	24230	0.956	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916949	Fish Consumption	11460	24230	0.170	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916955	Fish Consumption	11460	24230	0.992	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
West Branch Susquehanna River	66916991	Fish Consumption	11460	24230	0.672	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66916993	Fish Consumption	11460	24230	0.654	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917015	Fish Consumption	11460	24230	0.237	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917079	Fish Consumption	11460	24230	0.439	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917135	Fish Consumption	11460	24230	0.581	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917147	Fish Consumption	11460	24230	1.857	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917281	Fish Consumption	11460	24230	1.404	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917283	Fish Consumption	11460	24230	1.030	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917291	Fish Consumption	11460	24230	0.636	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917319	Fish Consumption	11460	24230	0.103	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917365	Fish Consumption	11460	24230	0.094	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917409	Fish Consumption	11460	24230	0.367	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917591	Fish Consumption	11460	24230	0.889	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917593	Fish Consumption	11460	24230	0.644	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917633	Fish Consumption	11460	24230	0.199	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917785	Fish Consumption	11460	24230	1.819	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917797	Fish Consumption	11460	24230	0.168	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917813	Fish Consumption	11460	24230	0.971	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66917987	Fish Consumption	11460	24230	0.536	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918097	Fish Consumption	11460	24230	0.372	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918289	Fish Consumption	11460	24230	0.581	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918323	Fish Consumption	11460	24230	0.117	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918353	Fish Consumption	11460	24230	0.112	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918383	Fish Consumption	11460	24230	0.249	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918407	Fish Consumption	11460	24230	0.185	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918489	Fish Consumption	11460	24230	0.633	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918499	Fish Consumption	11460	24230	0.087	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918543	Fish Consumption	11460	24230	0.270	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918637	Fish Consumption	11460	24230	0.354	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66918973	Fish Consumption	11460	24230	1.163	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919015	Fish Consumption	11460	24230	0.271	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919067	Fish Consumption	11460	24230	0.137	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919203	Fish Consumption	3121	24230	0.496	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919383	Fish Consumption	3121	24230	0.577	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919433	Fish Consumption	3121	24230	0.187	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919501	Fish Consumption	3121	24230	0.306	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919615	Fish Consumption	3121	24230	0.631	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919639	Fish Consumption	3121	24230	0.787	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919645	Fish Consumption	3121	24230	0.154	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919759	Fish Consumption	3121	24230	0.640	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919761	Fish Consumption	3121	24230	0.540	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66919807	Fish Consumption	3121	24230	0.150	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920015	Fish Consumption	3121	24230	1.059	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
West Branch Susquehanna River	66920045	Fish Consumption	3121	24230	0.267	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920359	Fish Consumption	3121	24230	1.709	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920377	Fish Consumption	3121	24230	0.068	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920535	Fish Consumption	3121	24230	0.697	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920617	Fish Consumption	3121	24230	0.300	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920683	Fish Consumption	3121	24230	0.523	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920733	Fish Consumption	3121	24230	0.324	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920837	Fish Consumption	3121	24230	0.676	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920887	Fish Consumption	3121	24230	0.344	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920903	Fish Consumption	3121	24230	0.106	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920965	Fish Consumption	3121	24230	0.593	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66920967	Fish Consumption	3121	24230	0.476	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921001	Fish Consumption	3121	24230	0.175	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921029	Fish Consumption	3121	24230	0.196	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921067	Fish Consumption	3121	24230	0.291	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921085	Fish Consumption	3121	24230	0.427	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921099	Fish Consumption	3121	24230	0.284	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921181	Fish Consumption	3121	24230	0.753	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921191	Fish Consumption	3121	24230	0.512	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921193	Fish Consumption	3121	24230	0.306	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921203	Fish Consumption	3121	24230	0.070	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921307	Fish Consumption	3121	24230	0.997	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921317	Fish Consumption	3121	24230	0.375	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921327	Fish Consumption	3121	24230	0.382	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921377	Fish Consumption	3121	24230	0.546	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	66921557	Fish Consumption	3121	24230	0.195	Northumberland	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	133258049	Fish Consumption	11460	24230	0.715	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
West Branch Susquehanna River	133258052	Fish Consumption	11460	24230	0.170	Lycoming	MERCURY	POLYCHLORINATED BIPHENYLS (PCBS)	WQS New Data
Wissahickon Creek	25979076	Aquatic Life	8814	23522	0.365	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	WQS Restoration Activities
Wissahickon Creek	25979102	Aquatic Life	8814	23522	0.342	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	WQS Restoration Activities
Wissahickon Creek	25979130	Aquatic Life	8814	23522	0.631	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	WQS Restoration Activities

Table 6. Waterbodies where causes were removed due to assessment corrections.

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Bushkill Creek	26036958	Fish Consumption	22646	24183	0.157	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037078	Fish Consumption	22646	24183	0.075	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037094	Fish Consumption	22646	24183	0.021	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037096	Fish Consumption	22646	24183	0.071	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037098	Fish Consumption	22646	24183	0.232	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037100	Fish Consumption	22646	24183	0.221	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037102	Fish Consumption	22646	24183	0.237	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037104	Fish Consumption	22646	24183	0.478	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037106	Fish Consumption	22646	24183	0.122	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037108	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037110	Fish Consumption	22646	24183	0.317	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037114	Fish Consumption	22646	24183	0.203	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037116	Fish Consumption	22646	24183	0.206	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037118	Fish Consumption	22646	24183	0.209	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037120	Fish Consumption	22646	24183	0.174	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037122	Fish Consumption	22646	24183	0.178	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037124	Fish Consumption	22646	24183	0.193	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037126	Fish Consumption	22646	24183	0.074	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037128	Fish Consumption	22646	24183	0.165	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037130	Fish Consumption	22646	24183	0.182	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037132	Fish Consumption	22646	24183	0.127	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037134	Fish Consumption	22646	24183	0.124	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037136	Fish Consumption	22646	24183	0.159	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037138	Fish Consumption	22646	24183	0.159	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037140	Fish Consumption	22646	24183	0.158	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037142	Fish Consumption	22646	24183	0.130	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037144	Fish Consumption	22646	24183	0.113	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037146	Fish Consumption	22646	24183	0.104	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037148	Fish Consumption	22646	24183	0.097	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037150	Fish Consumption	22646	24183	0.152	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037152	Fish Consumption	22646	24183	0.160	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Bushkill Creek	26037154	Fish Consumption	22646	24183	0.149	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037156	Fish Consumption	22646	24183	0.143	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037158	Fish Consumption	22646	24183	0.153	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037160	Fish Consumption	22646	24183	0.151	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037162	Fish Consumption	22646	24183	0.151	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037164	Fish Consumption	22646	24183	0.096	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037166	Fish Consumption	22646	24183	0.099	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037168	Fish Consumption	22646	24183	0.091	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037170	Fish Consumption	22646	24183	0.118	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037172	Fish Consumption	22646	24183	0.104	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037174	Fish Consumption	22646	24183	0.201	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037176	Fish Consumption	22646	24183	0.167	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037178	Fish Consumption	22646	24183	0.139	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037180	Fish Consumption	22646	24183	0.134	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26037182	Fish Consumption	22646	24183	0.085	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046392	Fish Consumption	22646	24183	0.078	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046410	Fish Consumption	22646	24183	0.094	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046412	Fish Consumption	22646	24183	0.350	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046414	Fish Consumption	22646	24183	0.521	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046416	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046424	Fish Consumption	22646	24183	0.095	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046458	Fish Consumption	22646	24183	0.016	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046462	Fish Consumption	22646	24183	0.331	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046464	Fish Consumption	22646	24183	0.120	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046466	Fish Consumption	22646	24183	0.196	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046468	Fish Consumption	22646	24183	0.101	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26046470	Fish Consumption	22646	24183	0.593	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066438	Fish Consumption	22646	24183	0.447	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066456	Fish Consumption	22646	24183	0.797	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066462	Fish Consumption	22646	24183	0.548	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066468	Fish Consumption	22646	24183	0.230	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066476	Fish Consumption	22646	24183	0.113	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Bushkill Creek	26066478	Fish Consumption	22646	24183	0.007	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066488	Fish Consumption	22646	24183	0.812	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066504	Fish Consumption	22646	24183	0.416	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066612	Fish Consumption	22646	24183	0.286	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066634	Fish Consumption	22646	24183	0.028	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066682	Fish Consumption	22646	24183	0.010	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066684	Fish Consumption	22646	24183	0.163	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066688	Fish Consumption	22646	24183	0.182	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066690	Fish Consumption	22646	24183	0.192	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066692	Fish Consumption	22646	24183	0.214	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066694	Fish Consumption	22646	24183	0.152	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066696	Fish Consumption	22646	24183	0.213	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066698	Fish Consumption	22646	24183	0.201	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066700	Fish Consumption	22646	24183	0.136	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066702	Fish Consumption	22646	24183	0.157	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066704	Fish Consumption	22646	24183	0.213	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066708	Fish Consumption	22646	24183	0.148	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066710	Fish Consumption	22646	24183	0.890	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066714	Fish Consumption	22646	24183	0.638	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066720	Fish Consumption	22646	24183	0.679	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066724	Fish Consumption	22646	24183	0.640	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066726	Fish Consumption	22646	24183	0.502	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066730	Fish Consumption	22646	24183	0.365	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066734	Fish Consumption	22646	24183	0.156	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066736	Fish Consumption	22646	24183	1.437	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	26066740	Fish Consumption	22646	24183	0.838	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	132737475	Fish Consumption	22646	24183	0.836	Northampton		MERCURY	WQS Listing Incorrect
Bushkill Creek	132737477	Fish Consumption	22646	24183	0.085	Northampton		MERCURY	WQS Listing Incorrect
Green Lick Run	69914829	Aquatic Life	6815	24280	0.378	Westmoreland	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS Listing Incorrect
Indian Creek	25999116	Aquatic Life	7958	23945	0.041	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION;	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
							HABITAT ALTERATIONS; SILTATION		
Little Bushkill Creek	26046390	Fish Consumption	22646	24183	0.163	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26046460	Fish Consumption	22646	24183	0.040	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066422	Fish Consumption	22646	24183	1.079	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066432	Fish Consumption	22646	24183	1.365	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066440	Fish Consumption	22646	24183	0.326	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066452	Fish Consumption	22646	24183	0.485	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066472	Fish Consumption	22646	24183	0.701	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066498	Fish Consumption	22646	24183	1.196	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066524	Fish Consumption	22646	24183	0.388	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066538	Fish Consumption	22646	24183	0.764	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066542	Fish Consumption	22646	24183	0.073	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066574	Fish Consumption	22646	24183	0.129	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066576	Fish Consumption	22646	24183	1.621	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066580	Fish Consumption	22646	24183	0.109	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066584	Fish Consumption	22646	24183	0.025	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066588	Fish Consumption	22646	24183	0.153	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066590	Fish Consumption	22646	24183	0.349	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066608	Fish Consumption	22646	24183	0.395	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066672	Fish Consumption	22646	24183	0.028	Northampton		MERCURY	WQS Listing Incorrect
Little Bushkill Creek	26066674	Fish Consumption	22646	24183	0.041	Northampton		MERCURY	WQS Listing Incorrect
Little Nescopeck Creek	65639357	Aquatic Life	9668	23999	0.372	Luzerne	ALUMINUM; IRON; PH; ZINC	METALS; PH; SULFATE	Delisting Orig Incorrect
Pennypack Creek	25599205	Aquatic Life	7951	24444	2.341	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ORGANIC ENRICHMENT; ORGANICS	WQS Listing Incorrect
Pennypack Creek	25599209	Aquatic Life	7951	24444	0.355	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ORGANIC ENRICHMENT; ORGANICS	WQS Listing Incorrect
Pennypack Creek	25599211	Aquatic Life	7951	24444	0.379	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ORGANIC ENRICHMENT; ORGANICS	WQS Listing Incorrect
Pine Run	25960166	Aquatic Life	8793	23534	0.472	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION;	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Pine Run	25960178	Aquatic Life	8793	23534	1.054	Montgomery	HABITAT ALTERATIONS; SILTATION EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Sandy Run	25960186	Aquatic Life	8789	23536	0.324	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Sandy Run	25960188	Aquatic Life	8789	23536	0.374	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Sandy Run	25960192	Aquatic Life	8789	23536	0.416	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Sandy Run	25960194	Aquatic Life	8790	23536	0.364	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); NUTRIENTS	WQS Listing Incorrect
Shoeneck Creek	26036964	Fish Consumption	22646	24183	0.178	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26037112	Fish Consumption	22646	24183	0.012	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26046346	Fish Consumption	22646	24183	2.572	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26046348	Fish Consumption	22646	24183	0.747	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26046362	Fish Consumption	22646	24183	2.978	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26066606	Fish Consumption	22646	24183	0.194	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26066610	Fish Consumption	22646	24183	0.172	Northampton		MERCURY	WQS Listing Incorrect
Shoeneck Creek	26066678	Fish Consumption	22646	24183	0.028	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26043132	Fish Consumption	22646	24183	0.726	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26043150	Fish Consumption	22646	24183	0.635	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Bushkill Creek	26043348	Fish Consumption	22646	24183	1.211	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26043350	Fish Consumption	22646	24183	0.578	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26046326	Fish Consumption	22646	24183	0.825	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26046472	Fish Consumption	22646	24183	0.012	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066418	Fish Consumption	22646	24183	0.331	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066424	Fish Consumption	22646	24183	0.335	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066426	Fish Consumption	22646	24183	0.243	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066428	Fish Consumption	22646	24183	0.403	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066434	Fish Consumption	22646	24183	0.206	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066444	Fish Consumption	22646	24183	1.351	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066446	Fish Consumption	22646	24183	0.895	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066448	Fish Consumption	22646	24183	0.487	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066450	Fish Consumption	22646	24183	0.577	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066458	Fish Consumption	22646	24183	0.022	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066464	Fish Consumption	22646	24183	0.203	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066466	Fish Consumption	22646	24183	0.370	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066474	Fish Consumption	22646	24183	2.838	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066480	Fish Consumption	22646	24183	0.390	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066482	Fish Consumption	22646	24183	2.139	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066486	Fish Consumption	22646	24183	0.332	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Bushkill Creek	26066490	Fish Consumption	22646	24183	0.415	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066496	Fish Consumption	22646	24183	1.604	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066506	Fish Consumption	22646	24183	0.124	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066508	Fish Consumption	22646	24183	1.214	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066512	Fish Consumption	22646	24183	0.052	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066526	Fish Consumption	22646	24183	0.720	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066528	Fish Consumption	22646	24183	0.309	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066532	Fish Consumption	22646	24183	1.178	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066536	Fish Consumption	22646	24183	0.005	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066546	Fish Consumption	22646	24183	0.371	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066548	Fish Consumption	22646	24183	0.300	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066550	Fish Consumption	22646	24183	0.132	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066552	Fish Consumption	22646	24183	0.009	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066554	Fish Consumption	22646	24183	0.137	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066556	Fish Consumption	22646	24183	0.178	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066558	Fish Consumption	22646	24183	0.119	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066562	Fish Consumption	22646	24183	0.202	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066566	Fish Consumption	22646	24183	0.439	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066568	Fish Consumption	22646	24183	0.465	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066572	Fish Consumption	22646	24183	0.189	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Bushkill Creek	26066586	Fish Consumption	22646	24183	0.328	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066594	Fish Consumption	22646	24183	0.522	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066598	Fish Consumption	22646	24183	0.301	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066626	Fish Consumption	22646	24183	0.024	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066628	Fish Consumption	22646	24183	0.050	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066630	Fish Consumption	22646	24183	0.019	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066632	Fish Consumption	22646	24183	0.024	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066636	Fish Consumption	22646	24183	0.103	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066640	Fish Consumption	22646	24183	0.058	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066646	Fish Consumption	22646	24183	0.024	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066650	Fish Consumption	22646	24183	0.005	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066654	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066658	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066660	Fish Consumption	22646	24183	0.042	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066662	Fish Consumption	22646	24183	0.027	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066664	Fish Consumption	22646	24183	0.044	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066668	Fish Consumption	22646	24183	0.035	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066670	Fish Consumption	22646	24183	0.092	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066686	Fish Consumption	22646	24183	0.025	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066706	Fish Consumption	22646	24183	0.005	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Bushkill Creek	26066716	Fish Consumption	22646	24183	0.007	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066718	Fish Consumption	22646	24183	0.041	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066722	Fish Consumption	22646	24183	0.014	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066728	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066732	Fish Consumption	22646	24183	0.010	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	26066738	Fish Consumption	22646	24183	0.006	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	132737479	Fish Consumption	22646	24183	0.002	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	132737481	Fish Consumption	22646	24183	0.110	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	132737483	Fish Consumption	22646	24183	0.160	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Bushkill Creek	132737485	Fish Consumption	22646	24183	0.059	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Indian Creek	25999522	Aquatic Life	7958	23945	0.446	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	WQS Listing Incorrect
Unnamed Tributary to Indian Creek	25999092	Aquatic Life	3372	23945	0.450	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26029920	Fish Consumption	22646	24183	0.539	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26029934	Fish Consumption	22646	24183	0.148	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26029992	Fish Consumption	22646	24183	0.222	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26030050	Fish Consumption	22646	24183	0.249	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26030062	Fish Consumption	22646	24183	0.174	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26030114	Fish Consumption	22646	24183	0.196	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Bushkill Creek	26030202	Fish Consumption	22646	24183	0.065	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066414	Fish Consumption	22646	24183	0.821	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066416	Fish Consumption	22646	24183	0.460	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066420	Fish Consumption	22646	24183	0.779	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066430	Fish Consumption	22646	24183	1.156	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066436	Fish Consumption	22646	24183	2.470	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066442	Fish Consumption	22646	24183	0.287	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066454	Fish Consumption	22646	24183	0.544	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066460	Fish Consumption	22646	24183	0.401	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066470	Fish Consumption	22646	24183	0.667	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066484	Fish Consumption	22646	24183	0.290	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066492	Fish Consumption	22646	24183	0.208	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066494	Fish Consumption	22646	24183	0.244	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066500	Fish Consumption	22646	24183	0.102	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066502	Fish Consumption	22646	24183	0.166	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066510	Fish Consumption	22646	24183	0.475	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066522	Fish Consumption	22646	24183	0.208	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066530	Fish Consumption	22646	24183	0.065	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066534	Fish Consumption	22646	24183	0.237	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066540	Fish Consumption	22646	24183	0.125	Northampton		MERCURY	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Bushkill Creek	26066544	Fish Consumption	22646	24183	0.327	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066570	Fish Consumption	22646	24183	0.077	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066578	Fish Consumption	22646	24183	0.843	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066620	Fish Consumption	22646	24183	0.058	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066624	Fish Consumption	22646	24183	0.046	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066638	Fish Consumption	22646	24183	0.036	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066642	Fish Consumption	22646	24183	0.052	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066644	Fish Consumption	22646	24183	0.034	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066648	Fish Consumption	22646	24183	0.068	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066656	Fish Consumption	22646	24183	0.032	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066666	Fish Consumption	22646	24183	0.022	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Little Bushkill Creek	26066762	Fish Consumption	22646	24183	0.176	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Pine Run	25960126	Aquatic Life	8793	23534	0.361	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Pine Run	25960136	Aquatic Life	8793	23534	0.031	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Pine Run	25960162	Aquatic Life	8793	23534	0.779	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Pine Run	25960308	Aquatic Life	8793	23534	0.030	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Sandy Run	25974872	Aquatic Life	8790	23536	0.681	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); NUTRIENTS	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046350	Fish Consumption	22646	24183	1.055	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046352	Fish Consumption	22646	24183	0.102	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046354	Fish Consumption	22646	24183	0.063	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046356	Fish Consumption	22646	24183	1.109	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046360	Fish Consumption	22646	24183	0.580	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046420	Fish Consumption	22646	24183	0.110	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Shoeneck Creek	26046422	Fish Consumption	22646	24183	0.098	Northampton		MERCURY	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960090	Aquatic Life	8797	23529	0.579	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960094	Aquatic Life	8797	23529	0.713	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960096	Aquatic Life	8797	23529	0.277	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960098	Aquatic Life	8797	23529	0.554	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960100	Aquatic Life	8797	23529	0.176	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960102	Aquatic Life	8797	23529	0.139	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960104	Aquatic Life	8797	23529	0.864	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25960106	Aquatic Life	8797	23529	0.019	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960108	Aquatic Life	8797	23529	0.430	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960222	Aquatic Life	8797	23529	0.033	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960224	Aquatic Life	8797	23529	0.045	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960226	Aquatic Life	8797	23529	0.034	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960230	Aquatic Life	8797	23529	0.082	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect
Unnamed Tributary to Wissahickon Creek	25960232	Aquatic Life	8797	23529	0.023	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	WQS Listing Incorrect

Table 7. Waterbodies where a cause was changed due to a refinement.

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Aquashicola Creek	26290099	Aquatic Life	1760	24352	0.727	Carbon	CADMIUM; ZINC	METALS	Refinement
Bonnie Brook	126221568	Aquatic Life	12343	24130	0.955	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Bonnie Brook	126221572	Aquatic Life	12343	24130	0.129	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Bonnie Brook	126221578	Aquatic Life	12343	24130	0.431	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Bonnie Brook	126221579	Aquatic Life	12343	24130	0.553	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Bonnie Brook	126221580	Aquatic Life	12343	24130	0.094	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Bonnie Brook	126221582	Aquatic Life	12343	24130	0.218	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Brubaker Run	57464151	Aquatic Life	8514	24333	2.966	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Camp Run	61115749	Special Protection	10521	24391	3.148	Clinton	PH, LOW	METALS; PH	Refinement
Camp Run	61115767	Special Protection	10521	24391	0.774	Clinton	PH, LOW	METALS; PH	Refinement
Conemaugh River	123721860	Aquatic Life	7638	24376	0.678	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721863	Aquatic Life	7638	24376	0.598	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721865	Aquatic Life	10037	24376	0.303	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721868	Aquatic Life	10037	24376	0.337	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721874	Aquatic Life	10037	24376	0.342	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721875	Aquatic Life	10037	24376	0.452	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721890	Aquatic Life	10037	24376	0.509	Westmoreland	IRON; SILTATION	METALS; PH; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Conemaugh River	123721898	Aquatic Life	10036	24376	0.574	Westmoreland	IRON; SILTATION	METALS; PH	Refinement
Conemaugh River	123721902	Aquatic Life	10036	24376	0.238	Indiana	IRON; SILTATION	METALS; PH	Refinement
Conemaugh River	123721918	Aquatic Life	10036	24376	1.411	Westmoreland	IRON; SILTATION	METALS; PH	Refinement
Conemaugh River	123725366	Aquatic Life	7638	24376	0.485	Westmoreland	IRON; SILTATION	METALS; TOTAL SUSPENDED SOLIDS (TSS)	Refinement
Cooks Run	61115727	Special Protection	10518	24390	0.518	Clinton	PH, LOW	METALS; PH; SILTATION	Refinement
Cresheim Creek	25974928	Aquatic Life	8783	23547	1.550	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Cresheim Creek	25974932	Aquatic Life	8783	23547	0.144	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Cresheim Creek	25975012	Aquatic Life	8783	23547	0.009	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Douglass Run	102669943	Aquatic Life	7731	24398	0.009	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Douglass Run	102670069	Aquatic Life	7731	24398	0.508	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Douglass Run	102670279	Aquatic Life	7731	24398	1.117	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Douglass Run	102670321	Aquatic Life	7731	24398	0.254	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Douglass Run	102670327	Aquatic Life	7731	24398	0.034	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Douglass Run	102670369	Aquatic Life	7731	24398	0.415	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Douglass Run	102670397	Aquatic Life	7731	24398	0.931	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Evitts Creek	45643871	Special Protection	13205	24319	0.057	Bedford		CAUSE UNKNOWN	Refinement
Evitts Creek	45643969	Special Protection	13219	24319	0.505	Bedford		CAUSE UNKNOWN	Refinement
Huntingdon Valley Creek	25598939	Aquatic Life	10727	24450	0.142	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25598941	Aquatic Life	10727	24450	0.208	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599085	Aquatic Life	10727	24450	0.928	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599145	Aquatic Life	10727	24450	0.007	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599719	Aquatic Life	10727	24450	0.037	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599739	Aquatic Life	10727	24450	1.240	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599747	Aquatic Life	10727	24450	0.088	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599755	Aquatic Life	10727	24450	0.240	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599771	Aquatic Life	10727	24450	0.360	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599809	Aquatic Life	10727	24450	0.084	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599845	Aquatic Life	10727	24450	0.027	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Huntingdon Valley Creek	25599847	Aquatic Life	10727	24450	0.056	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Indian Creek	25999116	Aquatic Life	7958	23945	0.041	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Indian Creek	25999108	Aquatic Life	7958	23947	0.303	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; PH, HIGH; SILTATION; TOTAL DISSOLVED SOLIDS (TDS)	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Indian Creek	25999110	Aquatic Life	7958	23947	0.034	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; PH, HIGH; SILTATION; TOTAL DISSOLVED SOLIDS (TDS)	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Indian Creek	25999114	Aquatic Life	7958	23947	0.226	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS;	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
							NUTRIENTS; PH, HIGH; SILTATION; TOTAL DISSOLVED SOLIDS (TDS)		
Jones Run	102670195	Aquatic Life	7732	24399	0.766	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Jones Run	102670211	Aquatic Life	7732	24399	0.260	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Jones Run	102670217	Aquatic Life	7732	24399	0.077	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Jones Run	102670219	Aquatic Life	7732	24399	0.235	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Jones Run	102670221	Aquatic Life	7732	24399	0.085	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Jones Run	102670273	Aquatic Life	7732	24399	1.112	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Kittanning Run	65607412	Potable Water Supply	6152	24093	0.129	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607418	Potable Water Supply	6152	24093	0.015	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607436	Potable Water Supply	6152	24093	0.104	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607440	Potable Water Supply	6152	24093	0.021	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607492	Potable Water Supply	6152	24093	0.318	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607494	Potable Water Supply	6152	24093	0.035	Cambria	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607500	Potable Water Supply	6152	24093	0.081	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607502	Potable Water Supply	6152	24093	0.015	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607510	Potable Water Supply	6152	24093	0.035	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607514	Potable Water Supply	6152	24093	0.021	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607518	Potable Water Supply	6152	24093	0.058	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607524	Potable Water Supply	6152	24093	0.288	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607660	Potable Water Supply	6152	24093	1.011	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65607874	Potable Water Supply	6152	24093	0.913	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Kittanning Run	65608024	Potable Water Supply	6152	24093	1.079	Blair	IRON; MANGANESE; SULFATE; TOTAL DISSOLVED SOLIDS (TDS)	METALS; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Little Chiques Creek	57464205	Aquatic Life	8406	23892	0.014	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	AGRICULTURE	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Little Conestoga Creek	57462859	Aquatic Life	8514	24333	1.854	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57462861	Aquatic Life	8514	24333	0.025	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57462863	Aquatic Life	8514	24333	0.088	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57462865	Aquatic Life	8514	24333	0.170	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57462869	Aquatic Life	8514	24333	0.078	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57462977	Aquatic Life	8514	24333	1.029	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463087	Aquatic Life	8514	24333	1.663	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463301	Aquatic Life	8514	24333	1.327	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463343	Aquatic Life	8514	24333	0.297	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463407	Aquatic Life	8514	24333	0.488	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463437	Aquatic Life	8514	24333	0.218	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463655	Aquatic Life	8514	24333	1.291	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57463713	Aquatic Life	8514	24333	0.454	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57464097	Aquatic Life	8514	24333	1.119	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57464739	Aquatic Life	8514	24333	3.044	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57464867	Aquatic Life	8514	24333	0.757	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465013	Aquatic Life	8514	24333	0.604	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465177	Aquatic Life	8514	24333	0.020	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465265	Aquatic Life	8514	24333	0.867	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465283	Aquatic Life	8514	24333	0.324	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Little Conestoga Creek	57465321	Aquatic Life	8514	24333	0.203	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465455	Aquatic Life	8514	24333	0.574	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	57465877	Aquatic Life	8514	24333	1.391	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	133624848	Aquatic Life	8514	24333	0.168	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Conestoga Creek	133624850	Aquatic Life	8514	24333	0.198	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Little Mahanoy Creek	54962077	Aquatic Life	2486	24190	2.041	Schuylkill	ORGANIC ENRICHMENT	CAUSE UNKNOWN	Refinement
Little Mahanoy Creek	54961499	Aquatic Life	2486	24191	0.067	Schuylkill	SILTATION	CAUSE UNKNOWN	Refinement
Little Mahanoy Creek	54961507	Aquatic Life	2486	24191	0.743	Schuylkill	SILTATION	CAUSE UNKNOWN	Refinement
Little Mahanoy Creek	54961649	Aquatic Life	2486	24191	1.373	Schuylkill	SILTATION	CAUSE UNKNOWN	Refinement
Little Mill Creek	102669873	Aquatic Life	7733	24400	0.008	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102669933	Aquatic Life	7733	24400	0.960	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102669991	Aquatic Life	7733	24400	0.146	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102669993	Aquatic Life	7733	24400	0.894	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670005	Aquatic Life	7733	24400	0.359	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670019	Aquatic Life	7733	24400	0.511	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670021	Aquatic Life	7733	24400	0.477	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670071	Aquatic Life	7733	24400	0.531	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670073	Aquatic Life	7733	24400	0.221	Jefferson	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670109	Aquatic Life	7733	24400	0.775	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670131	Aquatic Life	7733	24400	0.126	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670145	Aquatic Life	7733	24400	1.012	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Mill Creek	102670153	Aquatic Life	7733	24400	0.429	Clarion	ALUMINUM; IRON	METALS	Refinement
Little Nescopeck Creek	65639357	Aquatic Life	9668	23999	0.372	Luzerne	ALUMINUM; IRON; PH; ZINC	METALS; PH; SULFATE	Refinement
Little Plum Creek	123972314	Aquatic Life	10567	23665	0.189	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	Refinement
Little Plum Creek	123972319	Aquatic Life	10888	23665	0.895	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; NUTRIENTS; OIL AND GREASE	Refinement
Little Plum Creek	123972531	Aquatic Life	10567	23665	0.167	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	Refinement
Little Plum Creek	123973085	Aquatic Life	10567	23665	0.634	Allegheny	ALUMINUM; HABITAT ALTERATIONS	METALS; PH	Refinement
Long Run	102670017	Aquatic Life	7733	24407	0.943	Jefferson	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Lost Creek	54960679	Aquatic Life	4403	24326	0.097	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960681	Aquatic Life	4403	24326	0.013	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960687	Aquatic Life	4403	24326	0.045	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Lost Creek	54960707	Aquatic Life	4403	24326	0.132	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960741	Aquatic Life	4403	24326	0.424	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960743	Aquatic Life	4403	24326	0.021	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960791	Aquatic Life	4403	24326	0.170	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54960981	Aquatic Life	4403	24326	0.465	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Lost Creek	54980577	Aquatic Life	4403	24326	0.002	Schuylkill	ALUMINUM; FLOW REGIME MODIFICATION; PH, LOW; SILTATION	METALS	Refinement
Mahanoy Creek	54962587	Aquatic Life	2720	24125	0.765	Schuylkill	IRON; SILTATION	METALS; PH	Refinement
Mahanoy Creek	54963187	Aquatic Life	2316	24125	1.020	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963477	Aquatic Life	2316	24125	0.444	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963521	Aquatic Life	2316	24125	0.331	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963539	Aquatic Life	2316	24125	0.122	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963609	Aquatic Life	2316	24125	0.312	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963623	Aquatic Life	2316	24125	0.158	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963683	Aquatic Life	2316	24125	0.292	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963707	Aquatic Life	2316	24125	0.066	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963749	Aquatic Life	1292	24125	0.155	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963755	Aquatic Life	2316	24125	0.148	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963769	Aquatic Life	2316	24125	0.203	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963777	Aquatic Life	2316	24125	0.142	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963787	Aquatic Life	2316	24125	0.053	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963795	Aquatic Life	2316	24125	0.130	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963805	Aquatic Life	2316	24125	0.015	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963823	Aquatic Life	2316	24125	0.414	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963837	Aquatic Life	2316	24125	0.056	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963851	Aquatic Life	2316	24125	0.067	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963859	Aquatic Life	2316	24125	0.101	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963861	Aquatic Life	2317	24125	0.055	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963863	Aquatic Life	2317	24125	0.012	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963873	Aquatic Life	1292	24125	0.276	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963889	Aquatic Life	1292	24125	1.023	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963895	Aquatic Life	2316	24125	0.129	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963901	Aquatic Life	2316	24125	0.217	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963903	Aquatic Life	1292	24125	0.122	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963905	Aquatic Life	2316	24125	0.021	Schuylkill	IRON; SILTATION	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Mahanoy Creek	54963907	Aquatic Life	2316	24125	0.014	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963909	Aquatic Life	2316	24125	0.011	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963911	Aquatic Life	2316	24125	0.013	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963921	Aquatic Life	2316	24125	0.173	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963941	Aquatic Life	2316	24125	0.074	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963945	Aquatic Life	2316	24125	0.242	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963997	Aquatic Life	1292	24125	0.525	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54964291	Aquatic Life	1292	24125	1.510	Schuylkill	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54964801	Aquatic Life	1292	24125	2.274	Northumberland	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54964865	Aquatic Life	1292	24125	0.199	Northumberland	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54965109	Aquatic Life	1292	24125	0.805	Northumberland	IRON; SILTATION	METALS	Refinement
Mahanoy Creek	54963959	Aquatic Life	7512	24125	0.135	Schuylkill	IRON; SILTATION	ACID MINE DRAINAGE	Refinement
Mahanoy Creek	54964003	Aquatic Life	7512	24125	0.326	Schuylkill	IRON; SILTATION	ACID MINE DRAINAGE	Refinement
Mahanoy Creek	54960647	Aquatic Life	2704	24162	0.675	Schuylkill	FLOW REGIME MODIFICATION; IRON; PH, LOW; SILTATION; ZINC	METALS; PH	Refinement
Mahanoy Creek	54960655	Aquatic Life	2704	24162	0.798	Schuylkill	FLOW REGIME MODIFICATION; IRON; PH, LOW; SILTATION; ZINC	METALS; PH	Refinement
Mahanoy Creek	54960683	Aquatic Life	2704	24162	0.544	Schuylkill	FLOW REGIME MODIFICATION; IRON; PH, LOW; SILTATION; ZINC	METALS; PH	Refinement
Mahanoy Creek	54961271	Aquatic Life	2704	24164	5.360	Schuylkill	FLOW REGIME MODIFICATION; IRON; SILTATION	METALS; PH	Refinement
Mahanoy Creek	54961331	Aquatic Life	2704	24168	1.604	Schuylkill	ALUMINUM; IRON; SILTATION	METALS; PH	Refinement
McGee Run	123718028	Aquatic Life	12682	24236	0.342	Westmoreland	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; SILTATION	Refinement
McGee Run	123718029	Aquatic Life	12682	24236	0.721	Westmoreland	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; SILTATION	Refinement
Meadow Brook	25598907	Aquatic Life	10727	24451	0.642	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25598909	Aquatic Life	10727	24451	0.065	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25598911	Aquatic Life	10727	24451	0.060	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25598915	Aquatic Life	10727	24451	0.077	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Meadow Brook	25598917	Aquatic Life	10727	24451	0.187	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25598925	Aquatic Life	10727	24451	0.048	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25599079	Aquatic Life	10727	24451	0.677	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25599081	Aquatic Life	10727	24451	0.675	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Meadow Brook	25599253	Aquatic Life	10727	24451	0.015	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Mill Creek	102669801	Aquatic Life	11402	24397	0.523	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669829	Aquatic Life	11403	24397	0.018	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669837	Aquatic Life	11403	24397	1.931	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669855	Aquatic Life	11402	24397	0.300	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669865	Aquatic Life	11403	24397	0.765	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669869	Aquatic Life	11403	24397	0.396	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669889	Aquatic Life	11402	24397	0.654	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669903	Aquatic Life	11402	24397	0.321	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669915	Aquatic Life	11402	24397	0.562	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669939	Aquatic Life	11402	24397	0.554	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Mill Creek	102669955	Aquatic Life	11402	24397	0.312	Clarion	ALUMINUM; IRON; PH, LOW	METALS; PH	Refinement
Millers Run	57463717	Aquatic Life	8520	24333	1.951	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Nanticoke Creek	65634809	Aquatic Life	11388	24000	0.099	Luzerne	IRON; PH	METALS; PH	Refinement
Nanticoke Creek	65634917	Aquatic Life	11388	24000	0.430	Luzerne	IRON; PH	METALS; PH	Refinement
Nanticoke Creek	65635117	Aquatic Life	11388	24000	2.251	Luzerne	IRON; PH	METALS; PH	Refinement
Narrows Creek	123863054	Aquatic Life	21969	24393	1.742	Clearfield	HABITAT ALTERATIONS; SILTATION	ALUMINUM; CAUSE UNKNOWN; IRON; MANGANESE	Refinement
Nescopeck Creek	65639449	Aquatic Life	9678	24004	0.260	Luzerne	ALUMINUM; PH	METALS; PH	Refinement
Nescopeck Creek	65639525	Aquatic Life	9678	24004	0.293	Luzerne	ALUMINUM; PH	METALS; PH	Refinement
Nescopeck Creek	65639625	Aquatic Life	9678	24004	2.005	Luzerne	ALUMINUM; PH	METALS; PH	Refinement
Parks Run	102669311	Special Protection	7734	24412	0.719	Jefferson	PH, LOW	PH	Refinement
Parks Run	102669387	Special Protection	7734	24412	0.316	Jefferson	PH, LOW	PH	Refinement
Parks Run	102669443	Special Protection	7734	24412	0.469	Jefferson	PH, LOW	PH	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Pennypack Creek	25599779	Aquatic Life	10727	24441	1.374	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599707	Aquatic Life	10727	24442	0.050	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599783	Aquatic Life	10727	24442	0.280	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599787	Aquatic Life	10727	24442	0.058	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599791	Aquatic Life	10727	24442	0.799	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599793	Aquatic Life	10727	24442	0.816	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599143	Aquatic Life	10727	24443	0.654	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599147	Aquatic Life	10727	24443	0.145	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599151	Aquatic Life	10727	24443	0.316	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599155	Aquatic Life	10727	24443	0.677	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599157	Aquatic Life	10727	24443	0.549	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599161	Aquatic Life	10727	24443	0.362	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Pennypack Creek	25599165	Aquatic Life	10727	24443	0.403	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599169	Aquatic Life	10727	24443	0.183	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599173	Aquatic Life	10727	24443	0.209	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599177	Aquatic Life	10727	24443	0.840	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599181	Aquatic Life	10727	24443	0.242	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599185	Aquatic Life	10727	24443	0.757	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599189	Aquatic Life	10727	24443	2.146	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599193	Aquatic Life	10727	24443	0.604	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599197	Aquatic Life	10727	24443	0.915	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599201	Aquatic Life	10727	24443	1.430	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599713	Aquatic Life	10727	24443	0.064	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599721	Aquatic Life	10727	24443	0.072	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599727	Aquatic Life	10727	24443	0.173	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Pennypack Creek	25599797	Aquatic Life	10727	24443	0.304	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599823	Aquatic Life	10727	24443	0.120	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599825	Aquatic Life	10727	24443	0.054	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599829	Aquatic Life	10727	24443	0.128	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599835	Aquatic Life	10727	24443	0.481	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pennypack Creek	25599839	Aquatic Life	10727	24443	1.142	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Pine Run	25960148	Aquatic Life	8791	23534	0.577	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Pine Run	25960164	Aquatic Life	8791	23534	0.893	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Pine Run	25960298	Aquatic Life	8791	23534	0.034	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Pine Run	25960180	Aquatic Life	8792	23535	0.789	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Porter Run	61836967	Recreational	16386	23824	0.305	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Porter Run	61837003	Recreational	16386	23824	0.084	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Porter Run	61837093	Recreational	16386	23824	0.400	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Porter Run	61837255	Recreational	16386	23824	0.976	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Porter Run	61837257	Recreational	16386	23824	0.014	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Robinhood Brook	25598895	Aquatic Life	10727	24451	0.103	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Robinhood Brook	25598899	Aquatic Life	10727	24451	0.060	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598901	Aquatic Life	10727	24451	0.051	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598927	Aquatic Life	10727	24451	0.070	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598929	Aquatic Life	10727	24451	0.030	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598931	Aquatic Life	10727	24451	0.020	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598933	Aquatic Life	10727	24451	0.045	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25598935	Aquatic Life	10727	24451	0.027	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599083	Aquatic Life	10727	24451	0.820	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599153	Aquatic Life	10727	24451	0.010	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599229	Aquatic Life	10727	24451	0.035	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599255	Aquatic Life	10727	24451	0.012	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599257	Aquatic Life	10727	24451	0.103	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Robinhood Brook	25599259	Aquatic Life	10727	24451	0.014	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Robinhood Brook	25599261	Aquatic Life	10727	24451	0.021	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Rock Run	61115665	Special Protection	10522	24389	1.714	Clinton	PH, LOW	METALS; PH	Refinement
Rockledge Branch	25599075	Aquatic Life	10727	24452	1.132	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Rockledge Branch	25599175	Aquatic Life	10727	24452	0.010	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Round Meadow Run	25599709	Aquatic Life	10727	24440	0.135	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Round Meadow Run	25599715	Aquatic Life	10727	24440	0.838	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Round Meadow Run	25599789	Aquatic Life	10727	24440	0.008	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Sand Spring Run	45641781	Special Protection	1351	24315	1.179	Bedford	PH, LOW	HABITAT ALTERATIONS; PH	Refinement
Sand Spring Run	45641857	Special Protection	986	24315	1.445	Bedford	PH, LOW	PH	Refinement
Sand Spring Run	45641983	Special Protection	986	24315	0.782	Bedford	PH, LOW	PH	Refinement
Sandy Run	25960186	Aquatic Life	8789	23536	0.324	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25960188	Aquatic Life	8789	23536	0.374	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25960192	Aquatic Life	8789	23536	0.416	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25960194	Aquatic Life	8790	23536	0.364	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); NUTRIENTS	Refinement
Sandy Run	25960196	Aquatic Life	8789	23537	0.474	Montgomery	BIOCHEMICAL OXYGEN DEMAND (BOD); EUTROPHICATION; FLOW REGIME	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
							MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	
Sandy Run	25960198	Aquatic Life	8789	23537	1.763	Montgomery	BIOCHEMICAL OXYGEN DEMAND (BOD); EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25974870	Aquatic Life	8789	23537	0.085	Montgomery	BIOCHEMICAL OXYGEN DEMAND (BOD); EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25974874	Aquatic Life	8789	23537	1.271	Montgomery	BIOCHEMICAL OXYGEN DEMAND (BOD); EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Sandy Run	25598875	Aquatic Life	10728	24475	0.688	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	Refinement
Sandy Run	25599199	Aquatic Life	10728	24475	0.011	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; DEWATERING; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS	Refinement
Shenandoah Creek	54961235	Aquatic Life	2708	24171	1.962	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	METALS	Refinement
Shenandoah Creek	54961255	Aquatic Life	2708	24171	0.138	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	METALS	Refinement
Shenandoah Creek	54961289	Aquatic Life	2708	24171	0.171	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	METALS	Refinement
Shenandoah Creek	54961293	Aquatic Life	2708	24171	0.005	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	METALS	Refinement
Shenandoah Creek	133385308	Aquatic Life	2710	24171	2.792	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	METALS; ORGANIC ENRICHMENT; SILTATION	Refinement
Sherrick Run	69914897	Aquatic Life	6816	24282	1.535	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Southampton Creek	25599691	Aquatic Life	10727	24447	0.016	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Stauffer Run	69914443	Aquatic Life	6851	24296	1.274	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Stauffer Run	69914595	Aquatic Life	6851	24296	0.580	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Stauffer Run	69914695	Aquatic Life	6851	24296	0.370	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Stauffer Run	69914697	Aquatic Life	6851	24296	0.030	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Stauffer Run	134770182	Aquatic Life	10054	24296	1.318	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Stauffer Run	134770184	Aquatic Life	10054	24296	0.475	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Sullivan Run	126217557	Aquatic Life	4250	24126	0.948	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Sullivan Run	126223844	Aquatic Life	4250	24126	0.186	Butler	FLOW REGIME MODIFICATION	CAUSE UNKNOWN	Refinement
Swarr Run	57463291	Aquatic Life	8520	24333	0.904	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Swarr Run	57463321	Aquatic Life	8520	24333	0.216	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Swarr Run	57463433	Aquatic Life	8520	24333	1.337	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Swarr Run	57463473	Aquatic Life	8520	24333	0.975	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Swarr Run	57463483	Aquatic Life	8520	24333	0.725	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Terwood Run	25599745	Aquatic Life	10727	24449	0.395	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599753	Aquatic Life	10727	24449	0.559	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599759	Aquatic Life	10727	24449	0.232	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599763	Aquatic Life	10727	24449	0.344	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599769	Aquatic Life	10727	24449	0.851	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599841	Aquatic Life	10727	24449	0.082	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25599843	Aquatic Life	10727	24449	0.027	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25625766	Aquatic Life	10727	24449	0.014	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Terwood Run	25625768	Aquatic Life	10727	24449	0.006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Trewellyn Creek	25960054	Aquatic Life	8803	23526	0.454	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Trewellyn Creek	25960058	Aquatic Life	8803	23526	1.120	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960072	Aquatic Life	8803	23526	0.344	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960074	Aquatic Life	8803	23526	0.024	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960078	Aquatic Life	8803	23526	0.027	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960080	Aquatic Life	8803	23526	0.725	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960202	Aquatic Life	8803	23526	0.039	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960204	Aquatic Life	8803	23526	0.189	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960206	Aquatic Life	8803	23526	0.020	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25960210	Aquatic Life	8803	23526	0.012	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25979148	Aquatic Life	8803	23526	0.342	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Trewellyn Creek	25979338	Aquatic Life	8803	23526	0.012	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Aquashicola Creek	26289835	Aquatic Life	1760	24352	0.516	Carbon	CADMIUM; ZINC	METALS	Refinement
Unnamed Tributary to Aquashicola Creek	26289837	Aquatic Life	1760	24352	0.011	Carbon	CADMIUM; ZINC	METALS	Refinement
Unnamed Tributary to Aquashicola Creek	26289951	Aquatic Life	1760	24352	0.016	Carbon	CADMIUM; ZINC	METALS	Refinement
Unnamed Tributary to Aquashicola Creek	26290003	Aquatic Life	1760	24352	0.042	Carbon	CADMIUM; ZINC	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Aquashicola Creek	26290101	Aquatic Life	1760	24352	0.021	Carbon	CADMIUM; ZINC	METALS	Refinement
Unnamed Tributary to Camp Run	61115801	Special Protection	10518	24391	0.789	Clinton	PH, LOW	METALS; PH; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462297	Aquatic Life	19377	23860	1.234	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462299	Aquatic Life	19377	23860	1.152	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462403	Aquatic Life	19377	23860	1.514	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462405	Aquatic Life	19377	23860	2.384	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462533	Aquatic Life	19377	23860	1.395	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Chiques Creek	57462083	Aquatic Life	8474	23860	0.027	Lancaster	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	AGRICULTURE; URBAN RUNOFF/STORM SEWERS	Refinement
Unnamed Tributary to Cresheim Creek	25974930	Aquatic Life	8783	23547	0.226	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Cresheim Creek	25975070	Aquatic Life	8783	23547	0.029	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Dimple Creek	26040926	Recreational	19009	23679	0.369	Bucks	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Unnamed Tributary to Douglass Run	102670289	Aquatic Life	7731	24398	0.433	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Douglass Run	102670381	Aquatic Life	7731	24398	0.848	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Douglass Run	102670461	Aquatic Life	7731	24398	0.828	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Evitts Creek	45643933	Special Protection	13215	24289	1.685	Bedford		CAUSE UNKNOWN	Refinement
Unnamed Tributary to Evitts Creek	45642321	Special Protection	1354	24317	0.713	Bedford	PH, LOW	ATMOSPHERIC DEPOSITION	Refinement
Unnamed Tributary to Evitts Creek	45642323	Special Protection	13169	24317	0.481	Bedford	PH, LOW	ATMOSPHERIC DEPOSITION	Refinement
Unnamed Tributary to Evitts Creek	45642359	Special Protection	1354	24317	0.235	Bedford	PH, LOW	ATMOSPHERIC DEPOSITION	Refinement
Unnamed Tributary to Evitts Creek	45642361	Special Protection	13169	24317	0.677	Bedford	PH, LOW	ATMOSPHERIC DEPOSITION	Refinement
Unnamed Tributary to Evitts Creek	45642535	Special Protection	1354	24317	1.387	Bedford	PH, LOW	ATMOSPHERIC DEPOSITION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Huntingdon Valley Creek	25598943	Aquatic Life	10727	24450	0.508	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Huntingdon Valley Creek	25598945	Aquatic Life	10727	24450	0.126	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Huntingdon Valley Creek	25598947	Aquatic Life	10727	24450	0.181	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Huntingdon Valley Creek	25599265	Aquatic Life	10727	24450	0.021	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Huntingdon Valley Creek	25599757	Aquatic Life	10727	24450	0.668	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Huntingdon Valley Creek	25599817	Aquatic Life	10727	24450	0.064	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Indian Creek	25999522	Aquatic Life	7958	23945	0.446	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; TOTAL DISSOLVED SOLIDS (TDS)	Refinement
Unnamed Tributary to Jacobs Creek	69915323	Aquatic Life	6825	24285	0.578	Fayette	ALUMINUM; HABITAT ALTERATIONS; PH, LOW; SILTATION	ORGANIC ENRICHMENT; PH; SILTATION	Refinement
Unnamed Tributary to Jacobs Creek	69915031	Aquatic Life	6831	24287	0.199	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jacobs Creek	69915073	Aquatic Life	6831	24287	0.082	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jacobs Creek	69915147	Aquatic Life	6831	24287	0.126	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jacobs Creek	69915463	Aquatic Life	6841	24295	1.054	Fayette	ALUMINUM; HABITAT ALTERATIONS; PH, LOW; SILTATION	METALS; PH; SILTATION	Refinement
Unnamed Tributary to Jacobs Creek	69916055	Aquatic Life	6865	24299	1.263	Fayette	ALUMINUM; HABITAT ALTERATIONS; PH, LOW; SILTATION	PH	Refinement
Unnamed Tributary to Jacobs Creek	69916057	Aquatic Life	6865	24299	0.008	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; PH, LOW; SILTATION	PH	Refinement
Unnamed Tributary to Jones Run	102670343	Aquatic Life	7732	24399	0.585	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jones Run	102670363	Aquatic Life	7732	24399	0.507	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jones Run	102670407	Aquatic Life	7732	24399	0.377	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Jones Run	102670271	Aquatic Life	5562	24399	0.222	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	ACID MINE DRAINAGE	Refinement
Unnamed Tributary to Jones Run	102670277	Aquatic Life	5562	24399	0.058	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	ACID MINE DRAINAGE	Refinement
Unnamed Tributary to Little Conestoga Creek	57463059	Aquatic Life	8534	24333	0.782	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Conestoga Creek	57462663	Aquatic Life	8514	24333	0.272	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57462665	Aquatic Life	8514	24333	0.039	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57462783	Aquatic Life	8514	24333	0.662	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57462857	Aquatic Life	8514	24333	0.644	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463139	Aquatic Life	8514	24333	1.164	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463241	Aquatic Life	8514	24333	0.204	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463257	Aquatic Life	8514	24333	0.050	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463275	Aquatic Life	8520	24333	2.315	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463285	Aquatic Life	8520	24333	0.086	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463295	Aquatic Life	8514	24333	0.912	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463345	Aquatic Life	8520	24333	0.697	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463381	Aquatic Life	8514	24333	1.089	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463395	Aquatic Life	8514	24333	0.180	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463397	Aquatic Life	8514	24333	0.012	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463399	Aquatic Life	8514	24333	0.050	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463401	Aquatic Life	8514	24333	0.074	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463435	Aquatic Life	8514	24333	0.254	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463675	Aquatic Life	8514	24333	1.219	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57463711	Aquatic Life	8514	24333	1.821	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464425	Aquatic Life	8514	24333	0.037	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Conestoga Creek	57464487	Aquatic Life	8514	24333	0.322	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464497	Aquatic Life	8514	24333	0.017	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464503	Aquatic Life	8514	24333	0.005	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464509	Aquatic Life	8514	24333	0.035	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464677	Aquatic Life	8514	24333	0.633	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464691	Aquatic Life	8514	24333	1.138	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464731	Aquatic Life	8514	24333	0.158	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464795	Aquatic Life	8514	24333	0.014	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464865	Aquatic Life	8514	24333	0.455	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464869	Aquatic Life	8514	24333	0.629	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	57464873	Aquatic Life	8514	24333	0.025	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	133624915	Aquatic Life	8514	24333	0.021	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Conestoga Creek	133624917	Aquatic Life	8514	24333	0.249	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Little Mill Creek	102669977	Aquatic Life	7733	24400	0.605	Jefferson	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102669985	Aquatic Life	7733	24400	0.887	Jefferson	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670029	Aquatic Life	7733	24400	0.275	Clarion	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670033	Aquatic Life	7733	24400	0.048	Clarion	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670049	Aquatic Life	7733	24400	0.414	Clarion	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670113	Aquatic Life	7733	24400	0.408	Clarion	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670141	Aquatic Life	7733	24400	0.714	Jefferson	ALUMINUM; IRON	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Little Mill Creek	102670191	Aquatic Life	7733	24400	0.440	Clarion	ALUMINUM; IRON	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670295	Aquatic Life	7733	24405	0.625	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670345	Aquatic Life	7733	24405	0.408	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670347	Aquatic Life	7733	24405	0.062	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670373	Aquatic Life	7733	24405	0.121	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Little Mill Creek	102670375	Aquatic Life	7733	24405	0.285	Clarion	ALUMINUM; IRON; PH, LOW	METALS	Refinement
Unnamed Tributary to Little Nescopeck Creek	65639309	Aquatic Life	9669	23999	0.534	Luzerne	ALUMINUM; IRON; PH; ZINC	METALS; PH	Refinement
Unnamed Tributary to Little Plum Creek	123972315	Aquatic Life	10568	23665	0.101	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972316	Aquatic Life	10568	23665	0.052	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972317	Aquatic Life	10568	23665	0.043	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972494	Aquatic Life	10568	23665	0.336	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972495	Aquatic Life	10568	23665	0.472	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972532	Aquatic Life	10568	23665	0.018	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123972533	Aquatic Life	10568	23665	0.078	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123973067	Aquatic Life	10568	23665	0.136	Allegheny	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Little Plum Creek	123973072	Aquatic Life	10568	23665	0.537	Westmoreland	ALUMINUM; HABITAT ALTERATIONS	ACID MINE DRAINAGE; PETROLEUM/NATURAL GAS ACTIVITIES	Refinement
Unnamed Tributary to Mahanoy Creek	54963493	Aquatic Life	2305	24123	2.364	Columbia	IRON; SILTATION	METALS; SILTATION	Refinement
Unnamed Tributary to Mahanoy Creek	54963495	Aquatic Life	2305	24123	0.009	Schuylkill	IRON; SILTATION	METALS; SILTATION	Refinement
Unnamed Tributary to Mahanoy Creek	54963617	Aquatic Life	2317	24125	0.011	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Mahanoy Creek	54963627	Aquatic Life	2317	24125	0.009	Schuylkill	IRON; SILTATION	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Mahanoy Creek	54963705	Aquatic Life	2317	24125	0.139	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Mahanoy Creek	54963793	Aquatic Life	2317	24125	0.030	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Mahanoy Creek	54963809	Aquatic Life	2317	24125	0.080	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Mahanoy Creek	54963815	Aquatic Life	2317	24125	0.017	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Mahanoy Creek	54963969	Aquatic Life	2317	24125	0.308	Schuylkill	IRON; SILTATION	METALS	Refinement
Unnamed Tributary to McGee Run	123718030	Aquatic Life	12675	24236	1.250	Westmoreland	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	AGRICULTURE	Refinement
Unnamed Tributary to McGee Run	123718047	Aquatic Life	12675	24236	1.086	Westmoreland	EUTROPHICATION; HABITAT ALTERATIONS; SILTATION	AGRICULTURE	Refinement
Unnamed Tributary to Meadow Brook	25598913	Aquatic Life	10727	24451	0.662	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25598919	Aquatic Life	10727	24451	0.583	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25598921	Aquatic Life	10727	24451	0.347	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25598923	Aquatic Life	10727	24451	0.531	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25598975	Aquatic Life	10727	24451	0.254	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25599251	Aquatic Life	10727	24451	0.034	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25599275	Aquatic Life	10727	24451	0.022	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	25599277	Aquatic Life	10727	24451	0.026	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Meadow Brook	133072464	Aquatic Life	10727	24451	0.485	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pennypack Creek	25585781	Aquatic Life	10727	24440	0.027	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585783	Aquatic Life	10727	24440	0.546	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585785	Aquatic Life	10727	24440	0.961	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585787	Aquatic Life	10727	24440	0.024	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585789	Aquatic Life	10727	24440	0.675	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585791	Aquatic Life	10727	24440	0.894	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585797	Aquatic Life	10727	24440	0.014	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585799	Aquatic Life	10727	24440	0.035	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599683	Aquatic Life	10727	24440	0.706	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599685	Aquatic Life	10727	24440	0.322	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pennypack Creek	25599687	Aquatic Life	10727	24440	0.049	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599697	Aquatic Life	10727	24440	0.455	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599699	Aquatic Life	10727	24440	0.042	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599705	Aquatic Life	10727	24440	0.524	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599781	Aquatic Life	10727	24440	0.006	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599785	Aquatic Life	10727	24440	0.009	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599805	Aquatic Life	10727	24440	0.039	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599807	Aquatic Life	10727	24440	0.126	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25585773	Aquatic Life	10727	24441	0.114	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599637	Aquatic Life	10727	24441	0.079	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599641	Aquatic Life	10727	24441	0.341	Bucks	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pennypack Creek	25599643	Aquatic Life	10727	24441	0.428	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599645	Aquatic Life	10727	24441	0.345	Bucks	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599647	Aquatic Life	10727	24441	0.537	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599657	Aquatic Life	10727	24441	0.675	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599669	Aquatic Life	10727	24441	0.611	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599773	Aquatic Life	10727	24441	0.045	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599777	Aquatic Life	10727	24441	0.009	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598949	Aquatic Life	10727	24450	0.162	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599149	Aquatic Life	10727	24450	0.010	Montgomery	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598883	Aquatic Life	462	24452	0.293	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598885	Aquatic Life	10727	24452	0.403	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598887	Aquatic Life	10727	24452	0.483	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598969	Aquatic Life	462	24452	0.335	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598981	Aquatic Life	10727	24452	0.195	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598983	Aquatic Life	10727	24452	0.143	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599077	Aquatic Life	10727	24452	1.002	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599087	Aquatic Life	462	24452	1.415	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pennypack Creek	25599163	Aquatic Life	10727	24452	0.009	Montgomery	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599167	Aquatic Life	462	24452	0.014	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599171	Aquatic Life	462	24452	0.007	Philadelphia	FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598869	Aquatic Life	614	24453	0.431	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598871	Aquatic Life	614	24453	0.337	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599187	Aquatic Life	614	24453	0.010	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598851	Aquatic Life	615	24453	0.150	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598867	Aquatic Life	615	24453	0.304	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598873	Aquatic Life	10727	24453	0.373	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598877	Aquatic Life	464	24453	0.450	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598879	Aquatic Life	464	24453	0.326	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598881	Aquatic Life	464	24453	0.458	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25598979	Aquatic Life	10727	24453	0.426	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599021	Aquatic Life	615	24453	0.472	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pennypack Creek	25599071	Aquatic Life	464	24453	1.878	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599073	Aquatic Life	464	24453	0.550	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599179	Aquatic Life	464	24453	0.014	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599183	Aquatic Life	10727	24453	0.013	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599191	Aquatic Life	615	24453	0.021	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599195	Aquatic Life	10727	24453	0.010	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599207	Aquatic Life	615	24453	0.026	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pennypack Creek	25599291	Aquatic Life	615	24453	0.107	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960118	Aquatic Life	8791	23534	0.546	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960122	Aquatic Life	8791	23534	0.063	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960128	Aquatic Life	8791	23534	0.223	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960130	Aquatic Life	8791	23534	0.414	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960132	Aquatic Life	8791	23534	0.036	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Pine Run	25960134	Aquatic Life	8791	23534	0.539	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960140	Aquatic Life	8791	23534	0.495	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960142	Aquatic Life	8791	23534	0.227	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960144	Aquatic Life	8791	23534	0.210	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960150	Aquatic Life	8791	23534	0.278	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960152	Aquatic Life	8791	23534	0.490	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960168	Aquatic Life	8791	23534	0.618	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960172	Aquatic Life	8791	23534	0.924	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960176	Aquatic Life	8791	23534	0.638	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960310	Aquatic Life	8791	23534	0.057	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960312	Aquatic Life	8791	23534	0.037	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960314	Aquatic Life	8791	23534	0.016	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Pine Run	25960316	Aquatic Life	8791	23534	0.020	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Robinhood Brook	25598897	Aquatic Life	10727	24451	0.035	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25598903	Aquatic Life	10727	24451	0.053	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25598905	Aquatic Life	10727	24451	0.539	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25598937	Aquatic Life	10727	24451	0.293	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25599003	Aquatic Life	10727	24451	0.042	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25599263	Aquatic Life	10727	24451	0.022	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Robinhood Brook	25599273	Aquatic Life	10727	24451	0.037	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Rock Run	61115565	Special Protection	10518	24388	0.664	Clinton	PH, LOW	METALS; PH; SILTATION	Refinement
Unnamed Tributary to Round Meadow Run	25599717	Aquatic Life	10727	24440	0.587	Montgomery	DISSOLVED OXYGEN; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Sand Spring Run	45641735	Special Protection	986	24315	0.488	Bedford	PH, LOW	PH	Refinement
Unnamed Tributary to Sandy Run	25974872	Aquatic Life	8790	23536	0.681	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	BIOCHEMICAL OXYGEN DEMAND (BOD); NUTRIENTS	Refinement
Unnamed Tributary to Sandy Run	25960190	Aquatic Life	8791	23536	0.429	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Shenandoah Creek	134288810	Aquatic Life	3337	24171	0.234	Schuylkill	IRON; ORGANIC ENRICHMENT; SILTATION	ACID MINE DRAINAGE	Refinement
Unnamed Tributary to Stauffer Run	69914281	Aquatic Life	6859	24296	0.679	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Stauffer Run	69914283	Aquatic Life	6859	24296	0.344	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Stauffer Run	69914335	Aquatic Life	6859	24296	0.193	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Stauffer Run	69914445	Aquatic Life	6851	24296	0.487	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Stauffer Run	69914475	Aquatic Life	6859	24296	0.286	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Stauffer Run	69914593	Aquatic Life	6859	24296	0.326	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Stauffer Run	69914693	Aquatic Life	6856	24296	1.057	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS	Refinement
Unnamed Tributary to Stauffer Run	69914717	Aquatic Life	6851	24296	1.151	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH	Refinement
Unnamed Tributary to Stauffer Run	69915105	Aquatic Life	6845	24296	0.461	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH; SILTATION	Refinement
Unnamed Tributary to Stauffer Run	134770181	Aquatic Life	6845	24296	0.199	Westmoreland	ALUMINUM; HABITAT ALTERATIONS; IRON; SILTATION	METALS; PH; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463223	Aquatic Life	8520	24333	0.247	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463227	Aquatic Life	8520	24333	0.034	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463231	Aquatic Life	8520	24333	0.097	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463249	Aquatic Life	8520	24333	0.132	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463289	Aquatic Life	8520	24333	0.255	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463597	Aquatic Life	8520	24333	0.733	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463649	Aquatic Life	8520	24333	2.331	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463677	Aquatic Life	8520	24333	0.135	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463679	Aquatic Life	8520	24333	0.011	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Swarr Run	57463843	Aquatic Life	8520	24333	1.061	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Terwood Run	25599737	Aquatic Life	10727	24449	0.357	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Terwood Run	25599741	Aquatic Life	10727	24449	0.679	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Terwood Run	25599743	Aquatic Life	10727	24449	0.173	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Terwood Run	25599831	Aquatic Life	10727	24449	0.019	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Terwood Run	25599833	Aquatic Life	10727	24449	0.074	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960056	Aquatic Life	8803	23526	0.426	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960060	Aquatic Life	8803	23526	0.653	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960062	Aquatic Life	8803	23526	0.759	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960066	Aquatic Life	8803	23526	0.622	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960068	Aquatic Life	8803	23526	0.044	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960070	Aquatic Life	8803	23526	0.058	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960076	Aquatic Life	8803	23526	0.249	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960200	Aquatic Life	8803	23526	0.047	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Trewellyn Creek	25960208	Aquatic Life	8803	23526	0.011	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Tulpehocken Creek	25962196	Aquatic Life	16179	24292	0.853	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	25962198	Aquatic Life	16179	24292	0.889	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	25962200	Aquatic Life	16179	24292	0.635	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	25997538	Aquatic Life	16179	24292	0.706	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Tulpehocken Creek	26003860	Special Protection	16190	24312	0.447	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	26003862	Aquatic Life	16190	24312	0.772	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	26003874	Special Protection	16190	24312	1.196	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	26004180	Special Protection	16190	24312	0.007	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Tulpehocken Creek	26004184	Aquatic Life	16190	24312	0.027	Berks	HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	Refinement
Unnamed Tributary to Whites Run	102670265	Aquatic Life	7730	24396	0.480	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS	Refinement
Unnamed Tributary to Wissahickon Creek	25978966	Aquatic Life	9861	23521	0.185	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25978998	Aquatic Life	9861	23521	0.702	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979028	Aquatic Life	9861	23521	0.382	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979062	Aquatic Life	9861	23521	0.342	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979064	Aquatic Life	8807	23521	0.693	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979074	Aquatic Life	9861	23521	0.267	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979090	Aquatic Life	8807	23521	0.453	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979094	Aquatic Life	8807	23521	0.014	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979116	Aquatic Life	8807	23521	0.367	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25979128	Aquatic Life	8807	23521	0.829	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979386	Aquatic Life	9861	23521	0.078	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979392	Aquatic Life	9861	23521	0.054	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979394	Aquatic Life	8807	23521	0.030	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979396	Aquatic Life	8807	23521	0.023	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25979398	Aquatic Life	8807	23521	0.022	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960088	Aquatic Life	8801	23527	0.566	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960092	Aquatic Life	8801	23527	0.816	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960114	Aquatic Life	8801	23527	0.955	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960218	Aquatic Life	8801	23527	0.097	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960220	Aquatic Life	8801	23527	0.048	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960244	Aquatic Life	8801	23527	0.003	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960252	Aquatic Life	8801	23527	0.017	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960090	Aquatic Life	8797	23529	0.579	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960094	Aquatic Life	8797	23529	0.713	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960096	Aquatic Life	8797	23529	0.277	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25960098	Aquatic Life	8797	23529	0.554	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960100	Aquatic Life	8797	23529	0.176	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960102	Aquatic Life	8797	23529	0.139	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960104	Aquatic Life	8797	23529	0.864	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960106	Aquatic Life	8797	23529	0.019	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960108	Aquatic Life	8797	23529	0.430	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960222	Aquatic Life	8797	23529	0.033	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960224	Aquatic Life	8797	23529	0.045	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960226	Aquatic Life	8797	23529	0.034	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960230	Aquatic Life	8797	23529	0.082	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960232	Aquatic Life	8797	23529	0.023	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960110	Aquatic Life	8797	23530	0.854	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960112	Aquatic Life	8797	23530	0.006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25960120	Aquatic Life	8797	23530	0.912	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960124	Aquatic Life	8797	23530	0.108	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960138	Aquatic Life	8797	23530	2.006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960158	Aquatic Life	8797	23530	0.928	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960228	Aquatic Life	8797	23530	0.011	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960236	Aquatic Life	8797	23530	0.026	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960256	Aquatic Life	8797	23530	0.013	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960260	Aquatic Life	8797	23530	0.011	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960268	Aquatic Life	8797	23530	0.011	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960270	Aquatic Life	8797	23530	0.017	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960272	Aquatic Life	8797	23530	0.098	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960284	Aquatic Life	8797	23530	0.006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960318	Aquatic Life	8797	23530	0.040	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25960320	Aquatic Life	8797	23530	0.042	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25960322	Aquatic Life	8797	23530	0.036	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974876	Aquatic Life	8788	23542	0.133	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974878	Aquatic Life	8788	23542	1.350	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974882	Aquatic Life	8788	23542	0.349	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974884	Aquatic Life	8788	23542	0.404	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974886	Aquatic Life	8788	23542	0.267	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974892	Aquatic Life	8788	23542	0.936	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974894	Aquatic Life	8786	23542	1.131	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974898	Aquatic Life	8786	23542	0.203	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974900	Aquatic Life	8786	23542	0.024	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974904	Aquatic Life	8786	23542	0.439	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974906	Aquatic Life	8786	23542	0.342	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Unnamed Tributary to Wissahickon Creek	25974908	Aquatic Life	8786	23542	1.422	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974960	Aquatic Life	8788	23542	0.011	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974990	Aquatic Life	8786	23542	0.009	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25975064	Aquatic Life	8788	23542	0.043	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25975066	Aquatic Life	8788	23542	0.024	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25975068	Aquatic Life	8786	23542	0.041	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974888	Aquatic Life	8787	23543	2.277	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974980	Aquatic Life	8787	23543	0.008	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; NUTRIENTS; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974922	Aquatic Life	8783	23547	0.472	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25974952	Aquatic Life	8783	23547	1.007	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25975008	Aquatic Life	8783	23547	0.009	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wissahickon Creek	25975020	Aquatic Life	8783	23547	0.006	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Unnamed Tributary to Wooden Bridge Run	25598853	Aquatic Life	10727	24453	0.113	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Wooden Bridge Run	25598859	Aquatic Life	10727	24453	0.664	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Unnamed Tributary to Wooden Bridge Run	25598973	Aquatic Life	10727	24453	0.288	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Walnut Run	61837303	Recreational	16460	23824	0.009	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Walnut Run	61837321	Recreational	16460	23824	1.041	Cambria	ESCHERICHIA COLI (E. COLI)	PATHOGENS	Refinement
Welch Run	123855775	Aquatic Life	1304	24360	1.201	Jefferson	IRON; SILTATION	METALS; PH	Refinement
Whites Run	102670035	Aquatic Life	7730	24396	0.777	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS	Refinement
Whites Run	102670127	Aquatic Life	7730	24396	0.486	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS	Refinement
Whites Run	102670243	Aquatic Life	7730	24396	0.585	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS	Refinement
Whites Run	102669867	Aquatic Life	7730	24396	0.007	Clarion	ALUMINUM; IRON; PH, LOW; SILTATION	METALS	Refinement
Willow Run	25960082	Aquatic Life	8801	23527	1.055	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960084	Aquatic Life	8801	23527	0.150	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960086	Aquatic Life	8801	23527	0.450	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960212	Aquatic Life	8801	23527	0.032	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960214	Aquatic Life	8801	23527	0.073	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960216	Aquatic Life	8801	23527	0.029	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25978922	Aquatic Life	8801	23527	0.396	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25979344	Aquatic Life	8801	23527	0.007	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	Refinement
Willow Run	25960050	Aquatic Life	8823	23528	0.226	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN	Refinement
Willow Run	25960248	Aquatic Life	8823	23528	0.006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN	Refinement
Willow Run	25979200	Aquatic Life	8823	23528	0.770	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN	Refinement
Willow Run	25979452	Aquatic Life	8823	23528	0.066	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN	Refinement
Wissahickon Creek	25978958	Aquatic Life	8811	23521	0.331	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25978960	Aquatic Life	8811	23521	0.037	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25978964	Aquatic Life	8811	23521	0.131	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Wissahickon Creek	25978978	Aquatic Life	8811	23521	0.221	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25978992	Aquatic Life	8811	23521	0.539	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25979024	Aquatic Life	8811	23521	1.395	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25979060	Aquatic Life	8811	23521	0.994	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25979380	Aquatic Life	8811	23521	0.023	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25979382	Aquatic Life	8811	23521	0.025	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25979384	Aquatic Life	8811	23521	0.065	Montgomery	DEWATERING; EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25960116	Aquatic Life	8797	23530	0.214	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25960234	Aquatic Life	8797	23530	0.039	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wissahickon Creek	25974902	Aquatic Life	8786	23542	0.274	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	Refinement
Wooden Bridge Run	25598855	Aquatic Life	10727	24453	0.545	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25598857	Aquatic Life	10727	24453	0.751	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25598861	Aquatic Life	10727	24453	0.280	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

Stream Name	COMID	Assessed Use	Previous AU	New AU	Length (miles)	County	New Cause(s)	Previous Cause(s)	Delisting Reason
Wooden Bridge Run	25598863	Aquatic Life	10727	24453	0.349	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25598865	Aquatic Life	10727	24453	0.259	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25598995	Aquatic Life	10727	24453	0.063	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25599069	Aquatic Life	10727	24453	0.881	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement
Wooden Bridge Run	25599203	Aquatic Life	10727	24453	0.019	Philadelphia	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; SILTATION	Refinement

APPENDIX A: SUPPORTING DOCUMENTATION FOR 2026 IR CAUSE CHANGES

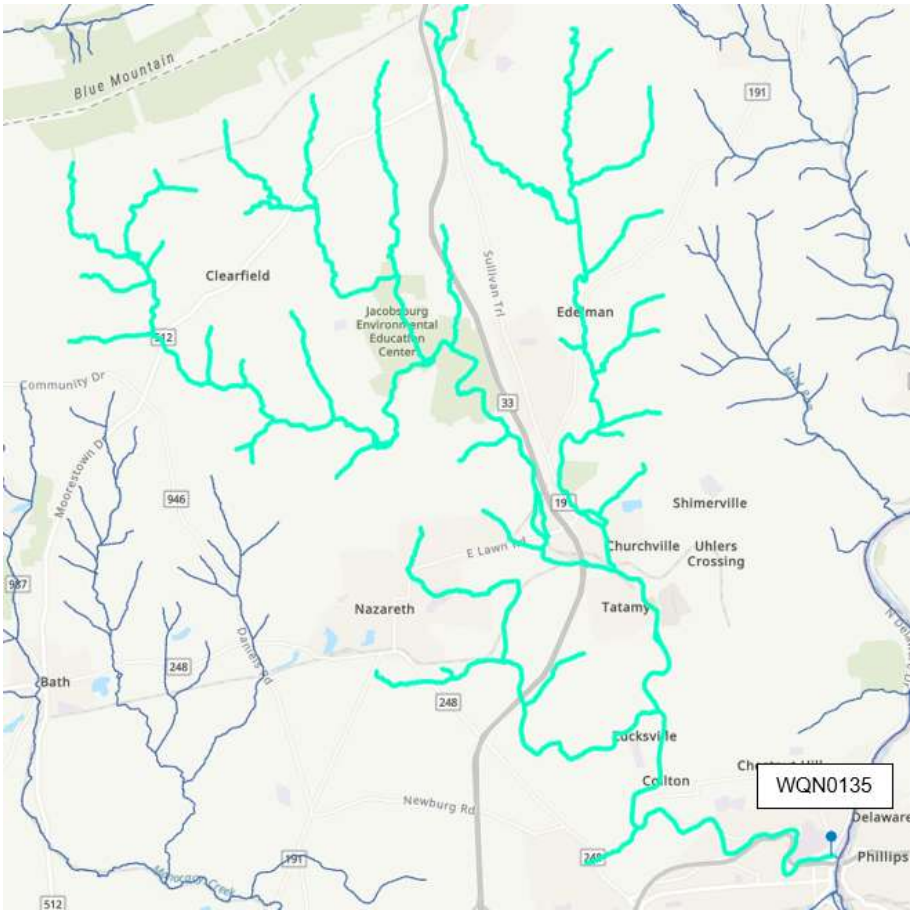
*Click on a waterbody name to jump to its location in the below document.

Waterbody Name

CAUSE REMOVAL JUSTIFICATION FOR
BUSHKILL CREEK

HUC: 02040105
DEP Stream Code: 04624
Assessed Use Category: Fish Consumption
USEPA Delisting Reason: WQS Listing Incorrect

Bushkill Creek Cause Removal



Old AU 22646: Atmospheric Deposition/Mercury (2022)
New AU 24183: Supporting Fish Consumption Use

Comments

The 2021 assessment listing Bushkill Creek as impaired for mercury was an error. The assessment was mistakenly entered into the database on the Bushkill Creek in Northampton County, PA. The data for that assessment was collected on Bush Kill in Pike County, PA. Therefore, mercury is being removed since there is no data to support the original listing. There is a 2014 fish tissue sample for mercury, below the impairment threshold of 0.26 ppm, collected in this watershed that supports the Fish Consumption use category.

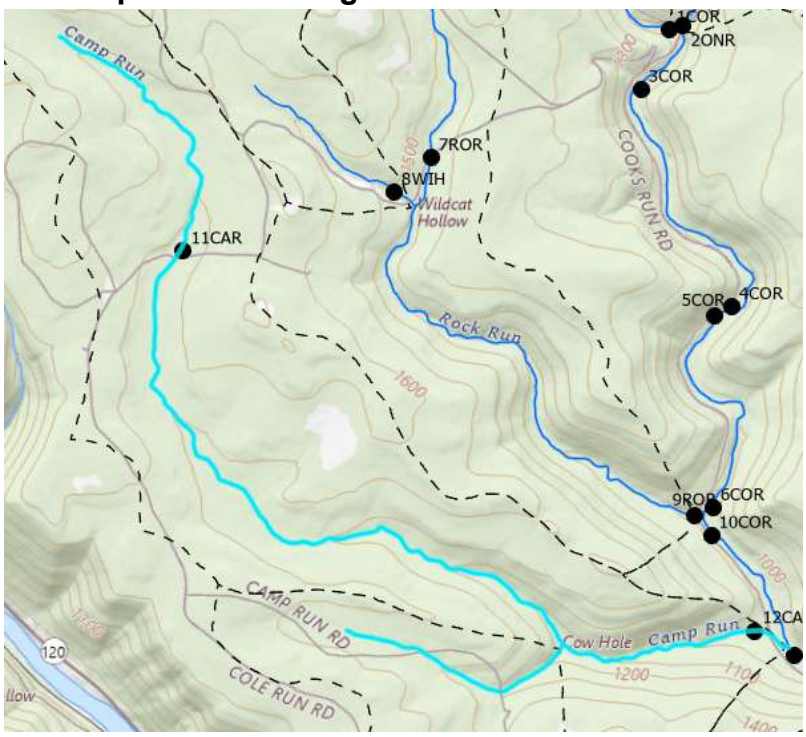
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	**WQN0135** 2014
Mercury in White Sucker Filet (ppm)	0.119

CAUSE REMOVAL JUSTIFICATION FOR
CAMP RUN (INCLUDING COW HOLE)

HUC: 02050203
DEP Stream Code: 23992, 23993
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities, Refinement

Camp Run Including Cow Hole Cause Removal



Old AU 10521: AMD/metals, AMD/pH
Old AU 10518: AMD/metals, AMD/pH, AMD/siltation
New AU 24391: Atmospheric Deposition/Low pH, Acid Mine Drainage/Low pH

Comments

Camp Run and Cow Run were listed on the Integrated List based on SSWAP data collected at one site at the mouth of Camp Run. AMD reclamation was completed in the watershed in 2019. Physicochemical and physical data collected as part of an ALU reassessment that was finalized in 2025 indicated that no metals were present and that all stations had total habitat scores and/or couplet summations (embeddedness + sediment deposition and/or condition of banks + bank vegetative protection) meeting assessment thresholds.

Table 1. Physicochemical data used to justify cause removal.

Cause Removal Info	11CAR		12CAR	
	Oct 2024	Mar 2025	Oct 2024	Mar 2025
Aluminum T (µg/L)	34.9	27.0	171.9	244.0
Iron T (µg/L)	109	<100	<100	119
Manganese T (µg/L)	11	< 10	313	120
Zinc D (µg/L)	< 5	< 5	17.1	12

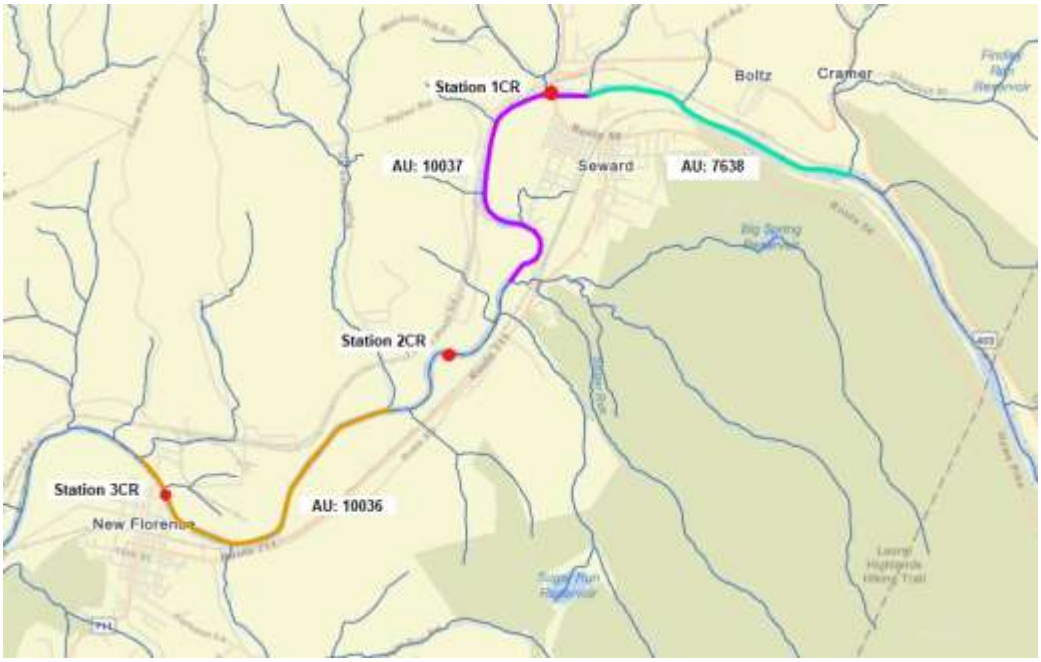
Table 2. Physical data used to justify cause removal.

Cause Removal Info	11CAR Nov 2024	12CAR Oct 2021
Embeddedness + Sediment Deposition	28	36
Condition of Banks + Bank Vegetative Protection	34	33
Total Habitat Score	191	200

CAUSE REMOVAL JUSTIFICATION FOR
CONEMAUGH RIVER

HUC: 05010007
DEP Stream Code: 43832
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Conemaugh River Cause Removal



Old AU 7638: AMD – Metals, TSS (1996)
Old AU 10037: AMD – Metals, TSS (1996); AMD – pH (2002)
Old AU 10036: AMD – Metals, pH (2002)
New AU 24376: AMD – Iron (legacy), Siltation

Comments

The Conemaugh River was previously listed as impaired in two separate segments. The upper segment near Seward was listed as impaired from Source (AMD) and Cause(s) (metals, pH and TSS). The segment near New Florence was listed as impaired from Source (AMD) and Cause(s) (metals and pH). Additional data from a 2022 DEP ICE survey (see Conemaugh River May 2022 Report) indicates that both segments are impaired for Source (AMD) and Causes(s) (siltation and legacy iron). Additional segments above, below, and in-between these segments will also be added as impaired for the same source and cause(s). A TMDL was completed for the original Conemaugh River impairment. This new data confirms the ALU impairment changes and the more recent water chemistry data does not support a TSS or pH cause of impairment (Table 1). IBI Scores at the three sampling reaches ranged from 24.9-31.9.

Table 1. Information and Samples Used to Justify Cause Removal.

Cause Removal Information	1CR	2CR	3CR
pH	6.9	6.9	6.9
TSS (mg/L)	< 20	< 20	< 20
Instream Habitat Couplet Score	24	20	24

CAUSE REMOVAL JUSTIFICATION FOR
COOKS RUN INCLUDING COLE RUN AND BECHTOL HOLLOW

HUC: 02050203
DEP Stream Code: 23988, 23991, 23990
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Cooks Run (from Camp Run to Crowley Hollow including Cole Run and Bechtol Hollow) Cause Removal

Old AU 10518: AMD/metals, AMD/pH, AMD/Siltation
New AU 24385: Supporting ALU

Comments

Cooks Run from Camp Run downstream to Crowley Hollow and tributaries Cole Run and Bechtol Hollow were listed on the Integrated List based on SSWAP data collected from one site at the mouth of Cooks Run. AMD reclamation was completed in the watershed in 2019. A single pH digression (5.9) was noted at 13COR in March 2025 and a single digression (5.5) was noted at 15COR in October 2024. pH was measured within the criteria at 13COR in October 2024 and at 15COR in March 2025. These single digressions alone do not provide sufficient evidence of a chronic condition, nor do they demonstrate that the frequency component of the pH criterion—99% of the time—was violated. Physicochemical and physical data collected as part of an ALU reassessment that was finalized in 2025 indicated that no metals were present. All stations had total habitat scores and/or couplet summations (embeddedness + sediment deposition and/or condition of banks + bank vegetative protection) meeting assessment thresholds.

Table 1. Physicochemical data used to justify cause removal.

Cause Removal Info	13COR		14COR		15COR	
	Oct 2024	Mar 2025	Oct 2024	Mar 2025	Oct 2024	Mar 2025
Aluminum T (µg/L)	96.1	110	30.8	50.5	62.1	97
Iron T (µg/L)	< 100	100	< 100	< 100	< 100	< 100
Manganese T (µg/L)	72	57	< 10	14	< 10	43
Zinc D (µg/L)	9.9	< 5	5.6	6.3	< 5	7.6
pH	6.0	5.9	6.2	6.0	5.5	6.0

Table 2. Physical and Biological data used to justify cause removal.

Cause Removal Info	13COR Nov 2024	15COR Oct 2021
Embeddedness + Sediment Deposition	34	34
Condition of Banks + Bank Vegetative Protection	36	35
Total Habitat Score	219	210
Macroinvertebrate IBI Score	93.6	84.1
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes

CAUSE REMOVAL JUSTIFICATION FOR CROOKS RUN

HUC: 05010005
DEP Stream Code: 49728
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Crooks Run Cause Removal

Old AU 7733: AMD/ Metals (1996)
New AU 24401: Acid Deposition/ pH Low

Comments

Crooks Run was listed on the 1996 Integrated List with the Source: Acid Mine Drainage and the Cause: Metals. There were no prior SSWAP or ICE surveys within the Crooks Run basin. The previous assessment included the Crooks Run basin due to the abundance of mining within watershed. An ALU reassessment was conducted in 2024 and included a habitat assessment along with macroinvertebrate, fish, and water chemistry sampling at 16CR (20240425-1045-jagrassi). Field water chemistry measurements were taken at 14aUNTLMC, 14UNTLMC, 15UNTLMC, and 16aCR (Table 1). Using the wadable freestone acidification assessment methods, it was determined that AMD/ Metals was not applicable, and the impairment should be changed to Acid Deposition/ pH Low. Total iron and total aluminum, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria (Table 1). The macroinvertebrate acid tolerance index score was greater than the impairment threshold

of 53. Additionally, the fish taxa list did not pass acidification screening questions with 0% of the individuals being considered acid intolerant.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	16CR (20240425-1045-jagrassi)	14aUNTLMC	14UNTLMC	15UNTLMC	16aCR
Macroinvertebrate IBI Score	87.6				
Passed Macroinvertebrate Qualifier Questions?	No				
Macroinvertebrate ATI Score	57.5				
Instream Habitat Score	25				
Bank Habitat Score	37				
Total Habitat Score	201				
pH	6.39	6.65	5.04	6.72	5.24
Total Iron (µg/L)	108				
Total Aluminum (µg/L)	86				

CAUSE REMOVAL JUSTIFICATION FOR
UNTS TO DELAWARE RIVER

HUC: 02040104
DEP Stream Code: 00002
Assessed Use Category: Fish Consumption
USEPA Delisting Reason: Delisting Orig Incorrect

UNTs to the Delaware River Cause Removal

Old AU 16834: Source Unknown/Mercury (2002)
New AU: There is no data to make an assessment. Segments are unassessed for the Fish Consumption Use category.

Comments
The fish consumption assessment 16834 was entered in 2012 on a large portion of the mainstem Delaware River. The segments highlighted in yellow, on the above map, were accidentally included in this assessment most likely due to user error and the limitations of creating large assessments in the database. Assessment 16834 was archived in 2015 and replaced by assessment 18971, however, the above segments were missed in the archiving process since the new assessment correctly did not include them. The cause of impairment is being removed from these segments and they will be left unassessed for the fish consumption use category since there is and was never any data to support an assessment.

CAUSE REMOVAL JUSTIFICATION FOR
DUTCH FORK LAKE

HUC: 05030101
Reachcode: 05030106001788
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Dutch Fork Lake Cause Removal

Old AU 3095: Source Unknown/pH (2002)
New AU 4719: Agriculture/Eutrophication

Comments

The pH was between our standard of 6.0 to 9.0 at all six samples collected in 2019. The pH of Station 1 max median = 8.05, pH Station 1 min median = 7.13, Station 2 max median = 8.52, Station 2 min median = 7.68. DO in epilimnion during summer was >5.0 mg/L at both stations. Alkalinity Station 1 min = 127.8mg/L, Station 2 min = 131mg/L. Overall TSI = 62.99, eutrophic. We have several chl-a values over 40. The assessment method describes that any single sample over 40 is grounds for impairment. The plankton data is dominated by Diatoms, and Flagellates/Cilliates in most of the samples. Hypereutrophic conditions were observed in the spring and fall TSI samples. A report detailing Dutch Fork Lake survey can be found within the DEP stream file. Excerpts of specific data referenced are below.

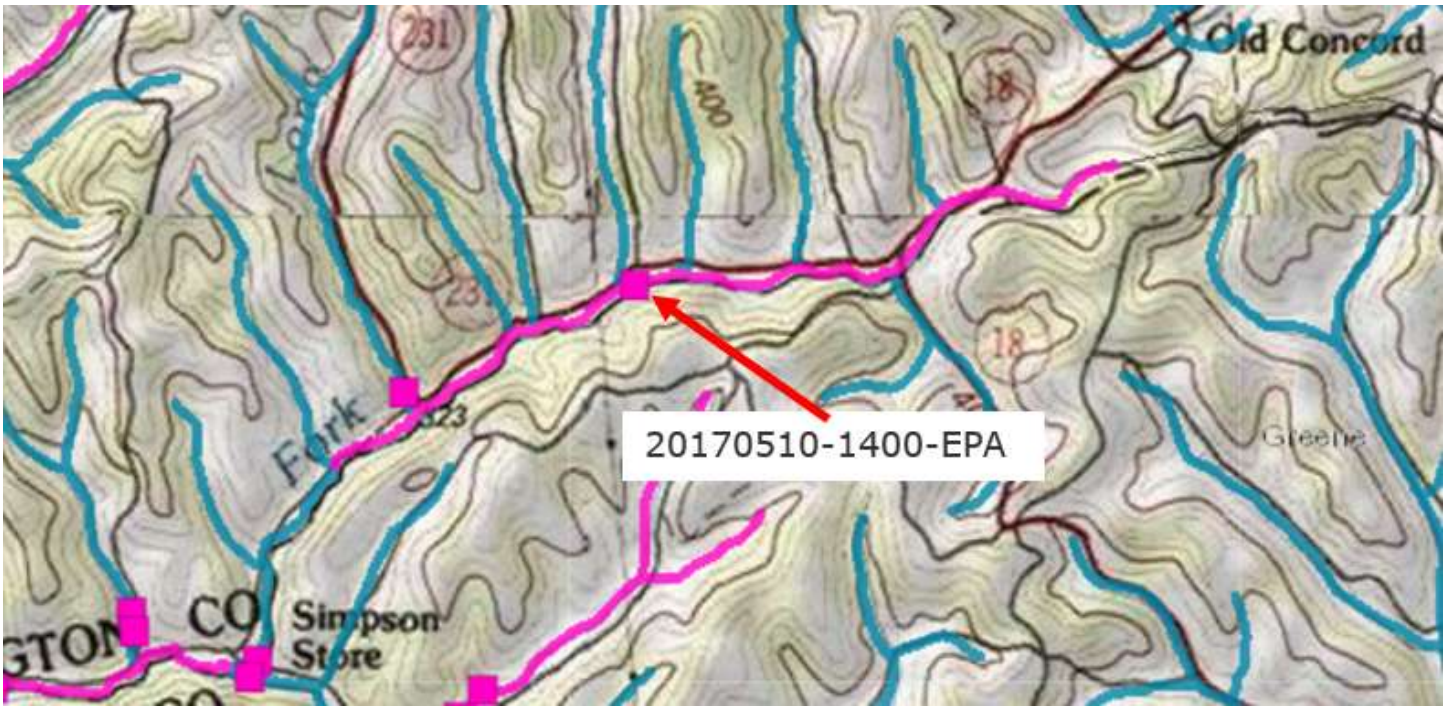
Table 1. Median pH values by season at WQNL710

	Median pH Values		
Station	**Spring (2019-04-10)**	**Summer (2019-07-25)**	**Fall/Winter (2019-10-29)**
WQNL710 Station 1	8.05	7.13	7.27
WQNL710 Station 2	8.52	7.86	7.68

CAUSE REMOVAL JUSTIFICATION FOR
ENLOW FORK

HUC: 05030106
DEP Stream Code: 32644
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Enlow Fork Cause Removal



Old AU 1462: Source Subsurface (Hardrock) Mining, Cause Habitat Alterations and Siltation (2002)
New AU 24427: Supporting Aquatic Life Use.

Comments

The mainstem of Enlow Fork from its headwaters to UNT 32764 was listed on the 2002 Integrated Report for habitat alterations and siltation. A reassessment of Enlow Fork was conducted in 2017 by the EPA's Freshwater Biology Team. Results indicated that the stream is now supporting the Aquatic Life Use (Table 1). The old habitat alteration and siltation impairment did not have any previous data to support the impairment. The original listing used the family level SSWAP sampling protocol and was based only on field observations and that location was several miles downstream. The new data collected in 2017 was in the previous impaired location to better capture representativeness.

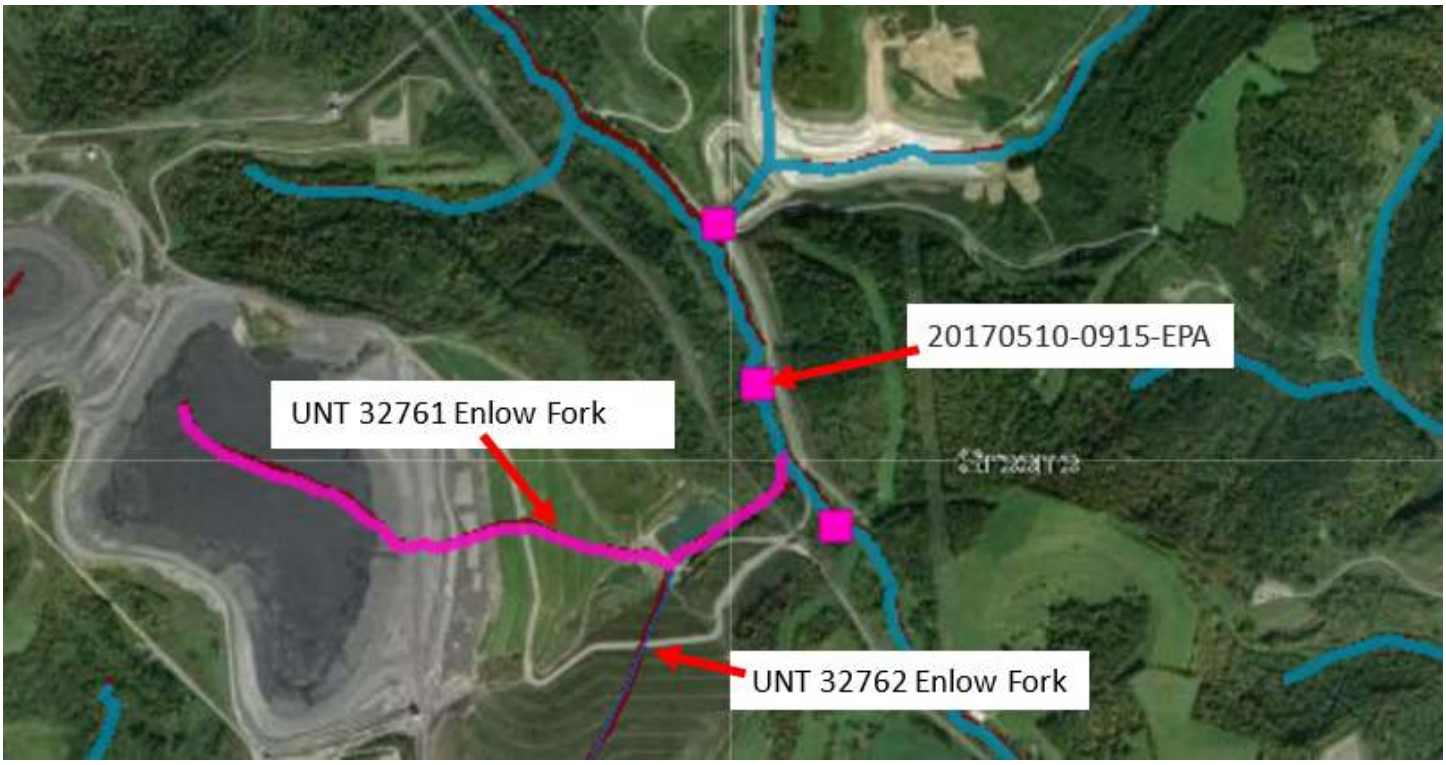
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20170510-1400-EPA
Macroinvertebrate Score	52.9

CAUSE REMOVAL JUSTIFICATION FOR
UNT 32761 ENLOW FORK

HUC: 05030106
DEP Stream Code: 32761
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT 32761 Enlow Fork Cause Removal



UNT 32761 of Enlow Fork headwaters to mouth was impaired for:
Old AU 15638: Source Subsurface (Hardrock) Mining, Cause Non-Native Fish/Shellfish/Zooplankton, Total Dissolved Solids (TDS), and Osmotic Pressure (2012).

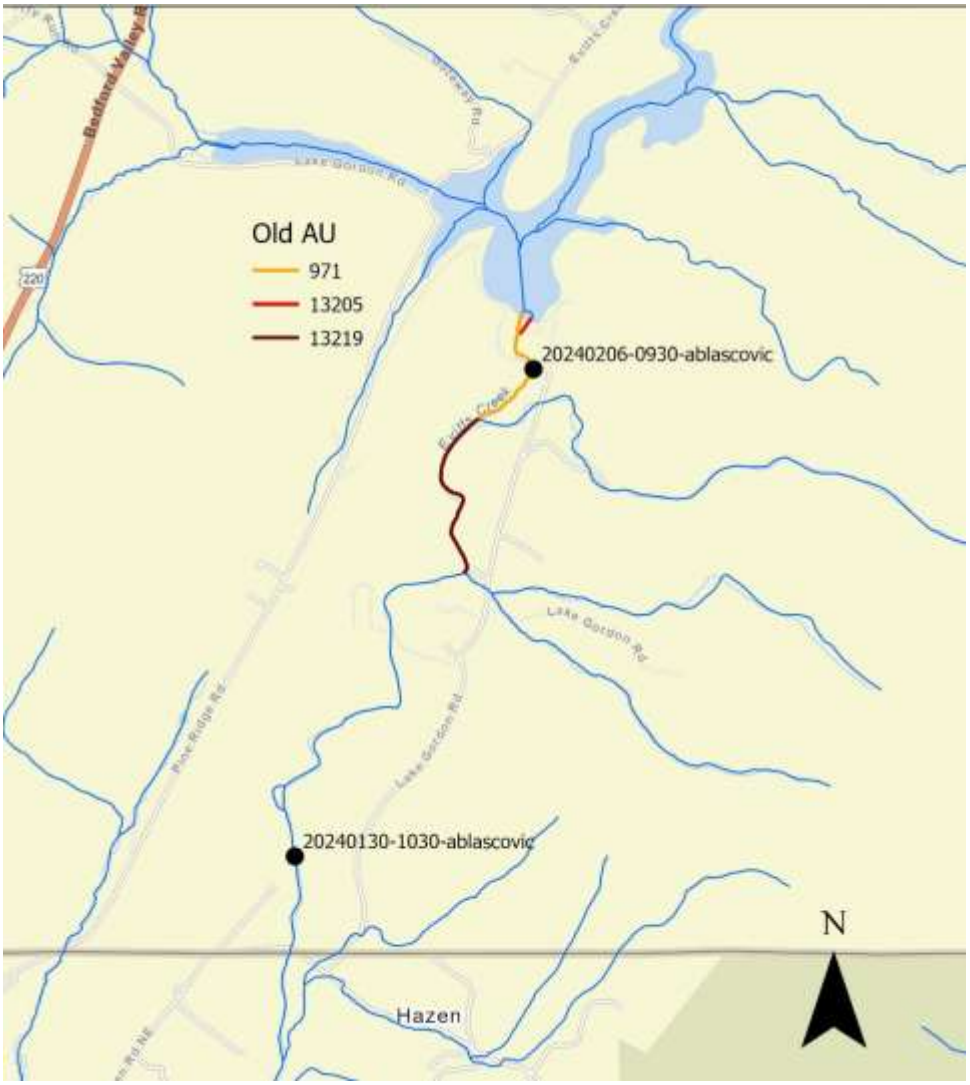
UNT 32761 of Enlow Fork and UNT 32762 of Enlow Fork are now Impaired for:
New AU 24429: Source Subsurface (Hardrock) Mining, Cause Stream Modification (2026)

Comments
A reassessment of UNT 32761 and UNT 32762 of Enlow Fork was conducted in 2017 by the EPA's Freshwater Biology Team. Results indicated that the stream is now gone, a spoil pile is there, and the stream is piped and discharged to the next tributary downstream (UNT 32753 Enlow Fork). The old impairments did not have any previous data to support them, and since the stream no longer exists, Stream Modification is a more accurate cause of impairment.

CAUSE REMOVAL JUSTIFICATION FOR
EVITTS CREEK (LOWER MAINSTEM)

HUC: 02070002
DEP Stream Code: 61709
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: Refinement and WQS New Data

Evitts Creek Cause Removal



Old AU 971: Impacts From Hydrostructure Flow Regulation/Modification / Thermal Modifications, Impacts From Hydrostructure Flow Regulation/Modification / Flow Regime Modification (2002)
Old AU 13205: Dam or Impoundment / Cause Unknown (2008)
Old AU 13219: Dam or Impoundment / Cause Unknown, Source Unknown / Cause Unknown (2008)
New AU 24319: Supporting ALU

Comments
Evitts Creek was listed on the 2002 and 2008 Integrated Lists based on SSWAP observations. An ALU reassessment was done in 2024 that resulted in supporting IBI scores (67 and 65) and no impaired habitat (Table 1).

Old AU 971 consisted of two stream segments that together total 0.39 mile. The previous assessment indicated the water was warmer than other streams, but that temperature was not measured. The thermal modification cause was removed because the original listing was not based on actual temperature data and because there are no heated discharges anywhere on Evitts Creek. Thermal modification causes are generally associated with heated discharges. The flow regime modification cause was localized and was not representative of the entire reach. Current assessment methodology requires a minimum 0.5-mile reach length. New data supports removing both impairment listings, and confirms the entire reach is supporting the ALU.

Old AU 13205 consisted of a single stream segment that is 0.06 mile. The unknown cause had no actual data to support the listing, was not representative of the entire reach, and new data confirms the entire reach is supporting the ALU.

Old AU 13219 consisted of a single segment that is 0.51 mile. The previous assessment indicated that the stream was impaired because it was “lake outflow” and it was also receiving flow from the water treatment plant discharge on the adjacent unnamed tributary (61748). New AU 24289 established that the treatment plant is in compliance and the chlorine and deposition in the tributary observed in the 1990s are no longer present today. The 2024 data (both upstream and downstream) of the 2008 unknown cause impairments support removing both listings and confirms that the mainstem of Evitts Creek from the Lake Gordon dam to the PA-MD line is supporting the ALU.

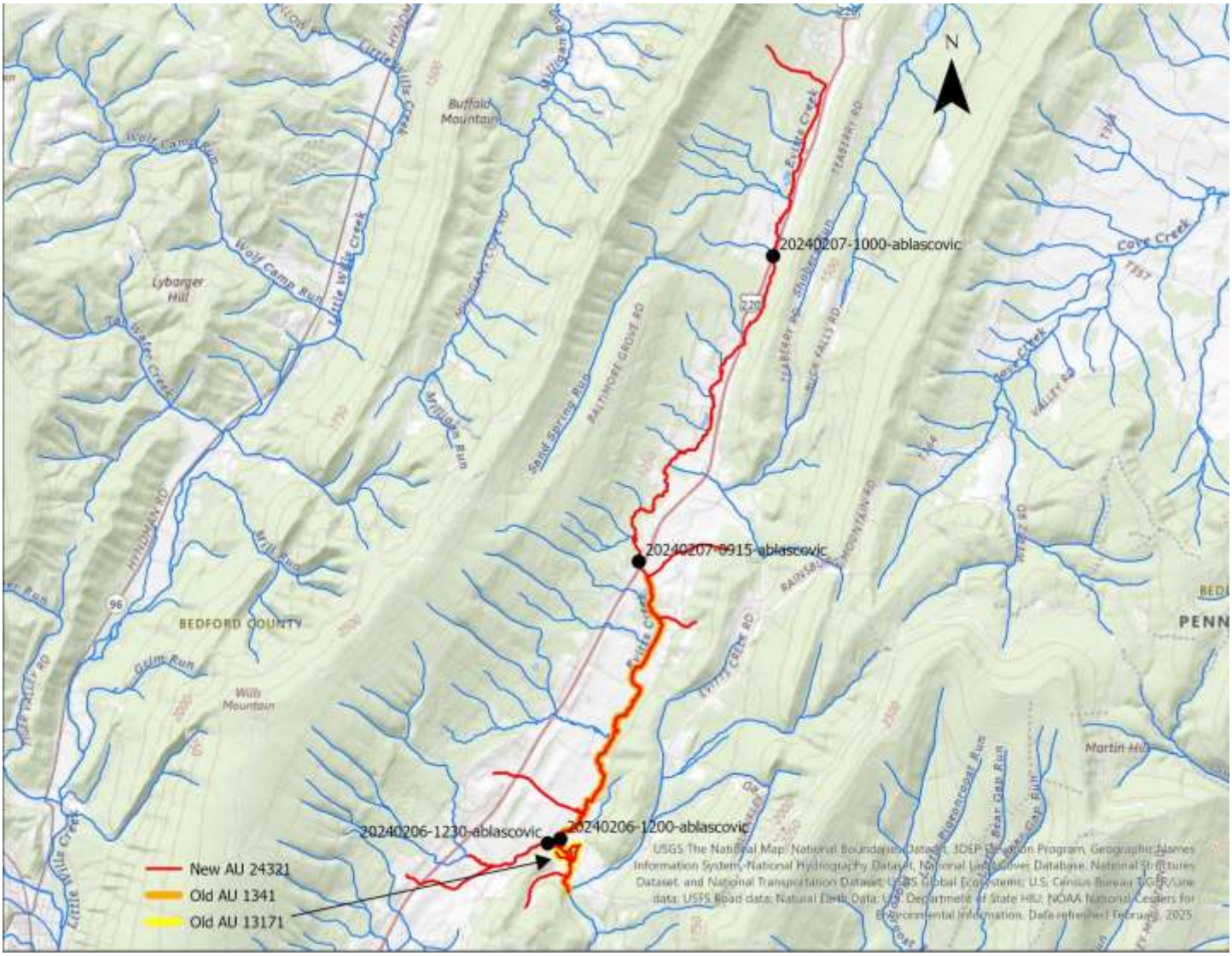
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20240130-1030-ablascovic	20240206-0930-ablascovic
Macroinvertebrate Score (large IBI)	67	65
Instream Habitat Score	31	33
Bank Habitat Score	27	33
Total Habitat Score	197	218

CAUSE REMOVAL JUSTIFICATION FOR
EVITTS CREEK (UPPER MAINSTEM)

HUC: 02070002
DEP Stream Code: 61709
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Evitts Creek Cause Removal



Old AU 1341: Agriculture / Nutrients (2002)
Old AU 13171: Agriculture / Siltation (2008)
New AU 24321: Agriculture / Siltation (2008)

Comments

Evitts Creek was listed on the 2002 and 2008 Integrated Lists. The original nutrient listing was based on SSWAP comments and “best professional judgement” in the field. A TMDL was written and approved in 2019 for the headwaters portion of the Evitts Creek Watershed. The TMDL was established to address nutrients and siltation and was based on the entire 12,896-acre watershed upstream of White Church Lane.

An ALU reassessment was done in 2024. The results concluded that the segments previously listed in 2002 and 2008 are impaired by siltation, and that the impairment continues upstream on the mainstem and includes several other small tributaries. The results also concluded that nutrients are not a cause of impairment. Water chemistry data showed low concentrations of N and P at each station and the draft Eutrophication Tolerance Index showed low potential/probability of eutrophication as a cause. The new data from 2024/2025 supports removing the nutrient impairment, but also clearly shows sediment to be the driving impairment cause as seen in reduced instream habitat scores and reduced macroinvertebrate IBI scores.

Old AU 1341 consisted of Evitts Creek mainstem from about White Church Lane upstream to about Calamont Road. Old AU 13171 added some very short flowlines near White Church Lane. New AU 24321 brings both old AUs together and adds the rest of the mainstem up to the headwaters which was described in the 2019 TMDL report.

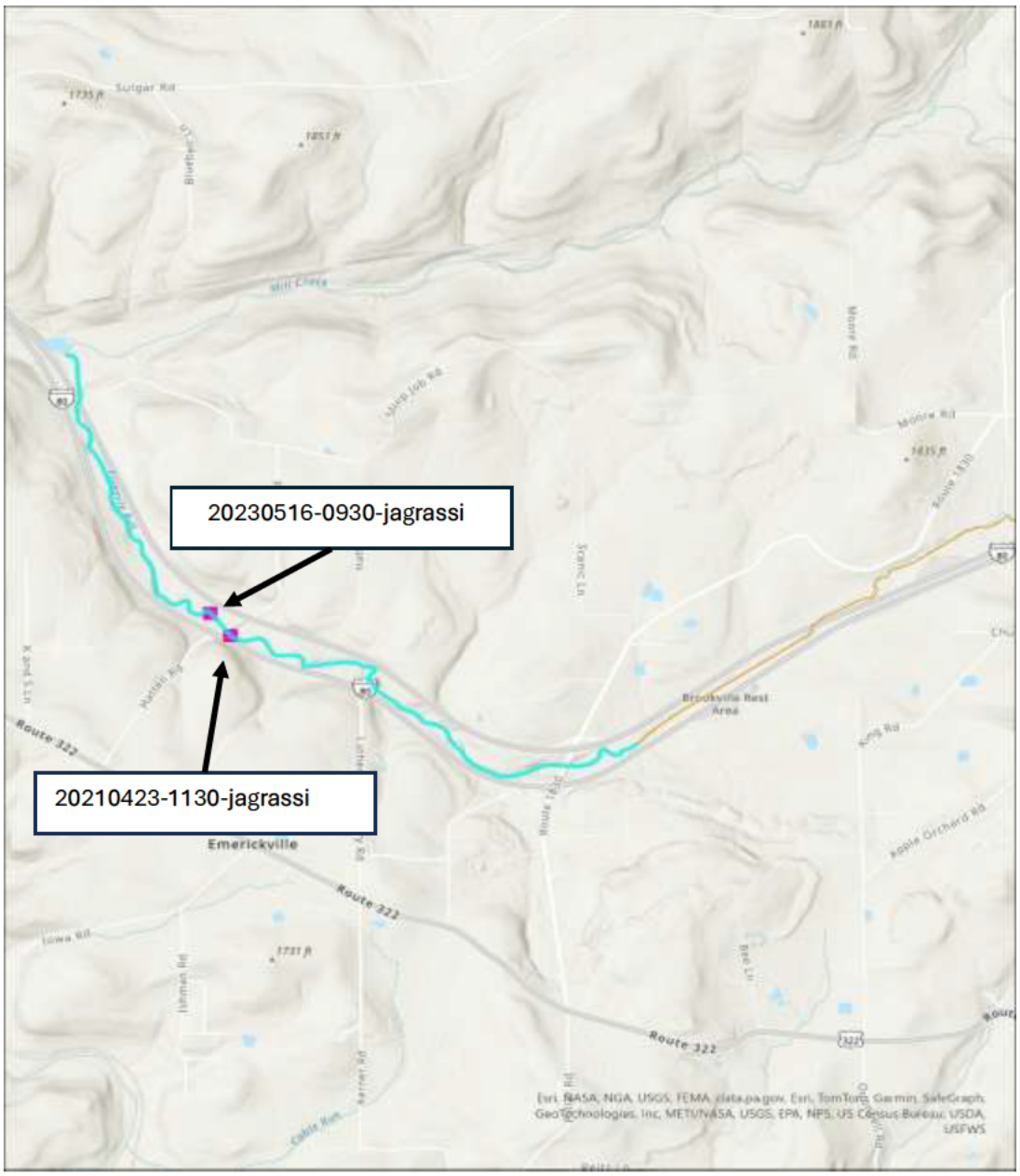
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	**20240130-1030-ablascovic**	**20240207-0915-ablascovic**	**20240207-1000-ablascovic**	**20240206-1230-ablascovic**
Macroinvertebrate IBI Score	61	59	61	64
Instream Habitat Score	15	21	22	22
Bank Habitat Score	25	18	27	28
Total Habitat Score	151	179	188	165
T Nitrogen (mg/L)	0.8	0.7	0.54	0.66
T Phosphorus (mg/L)	0.011	<0.01	<0.01	0.012
Draft ETI score	7.1	6.9	6.2	6.7

CAUSE REMOVAL JUSTIFICATION FOR FIVEMILE RUN

HUC: 5010006
DEP Stream Code: 48585
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Fivemile Run Cause Removal



Old AU 8476: Package Plant or Other Permitted Small Flow Discharges/ Organic Enrichment Package Plant or Other Permitted Small Flow Discharges/ Nutrients
New AU 24157: Supporting ALU

Comments

This section of Fivemile Run was listed on the 1998 Integrated List as impaired for Source: Package Plant or Other Permitted Small Flow Discharges and the Causes: Organic Enticement and Nutrients. This original listing was based off multiple SSWAP surveys within the Fivemile Run basin. A more recent ALU reassessment was conducted and included two sampling locations within this previously impaired reach. This reassessment effort included macroinvertebrate collections, habitat assessments, and a discrete physiochemistry water sample. Data collections from this reassessment effort did not support the original impairment decisions. The macroinvertebrate IBI scores and overall habitat assessments showed supporting conditions. The instream couplet score at the downstream station was lower than the impairment threshold but it was determined that this was not a reason for additional impairment. The discrete physiochemistry water sample indicated that elevated nutrients were no longer present (Table 1). Using the Water Quality Index (WQI) tool, the water sample scored 73 which is considered a rating of average. Additionally, the SWQI grouped with agriculture which is consistent with the land use. Organically enriched conditions were also not observed during this reassessment with the observed macroinvertebrate taxa consisting of predominately of pollution sensitive individuals (Table 1).

Table 1. Information and samples used to justify cause removal.

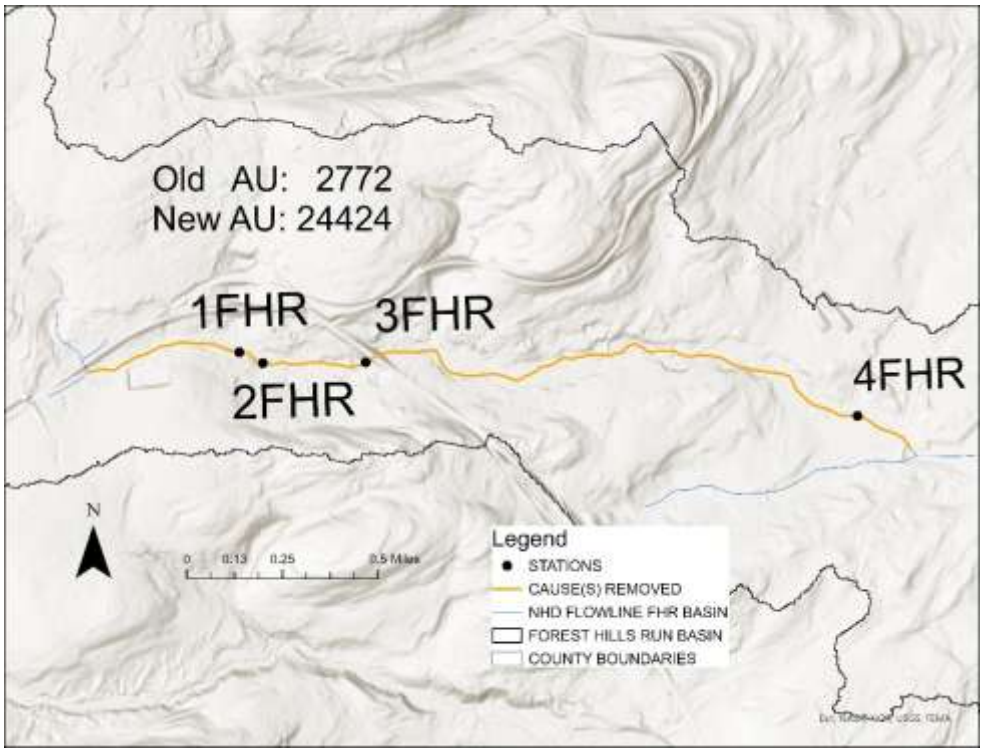
Cause Removal Information	20210423-1130-jagrassi	20230516-0930-jagrasi
Macroinvertebrate Score	76.5	64.9
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes
Instream Habitat Score	28	23
Bank Habitat Score	26	27
Total Habitat Score	162	160
WQI	-	73
Total Nitrogen (mg/L)	-	0.51
Dissolved Nitrogen (mg/L)	-	0.480
Total Ammonia (mg/L	-	<.02 (U)
Dissolved Ammonia (mg/L)	-	<.02 (U)
Total Nitrite (mg/L)	-	<0.04 (U)
Total Nitrate (mg/L)	-	0.46
Dissolved Nitrite + Nitrate (mg/L)	-	0.48
Total Phosphorus (mg/L)	-	<.01 (U)
Dissolved Phosphorus (mg/L)	-	<0.01 (U)
Dissolved Ortho Phosphorus (mg/L)	-	<.01 (U)
Total Ortho Phosphorus (mg/L)	-	<0.01 (U)

* (U) - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported

CAUSE REMOVAL JUSTIFICATION FOR
FOREST HILLS RUN

HUC: 02040104
DEP Stream Code: 04953
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Forest Hills Run Cause Removal



Old AU 2772:

- Urban Runoff/Storm Sewers – Thermal Modifications (2002)
- Highway/Road/Bridge Runoff (Non-Construction Related) – Thermal Modifications (2002)
- Municipal Point Source Discharges – Organic Enrichment, Metals (2002)

New AU 24424:

- Urban Runoff/Storm Sewers – Chloride

Comments

The Department of Environmental Protection (DEP) conducted an assessment of the Forest Hills Run mainstem from Unnamed Tributary (UNT) 04969 in the headwaters to the confluence with Swiftwater Creek in 2024 as part of routine monitoring and assessment efforts. The Forest Hills Run Basin is currently designated High Quality Waters – Cold Water Fishes, Migratory Fishes (HQ-CWF, MF) at 25 Pa. Code § 93.9c.

Water chemistry data collected from 1985 through 2025 at stations 1FHR, 2FHR, 3FHR, and 4FHR, macroinvertebrate, fish, and/or physical habitat data collected in 2022 and 2025 at stations 2FHR, 3FHR, and/or 4FHR indicated that these reaches of Forest Hills Run mainstem were impaired.

- The 2022 and 2025 discrete chemical data identified spatial increases in chloride between stations 1FHR and 2FHR, and again – with the exception of March 12th, 2025 – between 2FHR and 3FHR. These data indicated an impairment due to cause – Chloride.

- 2022 and 2025 discrete chemical analyses did not result in digressions of any metals at stations 1FHR, 2FHR, 3FHR, or 4FHR, which supported removing cause – Metals.
- 2022 discrete physicochemical analyses did not indicate an impairment due to cause Organic Enrichment at stations 1FHR, 2FHR, 3FHR, or 4FHR, which supported removing cause – Organic Enrichment within these reaches Forest Hills Run.
- 2022 temperature data analyses, during the summer precipitation events when MPMA WWTP was discharging via spray irrigation, indicated relatively small temperature increases between 3FHR and 4FHR, which was subsequently attributed to stormwater runoff. However, the 2022 fish community assessment, using the TFI, did not indicate an impairment at 4FHR. These data suggested the cooling system installed and in-use by MPMA WWTP beginning in December of 2020 may be improving fish habitat. While 2025 field temperature data show a significant increase at Station 3FHR on March 4th and increases at stations 2FHR and 3FHR on March 12th, this was attributed to the influence of groundwater surfacing to Forest Hills Run. These data supported removing cause – Thermal Modifications.

Table 1. Information and samples at Station 2FHR used to justify cause removal.

CAUSE REMOVAL PARAMETER	UNITS	2022						2025	
		JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	MARCH 4	MARCH 12
ALUMINUM D	µg/L	26.1	15.7	< 15	27.4	22.3	< 15	<15.0	17.727
ALUMINUM T	µg/L	35.6	19.6	< 15	32.5	36.3	19.7	16.356	26.613
CHLORIDE	mg/L	126.93	146.92	148.61	96.06	234.8	124.7	85.1	177
COPPER D	µg/L	< 0.8542	< 0.8542	2.04	< 0.8542	1.17	< 0.5763	<0.7498	1.407
COPPER T	µg/L	< 0.8542	4	1.56	0.936	1.13	< 0.5763	0.778	1.314
IRON D	µg/L	< 100	< 100	< 100	< 100	< 100	< 100	<100.0	<100.0
IRON T	µg/L	< 100	120	< 100	< 100	< 100	< 100	<100.0	<100.0
LEAD D	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	<1.00	<1.00
LEAD T	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	<1.00	<1.00
MANGANESE D	µg/L	15	10	11	15	11	< 10	<10.0	21
MANGANESE T	µg/L	22	11	10	17	11	< 10	<10.0	22
NICKEL D	µg/L	< 50	< 50	< 50	< 50	< 8	< 8	<8.00	<8.00
NICKEL T	µg/L	< 50	< 50	< 50	< 50	< 8	< 8	<8.00	<8.00
TEMPERATURE	°C	12.7	14	14.5	14	11.1	9	0.3	3.7
ZINC D	µg/L	-	-	-	-	39.2	47.2	<5.00	<5.00
ZINC T	µg/L	-	-	-	-	28	62.2	<5.00	<5.00

Table 2. Information and samples at Station 4FHR used to justify cause removal.

CAUSE REMOVAL PARAMETER	UNITS	2022						2025	
		JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	MARCH 4	MARCH 12
ALUMINUM D	µg/L	22.1	< 15	< 15	< 15	< 15	< 15	<15.0	<15.0
ALUMINUM T	µg/L	31.8	20.9	< 15	< 15	< 15	< 15	<15.0	<15.0
CHLORIDE	mg/L	82.12	101.11	107.78	77.47	87.2	89.8	114.6	91.5
COPPER D	µg/L	< 0.8542	< 0.8542	1.32	< 0.8542	0.915	0.643	2.461	1.81

CAUSE REMOVAL PARAMETER	UNITS	2022						2025	
		JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	MARCH 4	MARCH 12
COPPER T	µg/L	1.08	< 0.8542	1.27	< 0.8542	1	< 0.5763	3.045	0.988
IRON D	µg/L	< 100	< 100	< 100	< 100	< 100	< 100	<100.0	<100.0
IRON T	µg/L	< 100	< 100	< 100	< 100	< 100	< 100	<100.0	<100.0
LEAD D	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	<1.00	<1.00
LEAD T	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	<1.00	<1.00
MANGANESE D	µg/L	10	< 10	12	< 10	< 10	< 10	<10.0	<10.0
MANGANESE T	µg/L	11	10	12	11	< 10	< 10	<10.0	<10.0
NICKEL D	µg/L	< 50	< 50	< 50	< 50	< 8	< 8	<8.00	<8.00
NICKEL T	µg/L	< 50	< 50	< 50	< 50	< 8	< 8	<8.00	<8.00
TEMPERATURE	°C	13	15.8	17.1	14.8	11.2	8.5	2	4
ZINC D	µg/L	-	-	-	-	21.6	27.5	31.81	11.1
ZINC T	µg/L	-	-	-	-	31.2	32.2	30.618	11.100

Table 3. 2022 Eutrophication Analysis at Station 4FHR.

Month	Diel DO Swing p75 (mg/L)[1]	Diel Swing Corr. pH[2]	Diel Swing Corr. Temp[3]
June	0.52	-0.2	0.94
July	0.42	0.13	0.77
August	0.41	0.24	0.64
September	0.43	-0.31	0.78
October	0.72	0.15	0.78

[1] Monthly Diel DO Swing p75 Benchmark Values, Physiographic Region B
May-June > 1.4
July-August > 1.3
Sept.-Oct. > 1.5

[2] Monthly Diel DO Swing-Diel pH Swing Threshold > 0.66

[3] Monthly Diel DO Swing-Diel Water Temperature Swing Threshold < 0.61

Table 4. TFI information from Station 4FHR used to justify cause removal.

THERMAL PREFERENCE	COMMON NAME	SCIENTIFIC NAME	STATION 4FHR
Cool	American Eel	*Anguilla rostrata*	-
Warm	Bluegill	*Lepomis macrochirus*	-
Cold	Brook Trout (wild)	*Salvelinus fontinalis* (wild)	1
Cold-Cool	Brown Trout (wild)	*Salmo trutta* (wild)	58
Cool	E. Blacknose Dace	*Rhinichthys atratulus*	-
Cool	Longnose Dace	*Rhinichthys cataractae*	-
Cool-Warm	Pumpkinseed	*Lepomis gibbosus*	-
Cold	Slimy Sculpin	*Cottus cognatus*	31
Cool	White Sucker	*Catostomus commersonii*	-
	Taxa Richness		3
	Total Individuals		90
	TFI[1]		**3.3**

[1] In drainage area group FS<40, a TFI score > 4.8 = Impaired.

CAUSE REMOVAL JUSTIFICATION FOR
GLANRAFFAN CREEK

HUC: 02040203
DEP Stream Code: 00901
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Glanraffan Creek Cause Removal

Old AU 7506: Unknown/Metals (1996), Unknown/TSS (1996)
New AU 23884: Urban runoff/Siltation, Urban runoff/Flow Regime Modification, Habitat Alterations/Habitat Modification

Comments
Glanraffan Creek was listed as impaired for Metals and TSS based on previous surveys including physicochemical data. A passive treatment system was installed to capture the groundwater seep from a historic landfill. An ALU reassessment was completed between 2022-2024 that resulted in impaired IBI and habitat scores but supporting physicochemical data (Table 1).

Table 1. Information and samples used to justify cause removal.

Cause Removal Info	1GC			2GC		
	8/26/2024	**9/4/2024**	**9/16/2024**	**8/26/2024**	**9/4/2024**	**9/16/2024**
Aluminum Total (µg/L)	43.471	36.833	66.7	18.736	<15	19.2
Iron Total (µg/L)	<100	<100	235	<100	<100	<100
Iron Dissolved (µg/L)	<100	<100	<100	<100	<100	<100
Manganese Total (µg/L)	17	19	33	19	19	18
pH	7.48	7.46	7.46	7.76	7.89	8.00
TSS (mg/L)	<8	<8	<8	<8	<8	<8

CAUSE REMOVAL JUSTIFICATION FOR
GREEN LICK RUN

HUC: 05020006
DEP Stream Code: 37946
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

Green Lick Run Cause Removal

Old AU 6815: Dam or Impoundment / Flow Regime Modification (2006)
New AU 24280: Ag / Siltation (2026), Habitat Modification / Habitat Alterations (2026)

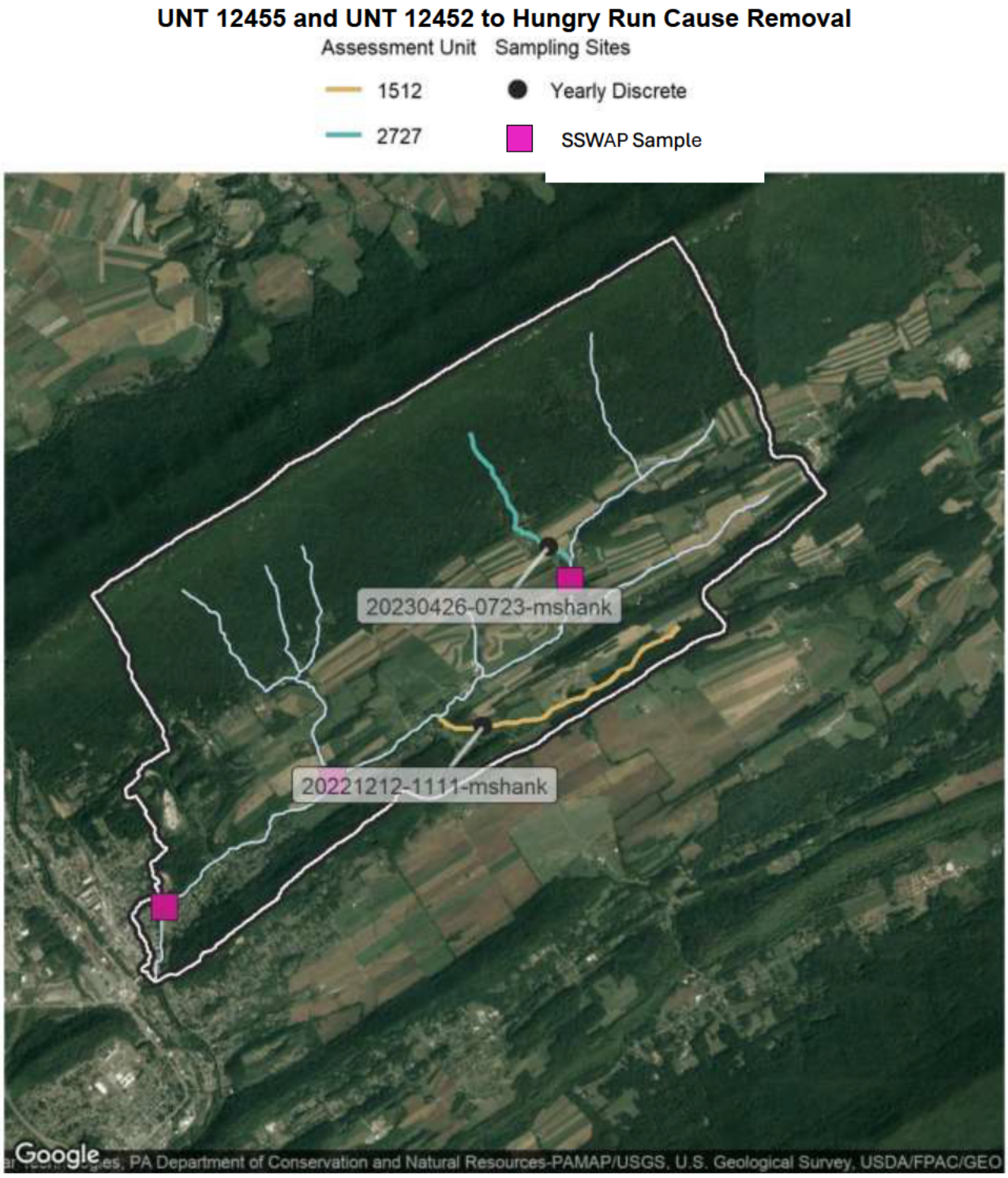
Comments

The Green Lick Run watershed was originally assessed in 2004 using the SSWAP sampling protocol. The entire basin was found to be supporting except for a small section at the mouth which was listed on the 2006 Integrated Report (IR) as impaired for flow regime modification due to the Green Lick Reservoir. A reassessment of the watershed was conducted between 2020-2023. While much of the watershed is still supporting, this recent data showed siltation and habitat alterations are impairing some of the watershed including the previously impaired section. The original impairment of flow regime modification was determined to be inappropriate based on current assessment methods. The section of stream below the reservoir is only 0.38 miles long, less than the half mile requirement for an assessment, and is considered a localized impact due to the reservoir. Therefore, flow regime modification will be removed from this segment and this small segment will be included in the larger assessment of Green Lick Run that will be listed as impaired on the 2026 IR for siltation and habitat alterations.

CAUSE REMOVAL JUSTIFICATION FOR HUNGRY RUN

HUC: 02050304
DEP Stream Code: 12448
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT 12455 and UNT 12452 to Hungry Run Cause Removal



Old AU 2727: UNT 12455 Agriculture – Siltation (2002)
New AU 23750: UNT 12455 Supporting ALU;

Old AU 1512: UNT 12452 Agriculture – Siltation; Agriculture – Nutrients (2002)
New AU 23751: UNT 12452 Agriculture – Habitat Alterations; Rural (Residential Areas) – Habitat Alterations

Comments
The Siltation impairment cause will be removed from UNT 12455 and UNT 12452. These streams were listed on the 2002 Integrated List based on an SSWAP survey that noted 'very entrenched, vertical banks eroding, heavy silt load' and had an SSWAP IBI score of 41.7 (most upstream pink square in map above). Data were collected for an ALU reassessment in 2023 at a finer spatial resolution that resulted in a supporting physical habitat and instream couplet scores. UNT 12455 is now supporting due to the majority of macroinvertebrate samples over the past 10 years having a supporting IBI score and passing all qualifier questions. UNT 12452 remains impaired. Although the macroinvertebrate sample was supporting, the Thermal Fish Index score was impaired. The impaired bank couplet score resulted Habitat Alterations cause.

Table 1. Information and Samples Used to Justify Cause Removal.

	20230426-0723-mshank[1]	**20221212-1111-mshank[2]**
Wadeable Freestone Macroinvertebrate IBI Score	53.9	55.5
Passed Macroinvertebrate Qualifier Questions?	N[3]	Y
Thermal Fish Index Score	-	6.0
Total Habitat Score[1]	181	160
Instream Couplet Score	26	27
Bank Couplet Score	27	19

[1] Station 2UNTHR, UNT 12455
[2] Station 5UNTHR, UNT 12452
[3] Sample 20230426-0723-mshank at station 2UNTHR did not pass Qualifier Questions, but the supporting assessment decision was based on a weight of evidence for all data collected at the station, which is explained further in the Protected Use Assessment section of the report.

HUC: 02050304
DEP Stream Code: 12448
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Old AU 1512: Agriculture – Siltation (2002); Agriculture – Nutrients (2002)
Old AU 1558: Agriculture – Siltation (2002); Agriculture – Nutrients (2002)
New AU 23751: UNT 12452 Agriculture – Habitat Alterations; – Rural (Residential Areas) – Habitat Alterations

New AU 23752: Hungry Run – source to UNT 12452, including UNT 12453 downstream of UNT 12455 Agriculture – Siltation
New AU 23753: Hungry Run – from UNT 12452 to mouth Agriculture – Siltation; Rural (Residential Areas) – Siltation; Agriculture – Habitat Alterations; Rural (Residential Areas) – Habitat Alterations

Comments

The Nutrients cause will be removed from all Hungry Run stream segments (assessment units 1512 and 1558). These streams were listed on the 2002 Integrated List based on SSWAP surveys that noted moderate to heavy algal growth and had an SSWAP IBI scores of 43.1 and 33.4 (two downstream pink squares in map above). Continuous instream monitoring (CIM) data were collected for an ALU reassessment in 2023 at two stations (white circles in map above). The upstream station represented the primarily agricultural upper watershed, while the lower station was representative of the entire watershed with increasingly developed land cover. Per the existing *Eutrophication Cause Determination Method for Small Streams (≤50 Mi^2 Drainage Area*, McGarrell 2018), eutrophication was not determined to be a cause of impairment at either station. In addition, nutrient concentrations were relatively low at all stations. However, due to impaired macroinvertebrate, fish, and/or physical habitat scores, stations shown in the map above continued to be impaired for a variety of sources and causes (Table 1).

Table 1. Benthic Macroinvertebrate Metrics and IBI and ATI Scores from the Most Recent Sample at Each Station.

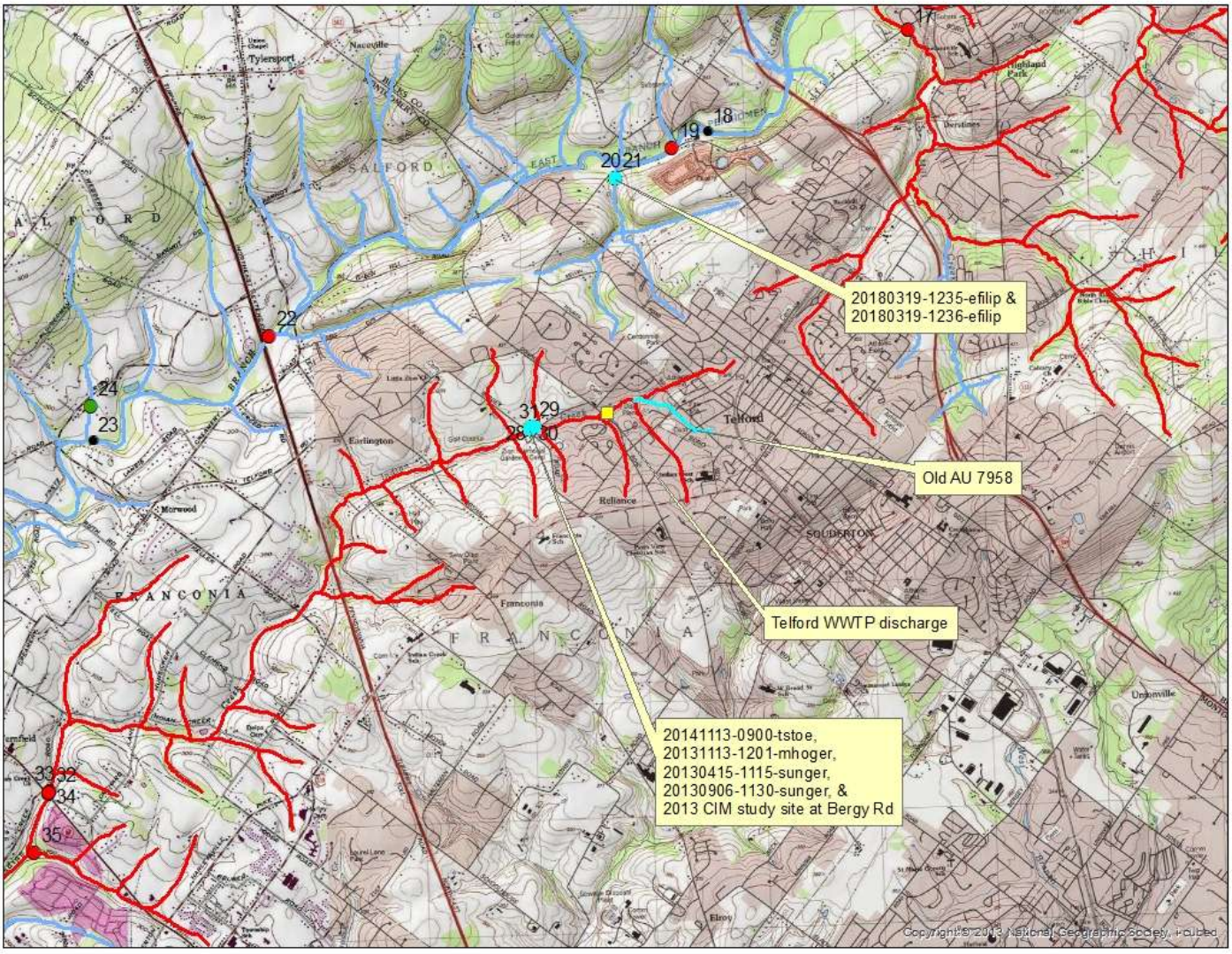
Macroinvertebrate/Physical Habitat Sample	4HR 20230426-0830-mshank	5UNTHR 20221212-1111-mshank	6HR 20230426-0938-mshank	7HR 20230426-1016-mshank	8UNTHR 20230426-1044-mshank	9HR 20230426-1138-mshank
Wadeable Freestone Macroinvertebrate IBI Score	49.3	55.5	51.5	55.5	57.0	58.4
Passed Macroinvertebrate Qualifier Questions?	N	Y	N	N	N	Y
Total Habitat Score	155	160	154	133	125	147
Instream Couplet Score	23	27	25	14	14	24
Bank Couplet Score	28	19	20	22	22	21
Thermal Fish Index Score[1]	5.8	6.0	6.1	-	-	6.7
AMMONIA T (mg/L)[2]	<0.02	<0.02	0.03	<0.02	<0.02	0.025
NITRATE T (mg/L)[2]	1.79	1.88	2.05	2.02	4.29	1.985
NITRITE T (mg/L)[2]	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
NITROGEN T (mg/L)[2]	2.41	1.99	2.355	2.37	4.53	2.265
ORTHOPHOSPHATE T (mg/L)[2]	<0.01	<0.01	0.013	0.017	<0.01	0.0105
PHOSPHORUS T (mg/L)[2]	0.011	0.012	0.026	0.035	<0.01	0.026

[1]Refer to Fishes section of Assessment Report for information fish samples
[2]Refer to Discrete Physicochemical section and Appendix B of Assessment Report for information on discrete water chemistry samples

CAUSE REMOVAL JUSTIFICATION FOR
INDIAN CREEK

HUC: 02040203
DEP Stream Code: 01181
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

Indian Creek Cause Removal



Old AU 7958: Municipal Point Source Discharges / Total Dissolved Solids (TDS) (1996); Source Unknown / Cause Unknown (1996).
New AU 23945: Agriculture / Siltation (2004); Habitat Modification (Other than Hydromodification / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2026).

Comments

A reach of Indian Creek (01181) was impaired for Municipal Point Source Discharges / Total Dissolved Solids (TDS) (1996) and Source Unknown / Cause Unknown (1996). The TDS impairment was delisted, with the reason that the listing was originally incorrect. While the reach downstream was impacted by TDS from Telford WWTP, this upstream reach was not. No other major point source could be

implicated, so it must have been included in error. The new assessment on Indian Creek was based on macroinvertebrate, habitat, and chemistry data collected from 2013 to 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. Field readings and a water chemistry sample from a nearby UNT East Branch Perkiomen Creek were extrapolated to apply here as well, sharing a similar mixed urban and agriculture land use to this small headwater stream. In contrast with earlier findings below the WWTP, the ion content of headwater streams was at low levels. Specific conductivity was 373.4 µS/cm, chloride was 74.5 mg/L, and TDS was 206 mg/L. This paled in comparison to the high downstream averages, where conductivity was 1,016.9 µS/cm, chloride was 198.5 mg/L, and TDS was 620 mg/L. In addition, the average conductivity for the 2013 CIM at Bergy Rd was 1007.4 µS/cm. Along with the mistaken MPS source implication, this supported delisting the TDS impairment in the headwaters. The stream remained impaired, though, as new Siltation, Flow Regime Modification, Eutrophication, and Habitat Alterations impairments were added. In this new assessment, this portion was combined with other segments to make a more cohesive listing that better reflected current conditions. The other old assessments referencing the same data used a date of 2004 for Siltation, so the earlier year was used.

Table 1. Information and headwater samples used to justify cause removal.

Headwater Cause Removal Information	20180319-1235-efilip	20180319-1236-efilip
Macroinvertebrate score	30.0	31.3
Specific conductivity (µS/cm)	373.4	
Chloride (mg/L)	74.5	
TDS (mg/L)	206	

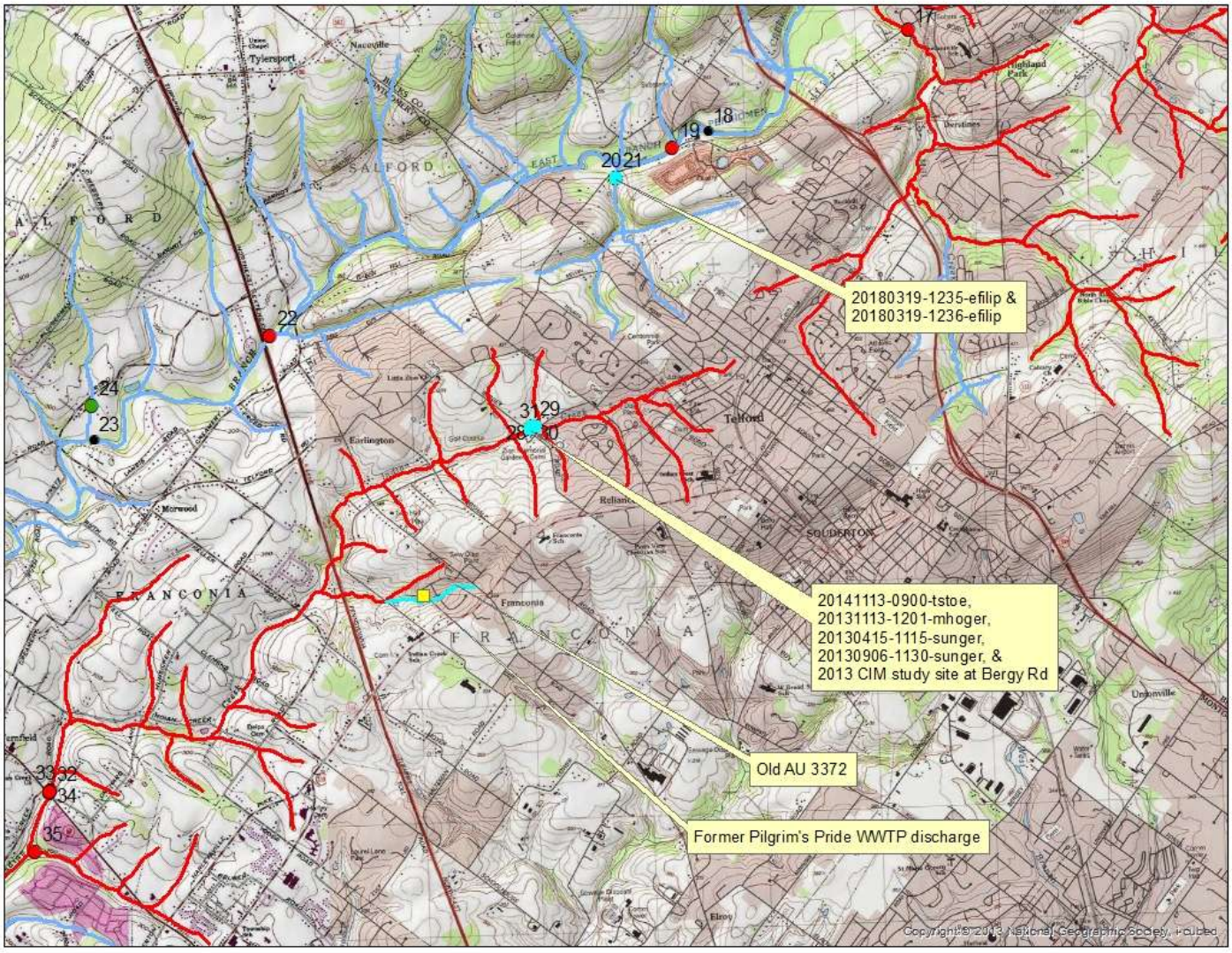
Table 2. Information and samples below the WWTP used to justify cause removal.

Below WWTP Cause Removal Information	20141113-0900-tstoe	20131113-1201-mhogar	20130415-1115-sunger	20130906-1130-sunger	2013 CIM at Bergy Rd
Macroinvertebrate score	20.6	16.4	17.6	21.5	
Specific conductivity (µS/cm)	982.5	1,161	874	1,050	1,007.4 average
Chloride (mg/L)	176	221			
TDS (mg/L)	580	660			

CAUSE REMOVAL JUSTIFICATION FOR
UNT 01194 INDIAN CREEK

HUC: 02040203
DEP Stream Code: 01194
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

UNT Indian Creek Cause Removal



Old AU 3372: Agriculture/ Siltation (2004); Municipal Point Source Discharges / Nutrients (2004); Rural (Residential Areas) / Siltation (2004); Urban Runoff/Storm Sewers / Siltation (2004).
New AU 23946: Agriculture / Siltation (2004); Habitat Modification (Other than Hydromodification / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2026).

Comments

Old assessment 3372 was split into two unjoined portions. This delisting pertains to the portion on a reach of UNT Indian Creek, with most of the other portion on the mainstem Indian Creek maintaining its impairments. The reach of UNT Indian Creek (01194) was impaired for Municipal Point Source Discharges / Nutrients (2004), in addition to Siltation (2004) impairments from three different sources.

The Nutrients impairment was delisted, citing a restoration activity. Sometime between 2008 and 2015, the Pilgrim's Pride WWTP that discharged to the tributary was closed. While the mainstem reach downstream from Telford WWTP continues to be impacted by Nutrients, this tributary is no longer impacted. The new assessment on Indian Creek was based on macroinvertebrate, habitat, and chemistry data collected from 2013 to 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A water chemistry sample from a nearby UNT East Branch Perkiomen Creek was extrapolated to apply here as well, sharing a similar mixed urban and agriculture land use to this small headwater stream. In contrast with earlier findings below the WWTP, the nutrient content of headwater streams were at low levels. Total Nitrogen was at 1.85 mg/L, and total Phosphorous was at 0.027 mg/L. This paled in comparison to the high mainstem averages, where Nitrogen was 9.288 mg/L, and Phosphorous was 0.054 mg/L. Along with the removal of the MPS source, this supported delisting the Nutrients impairment in the headwaters. The stream remained impaired for Siltation; and Flow Regime Modification, Eutrophication, and Habitat Alterations impairments were added. In this new assessment, this tributary was separated from other headwater segments to highlight the WWTP closure and separate delisting.

Table 1. Information and headwater samples used to justify cause removal.

Headwater Cause Removal Information	**20180319-1235-efilip**	**20180319-1236-efilip**
Macroinvertebrate score	30.0	31.3
Nitrogen (mg/L)	1.85	
Phosphorous (mg/L)	0.027	

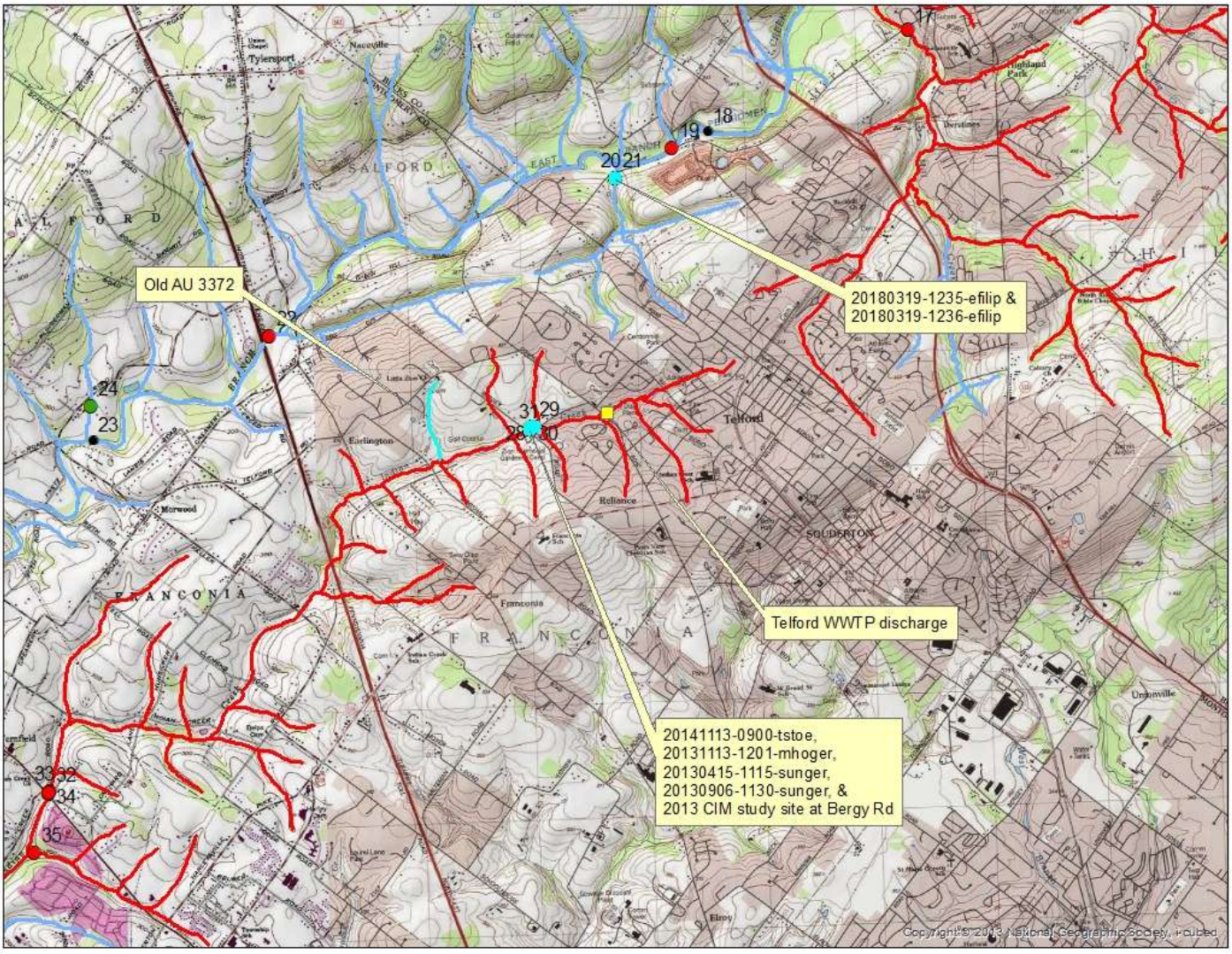
Table 2. Information and samples below the WWTP used to justify cause removal.

Below WWTP Cause Removal Information	**20141113-0900-tstoe**	**20131113-1201-mhogar**	**20130415-1115-sunger**	**20130906-1130-sunger**
Macroinvertebrate score	20.6	16.4	17.6	21.5
Nitrogen (mg/L)	7.947	10.628		
Phosphorous (mg/L)	0.041	0.067		

CAUSE REMOVAL JUSTIFICATION FOR
UNT 01196 INDIAN CREEK

HUC: 02040203
DEP Stream Code: 01196
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

UNT 01196 Indian Creek Cause Removal



Old AU 3372: Agriculture/ Siltation (2004); Municipal Point Source Discharges / Nutrients (2004); Rural (Residential Areas) / Siltation (2004); Urban Runoff/Storm Sewers / Siltation (2004).
New AU 23945: Agriculture / Siltation (2004); Habitat Modification (Other than Hydromodification / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2026).

Comments

Old assessment 3372 was split into two unjoined portions. This delisting pertains to a small UNT Indian Creek attached to the portion containing the mainstem Indian Creek, with the other portion on different UNT Indian Creek that has a delisting for a different reason. The UNT Indian Creek (01196) was impaired for Municipal Point Source Discharges / Nutrients (2004), in addition to Siltation (2004)

impairments from three different sources. The Nutrients impairment was delisted, with the reason that the listing was originally incorrect. While the mainstem reach downstream from Telford WWTP was impacted by Nutrients, this tributary reach was not. No other major point source could be implicated, so it must have been included in error. The new assessment on Indian Creek was based on macroinvertebrate, habitat, and chemistry data collected from 2013 to 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A water chemistry sample from a nearby UNT East Branch Perkiomen Creek was extrapolated to apply here as well, sharing a similar mixed urban and agriculture land use to this small headwater stream. In contrast with earlier findings below the WWTP, the nutrient content of headwater streams was at low levels. Total Nitrogen was at 1.85 mg/L, and total Phosphorous was at 0.027 mg/L. This paled in comparison to the high mainstem averages, where Nitrogen was 9.288 mg/L, and Phosphorous was 0.054 mg/L. Along with the mistaken MPS source implication, this supported delisting the Nutrients impairment in the headwaters. The stream remained impaired for Siltation; and Flow Regime Modification, Eutrophication, and Habitat Alterations impairments were added. In this new assessment, this tributary was combined with other headwater segments to make a more cohesive listing that better reflected current conditions.

Table 1. Information and samples used to justify cause removal.

Headwater Cause Removal Information	20180319-1235-efilip	20180319-1236-efilip
Macroinvertebrate score	30.0	31.3
Nitrogen (mg/L)	1.85	
Phosphorous (mg/L)	0.027	

Table 2. Information and samples below the WWTP used to justify cause removal.

Below WWTP Cause Removal Information	20141113-0900-tstoe	20131113-1201-mhogar	20130415-1115-sunger	20130906-1130-sunger
Macroinvertebrate score	20.6	16.4	17.6	21.5
Nitrogen (mg/L)	7.947	10.628		
Phosphorous (mg/L)	0.041	0.067		

CAUSE REMOVAL JUSTIFICATION FOR
UNT 37936 JACOBS CREEK

HUC: 05020006
DEP Stream Code: 37936
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

UNT 37936 Jacobs Creek Cause Removal

Old AU 6831: AMD / Metals (2006) and pH (2006)
Old AU 6832: On-Site Treatment Systems / Organic Enrichment (2006)
New AU 24287: AMD / Aluminum (2006), Ag / Siltation (2026), and Rural (Residential Areas) / Habitat Alterations (2026)

Comments

UNT 37936 to Jacobs Creek was sampled in 2004 and placed on the 2006 Integrated Report (IR) as impaired for Organic Enrichment, pH, and metals. A reassessment was conducted in 2020 using a more

rigorous and robust sampling protocol developed by DEP to maximize assessment decisions and accurately identify the specific source/cause of impairments. The 2020 survey results did not show an accumulation of organic matter or algae, indicating that Organic Enrichment is not appropriate. The water chemistry data also showed pH is within the criterion of 6.0 to 9.0 (Table 1). The water chemistry, habitat survey, and field observations do show that high aluminum, siltation, and instream habitat alterations are impairing the aquatic community.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	22UNTJC
Dissolved Oxygen (mg/L)	10.54
pH	7.2
Total Aluminum (µg/L)	1,570
Instream Habitat Score	13
Total Habitat Score	137

CAUSE REMOVAL JUSTIFICATION FOR
UNT 37939 JACOBS CREEK

HUC: 05020006
DEP Stream Code: 37939
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

UNT 37939 Jacobs Creek Cause Removal

Old AU 6825: On-Site Treatment Systems / Organic Enrichment (2006)
AMD / pH (2006) and Siltation (2006)
New AU 24285: Highway/Road/Bridge Runoff / Habitat Alterations (2026) and Siltation (2006)
AMD / Siltation (2006), pH, low (2006), and Aluminum (2026)

Comments
UNT 37939 to Jacobs Creek was sampled in 2004 and placed on the 2006 Integrated Report (IR) as impaired for Organic Enrichment, pH, and siltation. A reassessment was conducted in 2025 at the same location as the 2004 assessment. Since 2004, a more rigorous and robust sampling protocol has been developed by DEP to maximize assessment decisions and accurately identify the specific source/cause of impairments. The 2025 survey results did not show an accumulation of organic matter or algae, indicating that Organic Enrichment is not appropriate. The water chemistry, habitat survey, and field observations do show that very low pH, high aluminum, and siltation are impairing.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	21UNTJC
Dissolved Oxygen (mg/L)	10.81
pH	3.4
Total Aluminum (µg/L)	10,100
Instream Habitat Score	16
Bank Habitat Score	31
Total Habitat Score	137

CAUSE REMOVAL JUSTIFICATION FOR
UNT 37940 JACOBS CREEK

HUC: 05020006
DEP Stream Code: 37940
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT 37940 Jacobs Creek Cause Removal

Old AU 6827: AMD / Metals (2006)
New AU 24284: Highway/Road/Bridge Runoff / Siltation and Habitat Alterations (2026)

Comments

UNT 37940 to Jacobs Creek was assessed in 2004 using SSWAP sampling protocols and placed on the 2006 Integrated Report (IR) as impaired for metals from acid mine drainage. A reassessment conducted downstream of US 119 in 2020 and above US 119 in 2025 show that metals are no longer exceeding water quality criteria (Table 1). The water chemistry, macroinvertebrate, and habitat results, along with field observations, indicate siltation and habitat alterations as the main causes of impairment.

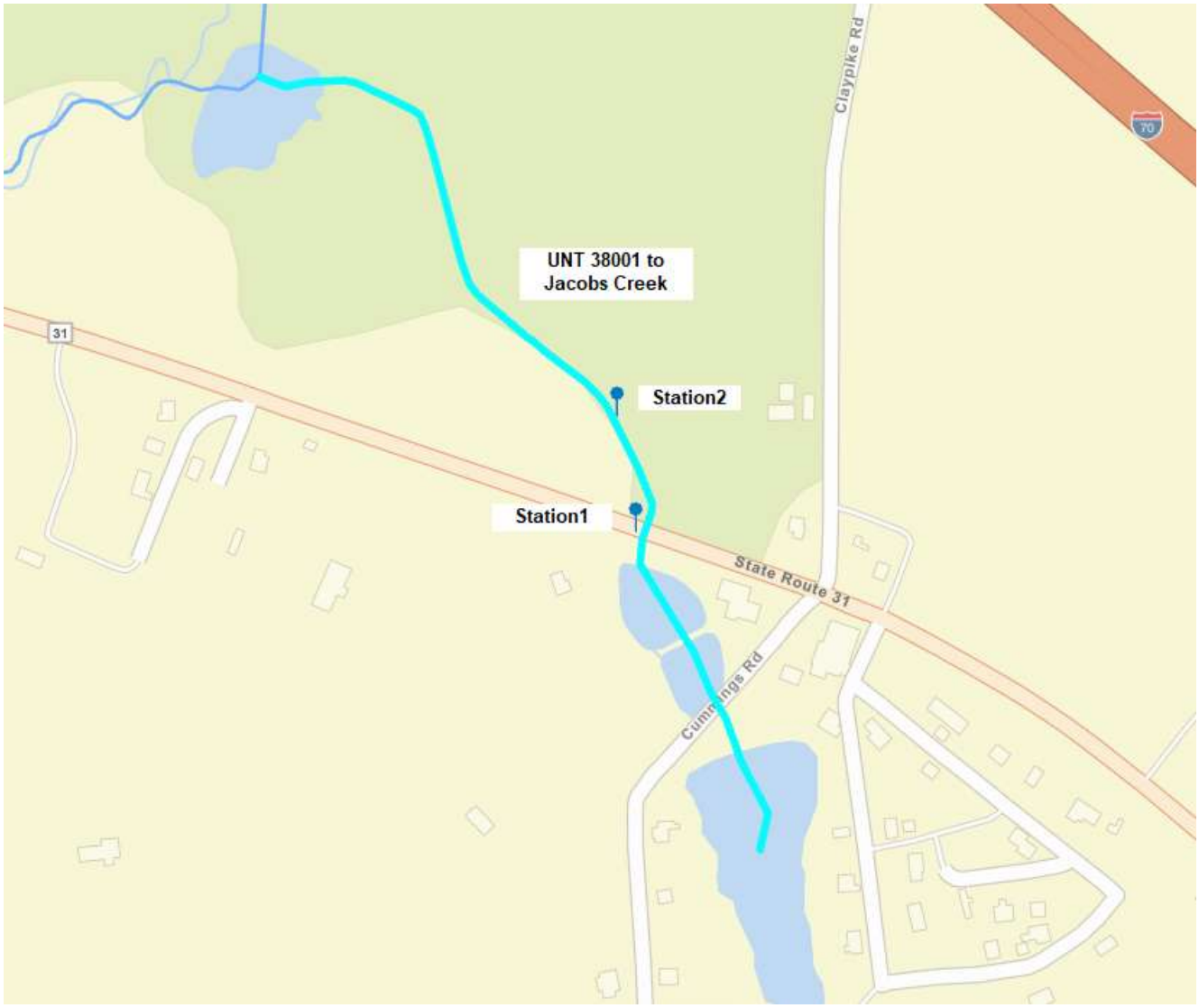
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	19UNTJC	20UNTJC
Total Iron (µg/L)	286	534
Total Aluminum (µg/L)	115	650
Total Manganese (µg/L)	75	542
pH	6.7	7.9
Instream Habitat Score	11	11
Bank Habitat Score	16	16
Total Habitat Score	112	102

CAUSE REMOVAL JUSTIFICATION FOR
UNT 38001 JACOBS CREEK

HUC: 05020006
DEP Stream Code: 37868
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT 38001 Jacobs Creek Cause Removal



Old AU 6728: On-Site Treatment Systems / Organic Enrichment (2006)
New AU 24271: Highways, Roads, Bridges, Infrastructure (New Construction) / Habitat Alterations (2026)

Comments
UNT 38001 to Jacobs Creek was sampled in 2004 and placed on the 2006 Integrated Report (IR) as impaired for Organic Enrichment. A reassessment was conducted in 2023 in the headwaters of Jacobs Creek and field data was collected in 2025 on UNT 38001. The new data collections were located at previously collected locations in addition to new locations to better capture representativeness in the headwaters of Jacobs Creek. The field data collected in 2025 on UNT 38001 indicated that Organic Enrichment is no longer a cause of impairment. The water chemistry results, and field observations did

not show an accumulation of organic matter or algae. This UNT will be impaired on the 2026 IR for Habitat Alterations.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230208-1115-jadetweile	Station1	Station2
Total Nitrogen (mg/L)	1.6	-	-
Total Phosphorous (mg/L)	0.035	-	-
Total Ammonia (mg/L)	0.05	-	-
Dissolved Oxygen (mg/L)	12.79	9.22	7.23
Orthophosphorus T (mg/L)	<0.01	-	-

CAUSE REMOVAL JUSTIFICATION FOR
KOOSER LAKE

HUC: 05020006
Reachcode: 05020006001867
Assessed Use Category: Aquatic Life
Delisting Reason: WQS New Data

Kooser Lake Cause Removal

Old AU 3966: Site Clearance / Nutrients (2004)
New AU 4735: Shallow Lake/Reservoir / Dissolved Oxygen (2026)

Comments

The Aquatic Life Use was previously impaired for Nutrients due to Site Clearance (Land Development or Redevelopment) since 2004. Chemistry samples and oligotrophic TSI score does not support nutrient impairment (Table 1). New data does show that Kooser Lake is phosphorous limited. Historically, nitrogen data was elevated compared to other PA lakes, but it's likely that those nitrogen sources have been removed. Dissolved Oxygen epilimnion during summer sampling was <5.0 mg/L at both stations and therefore, Kooser Lake remains impaired but for dissolved oxygen due to shallow lake/reservoir.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20250529-0937-hbiggs
Total Nitrogen Max (mg/L)	1.29
Total Phosphorus Max (mg/L)	0.018
TSI (oligotrophic)	39.46

CAUSE REMOVAL JUSTIFICATION FOR KYLE RUN

HUC: 05010005
DEP Stream Code: 49737
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Kyle Run Cause Removal

Old AU 7733: AMD/ Metals (1996)
New AU 24406: AMD/ pH Low

Comments

Kyle Run was listed on the 1996 Integrated List with the Source: Acid Mine Drainage and the Cause: Metals. There were no prior SSWAP or ICE surveys within the Kyle Run basin. The previous assessment included the Kyle basin due to the abundance of mining within watershed. An ALU reassessment was conducted in 2024 and included a habitat assessment along with macroinvertebrate, fish, and water chemistry sampling at 20240430-1130-devlineman. Total iron and total aluminum, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria (Table 1). Using the Water Quality Index (WQI) tool the water sample scored 1 which is considered a rating of poor. Additionally, the Sub-WQI grouped with land disturbance which is consistent with elevated acid

mine drainage parameters. The macroinvertebrate acid tolerance index score was greater than the impairment threshold of 53. Decisions based off this reassessment effort included removing the previous impairment (Source: Acid Mine Drainage Cause: Metals) and adding the impairment (Source: Acid Mine Drainage Cause: pH Low).

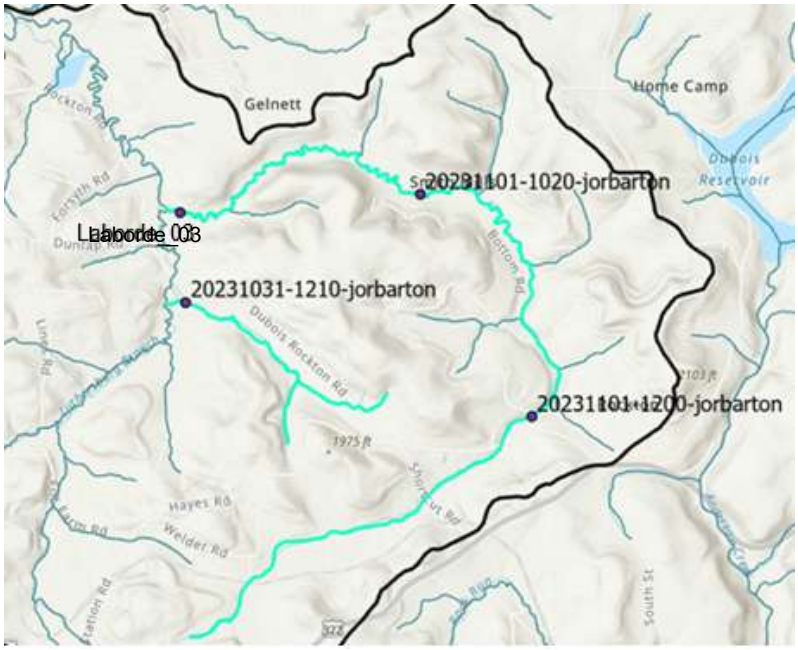
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20240430-1130-devlineman
Macroinvertebrate IBI Score	67.0
Passed Macroinvertebrate Qualifier Questions?	No
Macroinvertebrate ATI Score	73.4
Instream Habitat Score	27
Bank Habitat Score	30
Total Habitat Score	181
pH	6.69
Total Iron (µg/L)	247
Total Aluminum (µg/L)	367

CAUSE REMOVAL JUSTIFICATION FOR LABORDE BRANCH AND SUGARCAMP RUN

HUC: 05010006
DEP Stream Code: 48803 (Laborde Branch) and 48809 (Sugarcamp Run)
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Laborde Branch and Sugarcamp Run Cause Removal



Old AU 1756: AMD / Metals (2002) Sugarcamp Run
Old AU 8031: AMD / Metals (1996) Laborde Branch
Old AU 1681: AMD / Metals (1996) Laborde Branch
New AU 24483 (Laborde Branch), AU 24484 (Sugarcamp Run): AMD / Siltation (2026)

Comments

Laborde Branch was listed on the 1996 Integrated List and Sugarcamp Run was listed on the 2002 Integrated List based on SSWAP surveys. An TMDL was completed in 2007 for metals. An ALU reassessment was done in 2025 that resulted in a metals cause removal based on discrete chemistry samples and adding siltation based on physical habitat at 3 monitoring stations. The instream embeddedness and sediment deposition couplet summation scores were below the high gradient impairment threshold of 24.

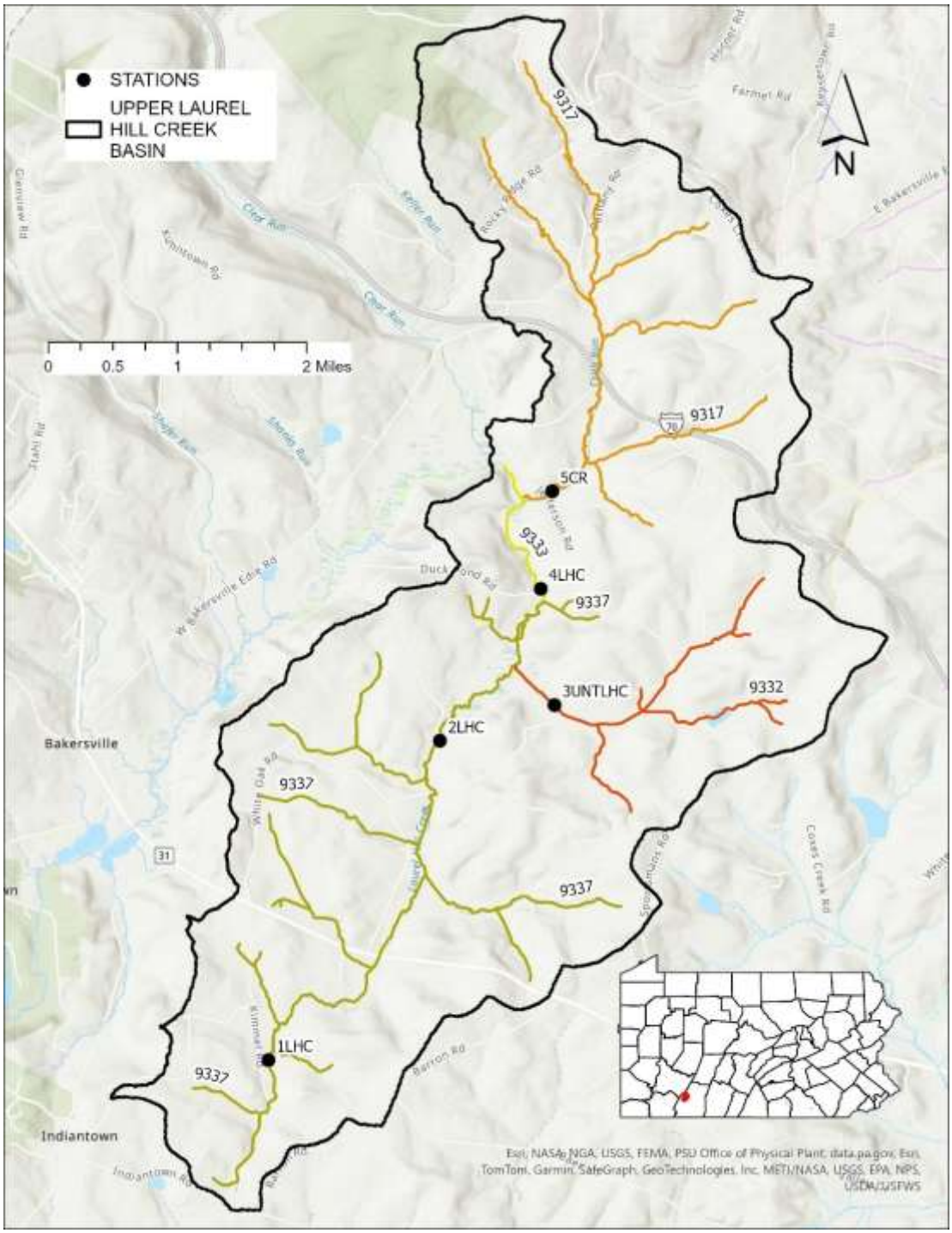
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20231101-1020-jorbarton	20231101-1200-jorbarton	20231101-1200-jorbarton	20231031-1210-jorbarton	20231031-1210-jorbarton	Laborde_03
Date Collected	3/17/2025	4/25/2023	3/17/2025	3/17/2025	4/25/2023	3/17/2025
Total Iron (µg/L)	457	440	172	324	317	685
Total Aluminum (µg/L)	285	399	242	130	31	335
Total Manganese (µg/L)	211	289	97	439	591	164

CAUSE REMOVAL JUSTIFICATION FOR
LAUREL HILL CREEK

HUC: 05020006
DEP Stream Code: 38580
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Laurel Hill Creek Cause Removal



Old AU 9332: Grazing in Riparian or Shoreline Zones / Siltation (2002); Crop Production (Crop Land or Dry Land) / Organic Enrichment (2002)

Old AU 9333: Grazing in Riparian or Shoreline Zones / Siltation (2002); Crop Production (Crop Land or Dry Land) / Organic Enrichment (2002); Agriculture / Organic Enrichment (2002)
Old AU 9337: Grazing in Riparian or Shoreline Zones / Siltation (2002); Agriculture / Organic Enrichment (2002)
New AU 23878: Agriculture / Siltation (2002); Agriculture / Habitat Alterations (2026)

Old AU 9317: Grazing in Riparian or Shoreline Zones / Nutrients (2002)
New AU 23879: Agriculture / Siltation (2026); Agriculture / Habitat Alterations (2026)

Comments
A reassessment conducted in 2023 indicated that Organic Enrichment and Nutrient impairments were not appropriate based on water chemistry and field observations that did not indicate an accumulation of organic matter or algae. The original listing used the family level SSWAP sampling method and was based only on field observations. New data collection was located at previously collected locations in addition to new locations to better capture representativeness. This basin remains impaired for siltation and habitat alterations due to agriculture.

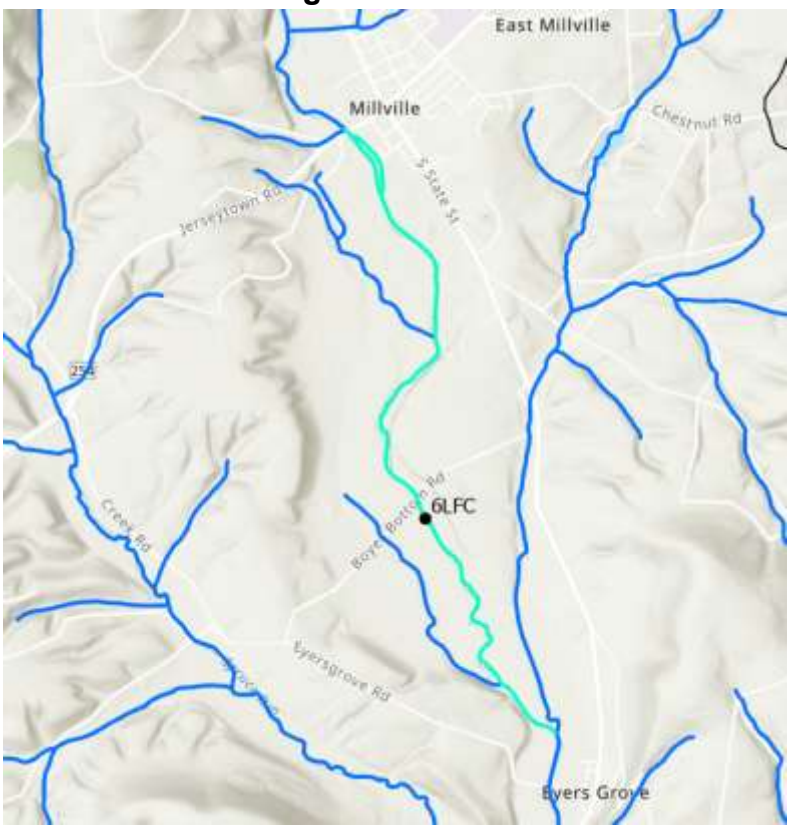
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	1LHC	2LHC	3UNTLHC	4LHC	5CR
Total Nitrogen (mg/L)	1.8	2.04	1.98	1.63	1.19
Total Phosphorous (mg/L)	0.018	0.017	0.024	0.04	0.014
Total Ammonia (mg/L)	0.029	0.03	0.046	0.067	<0.02
Dissolved Oxygen (mg/L)	10.13	10.26	10.03	9.86	9.65

CAUSE REMOVAL JUSTIFICATION FOR
LITTLE FISHING CREEK

HUC: 02050107
DEP Stream Code: 27657
Assessed Use Category: Recreation Use
USEPA Delisting Reason: WQS New Data

Little Fishing Creek Cause Removal



Old AU 2759: Source Unknown/Pathogens (2002)
New AU 23900 Supporting RU

Comments

Little Fishing Creek was listed on the 2002 Integrated List based on fecal coliform sample results and geometric mean, measured as geometric mean greater than or equal to 200 CFU/100ML. Bacteriological data was collected in 2024. Water Contact sports reassessment was done in 2024. One station *E. coli* sample results and geometric mean, measured as geometric mean less than 126 CFU/100ML, was supporting the *E. coli* criteria for the swimming season (May 1 – September 30) (Table 1).

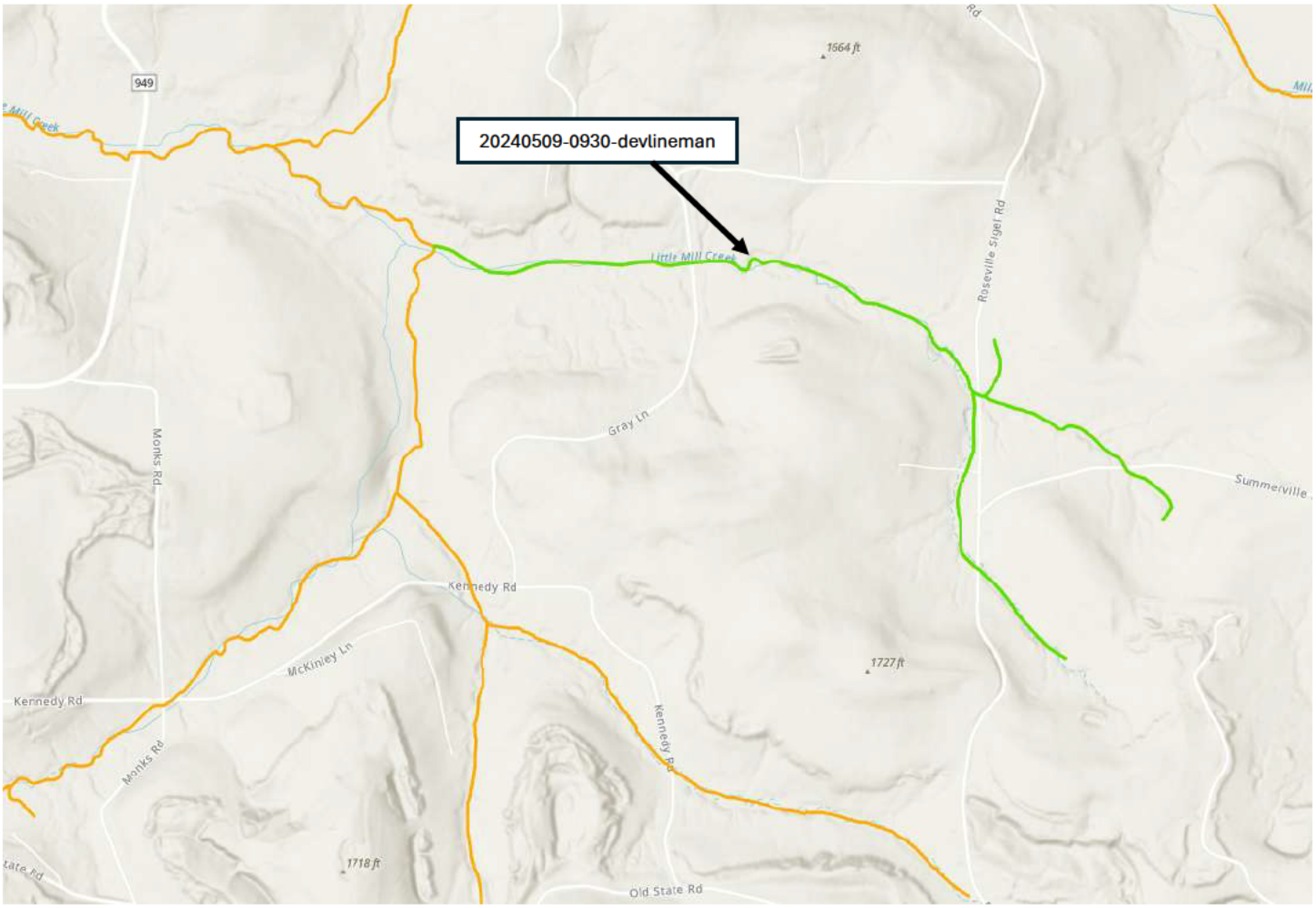
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	6LFC
E. coli Geometric Mean	110

CAUSE REMOVAL JUSTIFICATION FOR LITTLE MILL CREEK

HUC: 05010005
DEP Stream Code: 49727
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Little Mill Creek Cause Removal



Old AU 7733: AMD/ Metals (1996)
New AU 24409: Supporting ALU

Comments

Little Mill Creek was listed on the 1996 Integrated List with the Source: Acid Mine Drainage and the Cause: Metals. There were no prior SSWAP or ICE surveys within this section of Little Mill Creek. The previous assessment included this portion of Little Mill Creek due to the abundance of mining within watershed. An ALU reassessment was conducted in 2024 and included a habitat assessment along with macroinvertebrate, fish, and water chemistry sampling at 20240509-0930-devlineman. Total iron and total aluminum, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria (Table 1). Using the Water Quality Index (WQI) tool the water sample scored 78 which is considered a rating of average. Additionally, the Sub-WQI grouped with land disturbance which is consistent with the land use. The habitat assessment along with the macroinvertebrate and fish

sampling indicated supporting conditions. This section of Little Mill Creek was found to be supporting its Aquatic Life use and the previous impairment (Source: Acid Mine Drainage Cause: Metals) will be removed. Restoration activities completed within this section of Little Mill Creek included an abandoned mine drainage treatment project operated by the Mill Creek Coalition.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	**20240509-0930-devlineman**
Macroinvertebrate IBI Score	72.9
Passed Macroinvertebrate Qualifier Questions?	Yes
Instream Habitat Score	31
Bank Habitat Score	33
Total Habitat Score	196
pH	7.01
Total Iron (µg/L)	284
Total Aluminum (µg/L)	97

CAUSE REMOVAL JUSTIFICATION FOR LITTLE NESCOPECK CREEK

HUC: 02050107
DEP Stream Code: 28140
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: Delisting Orig Incorrect

Little Nescopeck Creek Cause Removal

Old AU 9668: AMD/metals (1998); AMD/sulfate (1998); AMD/pH (1996)
New AU 23999: AMD/Al (1998); AMD/Fe (1998); AMD/Zn (1998); AMD/pH (1996)

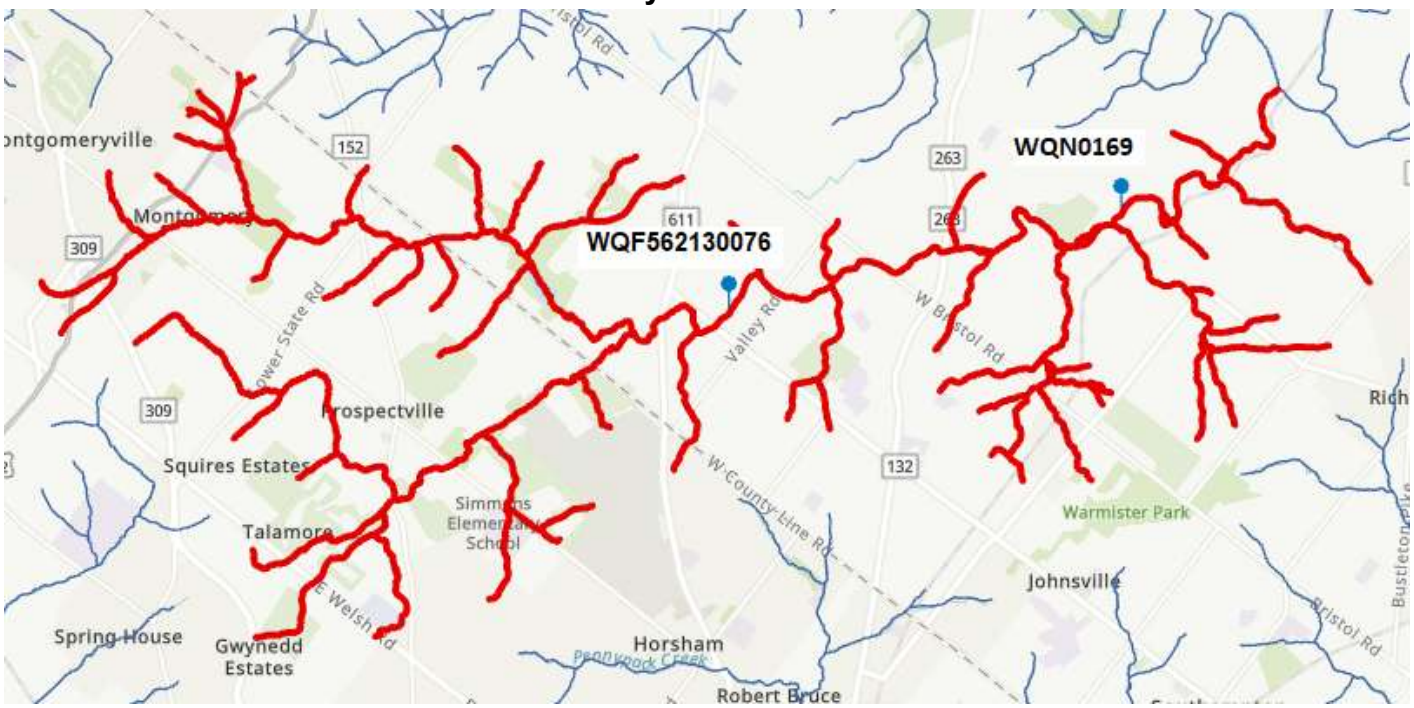
Comments

The Little Nescopeck Creek was listed as impaired for sulfate in 1998. Sulfate is a potable water supply criterion applied at the point of withdraw and should not be used for an Aquatic Life use assessment. The sulfate levels collected at the 2024 station were also not at a level that would be toxic to the aquatic community. This stream does not have a potable water supply withdraw; therefore, the sulfate criterion does not apply on Little Nescopeck Creek. This stream is impaired for Aluminum (3.64 mg/L), iron (1.91 mg/L), zinc (260 µg/L) and pH (5.1).

CAUSE REMOVAL JUSTIFICATION FOR
LITTLE NESHAMINY CREEK

HUC: 02040201
DEP Stream Code: 02630
Assessed Use Category: Fish Consumption Use
USEPA Delisting Reason: WQS New Data

Little Neshaminy Creek Cause Removal



Old AU 22638: Source Unknown/PCBs (2002) and Source Unknown/PFOS (2022)
New AU 24197: Source Unknown/PFOS (2022)

Comments

The Little Neshaminy Creek basin was impaired for PCBs in Carp in 2002. The data used for this listing is currently unknown. The two most recent fish tissue samples collected from carp filets in 2015 and 2021 are below the impairment threshold of 0.21 ppm, indicating that PBCs are no longer a cause of impairment.

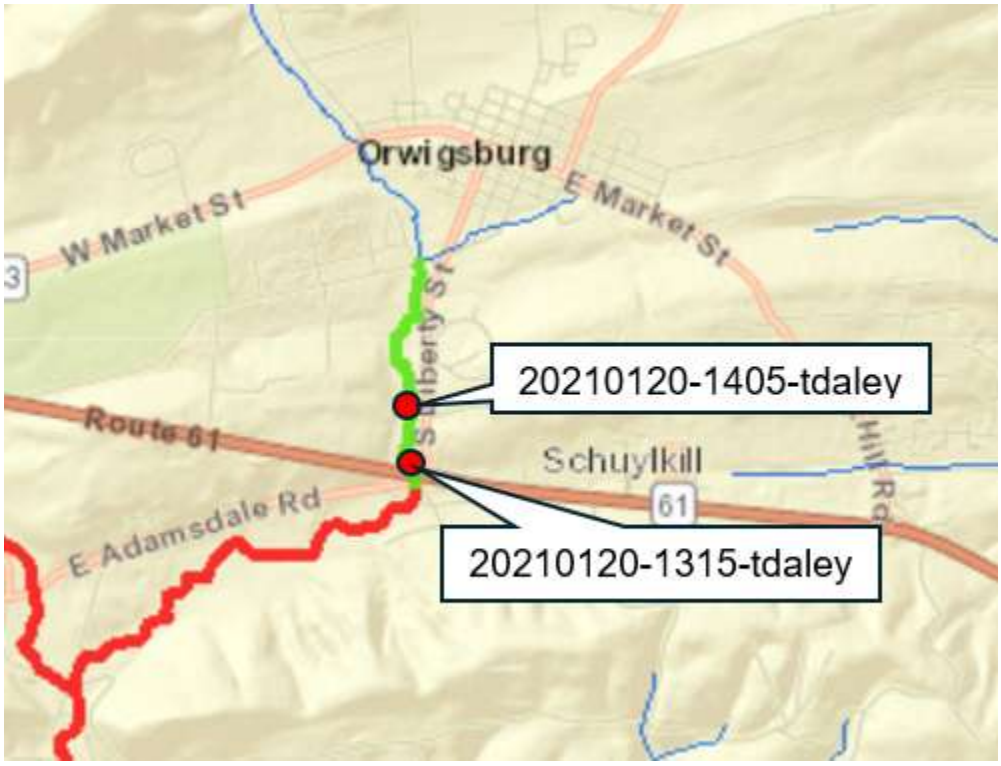
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	WQF562130076 2015	WQN0169 2021
PCBs in Carp Filet (ppm)	0.05	0.00

CAUSE REMOVAL JUSTIFICATION FOR
MAHANNON CREEK (AU 24455)

HUC: 02040203
DEP Stream Code: 02318
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mahannon Creek Cause Removal



Old AU 481: Agriculture/TSS (1998); Municipal Point Source/TSS (1998); Municipal PointSource/Nutrients (1998)
New AU 24455: Supporting

Comments
Mahannon Creek was previously listed as impaired on the 1998 Integrated List. This impairment was based on SSWAP sampling method. An ALU reassessment was conducted in 2021 on this stream segment. Two stations were sampled during the reassessment in this reach, and both were supporting for Aquatic Life. A municipal WWTP discharge enters the stream just upstream of the most downstream station which does impact the stream, however, full mixing and impairment of the stream begins further downstream of this segment.

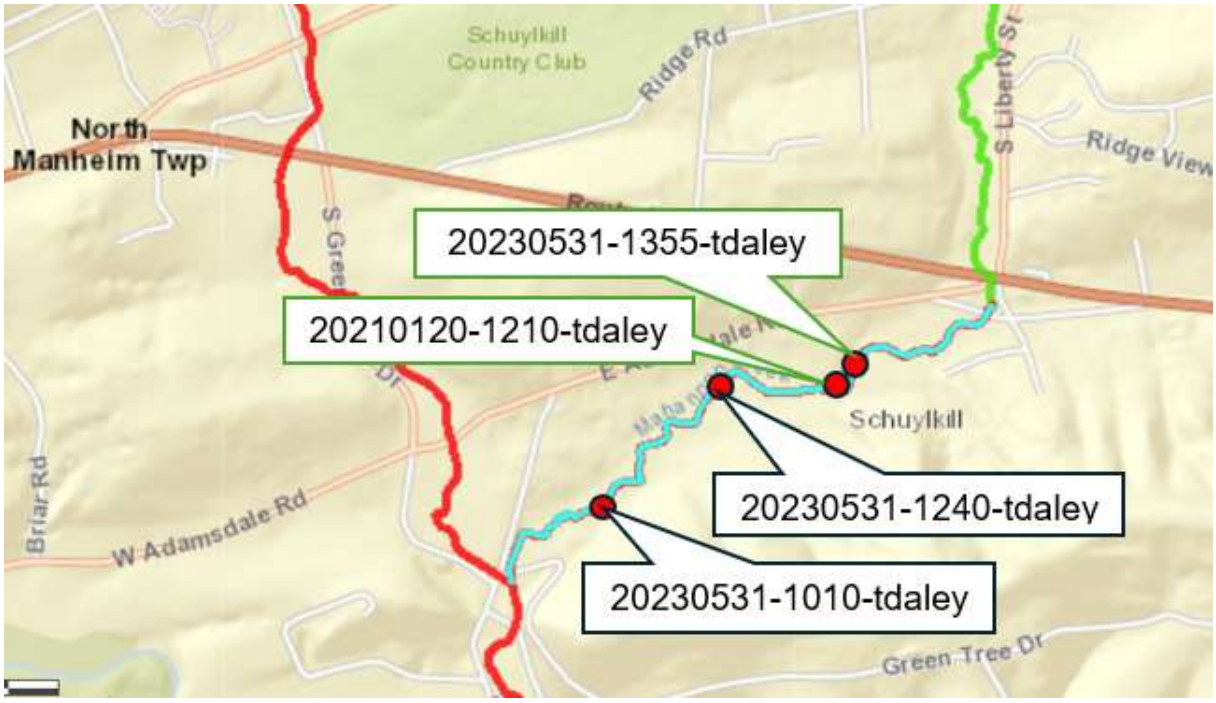
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20210120-1405-tdaley	20210120-1315-tdaley
Macroinvertebrate Score	79.5	56.3
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes
Instream Habitat Score	26	25
Bank Habitat Score	32	28
Total Habitat Score	185	166

CAUSE REMOVAL JUSTIFICATION FOR
MAHANNON CREEK (AU 24454)

HUC: 02040203
DEP Stream Code: 02318
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mahannon Creek Cause Removal



Old AU 481: Agriculture/TSS (1998); Municipal Point Source/TSS (1998); Municipal Point Source/Nutrients (1998)
New AU 24454: Municipal Point Source/Nutrients (1998)

Comments
Mahannon Creek was previously listed as impaired on the 1998 Integrated List based on SSWAP sampling methods. An ALU reassessment was conducted in 2023 with additional sampling in 2021 on this stream segment. All TSS results were below the laboratory reporting limit and are not indicative of impairment. A municipal WWTP discharge enters the stream just upstream of this segment, with the stream then flowing through some mixed agricultural lands. Macroinvertebrate, habitat (sedimentation scores), and water quality data do not indicate further impairment of the stream from the agricultural lands.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230531-1355-tdaley	20230531-1240-tdaley
Macroinvertebrate Score	49.0	53.0
Passed Macroinvertebrate Qualifier Questions?	No	No
Instream Habitat Score	28	26
Bank Habitat Score	30	23
Total Habitat Score	181	164
TSS (mg/L)	<20	<20

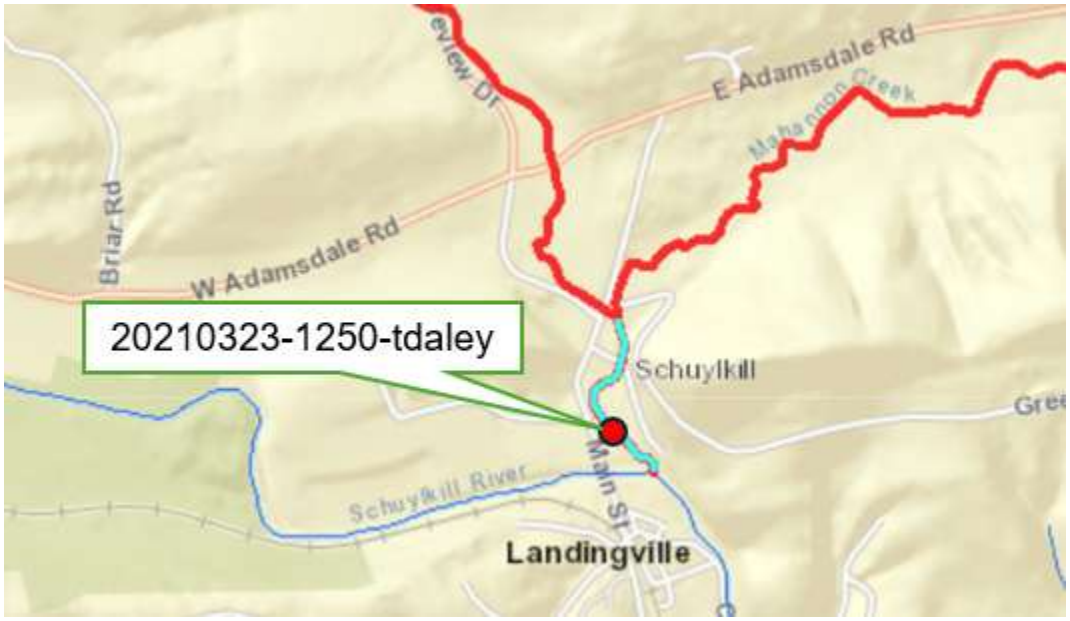
Table 2. Information and samples used to justify cause removal.

Cause Removal Information	20230531-1010-tdaley	20210120-1210-tdaley
Macroinvertebrate Score	48.8	50.3
Passed Macroinvertebrate Qualifier Questions?	No	No
Instream Habitat Score	26	28
Bank Habitat Score	29	29
Total Habitat Score	170	187
TSS (mg/L)	<20	<5

CAUSE REMOVAL JUSTIFICATION FOR MAHANNON CREEK (AU 24456)

HUC: 02040203
DEP Stream Code: 02318
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mahannon Creek Cause Removal



Old AU 1420: Channelization/Habitat Alterations (2002); Urban Runoff/Flow Regime Modification (2002); Highway Road Bridge Runoff/Flow Regime Modification (2002); AMD/Siltation (2002)
New AU 24456: Municipal Point Sources/Organic Enrichment

Comments

Mahannon Creek was previously listed as impaired on the 2002 Integrated List based on SSWAP sampling methods, although no SSWAP stations are in this stream section. An ALU reassessment was conducted in 2021. This is a short section of stream from the confluence of Mahonney Creek to the confluence with the Schuylkill River. The lower portion of this reach is backed up by the Schuylkill River. Upstream sampling on both Mahonney and Mahannon Creeks indicate impairment from Municipal Point Sources, with the most impact on Mahonney Creek. Bank erosion at the sampling station appears localized, and channelization score does not indicate impairment. Flow regime modification not apparent, and there is no indication of AMD in the Mahannon Creek watershed.

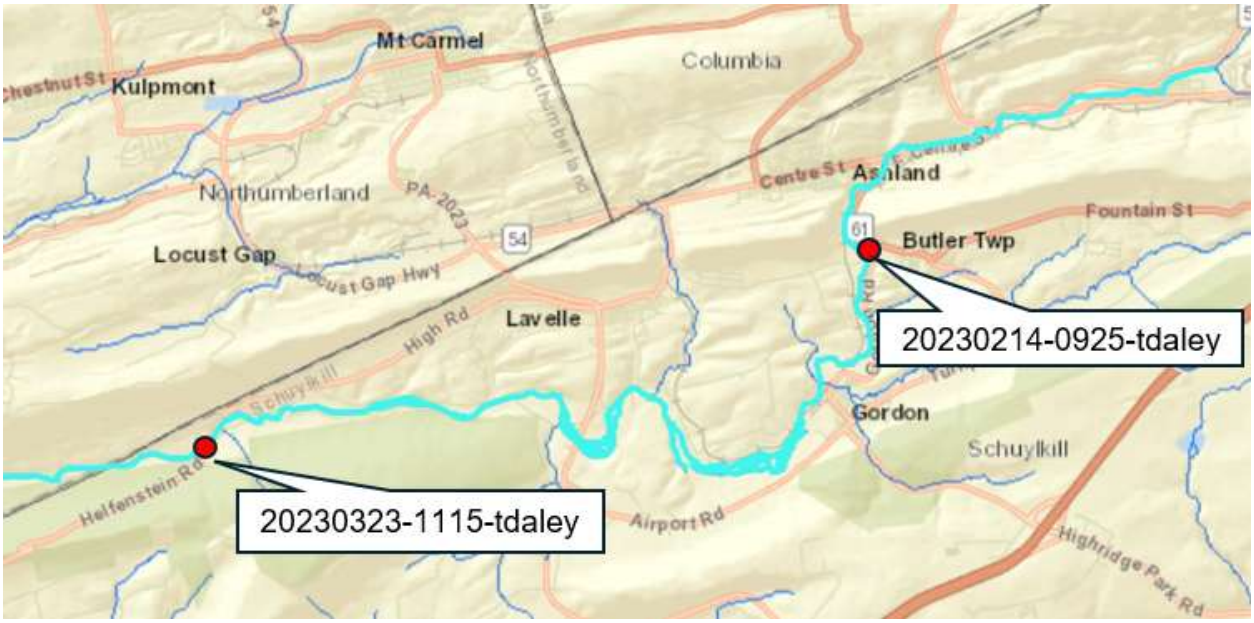
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20210323-1250-tdaley
Macroinvertebrate Score	38.9
Passed Macroinvertebrate Qualifier Questions?	No
Instream Habitat Score	25
Bank Habitat Score	19
Total Habitat Score	170

CAUSE REMOVAL JUSTIFICATION FOR
MAHANOY CREEK (AU 24125)

HUC: 2050301
DEP Stream Code: 17556
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mahanoy Creek Cause Removal



Old AU 2705: AMD/pH (2002); AMD/Flow Regime Modification (2002)
New AU 24125: AMD/Iron; AMD Siltation

Comments

Mahanoy Creek was previously listed as impaired on the 2002 Integrated Report for pH and Flow Regime Modification. This impairment was based on SSWAP sampling. An ALU reassessment was conducted in 2023 which resulted in pH values within the criterion of 6.0 to 9.0 at two sampling stations. Although increased flow results from an AMD discharge within this AU, the severe iron impacts and siltation are the dominant causes of impairment.

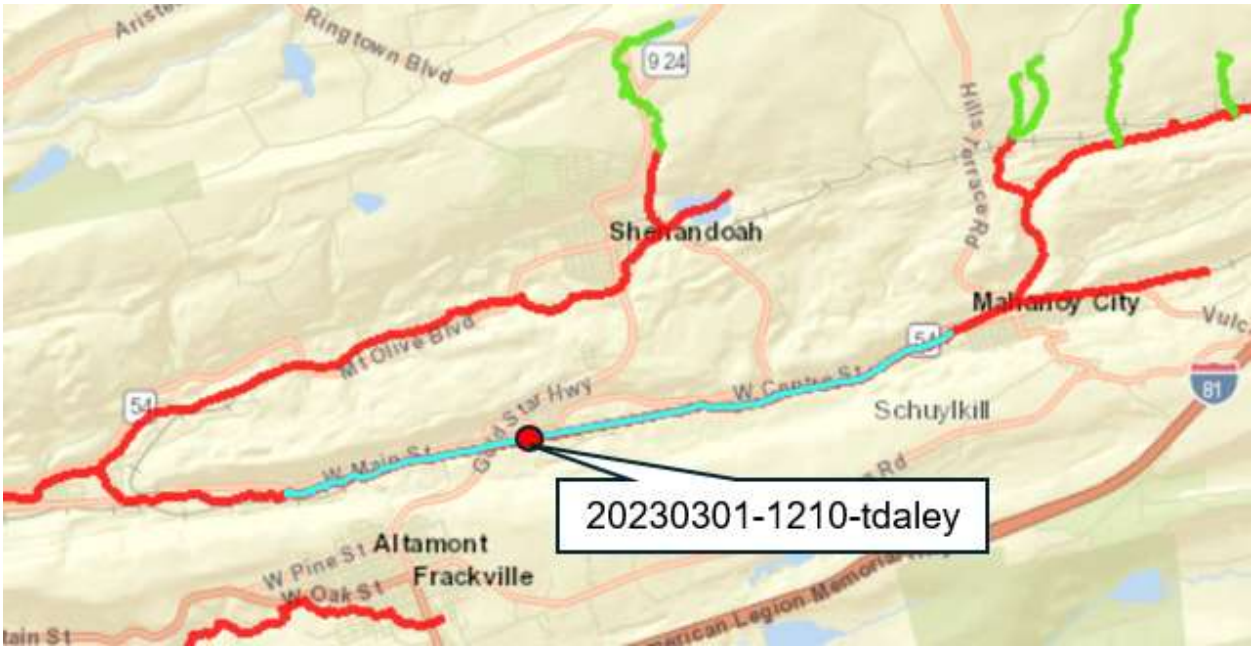
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230214-0925-tdaley	20230323-1115-tdaley
Macroinvertebrate Score	24.0	29.7
Passed Macroinvertebrate Qualifier Questions?	No	No
Instream Habitat Score	16	24
Bank Habitat Score	29	31
Total Habitat Score	164	193
pH	7.40	7.42

CAUSE REMOVAL JUSTIFICATION FOR
MAHANOY CREEK (AU 24164)

HUC: 2050301
DEP Stream Code: 17556
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Mahanoy Creek Cause Removal



Old AU 2704: AMD/pH (2002); AMD/Metals (1996)
New AU 24164: AMD/Iron; AMD/Siltation; AMD/Flow Regime Modification

Comments

Mahanoy Creek was previously listed as impaired for metals and pH based on SSWAP sampling protocols. An ALU reassessment was conducted in 2023 which resulted in a pH value within the criterion of 6.0 to 9.0 at the sampling station. The metals listing will be refined to total iron based on the 2023 sample result of 22,400 µg/L, exceeding the criterion of 1,500 µg/L.

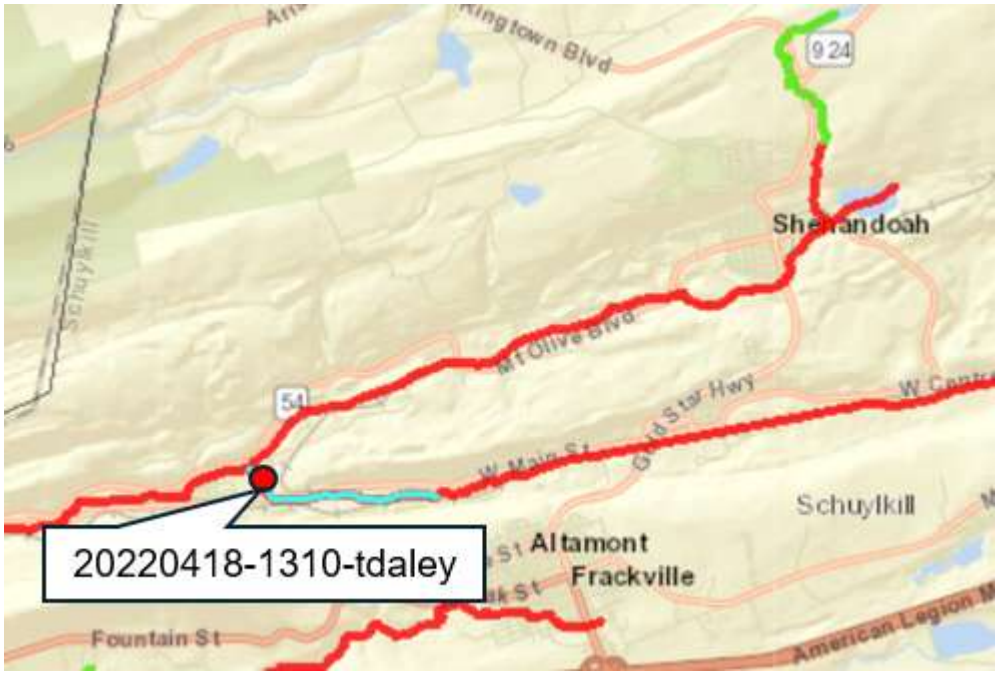
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230301-1210-tdaley
Macroinvertebrate Score	14.1
Passed Macroinvertebrate Qualifier Questions?	No
Instream Habitat Score	14
Bank Habitat Score	27
Total Habitat Score	124
pH	6.53

CAUSE REMOVAL JUSTIFICATION FOR
MAHANOY CREEK (AU 24168)

HUC: 2050301
DEP Stream Code: 17556
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Mahanoy Creek Cause Removal



Old AU 2704: AMD/pH (2002); AMD/Metals (1996)
New AU 24168: AMD/Iron; AMD/Aluminum; AMD Siltation

Comments

Mahanoy Creek was previously listed as impaired in 1996 and 2002 for metals and pH. This impairment was based on the SSWAP sampling protocol. An ALU reassessment was conducted in 2022 which resulted in a pH value within the criterion of 6.0 to 9.0 at the sampling station and does not support listing for pH. Total iron was 11,900 µg/L and total aluminum was 775 µg/L which are in exceedance of the WQ criteria.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20220418-1310-tdaley
Macroinvertebrate Score	13.0
Passed Macroinvertebrate Qualifier Questions?	No
Instream Habitat Score	19
Bank Habitat Score	35
Total Habitat Score	179
pH	7.2

CAUSE REMOVAL JUSTIFICATION FOR
MAHONING CREEK

HUC: 02050107
DEP Stream Code: 27328
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mahoning Creek Cause Removal

Old AU 4774: Urban Runoff/Storm Sewers /Siltation (2004); Ag/Siltation (2004)
New AU 23838: Supporting

Comments
Mahoning Creek from Mauses Creek to UNT 65641435 to Mahoning creek was determined to be ALU impaired in 2003 based on SSWAP monitoring and assessment methods. An ALU reassessment was completed in 2024 that resulted in a supporting IBI score and a supporting habitat score.

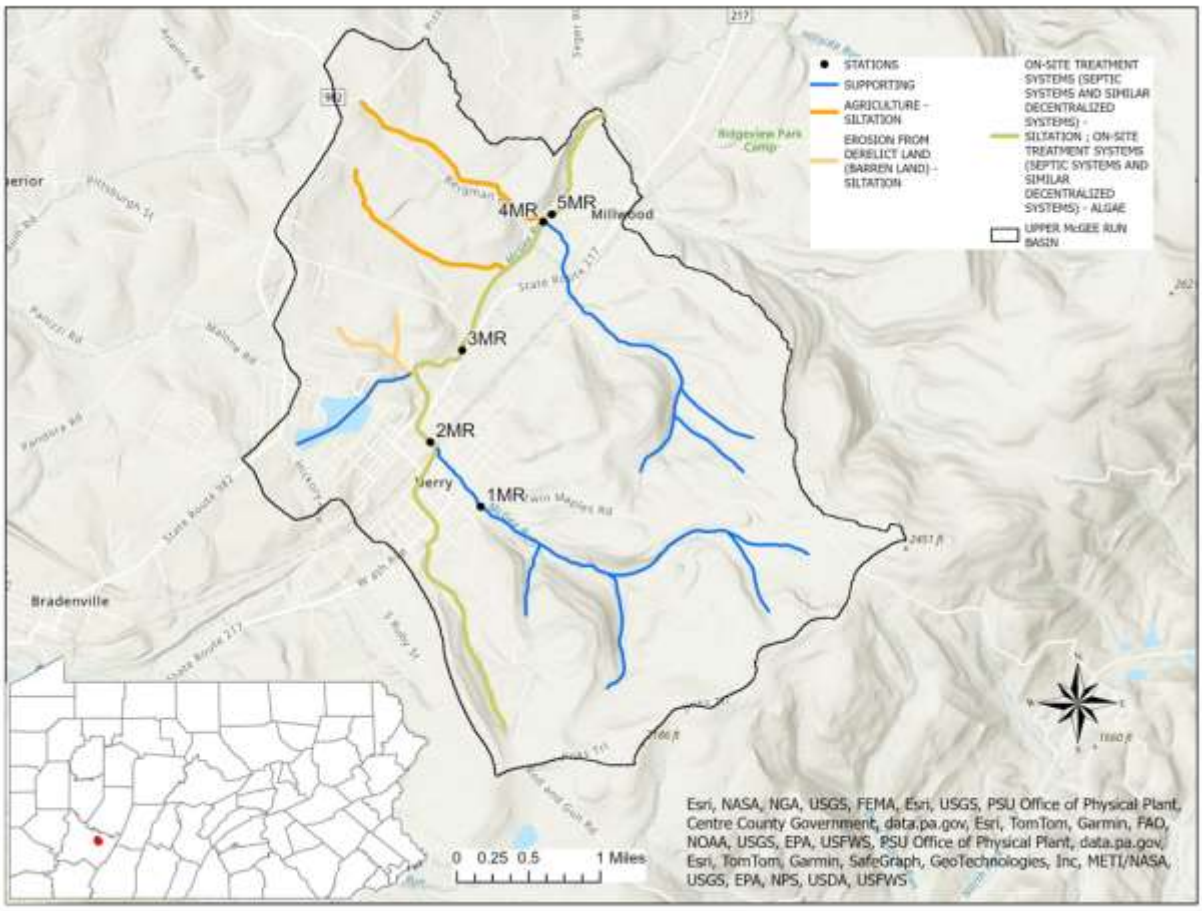
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20240502-1030-redunlap
Macroinvertebrate Score	65.5
Passed Macroinvertebrate Qualifier Questions?	Yes
Instream Habitat Score	33
Bank Habitat Score	30
Total Habitat Score	190

CAUSE REMOVAL JUSTIFICATION FOR
MCGEE RUN

HUC: 05010007
DEP Stream Code: 44716
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Upper McGee Run Cause Removal



McGee Run from headwater of UNT 44763 to McGee Run downstream to confluence with UNT 44750 was impaired for:

Old AU 12684 and 12682

Source On-site treatment systems, Cause Algae (2006)

Source On-site treatment systems, Cause Siltation (2006)

McGee Run is now impaired for:

New AU 24234

Source Municipal (Urbanized High-Density Area), Cause Stream Modification (2026)

Source Municipal (Urbanized High-Density Area), Cause Habitat Alterations (2026)

New AU 24235

Source Municipal (Urbanized High-Density Area), Cause Siltation (2006)

Source Municipal (Urbanized High-Density Area), Cause pH, High (2026)

Source Municipal (Urbanized High-Density Area), Cause Habitat Alterations (2026)

New AU 24236

Source Municipal (Urbanized High-Density Area), Cause Siltation (2006)
Source Municipal (Urbanized High-Density Area), Cause Habitat Alterations (2026)
Source Municipal Point Source Discharge, Cause Eutrophication (2006)
Source Agriculture, Cause Siltation (2006)
Source Agriculture, Cause Habitat Alterations (2026)

Comments

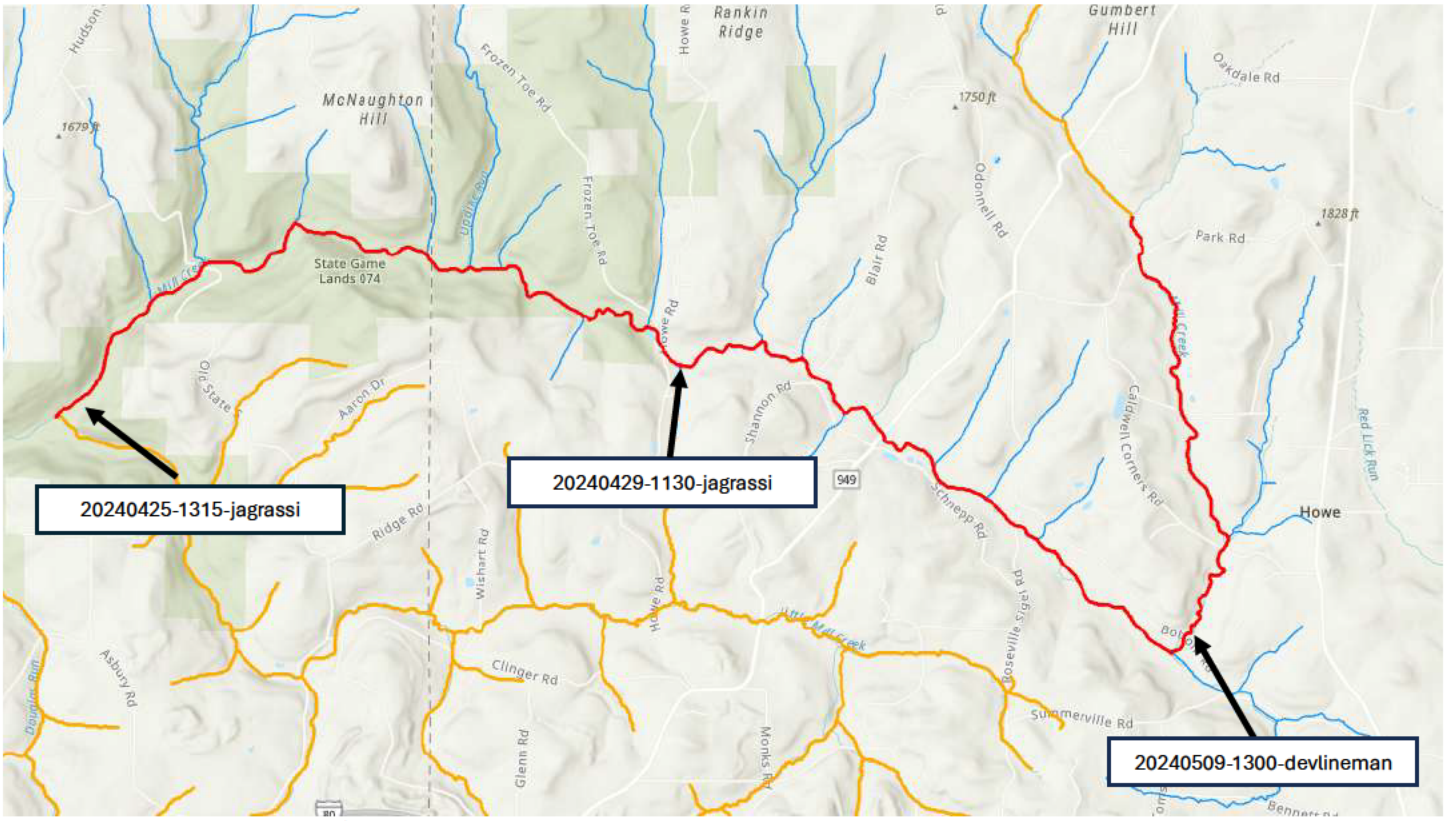
A reassessment of upper McGee Run was conducted in 2020 and 2024. Results indicated that eutrophication, not algae, was impairing the lower portion of this watershed and the upper portion showed no signs of an algae impairment. The old algae impairment was not appropriate based on water chemistry and field observations that did not indicate an accumulation of organic matter or algae. The original listing used the family level SSWAP sampling protocol and was based only on field observations. The new data collected in 2020 and 2024 was located at the previously collected SSWAP locations in addition to new locations to better capture representativeness.

Siltation will also be removed from UNT 44673. This portion of the watershed is dominated by the USACOE concrete levee system built for Derry Borough. This area is in the borough of Derry with concrete channel and urbanization. This evidence supports that Stream Modification is a more appropriate cause of impairment than Siltation. The rest of the basin remains impaired for siltation and habitat alterations due to agriculture and municipal landuse.

CAUSE REMOVAL JUSTIFICATION FOR
MILL CREEK - CLARION AND JEFFERSON COUNTIES

HUC: 05010005
DEP Stream Code: 49706
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mill Creek Cause Removal



Old AU 11399: AMD/Metals (1996)
Old AU 11401: AMD/ Metals (2002)
Old AU 11400: AMD/ Metals (1996)
New AU 24411: AMD/Siltation

Comments

This section of Mill Creek was listed on the 1996 and 2002 Integrated List with the Source: Acid Mine Drainage and the Cause: Metals. Prior assessment efforts were limited to SSWAP surveys. An ALU reassessment was conducted in 2024 and included a habitat assessment along with macroinvertebrate, fish, and water chemistry sampling at three stations. Total iron and total aluminum, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria at all three stations (Table 1). The habitat assessment indicated impairment with instream embeddedness + sediment deposition scores of 24, 21, and 25. Additionally, areas of expansive silt collection were observed within this section of Mill Creek. Macroinvertebrate sampling at the three stations indicated that while pollution intolerant macroinvertebrates were present the overall abundance was lacking. At 20240425-1315-jagrassi and 20240429-1130-jagrassi the IBI was 89.3 and 67.7 but there were only 170 and 117 individuals collected respectively. At 20240509-1300-devlineman the IBI (58.4) was below the impairment threshold. Decisions based off this reassessment effort included removing the previous

impairment (Source: Acid Mine Drainage Cause: Metals) and adding the impairment (Source: Acid Mine Drainage Cause: Siltation).

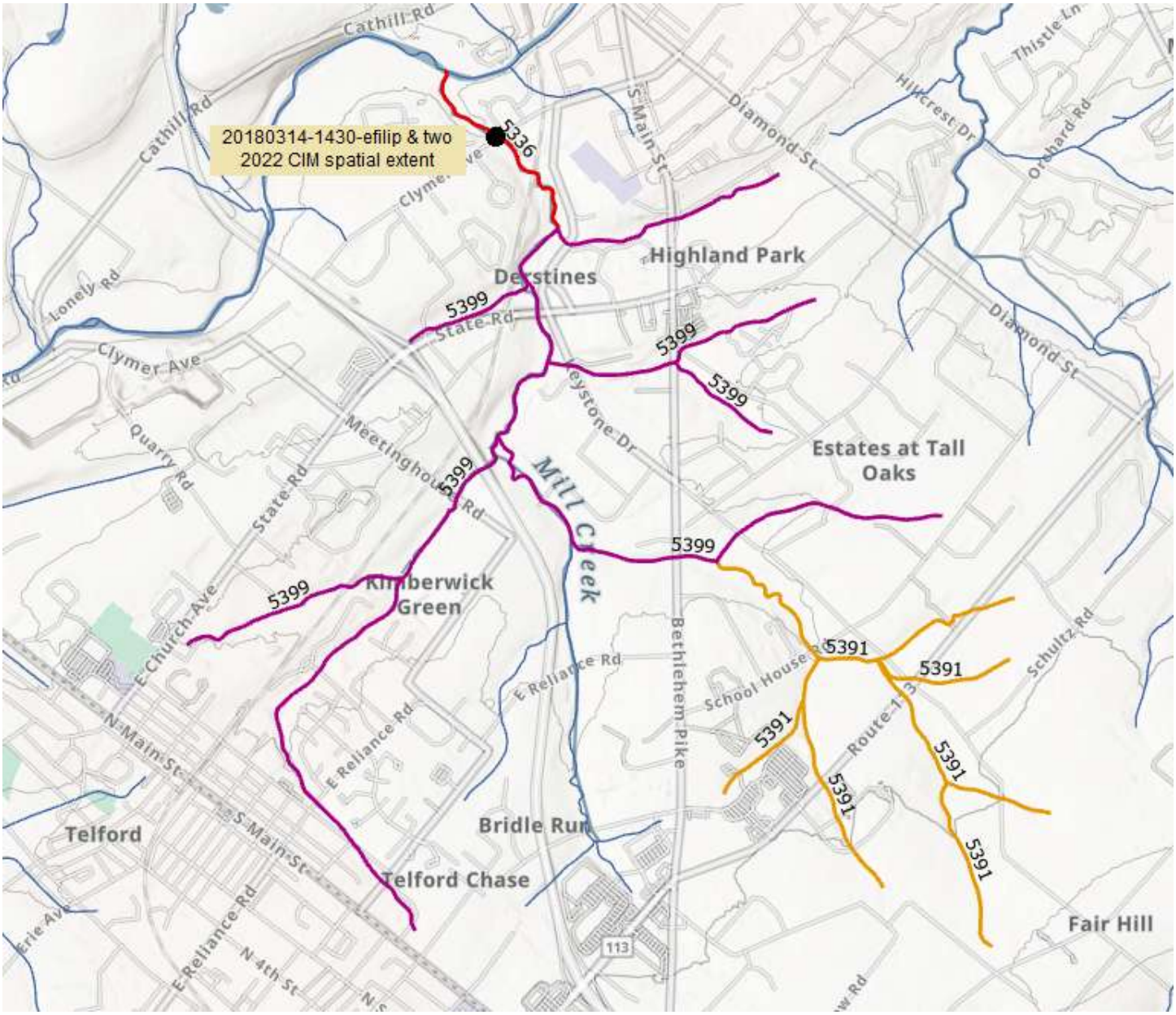
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20240425-1315-jagrassi	20240429-1130-jagrassi	20240509-1300-devlineman
Macroinvertebrate IBI Score	72.9	67.7	58.4
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes	No
Instream Habitat Score	24	21	25
Bank Habitat Score	33	28	27
Total Habitat Score	195	164	168
pH	6.74	6.57	6.84
Total Iron (µg/L)	238	633	372
Total Aluminum (µg/L)	79	161	49

CAUSE REMOVAL JUSTIFICATION FOR
MILL CREEK - BUCKS COUNTY

HUC: 02040203
DEP Stream Code: 01233
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mill Creek Cause Removal



Old AU 5336: Site Clearance (Land Development or Redevelopment) / Siltation (2004); Urban Runoff/Storm Sewers / Siltation (2004).

Old AU 5391: Agriculture / Siltation (2004); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).

Old AU 5399: Site Clearance (Land Development or Redevelopment) / Siltation (2004); Urban Runoff/Storm Sewers / Flow Regime Modification (2004), Siltation (2004).

New AU 23927: Habitat Modification (Other than Hydromodification / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2004), pH, High (2026).

Comments

The majority of the Mill Creek watershed was impaired for Siltation in 2004. The middle and upper watershed was also impaired for Flow Regime Modification in 2004. Only the very headwaters remained supporting. The siltation impairments were delisted, citing new data. The new basin assessment on Mill Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment showed good Sediment Deposition and Embeddedness scores that totaled 29, above the aggregate attainment threshold of 24 for Siltation. Regarding the Site Clearance source, at least 14 years have passed since being initially listed, and no obvious development projects were seen in the watershed, likely having been completed in that time. The entire watershed is now impaired for Flow Regime Modification, and new Eutrophication, high pH, and Habitat Alterations impairments were added.

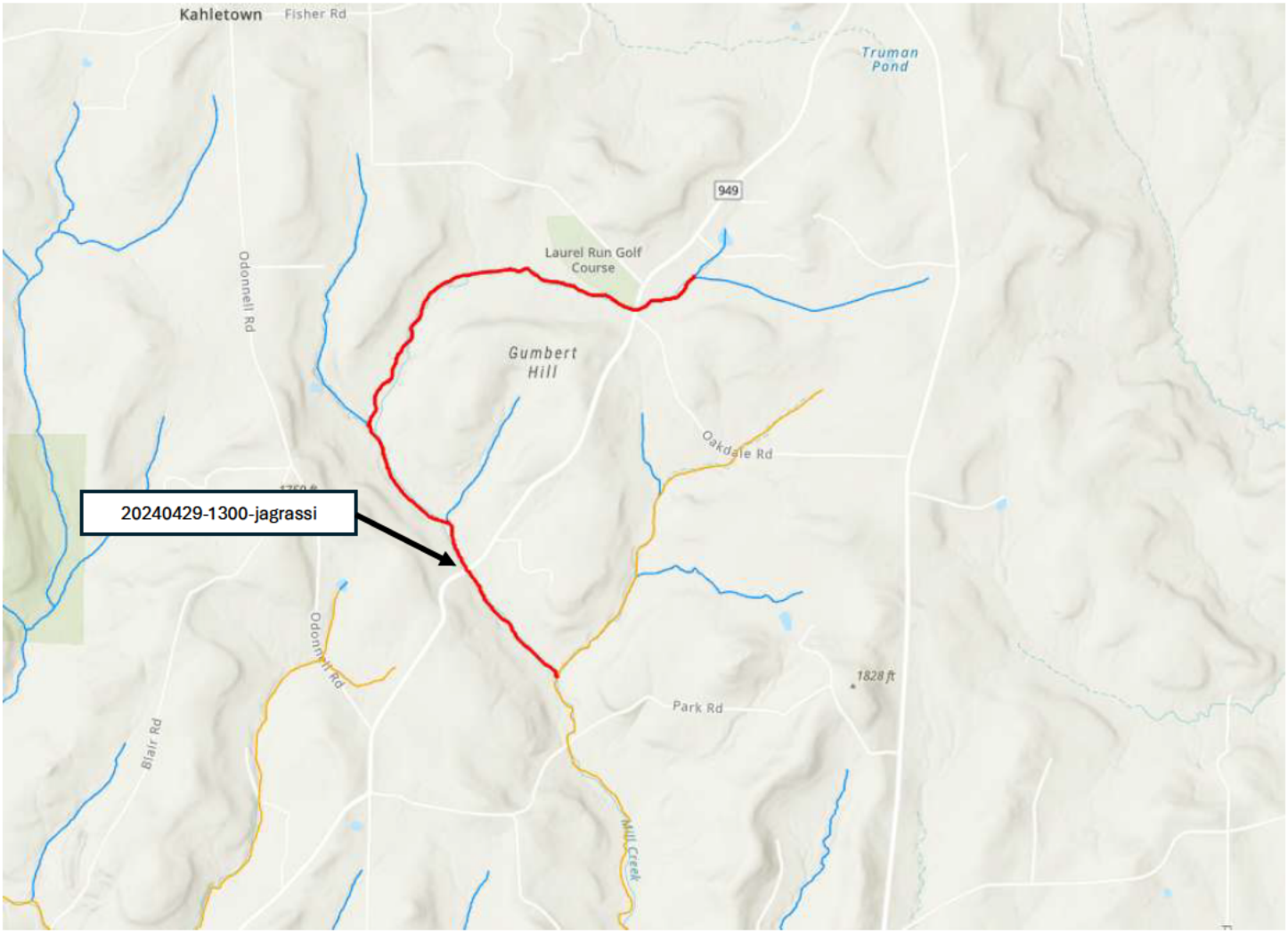
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20180314-1430-efilip
Macroinvertebrate score	25.8
Embeddedness score	15
Sediment Deposition score	14
Embeddedness + Sediment total	29

CAUSE REMOVAL JUSTIFICATION FOR
MILL CREEK - JEFFERSON COUNTY

HUC: 05010005
DEP Stream Code: 49706
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Mill Creek Cause Removal (Headwaters)



Old AU 11399: AMD/ Metals (1996)
New AU 24413: AMD/ pH Low

Comments

This section of Mill Creek was listed on the 1996 Integrated List with the Source: Acid Mine Drainage and the Cause: Metals. Prior assessment efforts were limited to SSWAP surveys. An ALU reassessment was conducted in 2024 and included a habitat assessment along with macroinvertebrate, fish, and water chemistry sampling at 20240429-1300-jagrassi. Total iron and total aluminum, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria (Table 1). Using the Water Quality Index (WQI) tool the water sample scored 53 which is considered a rating of fair. Additionally, the Sub-WQI grouped with land disturbance which is consistent with elevated acid mine drainage parameters. The macroinvertebrate acid tolerance index score was greater than the impairment threshold of 53. Decisions based off this reassessment effort included removing the

previous impairment (Source: Acid Mine Drainage Cause: Metals) and adding the impairment (Source: Acid Mine Drainage Cause: pH Low).

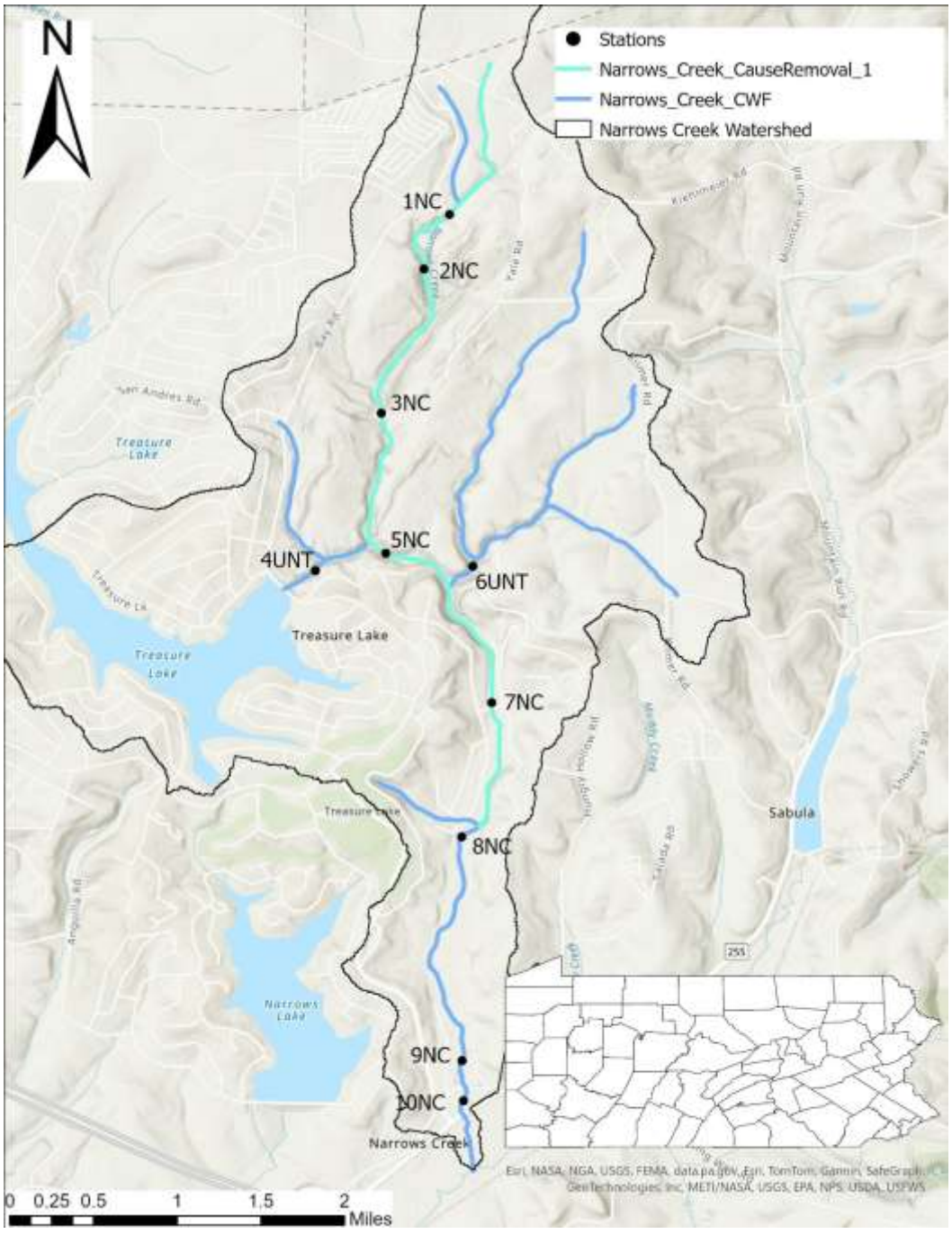
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20240429-1300-jagrassi
Macroinvertebrate IBI Score	71.5
Passed Macroinvertebrate Qualifier Questions?	No
Macroinvertebrate ATI Score	59.3
Instream Habitat Score	27
Bank Habitat Score	28
Total Habitat Score	188
pH	6.62
Total Iron (µg/L)	351
Total Aluminum (µg/L)	144

CAUSE REMOVAL JUSTIFICATION FOR NARROWS CREEK

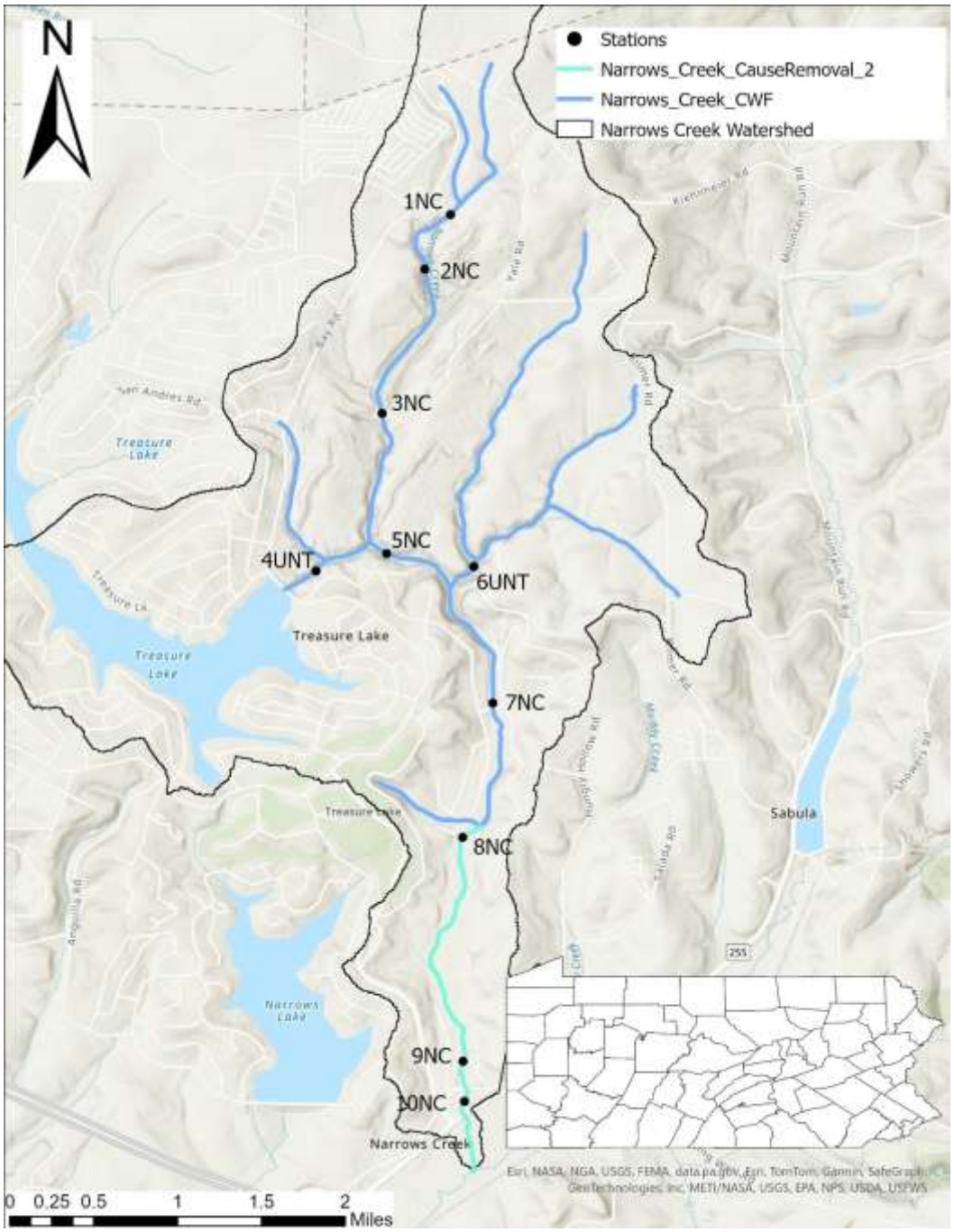
HUC: 05010006
DEP Stream Code: 48834
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Narrows Creek Cause Removal 1



Old AU 1678: Acid Mine Drainage/Metals (1996)
New AU 24392: ALU Supporting (2026)

Narrows Creek Cause Removal 2



Old AU 21969: AMD/Aluminum (1996), AMD/Iron (1996), AMD/Manganese (1996), Municipal Point Source Discharges/Cause Unknown (2022)

New AU 24393: Habitat Modification other than Hydromodification/Habitat Alterations (2026)

Habitat Modification other than Hydromodification/Siltation (2026)

Comments

Narrows Creek was listed on the 1996 Integrated List based on water quality sample results showing metal impairments from Acid Mine Drainage. In 2022, a Municipal Point Source Discharge impairment was identified due to the Treasure Lake Wastewater Treatment Facility (WWTF), and the metal impairments were refined to Aluminum, Iron, and Manganese on the most downstream reach. The Treasure Lake Resort West-Side Wastewater Treatment Facility was upgraded, and the East-Side Wastewater Treatment Facility was decommissioned. New water quality data and macroinvertebrate data was collected in 2023, 2024 & 2025. The results of these collections indicated no metal impairments throughout the watershed, as well as no impairments related to the Municipal Point Discharge located between stations 9NC and 10NC.

Table 1. 2023 & 2024 base flow Metals data used to justify cause removal.

Cause Removal Info	1NC	2NC	3NC	5NC	7NC	8NC	9NC	10NC
ALUMINUM D (µg/L)	23.3	<15.0	28.3	19.3	30.7	15.1	16.7	<15.0
ALUMINUM T (µg/L)	44.3	300.4	93.1	30.0	51.5	20.5	74.9	139
IRON D (µg/L)	<100	<100	<100	147	<100	<100	<100	<100
IRON T (µg/L)	<100	1410	219	248	146	<100	196	301
MANGANESE D (µg/L)	<10	22	161	99	22	<10	47	84
MANGANESE T (µg/L)	21	204	182	104	25	<10	53	94

Table 2. 2025 high flow Metals data used to justify cause removal.

Cause Removal Info	1NC	3NC	5NC	7NC	8NC	10NC
ALUMINUM D (µg/L)	63.6	53.2	32.8	27.9	27	19.4
ALUMINUM T (µg/L	150	214	351	249	166	172
IRON D (µg/L)	<100	<100	<100	<100	<100	<100
IRON T (µg/L)	140	130	342	348	203	306
MANGANESE D (µg/L)	43	117	88	51	36	38
MANGANESE T (µg/L)	58	125	110	67	47	50

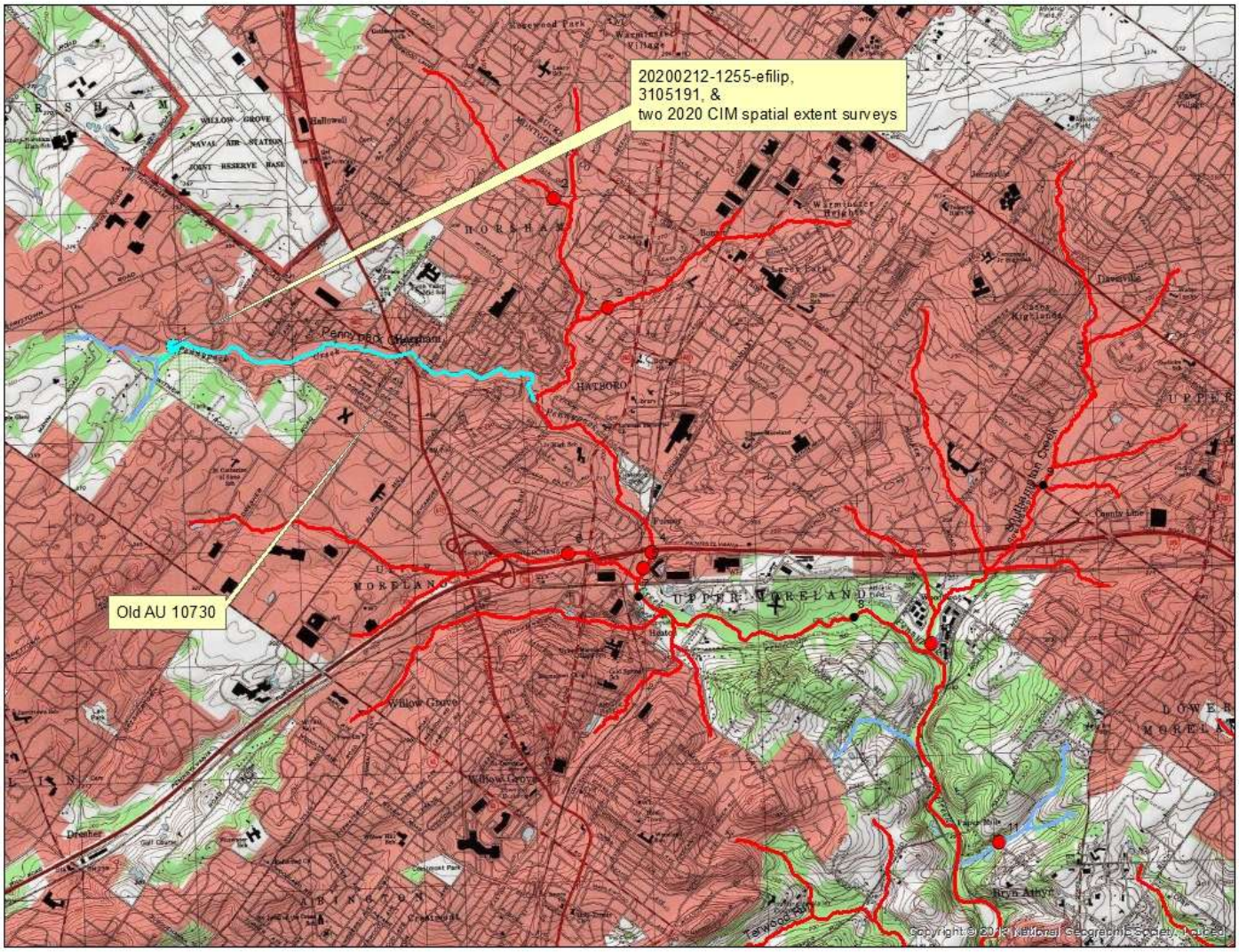
Table 3. Benthic Macroinvertebrate data used to justify cause removal.

Cause Removal Info	1NC	2NC	3NC	5NC	7NC	8NC	9NC	10NC
Macroinvertebrate IBI Score	83.7	92.8	87.8	83.6	67.1	85.0	74.4	53.5
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

CAUSE REMOVAL JUSTIFICATION FOR
PENNYPACK CREEK (AU 24438)

HUC: 02040202
DEP Stream Code: 02409
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Pennypack Creek Cause Removal



Old AU 10730: Urban Runoff/Storm Sewers / Dewatering (2002), Flow Regime Modification (2002), Habitat Alterations (2002).
New AU 24438: Habitat Modification (Other than Hydromodification) / Habitat Alterations (2002); Urban Runoff/Storm Sewers / Dissolved Oxygen (2026), Eutrophication (2026), Flow Regime Modification (2002), Siltation (2026).

Comments

A reach of Pennypack Creek (02409) was impaired for Urban Runoff/Storm Sewers / Dewatering, in addition to Flow Regime Modification and Habitat Alterations in 2002. The Dewatering impairment was delisted, citing new data. The new assessment on Pennypack Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols*

for Streams and Rivers. A habitat assessment showed optimal Channel Flow Status and Velocity/Depth Regimes scores of 18 apiece. The stream remained impaired for Flow Regime Modification and Habitat Alterations, and new Dissolved Oxygen, Eutrophication, and Siltation impairments were added.

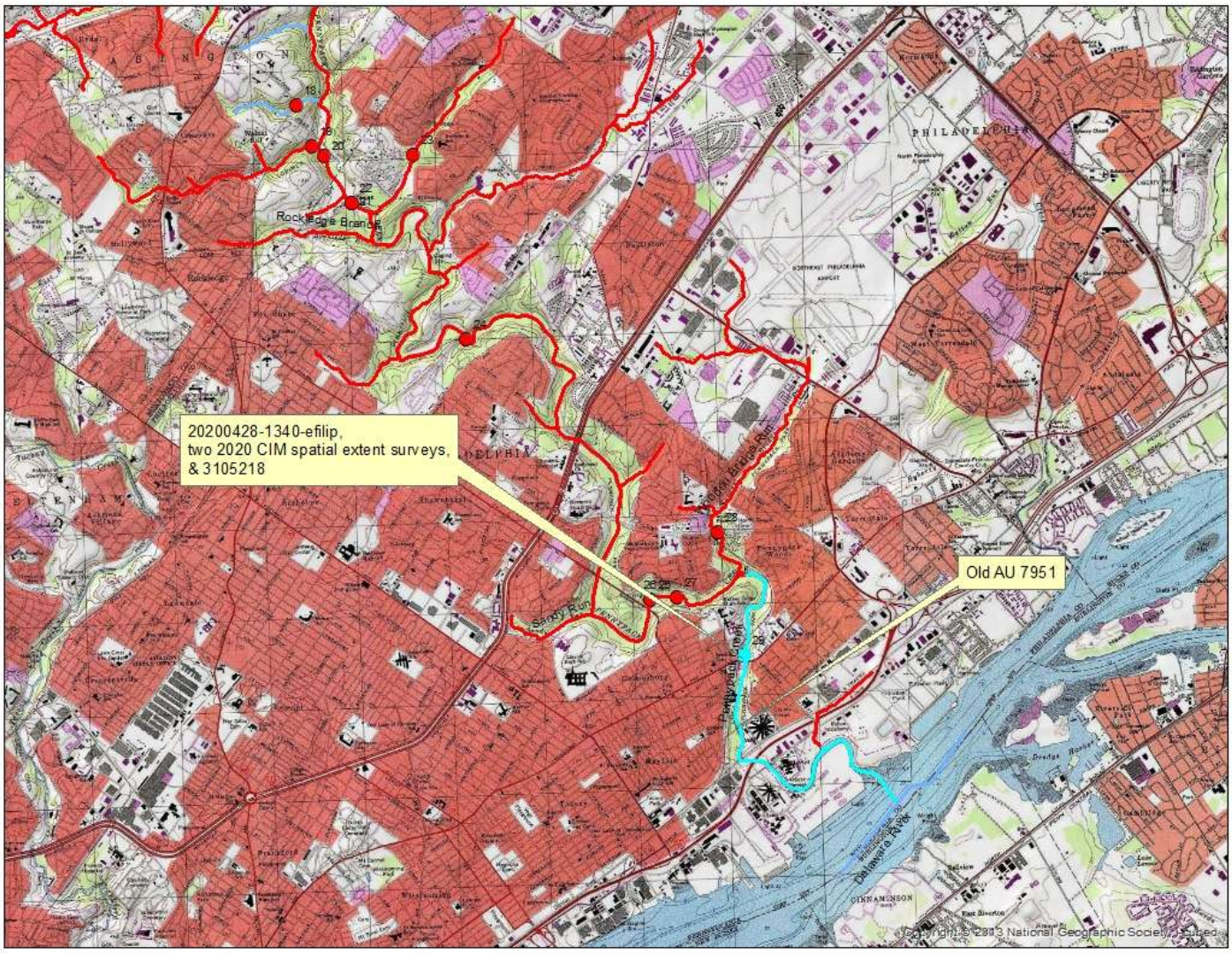
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200212-1255-efilip
Macroinvertebrate score	24.8
Channel Flow Status score	18
Velocity/Depth Regimes score	18

CAUSE REMOVAL JUSTIFICATION FOR
PENNYPACK CREEK (AU 24444)

HUC: 02040202
DEP Stream Code: 02409
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

Pennypack Creek Cause Removal



Old AU 7951: Industrial Point Source Discharge / Organics (1996); Municipal Point Source Discharges / Organic Enrichment (1996).
New AU 24444: Municipal Point Source Discharges / Eutrophication (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2026), Siltation (2026).

Comments
A reach of Pennypack Creek (02409) downstream from lower Rhawn St was impaired for Industrial Point Source Discharge / Organics (1996) and Municipal Point Source Discharges / Organic Enrichment (1996). Both impairments were removed, citing that the listings were originally incorrect. The Organics listing was in reference to a groundwater contamination case against Fischer & Porter Co. But that site is located in the headwaters of the watershed at an UNT Pennypack Creek, where old

assessment 7775 was also listed for the same impairment. The listing here at the tidal mouth of Pennypack Creek is therefore duplicative and in the entirely wrong location. In addition, the correct headwater impairment is also being delisted for new data in a separate document. The Organic Enrichment listing is also in the wrong location. As detailed in the Pennypack Creek TMDL, that listing should have been located on the mainstem of Pennypack Creek between Upper Moreland Hatboro Joint Sewer Authority (UMHJSA) and lower Rhawn St. Instead, the impairment was only located here at the mouth of Pennypack Creek, the wrong location as it is downstream from Rhawn St. The listing should be moved to its proper location upstream. The new assessment on Pennypack Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A water chemistry sample (3105218) showed a low Carbonaceous Biological Oxygen Demand (CBOD) reading of 1.4 mg/L. The stream remained impaired though, as new Eutrophication, Flow Regime Modification, and Siltation impairments were added.

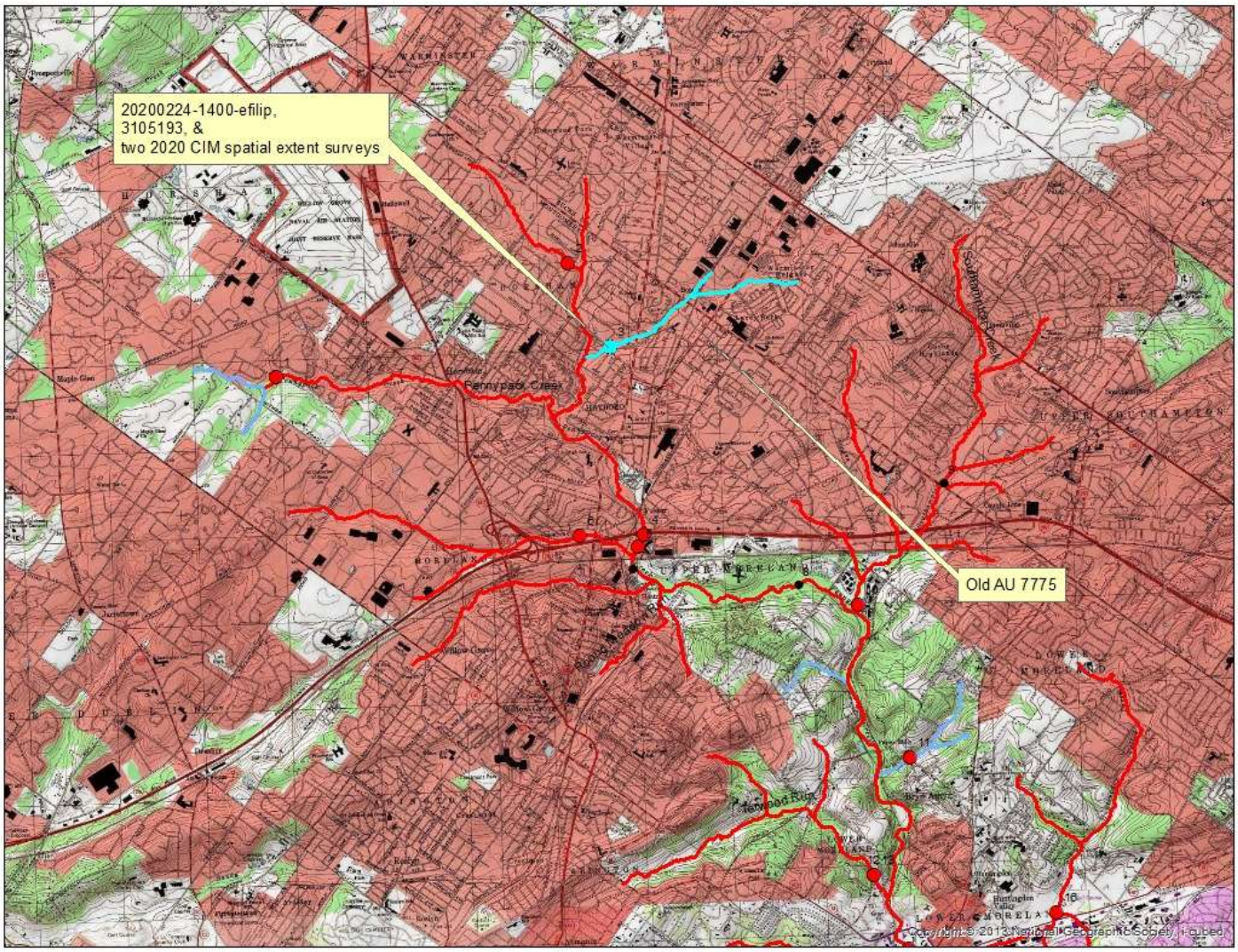
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200428-1340-efilip	3105218
Macroinvertebrate score	23.2	
Carbonaceous Biological Oxygen Demand (CBOD)		1.4 mg/L

CAUSE REMOVAL JUSTIFICATION FOR
UNT PENNYPACK CREEK

HUC: 02040202
DEP Stream Code: 02463
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT Pennypack Creek Cause Removal



Old AU 7775: Industrial Point Source Discharge / Metals (1998), Organics (1998).
New AU 24439: Habitat Modification (Other than Hydromodification) / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Dissolved Oxygen (2026), Eutrophication (2026), Flow Regime Modification (2026), Siltation (2026).

Comments

A reach of Pennypack Creek (02463 & 02464) was impaired for Industrial Point Source Discharge / Metals (1998) and Organics (1998). Both impairments were delisted, citing new data. They were possibly, originally inappropriate. The listings were in reference to a groundwater contamination case against Fischer & Porter Co. At the time, no surface water impacts were detected above background levels. The new assessment on Pennypack Creek was based on macroinvertebrate, habitat, and

chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A current water chemistry sample (3105193) collected alongside the macroinvertebrate sample showed no Volatile Organic Compound (VOC) results above the detection level for TCE, PCE, or any other possible breakdown products of concern. No metal was above any level of concern. The stream remains impaired though, as new Habitat Alterations, Dissolved Oxygen, Eutrophication, Flow Regime Modification, and Siltation impairments were added.

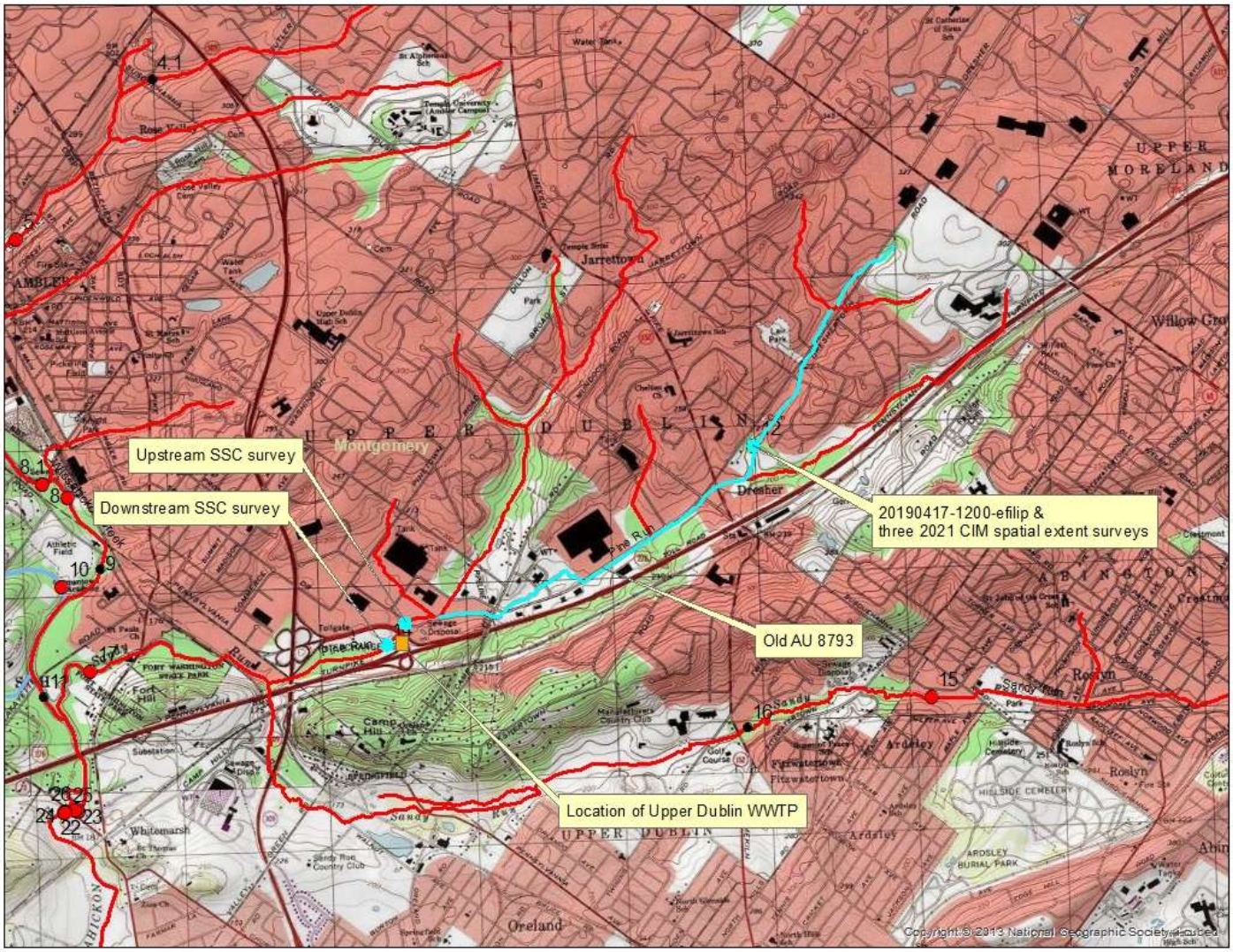
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200224-1400-efilip	3105193
Macroinvertebrate score	23.8	
Trichloroethylene (TCE)		< 0.5 µg/L
Tetrachloroethene (PCE)		< 0.5 µg/L
1,1-Dichloroethene		< 0.5 µg/L
1,2-Dichloroethene		< 0.5 µg/L
1,1,1-Trichloroethane		< 0.5 µg/L
Chloroethene (Vinyl Chloride)		< 0.5 µg/L
Aluminum - total		< 300 µg/L
Cadmium - total		< 0.2 µg/L
Chromium - total		< 4 µg/L
Copper - total		< 10 µg/L
Iron - total		146 µg/L
Lead - total		< 1 µg/L
Manganese - total		36 µg/L
Mercury - total		< 0.2 µg/L
Nickel - total		< 50 µg/L
Sulfate - total		26.92 mg/L
Zinc - total		< 30 µg/L

CAUSE REMOVAL JUSTIFICATION FOR
PINE RUN

HUC: 02040203
DEP Stream Code: 00860
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

Pine Run Cause Removal



Old AU 8793: Habitat Modification - Other than Hydromodification / Habitat Alterations (2002); Municipal Point Source Discharges / Nutrients (2002); Urban Runoff/Storm Sewers / Flow Regime Modification (2002), Nutrients (2002), Siltation (2002).
New AU 23534: Habitat Modification - Other than Hydromodification / Habitat Alterations (1998); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (1998), Siltation (1998).

Comments

A portion of Pine Run (00860) was impaired for Municipal Point Source Discharges / Nutrients (2002) and Urban Runoff/Storm Sewers / Nutrients (2002), among other sources and causes. The Nutrient impairments were delisted as being originally incorrect. While the reach downstream was impacted by nutrients from Upper Dublin WWTP, this upstream reach was not. No other major point source could

be implicated, so it must have been included in error. The new assessment on Pine Run is based on macroinvertebrate, habitat, and chemistry data collected in 2019 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. Also collected was a series of eight water chemistry samples and field readings that bracketed the WWTP as part of a site-specific criteria study, with the upstream samples in this reach. In contrast with the findings below the WWTP, nutrients in the upstream reach of Pine Run were at moderate levels. The average total Nitrogen level was 2.15 mg/L, and the average total Phosphorous level was 0.047 mg/L. Along with the mistaken MPS source implication, this supported delisting the Nutrient impairments in the headwaters.

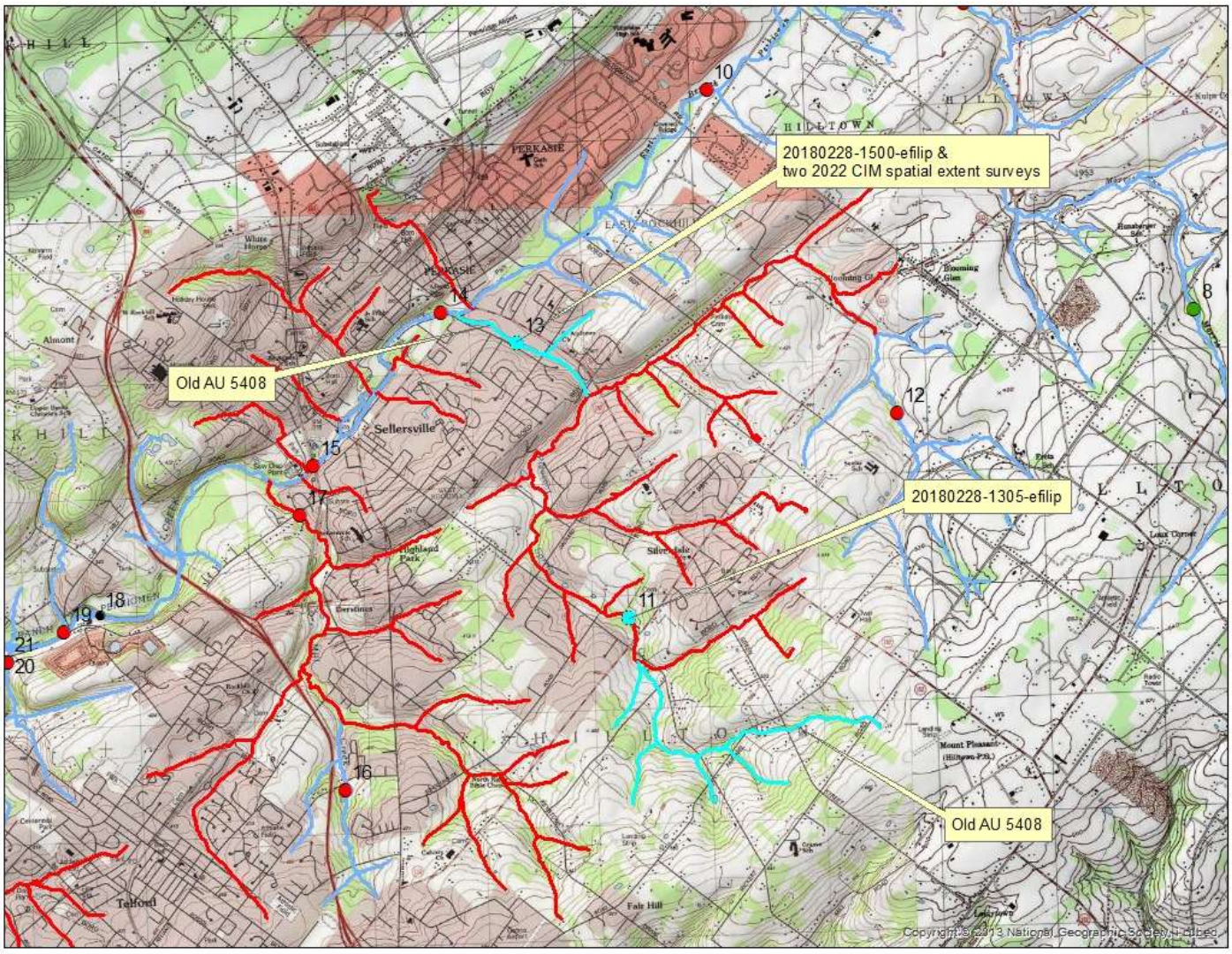
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20190417-1200-efilip	2019 SSC survey mean above WWTP	2019 SSC survey mean below WWTP
Macroinvertebrate score	22.2		
Nitrogen - total	2.17 mg/L	2.15 mg/L	5.12 mg/L
Phosphorous - total	0.038 mg/L	0.047 mg/L	0.267 mg/L

CAUSE REMOVAL JUSTIFICATION FOR
PLEASANT SPRING CREEK

HUC: 02040203
DEP Stream Code: 01248
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Pleasant Spring Creek Cause Removal 1



Old AU 5408: Agriculture / Siltation (2004); Site Clearance (Land Development or Redevelopment) / Siltation (2004); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).
New AU 23924: Agriculture / Eutrophication (2026); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).
New AU 23925: Agriculture / Eutrophication (2026), pH, High (2026); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).

Comments
Old assessment 5408 was split into three unjoined portions. This delisting pertains to the two portions on Pleasant Spring Creek, with the third portion on an UNT of East Branch Perkiomen Creek maintaining its impairments. The reaches on Pleasant Spring Creek (01248, 01268, 01269) were

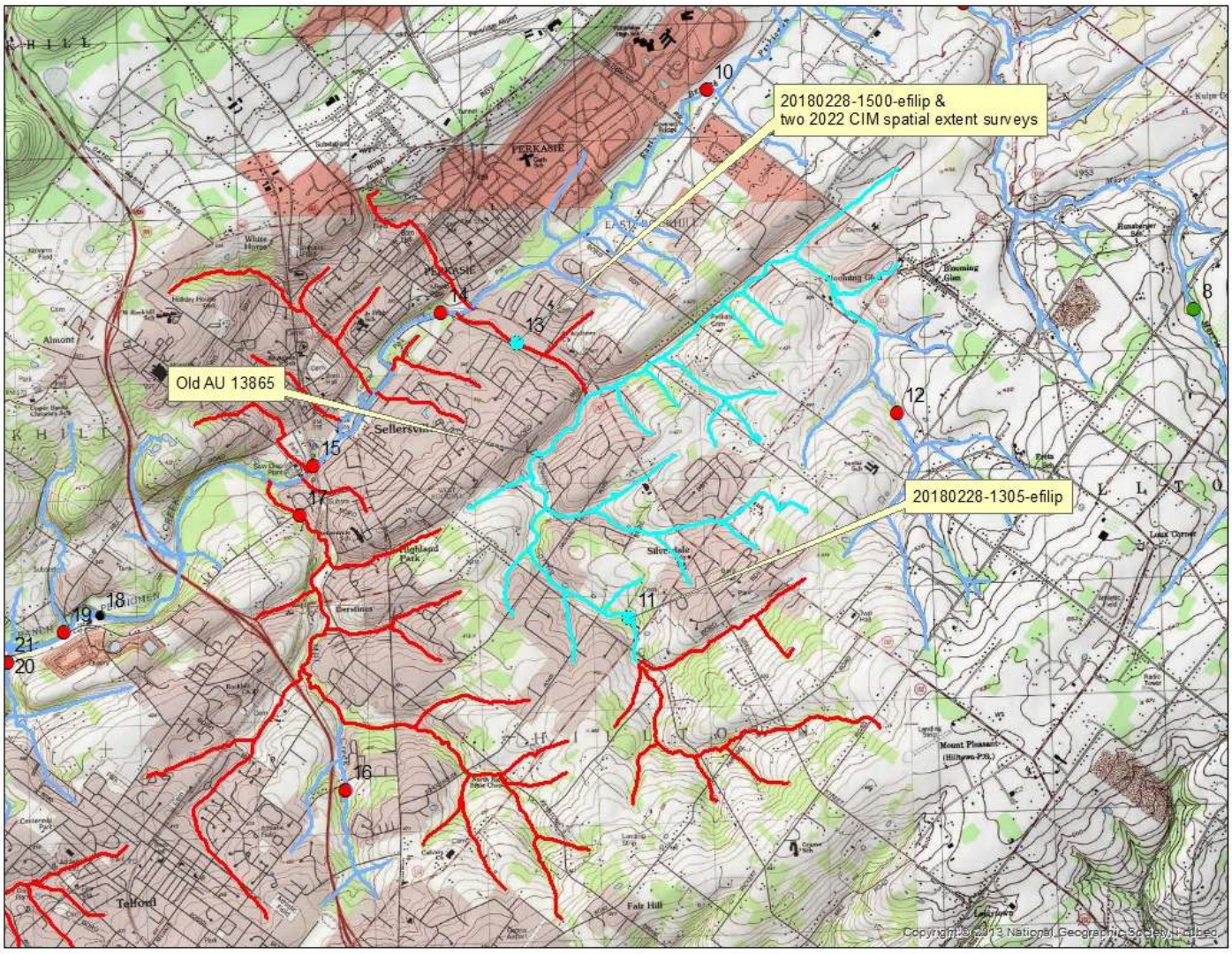
impaired for Agriculture / Siltation (2004) and Site Clearance (Land Development or Redevelopment) / Siltation (2004), in addition to Urban Runoff/Storm Sewers / Flow Regime Modification (2004). The Siltation impairments were delisted, citing new data. The new assessment on Pleasant Spring Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. Two habitat assessments showed good Sediment Deposition and Embeddedness scores that totaled 32 and 30, above the aggregate attainment threshold of 24 for Siltation. Regarding the Site Clearance source, at least 14 years have passed since being initially listed, and no obvious development projects were seen in the watershed, likely having been completed in that time. The stream remained impaired for Flow Regime Modification, and a new Eutrophication impairment was added (AU 23924 & 23925). In addition, for the lower reach of Pleasant Spring Creek, a High pH impairment was also added (AU 23925). In this new assessment, each reach was combined with other segments to make more cohesive listings that better reflected current conditions.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20180228-1305-efilip	20180228-1500-efilip
Macroinvertebrate score	48.5	37.2
Embeddedness score	17	16
Sediment Deposition score	15	14
Embeddedness + Sediment total	32	30

HUC: 02040203
DEP Stream Code: 01248
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Pleasant Spring Creek Cause Removal 2



Old AU 13865: Urban Runoff/Storm Sewers / Flow Regime Modification (2006), Siltation (2006).
New AU 23924: Agriculture / Eutrophication (2026); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).
New AU 23925: Agriculture / Eutrophication (2026), pH, High (2026); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).

Comments

A reach of Pleasant Spring Creek (01248, 01250, 01251, 01252, 1253, 1254, 01262, 01263, 01264, 01265, 01266) was impaired for Urban Runoff/Storm Sewers / Flow Regime Modification (2006) and Siltation (2006). The Siltation impairment was delisted, citing new data. The new assessment on Pleasant Spring Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2018

according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. Two habitat assessments showed good Sediment Deposition and Embeddedness scores that totaled 32 and 30, above the aggregate attainment threshold of 24 for Siltation. The stream remained impaired for Flow Regime Modification, and a new Eutrophication impairment was added (AU 23924 & 23925). In addition, for the lower reach of Pleasant Spring Creek, a High pH impairment was also added (AU 23925). In this new assessment, the reach was divided in two, with each portion combined with other segments to make more cohesive listings that better reflected current conditions. The other old assessments referencing the same data used a date of 2004 for Flow Regime Modification, so the earlier year was used.

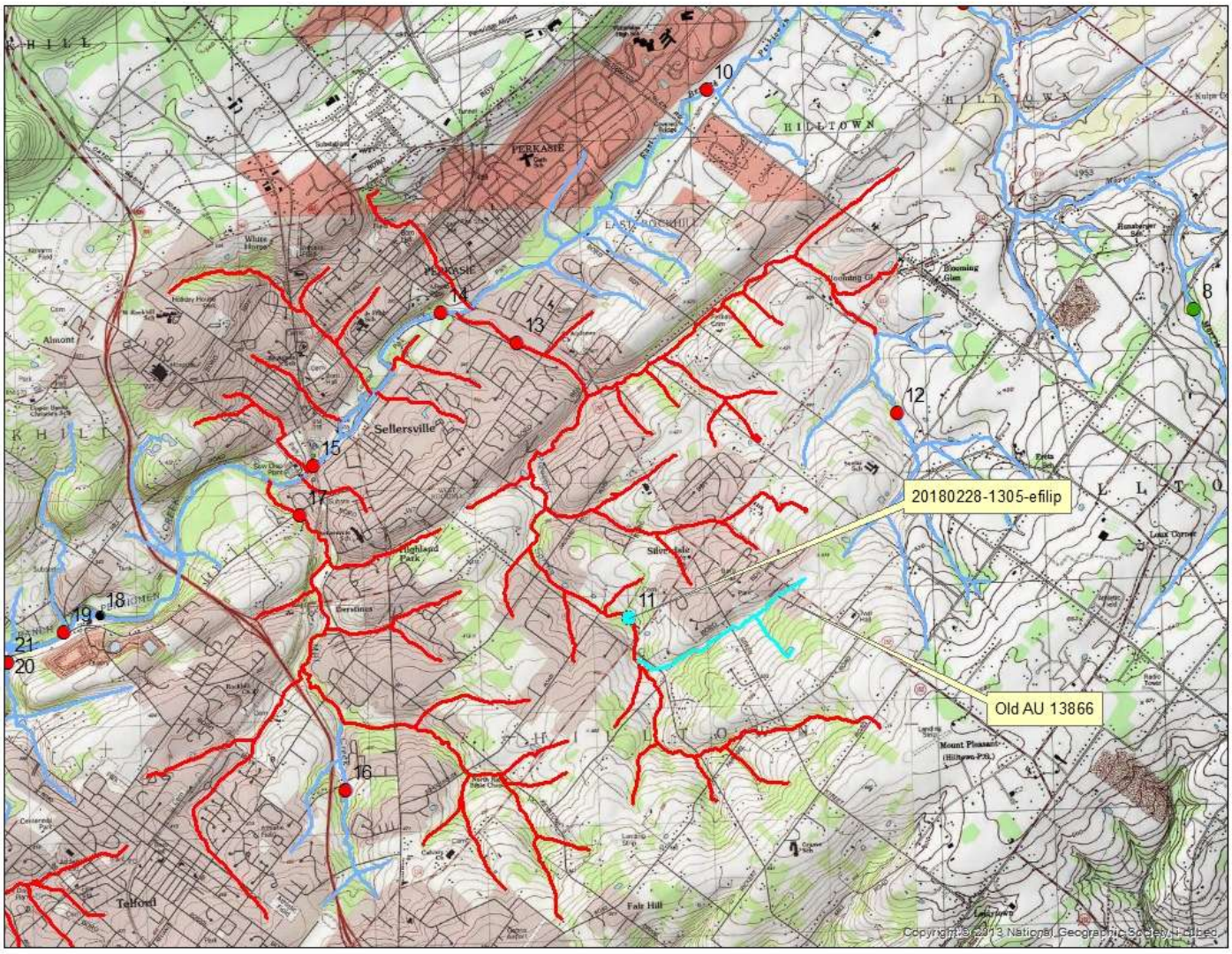
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20180228-1305-efilip	20180228-1500-efilip
Macroinvertebrate score	48.5	37.2
Embeddedness score	17	16
Sediment Deposition score	15	14
Embeddedness + Sediment total	32	30

CAUSE REMOVAL JUSTIFICATION FOR
UNT PLEASANT SPRING CREEK

HUC: 02040203
DEP Stream Code: 01267
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT Pleasant Spring Creek Cause Removal



Old AU 13866: Agriculture / Siltation (2006); Urban Runoff/Storm Sewers / Flow Regime Modification (2006), Siltation (2006).
New AU 23924: Agriculture / Eutrophication (2026); Urban Runoff/Storm Sewers / Flow Regime Modification (2004).

Comments

An UNT Pleasant Spring Creek (01267) was impaired for Agriculture / Siltation (2006) and Urban Runoff/Storm Sewers / Siltation (2006), in addition to Flow Regime Modification (2006). The Siltation impairments were delisted, citing new data. The new assessment on Pleasant Spring Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2018 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment showed good Sediment Deposition

and Embeddedness scores that totaled 32, above the aggregate attainment threshold of 24 for Siltation. The stream remained impaired for Flow Regime Modification, and a new Eutrophication impairment was added. In this new assessment, the reach was combined with other segments to make a more cohesive listing that better reflected current conditions. The other old assessments referencing the same data used a date of 2004 for Flow Regime Modification, so the earlier year was used.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20180228-1305-efilip
Macroinvertebrate score	48.5
Embeddedness score	17
Sediment Deposition score	15
Embeddedness + Sediment total	32

CAUSE REMOVAL JUSTIFICATION FOR
PLUM CREEK AND LITTLE PLUM CREEK

HUC: 05010009
DEP Stream Code: 42246
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Plum Creek and Little Plum Creek Cause Removal

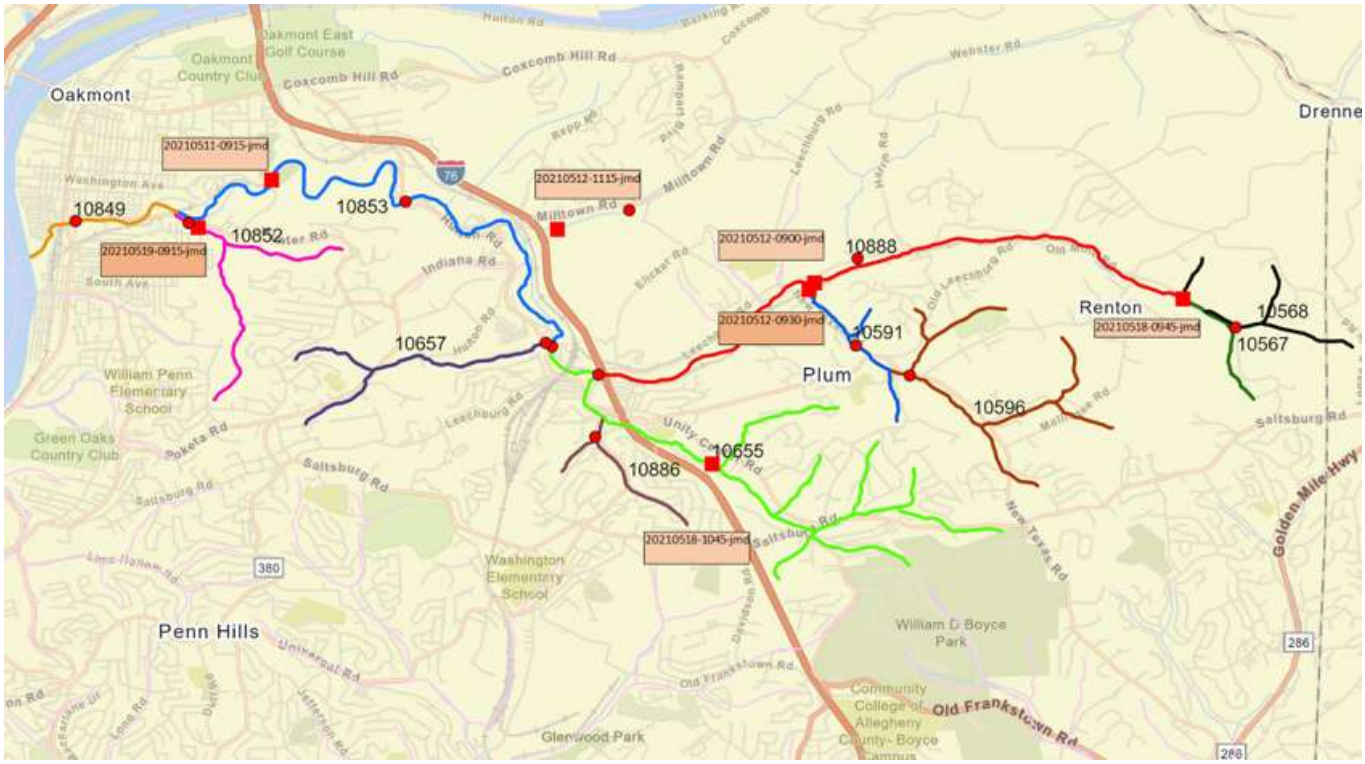


Figure 1. Old Impaired Assessment Units.

Table 1. Old and New Causes

Old Assessment #	Cause(s) removed	New Assessment #	New and/or Retained Cause(s)
10849	Metals (1996), Sulfate (2002), Oil and Grease (2002)	23669	Siltation (2026), Habitat Alteration (2026)
10852	Nutrients (2002), Oil and Grease (2002)		
10853	Metals (1996), Sulfate (2002), Oil and Grease (2002)		
10655	Nutrients (2002)	23667	Siltation (2002), Habitat Alteration (2026)
10886	Nutrients (2002)		
10567 LPC	Metals (1996), pH (2002)	23665	Aluminum (1996), Habitat Alteration (2026)
10888 LPC	Metals (1996), Nutrients (2002), Oil and Grease (2002)		
10568 UNT LPC	Metals (2004), pH (2004)		
10888 LPC	Metals (1996), Nutrients (2002), Oil and Grease (2002)	23668	Siltation (2026), Habitat Alteration (2026)
10591	Metals (2002)		
10596	Metals (2002), pH (2002)		

10657	Nutrients (2002)	23671	Siltation (2026), Habitat Alteration (2002)

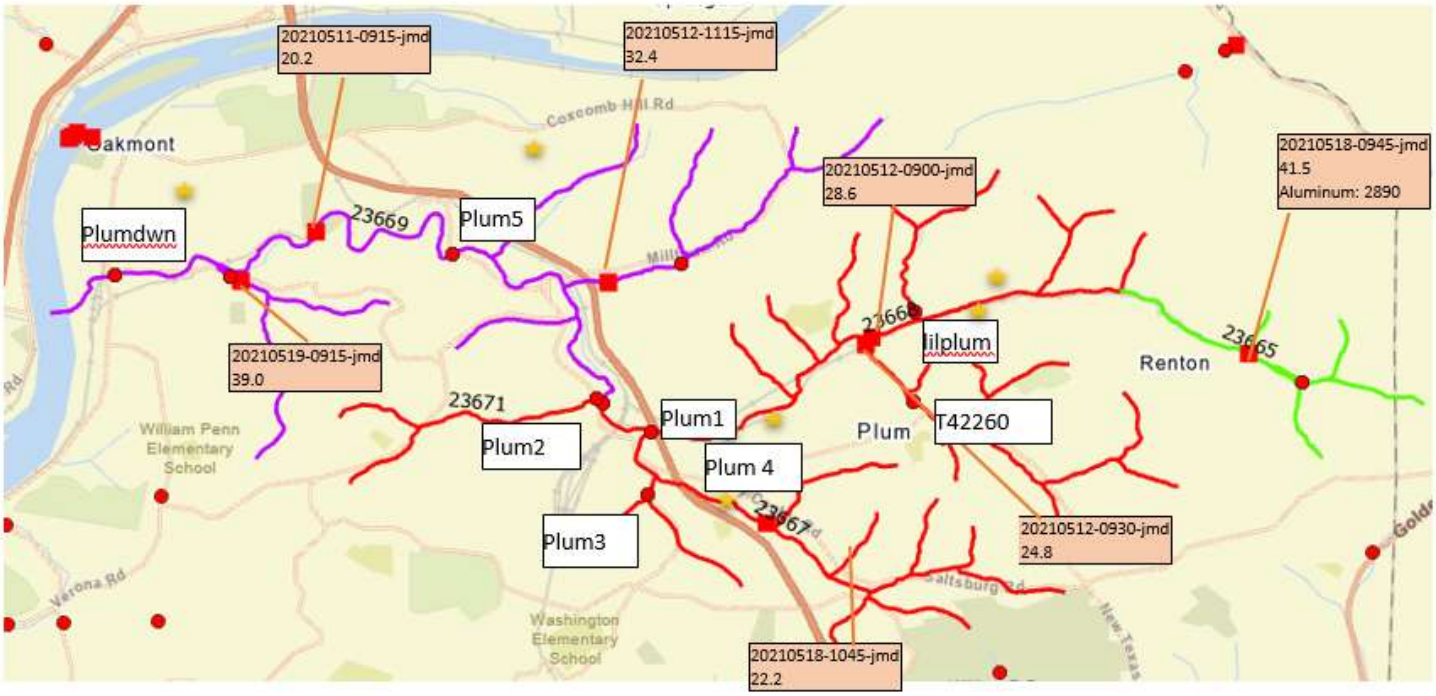


Figure 2: New Assessments and Additional Habitat Evaluation Locations.

Comments

The cause removals from Plum Creek and Little Plum Creek are based on new macroinvertebrate and water chemistry data collected in 2021 (Table 1). The chemistry data showed no criteria exceedances for pH at any of the stations. Only 1 exceedance of aluminum resulted in a refinement of metals on Little Plum Creek (Table 2). No other metals criteria exceedances occurred at any of the stations. Habitat assessments were conducted in 2023 and confirmed the retention or addition of siltation as a cause of impairment. The 2021 macroinvertebrate sampling followed the DEP 2017 Wadeable Riffle-Run Stream Macroinvertebrate Data Collection Protocol, and the 2023 habitat data was collected using the DEP's 2017 Stream Habitat Data Collection Protocol.

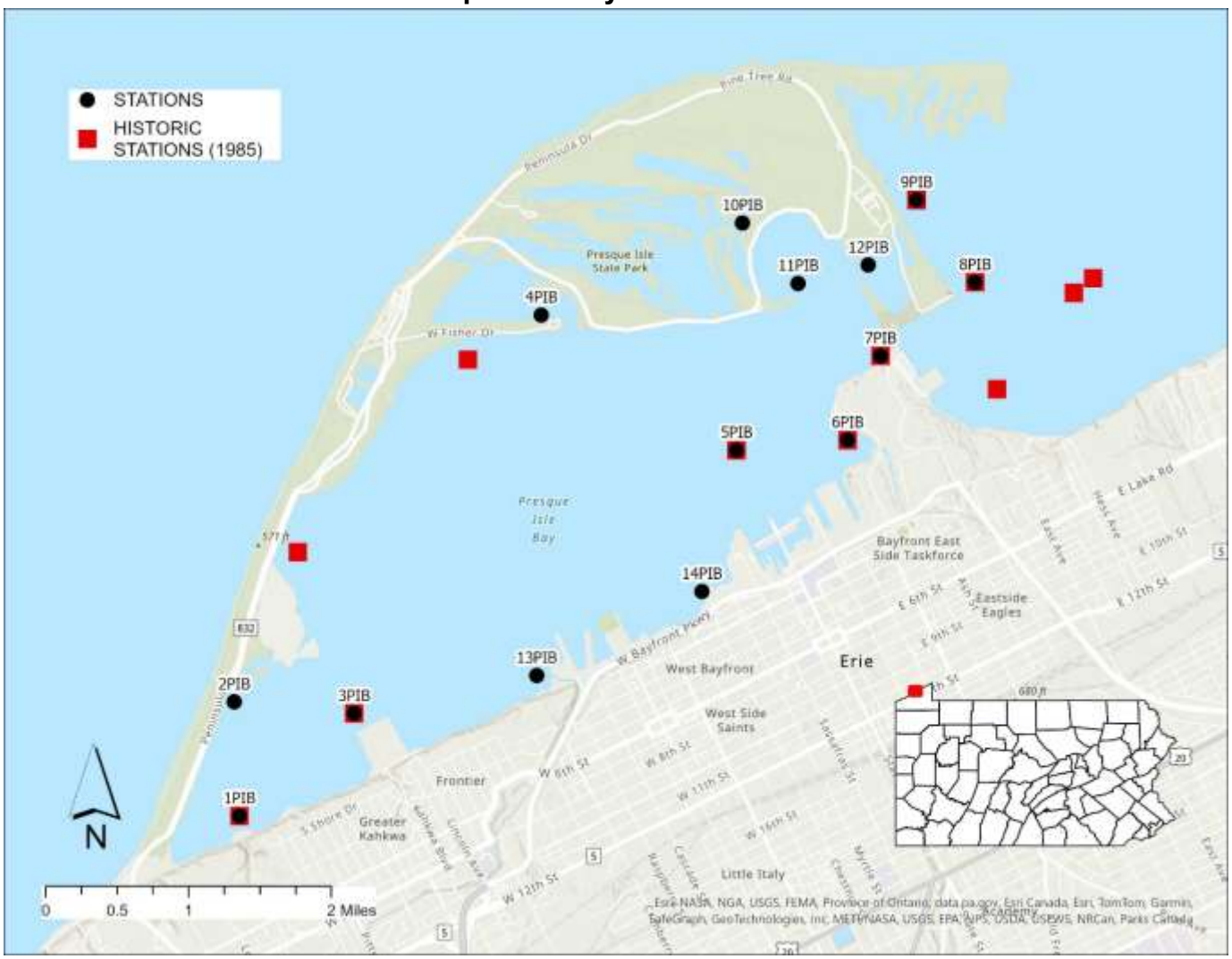
Table 2: Information and samples used to justify cause removal.

Cause Removal Information	20210518-0945-jadetweile	20210512-0930-jadetweile	20210512-0900-jadetweile	20210518-1045-jadetweile	20210512-1115-jadetweile	20210511-0915-jadetweile	20210519-0915-jadetweile
Macroinvertebrate Score	41.5	24.8	28.6	22.2	32.4	20.2	39.0
Aluminum (mg/L)	2890	204	224	295	101	211	21.5
pH	7.3	7.7	7.7	8.2	8.0	7.9	8.3

CAUSE REMOVAL JUSTIFICATION FOR
PRESQUE ISLE BAY

HUC: 04120101
DEP Stream Code: 62245
Assessed Use Category: Water Contact Sports
USEPA Delisting Reason: WQS Restoration Activities

Presque Isle Bay Cause Removal



Old AU 4095: Source Unknown/Pathogens (2010)
New AU 4721: Supporting WC

Comments

E. coli data collected and assessed at each station individually showed no exceedances of criteria. This suggests that water quality has improved because of several discharges being removed. The overall *E. coli* geometric mean of all samples collected showed no exceedance of criteria. Additionally, excursions of the 410 CFU/100mL portion of the criterion only reached 3%.

Table 1. Information and samples used to justify cause removal.

STATION[1]	*E. coli* GEOMETRIC MEAN[2]
1PIB	29
2PIB	25
3PIB	29
4PIB	29
5PIB	66
6PIB	120
7PIB	59
8PIB	33
9PIB	25
10PIB	38
11PIB	25
12PIB	33
13PIB	53
14PIB	112

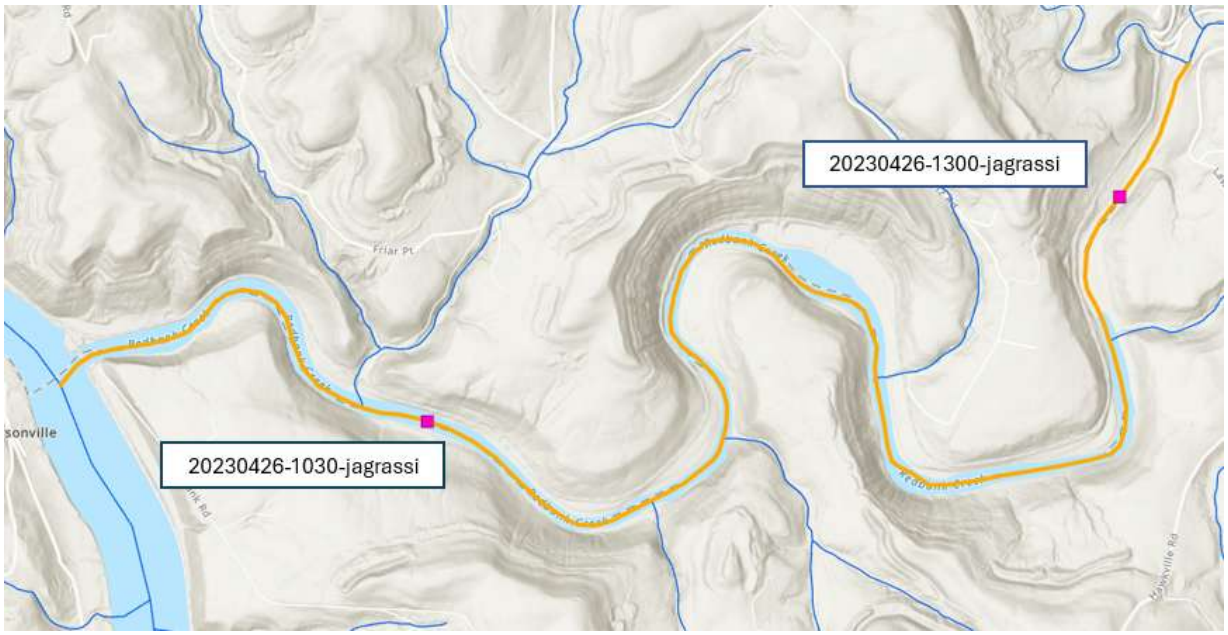
[1]Refer to Figure for Station Locations.

[2]*E. coli* geometric mean > 126 = Impaired.

CAUSE REMOVAL JUSTIFICATION FOR
REDBANK CREEK

HUC: 05010006
DEP Stream Code: 48064
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS_New_Data

Redbank Creek Cause Removal



Old AU 2143: AMD/Metals (2002)
New AU 24033: Supporting ALU

Comments

This section of Redbank Creek was listed on the 2002 Integrated List based on a SSWAP survey. An ALU reassessment was done in 2023 which included two sampling location within this previously impaired reach. This reassessment effort included macroinvertebrate collections, habitat assessments, and discrete chemistry water sampling. The macroinvertebrate IBI scores and habitat assessments showed supporting conditions at both locations. Total aluminum, total iron, and total manganese, common metals associated with acid mine drainage, were below § 97.7 and §97.8 criteria (Table 1).

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230426-1030-jagrassi	20230426-1300-jagrassi
Macroinvertebrate Score (Large Stream)	62.2	60.6
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes
Instream Habitat Score	28	27
Bank Habitat Score	34	35
Total Habitat Score	199	201
Total Aluminum (µg/L)	109	123
Total Iron (µg/L)	261	288
Total Manganese (µg/L)	71.00	84.00

CAUSE REMOVAL JUSTIFICATION FOR
REESE RUN

HUC: 05010003
DEP Stream Code: 54821
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Reese Run Cause Removal

Old AU 2106,1978,1979: Petroleum Activities / Metals and Siltation (2004)
New AU 23672: Supporting ALU

Comments

Reese Run, Unnamed Tributary 54824 and Unnamed Tributary 54823 were listed on the 2004 Integrated List based on a State Surface Waters Assessment Program (SSWAP) survey. Some abandoned wells from historical petroleum activities were plugged from a Growing Greener Grant in 2002. An ALU reassessment was done in 2023 that resulted in supporting IBI scores at four stations (Table 1). Water samples were all within Water Quality Standards. A fishery survey showed a robust forage base and trout fishery throughout the reach. Two small iron seeps that still exist in the reach are impacting a localized stretch on an unnamed tributary to Reese Run. The impact is expressed as iron precipitate on the stream bottom substrate.

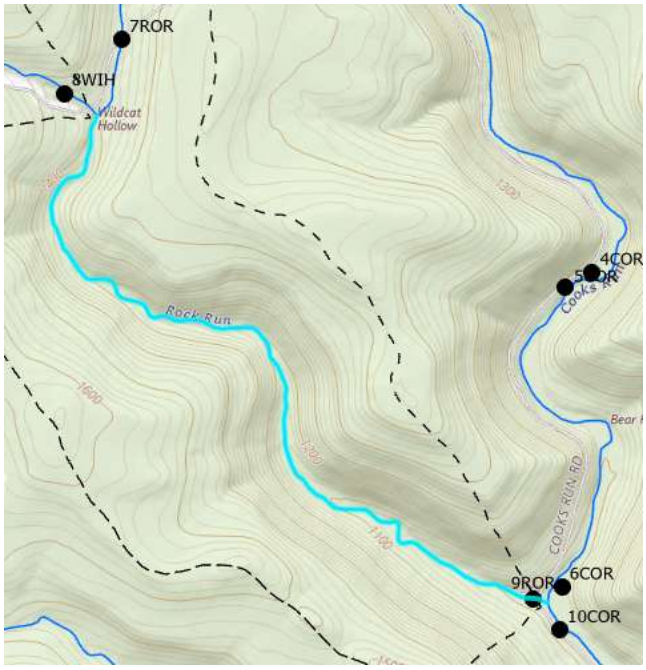
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20230411-1215-jbrancato	20230411-1030-jbrancato	20230411-1115-jbrancato	20230412-1045-jbrancato
Macroinvertebrate Score	93.6	79.1	89.0	96.1
Passed Macroinvertebrate Qualifier Questions?	Yes	Yes	Yes	Yes
Instream Habitat Score	26	22	25	26
Bank Habitat Score	32	32	32	33
Total Habitat Score	194	190	194	196
Total Iron (µg/l)	<100	685	<100	238
Total Manganese (µg/l)	27	91	40	56
Total Sulfate (mg/L)	10	12	11	11

CAUSE REMOVAL JUSTIFICATION FOR
ROCK RUN

HUC: 02050203
DEP Stream Code: 23994
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities, Refinement

Rock Run Cause Removal



Old AU 10522: AMD/metals, AMD/pH
New AU 24389: Atmospheric Deposition/Low pH

Comments

Rock Run was listed on the Integrated List based on SSWAP data. AMD reclamation was completed in the watershed in 2019. Physicochemical data collected as part of an ALU reassessment that was finalized in 2025 indicated that no metals were present above the WQ criterion. A single digression of dissolved zinc was noted in the 2021 sample which does not represent an exceedance due to the short duration of the criterion. Furthermore, the dissolved zinc concentration was higher than the total zinc concentration which indicates a possible sample contamination or laboratory analytical error. The zinc concentrations in the more recent samples were below the hardness-based criterion.

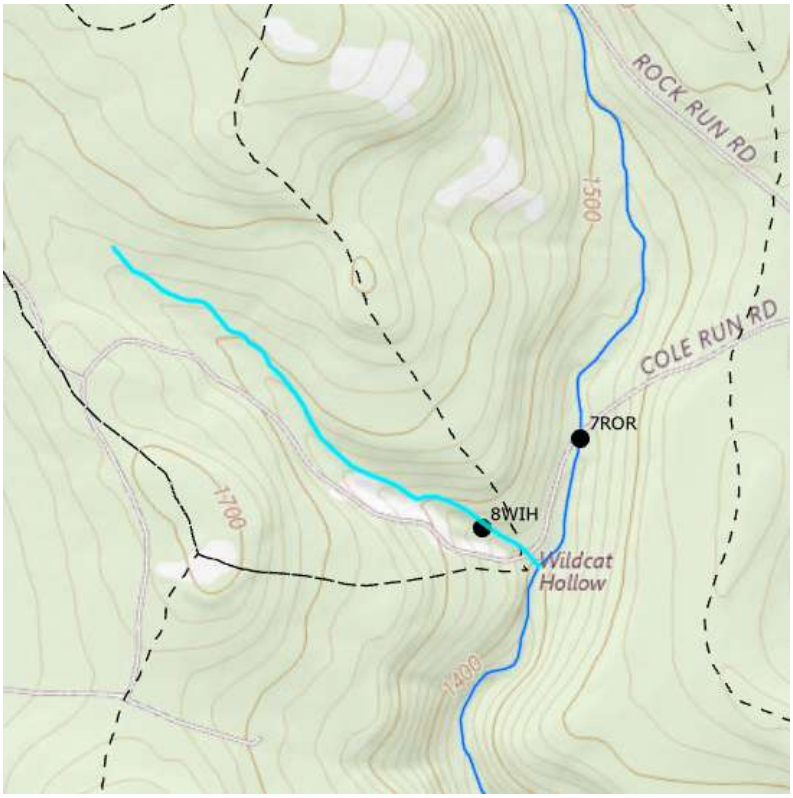
Table 1. Physicochemical data used to justify cause removal.

Cause Removal Info	9ROR		
	Apr 2021	Oct 2024	Mar 2025
Aluminum T (µg/L)	231	41.4	132
Iron T (µg/L)	< 100	< 100	< 100
Manganese T (µg/L)	144	140	79
Zinc D (µg/L)	16.2	10.3	7.84

CAUSE REMOVAL JUSTIFICATION FOR
UNT ROCK RUN (WILDCAT HOLLOW)

HUC: 02050203
DEP Stream Code: 23995
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

UNT Rock Run (Wildcat Hollow) Cause Removal



Old AU 10518: AMD/metals, AMD/pH, AMD/Siltation
New AU 24388: Atmospheric Deposition/Low pH

Comments

Wildcat Hollow was listed on the Integrated List based on SSWAP data collected on Rock Run. No previous data was collected on Wildcat Hollow. Physicochemical data collected as part of an ALU reassessment that was finalized in 2025 indicated that no metals were present. Additionally, no siltation at this location was observed during the assessment.

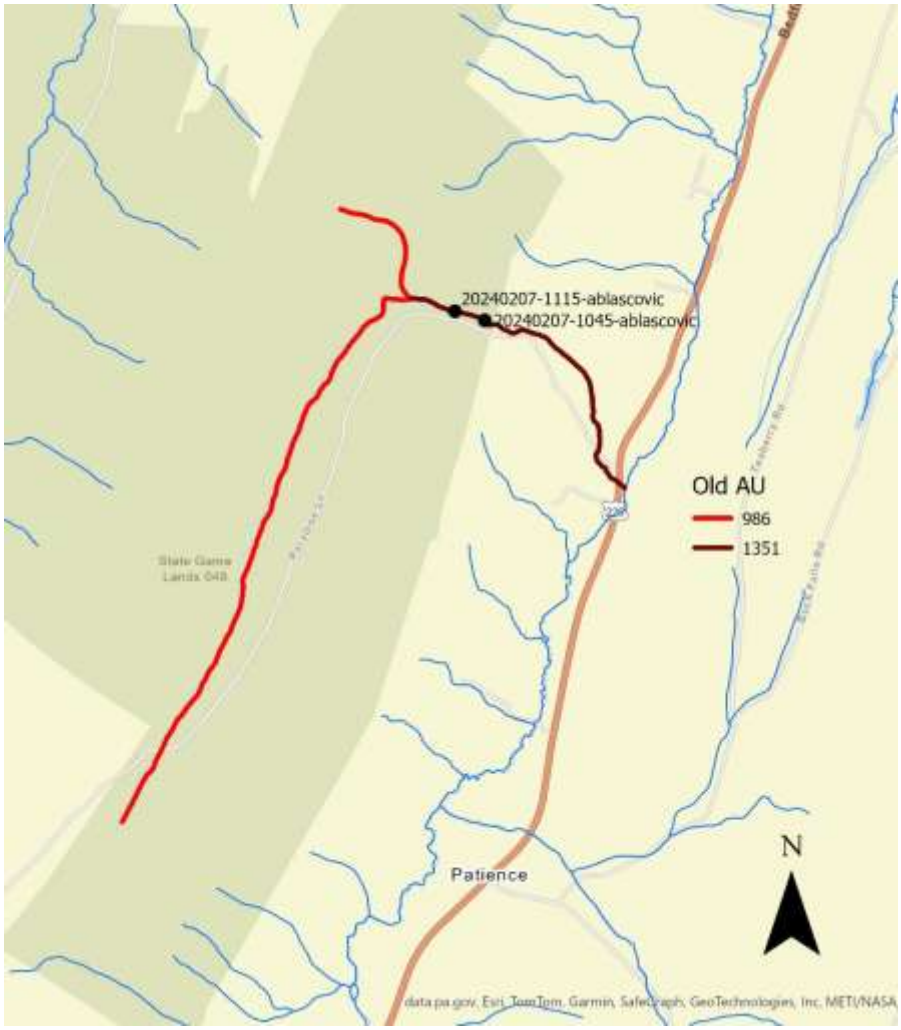
Table 1. Physicochemical data used to justify cause removal.

Cause Removal Info	8WIH		
	Apr 2021	Oct 2024	Mar 2025
Aluminum T (µg/L)	< 15	< 15	< 15
Iron T (µg/L)	< 100	< 100	< 100
Manganese T (µg/L)	< 10	< 10	< 10
Zinc D (µg/L)	< 5	< 5	< 5

CAUSE REMOVAL JUSTIFICATION FOR
SAND SPRING RUN

HUC: 02070002
DEP Stream Code: 61854
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Sand Spring Run Cause Removal and Refinement



Old AU 1351: Removal of Riparian Vegetation / Habitat Alterations, Atmospheric Deposition / pH (2002)
Old AU 986: Atmospheric Deposition / pH (2002)
New AU 24315: Atmospheric Deposition / pH, Low (2002)

Comments

Sand Spring Run was listed on the 2002 Integrated List based on SSWAP data. Two previous assessment units (AUs) were created. Both indicated Atmospheric Deposition / pH as a source / cause of impairment. AU 1351 also included a Removal of Riparian Vegetation / Habitat Alterations source / cause on the lower segment.

An ALU reassessment was done in 2024 that resulted in a supporting IBI scores, impaired ATI scores, and no impaired habitat (Table 1). Water chemistry samples collected as part of the reassessment were indicative of atmospheric deposition conditions. pH readings were below 6.0. This is a refinement for

clarifying the previous pH cause. Both old AUs, 986 and 1351, have pH refined to pH, Low. This includes Sand Spring Run and UNT 61855 to Sand Spring Run.

The cause removal is specific to Habitat Alterations (old AU 1351). Comments in the previous assessment state that this impairment was only several hundred feet long where gabion baskets were placed along stream banks in the lower section. Current assessment methodology requires a minimum 0.5-mile length; otherwise, the issue is considered a localized impact. The Habitat Alterations cause was removed as the short section is not representative of the entire segment. Habitat scores are provided in Table 1.

Table 1. Information and samples used to justify cause removal and cause refinement.

Cause Removal Information	20240207-1045-ablascovic	20240207-1115-ablascovic
Macroinvertebrate Score	68	71
ATI Score	74	75
Instream Habitat Score	36	33
Bank Habitat Score	36	39
Total Habitat Score	232	232
pH Field Measurement	4.27	4.28

CAUSE REMOVAL JUSTIFICATION FOR
SANDY LICK CREEK

HUC: 5010006
DEP Stream Code: 48527
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Sandy Lick Creek Cause Removal

Old AU 21967: Natural sources / Siltation (2022); Package Plant or Other Permitted Small Flows Discharges / Total Suspended Solids (2004); Package Plant or Other Permitted Small Flows Discharges / Ammonia, Un-Ionized (2004)
New AU 23873: Natural sources / Siltation

Comments
The subjected reach of Sandy Lick Creek was listed on the Integrated 303(d) Report under Category 4b in 2022 based on an ICE survey from 2020 that showed a macroinvertebrate IBI score of 43.9 at SAN_01 which is located above the confluence of Narrows Creek and a macroinvertebrate score of 28.7 at SAN_02 which is located below the confluence of Narrows Creek. The source of impairment was determined to be the Treasure Lake Wastewater Treatment Facility (WWTF) which discharged to Narrows Creek. The Treasure Lake Resort West-Side Wastewater Treatment Facility was upgraded, and the East-Side Wastewater Treatment Facility was decommissioned.

An ALU reassessment was done in 2024 that indicated that Sandy Lick Creek was no longer impacted below Narrows Creek by the Treasure Lake Wastewater Treatment Facility (WWTF).

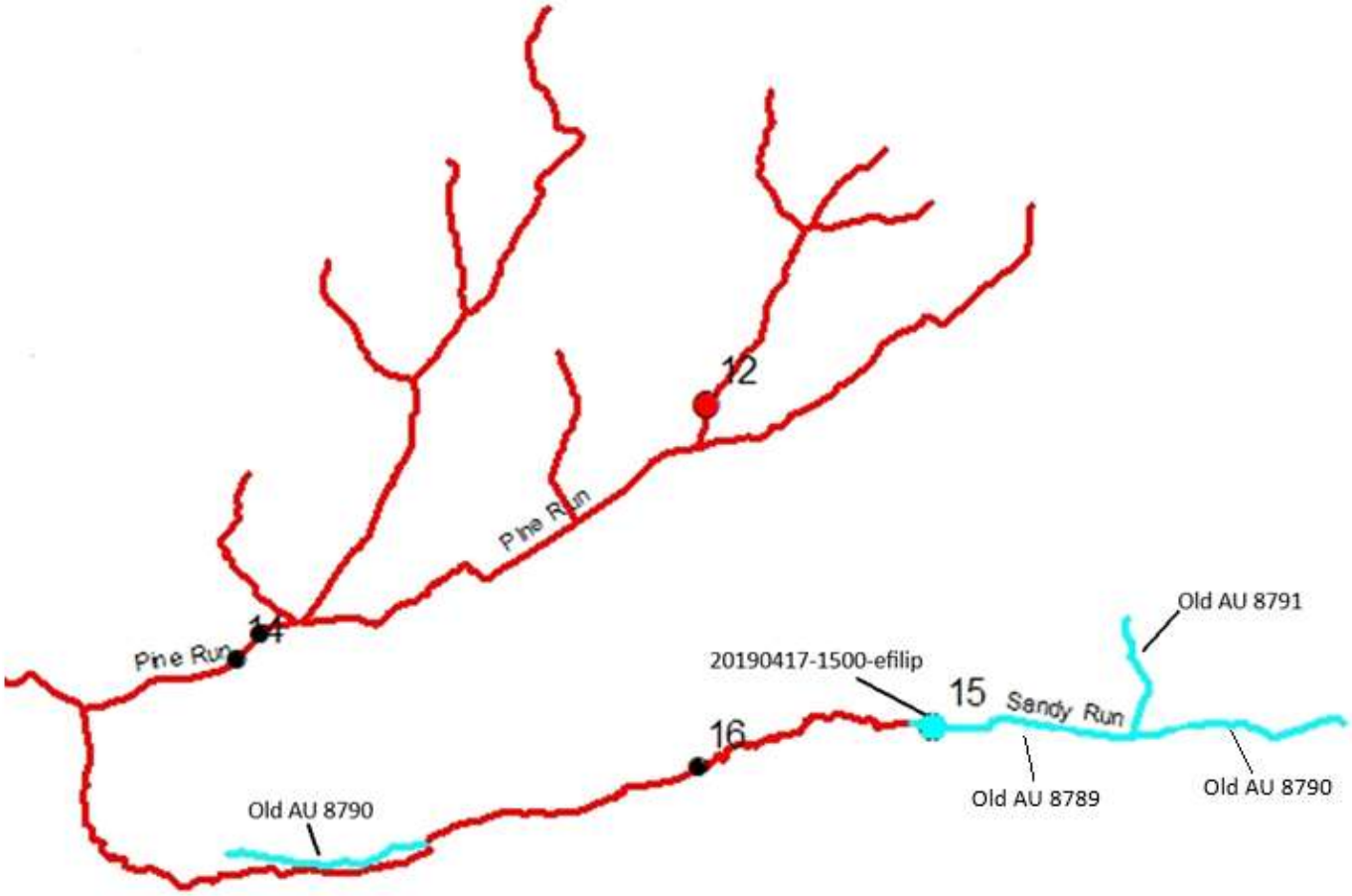
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	SAN_01	SAN_02
Macroinvertebrate Score	44.1	40.0
Instream Habitat Score	17	24
Bank Habitat Score	18	22
Total Habitat Score	143	168
TSS (mg/L)	<20	<20
Ammonia Dissolved as N (mg/L)	<0.02	<0.02
Ammonia Total as N (mg/L)	<0.02	<0.02

CAUSE REMOVAL JUSTIFICATION FOR
SANDY RUN - MONTGOMERY COUNTY

HUC: 02040203
DEP Stream Code: 00859
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

Sandy Run Cause Removal



Old AU 8789: Municipal Point Source(MPS) / BOD (1996), Nutrients (1996); Habitat Modification / Habitat Alterations (2002); Source Unknown / Flow Regime Modification (2002); Urban Runoff Storm Sewers / Cause Unknown (2002), Flow Regime Modification (2002), Nutrients (1996), Siltation (2002)
Old AU 8790: Municipal Point Source(MPS) / BOD (2002), Nutrients (2002); Urban Runoff Storm Sewers / Nutrients (2002)
Old AU 8791: Habitat Modification / Habitat Alterations (1998); Urban Runoff Storm Sewers / Flow Regime Modification, Nutrients, Siltation (1998)
New AU 23536: Habitat Modification / Habitat Alterations (2002); Urban Runoff Storm Sewers / Eutrophication (2026), Flow Regime Modification (2002), Siltation (2002); Water Diversions / Dewatering (2002).

Comments
Sandy Run and UNT 00869 to Sandy Run were impaired for biochemical oxygen demand (BOD) due to a municipal point source in 1996 and 2002. This original listing appears to be an error. The

headwaters of Sandy Run, highlighted in the above map, are upstream of the large Abington wastewater treatment plant (WWTP) and no other major point sources exist on these stream segments. UNT 00869 is also unaffected by the WWTP on Sandy Run and was likely mistakenly included in assessment 8790, which mainly covers the mainstem of Sandy Run at its mouth. These segments were originally impaired referencing the same data and collected using the SSWAP monitoring and assessment methods. The new assessment on Sandy Run and UNT 00869 is based on macroinvertebrate, habitat, and chemistry data collected in 2019 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers* and a continuous instream monitoring (CIM) study done in 2021.

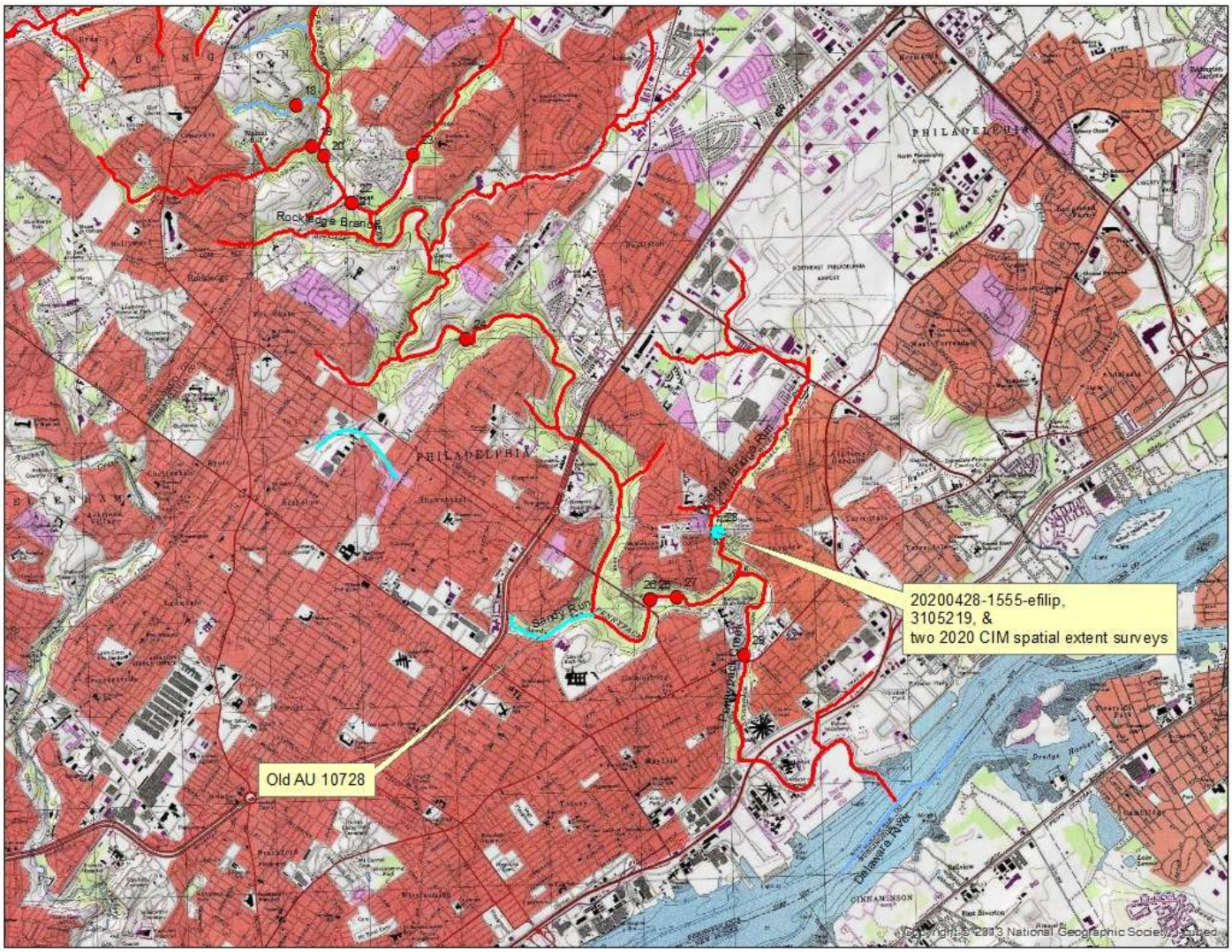
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	**20190417-1500-efilip**
Macroinvertebrate Score	12.0
pH (field)	8.23
Dissolved Oxygen (field)	11.83 mg/L
Carbonaceous Biochemical Oxygen Demand (CBOD)	0.30 mg/L
Chemical Oxygen Demand	<10 mg/L

CAUSE REMOVAL JUSTIFICATION FOR
SANDY RUN - PHILADELPHIA COUNTY

HUC: 02040202
DEP Stream Code: 02415
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Sandy Run Cause Removal



Old AU 10728: Rural (Residential Areas) / Dewatering (2002), Flow Regime Modification (2002), Habitat Alterations (2002); Urban Runoff/Storm Sewers / Cause Unknown
New AU 24475: Channelization / Habitat Alterations (2002); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2002), Siltation (2026).

Comments
Sandy Run (02415) was impaired for Rural (Residential Areas) / Dewatering (2002), in addition to Flow Regime Modification (2002) and Habitat Alterations (2002). The Dewatering impairment was removed, citing new data. The new assessment on Sandy Run was based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment in Wooden Bridge Run showed a good Channel Flow Status score

of 12 and a good Velocity/Depth Regimes score of 13. The neighboring Sandy Run shares a similar urban land use, allowing us to extrapolate impairments there as well. The stream remained impaired for Flow Regime Modification and Habitat Alterations, and new Eutrophication and Siltation impairments were added.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200428-1555-efilip
Macroinvertebrate score	19.2
Channel Flow Status score	12
Velocity/Depth Regimes score	13

CAUSE REMOVAL JUSTIFICATION FOR
SHENANDOAH CREEK (KEHLY RUN) (AU 24172)

HUC: 2050301
DEP Stream Code: 17685
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Shenandoah Creek/Kehly Run Cause Removal

Old AU 2710: AMD/Metals (1996); AMD/Siltation (2004); MPS/Organic Enrichment (2004)
New AU 24172: AMD/pH; AMD/Siltation; AMD/Habitat Alterations

Comments

Shenandoah Creek (also shown as Kehly Run in this upper section) was listed as impaired in 1996 and 2004 based on previous SSWAP sampling. An ALU reassessment was conducted in 2022. Metals, particularly iron, aluminum, and manganese were well below respective criteria during this sampling and did not support an impairment listing for metals. This section of stream is also upstream of any municipal point sources and therefore organic enrichment was most likely listed in error.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20220414-1120-tdaley
Macroinvertebrate Score	68.3
Iron (µg/L)	222
Aluminum (µg/L)	166
Manganese (µg/L)	28
Dissolved Oxygen (mg/L)	10.06
Nitrogen T (mg/L)	<0.25
TSS (mg/L)	<20
TDS (mg/L)	28

CAUSE REMOVAL JUSTIFICATION FOR
SHENANDOAH CREEK (KEHLY RUN) (AU 24177)

HUC: 2050301
DEP Stream Code: 17685
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Shenandoah Creek/Kehly Run Cause Removal

Old AU 3335: AMD/Habitat Alterations (2004)
New AU 24177: Supporting ALU

Comments
Shenandoah Creek (also shown as Kehly Run in this upper section) was listed as impaired on the 2004 Integrated List based on previous SSWAP sampling. An ALU reassessment was conducted in 2022. This section of stream is upstream of mining impacts, and the bank habitat assessment score was above the impairment threshold of 24 indicating habitat alterations is no longer a cause of impairment. The macroinvertebrate IBI score was also above the impairment threshold of 50.

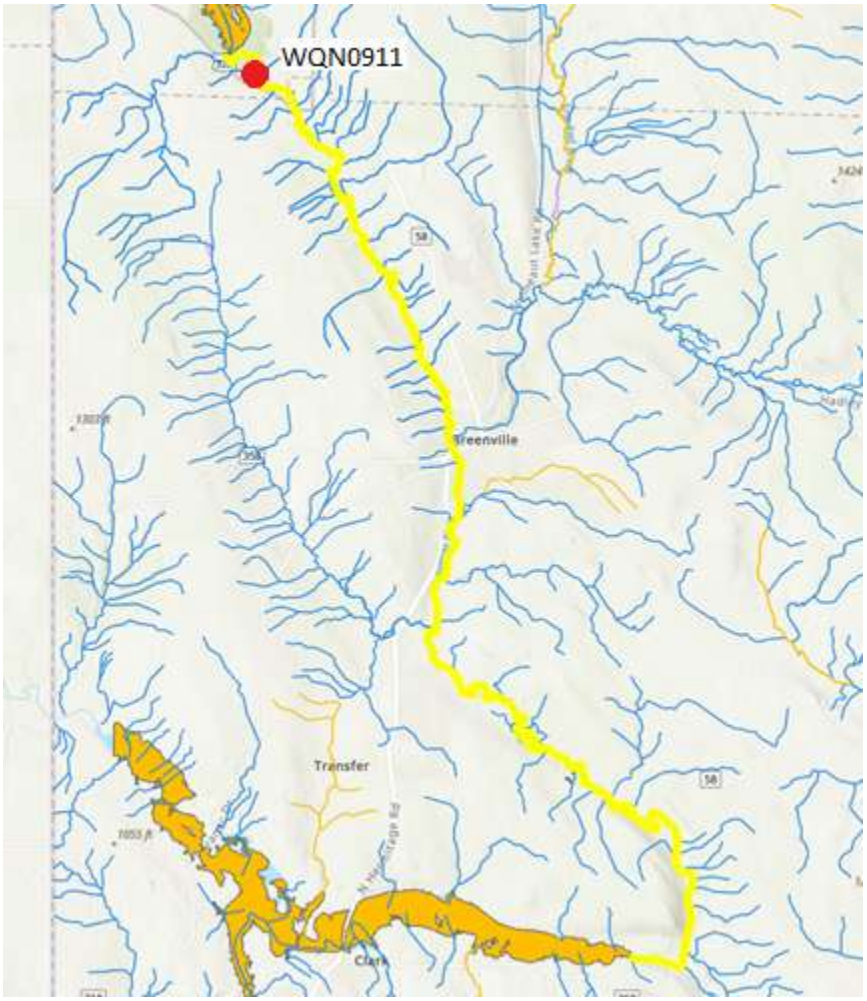
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20220414-0930-tdaley
Macroinvertebrate Score	77.1
Passed Macroinvertebrate Qualifier Questions?	Yes
Instream Habitat Score	29
Bank Habitat Score	31
Total Habitat Score	186

CAUSE REMOVAL JUSTIFICATION FOR SHENANGO RIVER

HUC: 05030102
DEP Stream Code: 35482
Assessed Use Category: Fish Consumption
USEPA Delisting Reason: WQS New Data

Shenango River Cause Removal



Old AU 22645: Atmospheric Deposition/Mercury (2022)
New AU 24195: Supporting Fish Consumption Use Category

Comments

The mainstem of the Shenango River from the mouth of the Pymatuning Reservoir downstream to the confluence with the Shenango Reservoir was impaired for mercury based on the 2016 fish consumption advisory for channel catfish. Fish tissue data collected from channel catfish filets in 2020 removed the advisory and indicates that mercury is no longer a cause of impairment since the two most recent samples were above the impairment threshold of 0.26 ppm.

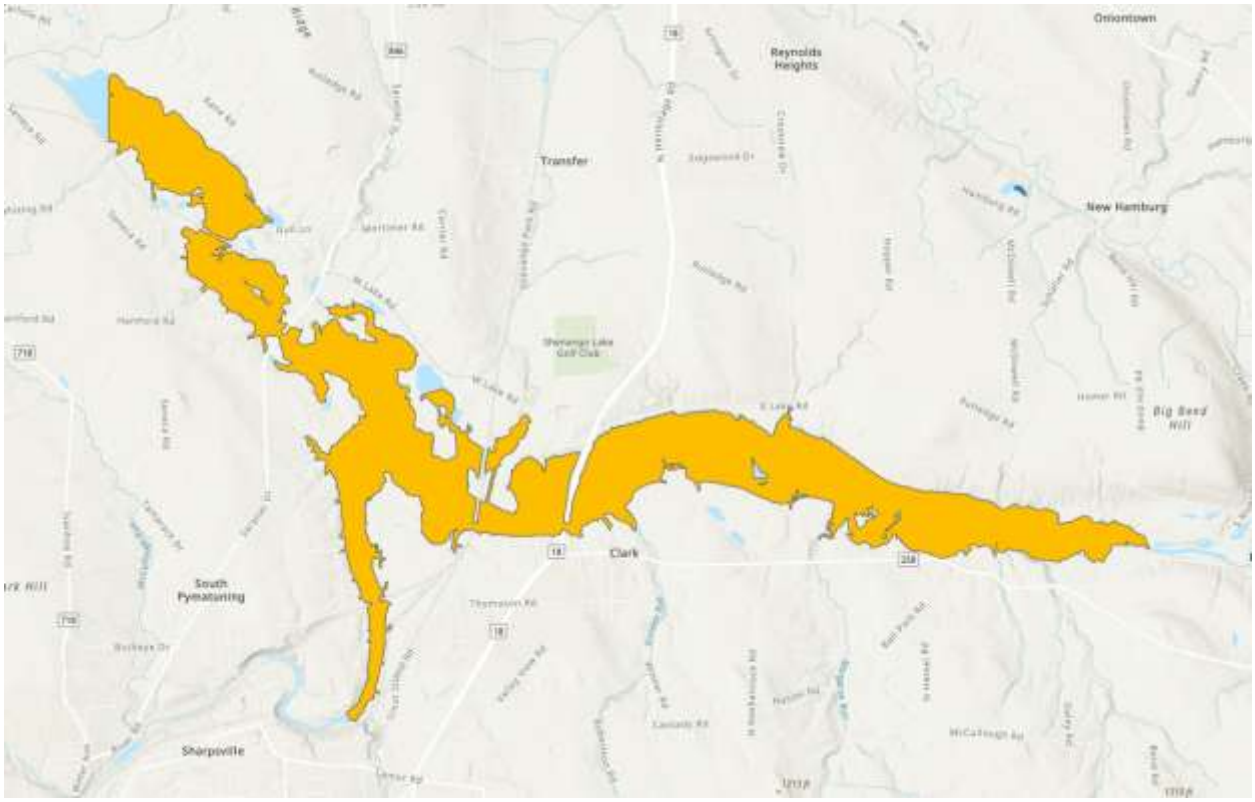
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	WQN0911	
	2018	2020
Mercury in Channel Catfish Filet (ppm)	0.135	0.14

CAUSE REMOVAL JUSTIFICATION FOR
SHENANGO RIVER LAKE

HUC: 5030102
Reachcode: 05030102001670
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Shenango River Lake Cause Removal



Old AU 3118: Source Unknown/pH (2002)
New AU 4743: Supporting ALU

Comments

Shenango River Lake was originally listed on the 2002 Integrated Waterbody Report with an ALU impairment (Source Unknown/pH). Since 2002, a more recent reassessment effort has been conducted in 2023. This effort included pH profile measurements and the collection of physiochemical constituents as part of broader survey. In considering pH profile data, median pH values were compared to WQS criterion minimum of 6.0 pH and criterion maximum of 9.0 pH. Median pH profile data ranged from 7.56-8.58 at SHENRLK1, 7.94-8.26 at SHENRLK2, and 8.55-8.95 at SHENRLK3. Profile data shows that pH values were within WQS range. The pH summary statistics across all three stations, seasons, and top/bottom samples were n=12, mean= 8.03, and median=8.10. The pH profile data and mean pH summary statistics do not reflect this prior impairment. A report detailing the Shenango River Lake survey can be found within the DEP stream file and is available upon request.

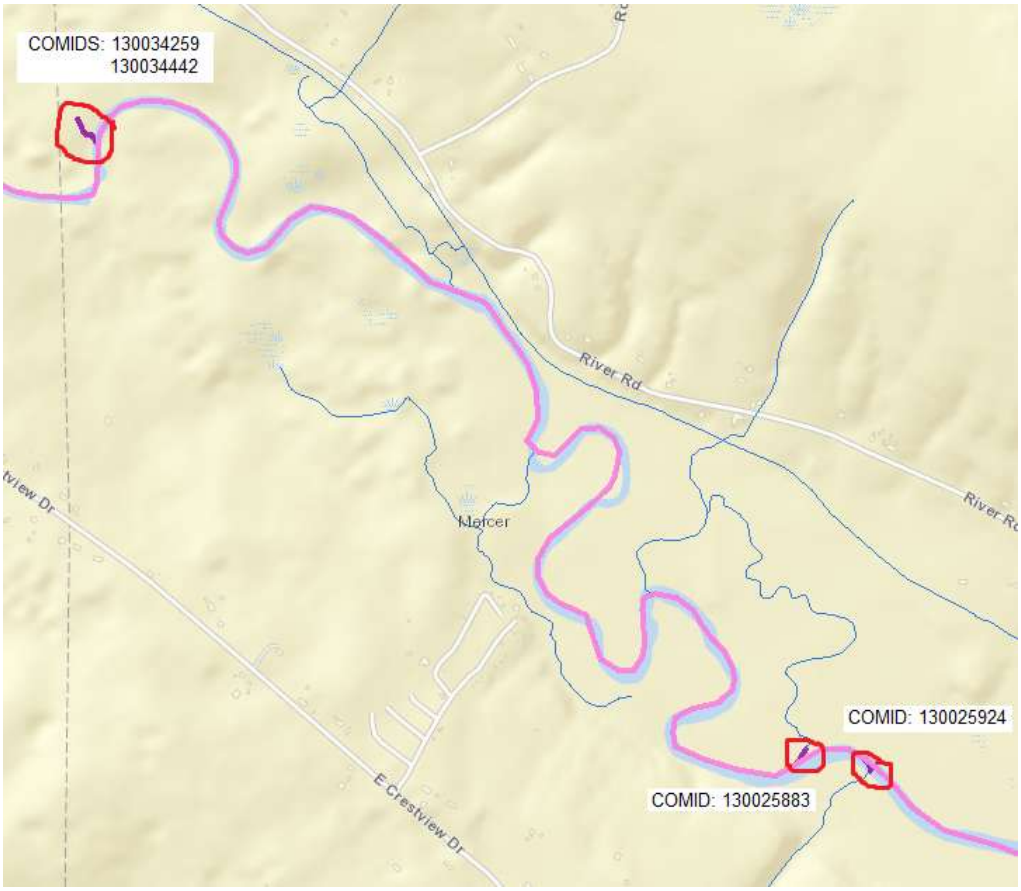
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	SHENRLK1	SHENRLK2	SHENRLK3
Median pH Profile Range	7.56-8.58	7.94-8.26	8.55-8.95

CAUSE REMOVAL JUSTIFICATION FOR
UNTS SHENANGO RIVER

HUC: 05030102
DEP Stream Code: 35482
Assessed Use Category: Fish Consumption
USEPA Delisting Reason: Delisting Orig Incorrect

UNTs Shenango River Cause Removal



Old AU 22645: Atmospheric Deposition/Mercury (2022)
Currently unassessed for the Fish Consumption Use Category.

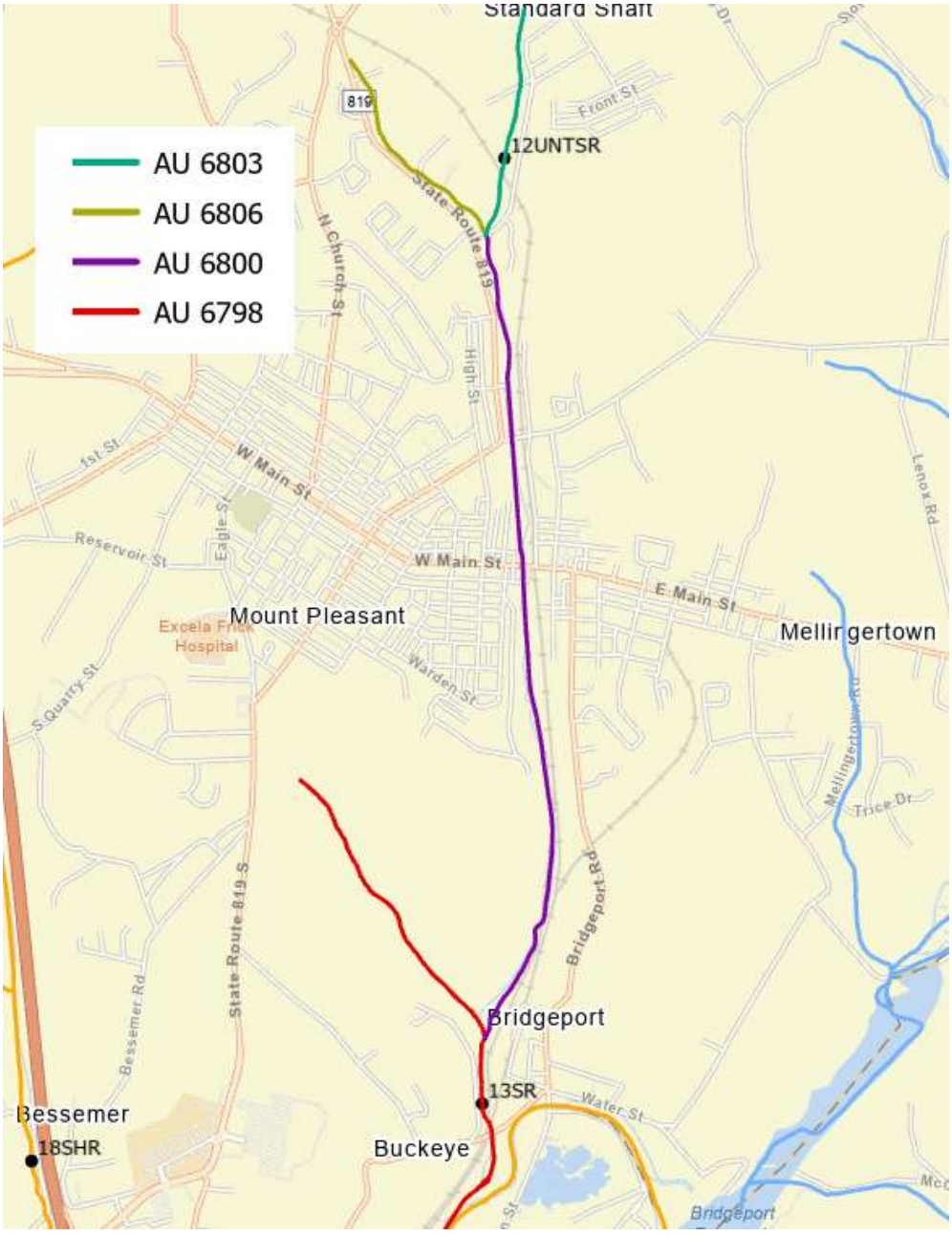
Comments

The mainstem of the Shenango River from the mouth of the Pymatuning Reservoir downstream to the confluence with the Shenango Reservoir was impaired for mercury based on the 2016 fish consumption advisory for channel catfish. Fish tissue data collected from channel catfish filets in 2020 removed the advisory and indicates that mercury is no longer a cause of impairment since the two most recent samples were above the impairment threshold of 0.26 ppm. The four COMIDs in the above figure were included in the original assessment by mistake; most likely due to user error when creating an assessment that large. Mercury has been removed from these segments since they were originally listed in error and there is no data to make an assessment.

CAUSE REMOVAL JUSTIFICATION FOR SHUPE RUN

HUC: 05020006
DEP Stream Code: 37958
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Shupe Run Cause Removal



Old AU 6803: On-Site Treatment Systems / Organic Enrichment (2006)
Old AU 6806: Habitat Modification / Siltation (2006)
Old AU 6800: Highway/Road/Bridge Runoff / Siltation (2006)
Old AU 6798: AMD / Metals and Siltation (2006)
New AU 24278: Ag / Siltation (2006) and Habitat Alterations (2026)
Urban Runoff/Storm Sewers / Siltation (2006) and Habitat Alterations (2026)

Comments

Shupe Run was originally assessed in 2004 using the SSWAP sampling protocol. The entire watershed was placed on the 2006 Integrated Report as impaired for metals at the mouth, siltation throughout the basin, and organic enrichment at the very headwaters. A reassessment of the watershed in 2020 showed siltation is still a major cause of impairment. Water chemistry data and field observations indicate that metals and organic enrichment are no longer contributing to the impairment (Table 1). Shupe Run will be impaired on the 2026 IR for Siltation and Habitat Alterations.

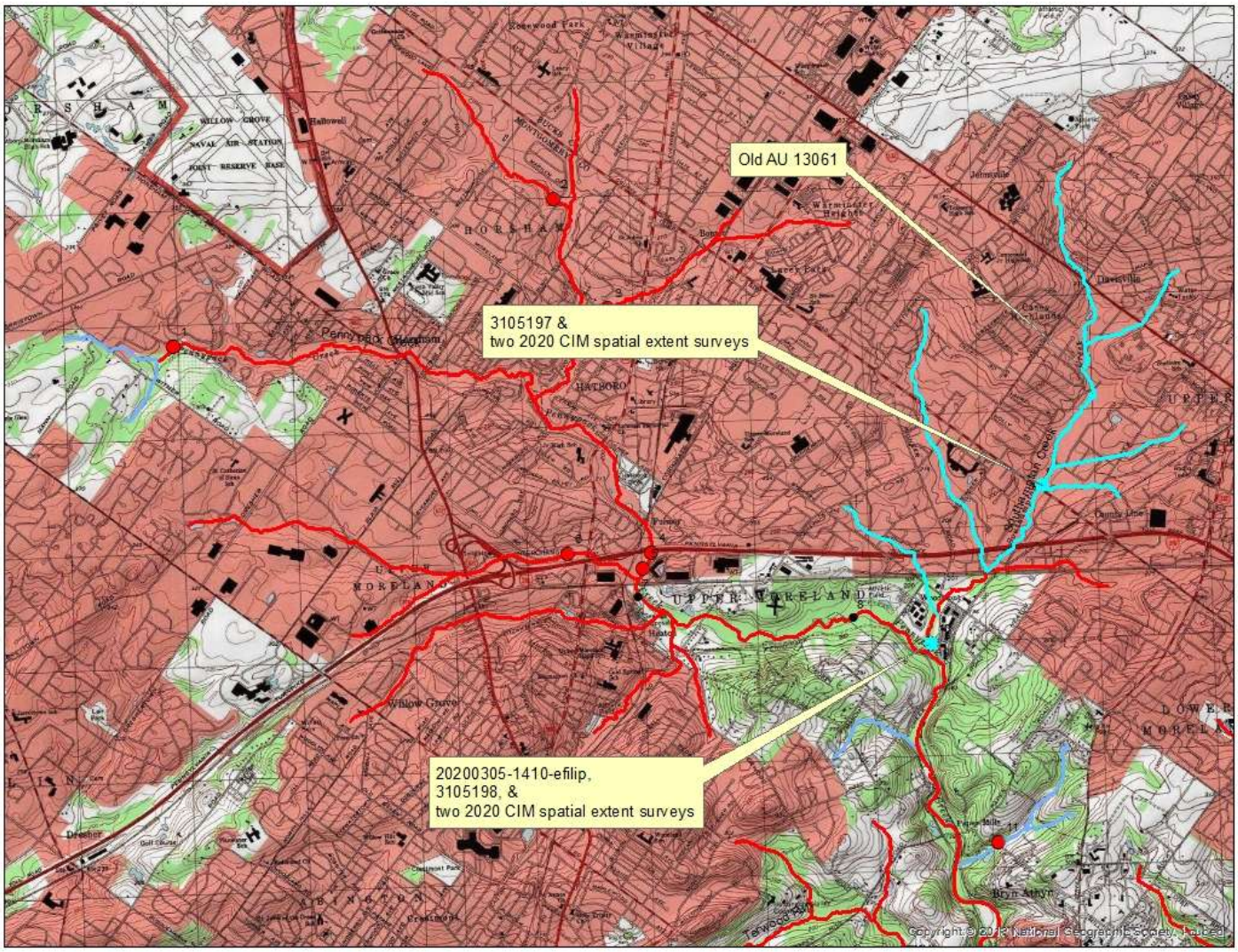
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	12UNTSR	13SR
Instream Habitat Score	21	17
Bank Habitat Score	19	18
Total Habitat Score	154	142
Total Iron (µg/L)	292	455
Total Aluminum (µg/L)	26.7	89.3
Total Manganese (µg/L)	62	148
Total Dissolved Solids (mg/L)	254	408
Total Suspended Solids (mg/L)	<5	6
Dissolved Oxygen (mg/L)	10.37	8.09
pH	8	7.7

CAUSE REMOVAL JUSTIFICATION FOR
SOUTHAMPTON CREEK (AU 24445)

HUC: 02040202
DEP Stream Code: 02450
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Southampton Creek Cause Removal



Old AU 13061: Rural (Residential Areas) / Dewatering (2004), Flow Regime Modification (2004), Habitat Alterations (2004).
New AU 24445: Habitat Modification (Other than Hydromodification) / Habitat Alterations (2004); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2004), Siltation (2026).

Comments

A reach of Southampton Creek (02450) and its tributaries were impaired for Rural (Residential Areas) / Dewatering (2004), in addition to Flow Regime Modification (2004) and Habitat Alterations (2004). The Dewatering impairment was removed, citing new data. The new assessment on Southampton Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment showed a

good Channel Flow Status score of 15 and a good Velocity/Depth Regimes score of 13. The stream remains impaired for Flow Regime Modification and Habitat Alterations, and new Eutrophication and Siltation impairments were added.

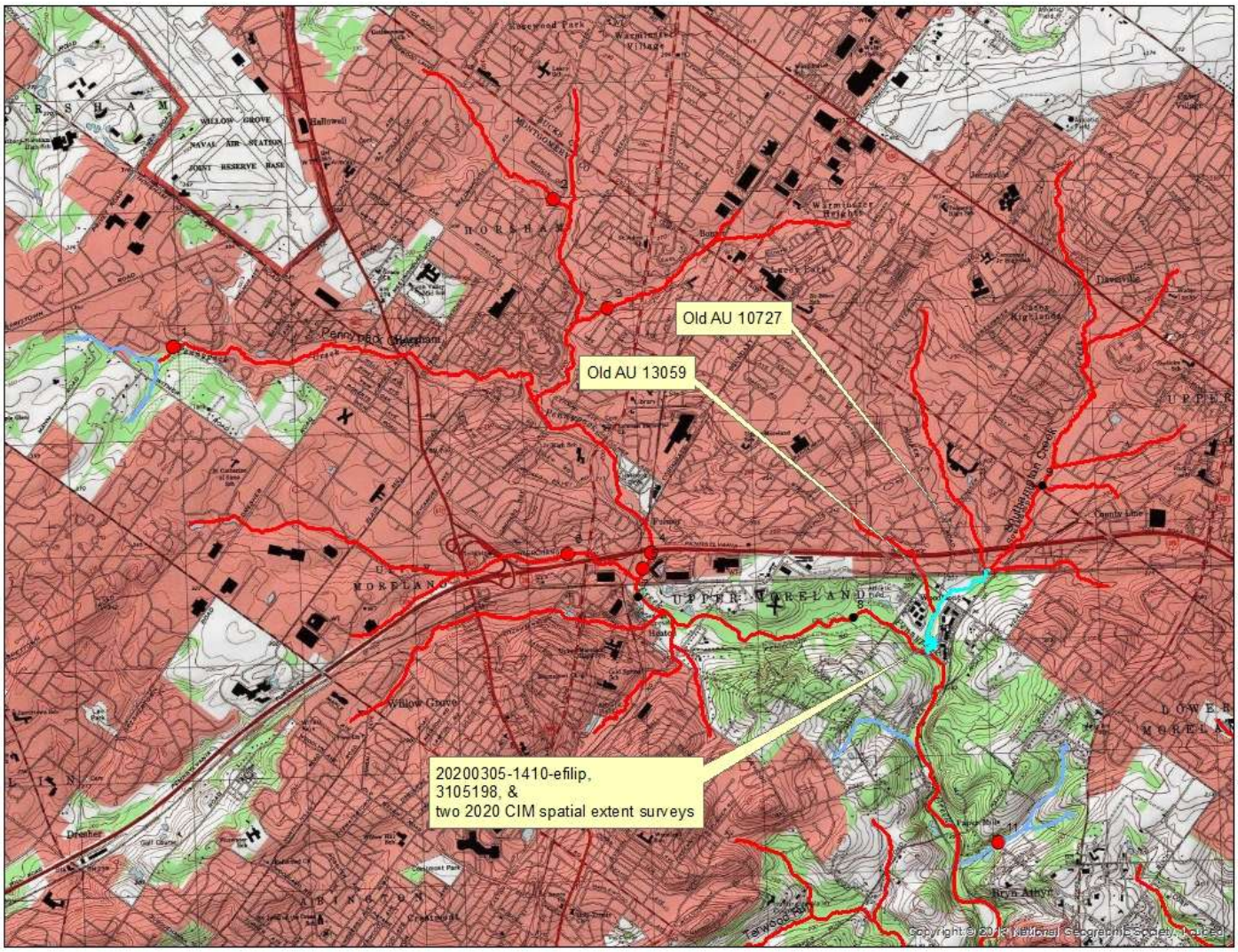
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200305-1410-efilip
Macroinvertebrate score	17.3
Channel Flow Status score	15
Velocity/Depth Regimes score	13

CAUSE REMOVAL JUSTIFICATION FOR SOUTHAMPTON CREEK (AU 24447)

HUC: 02040202
DEP Stream Code: 02450
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Southampton Creek Cause Removal



Old AU 10727: Urban Runoff/Storm Sewers / Cause Unknown (2004); Urban Runoff/Storm Sewers / Siltation (2004).
Old AU 13059: Municipal Point Source Discharges / Organic Enrichment (1996); Rural (Residential Areas) / Dewatering (2006), Flow Regime Modification (2006), Habitat Alterations (2006).
New AU 24447: Habitat Modification (Other than Hydromodification) / Habitat Alterations (2006); Municipal Point Source Discharges / Organic Enrichment (1996); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2006), Siltation (2004).

Comments
A reach of Southampton Creek (02450) was impaired for Rural (Residential Areas) / Dewatering (2004), in addition to Flow Regime Modification (2004), Habitat Alterations (2004), and Organic Enrichment

(1996); with a small portion also impaired for Cause Unknown (2004) and Siltation (2004). The Dewatering impairment was removed, citing new data. The new assessment on Southampton Creek was based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment showed a good Channel Flow Status score of 15 and a good Velocity/Depth Regimes score of 13. The stream remains impaired for Nutrients, Organic Enrichment, Flow Regime Modification, and Habitat Alterations; the Siltation impairment was extended to the whole reach; and a new Eutrophication impairment was added.

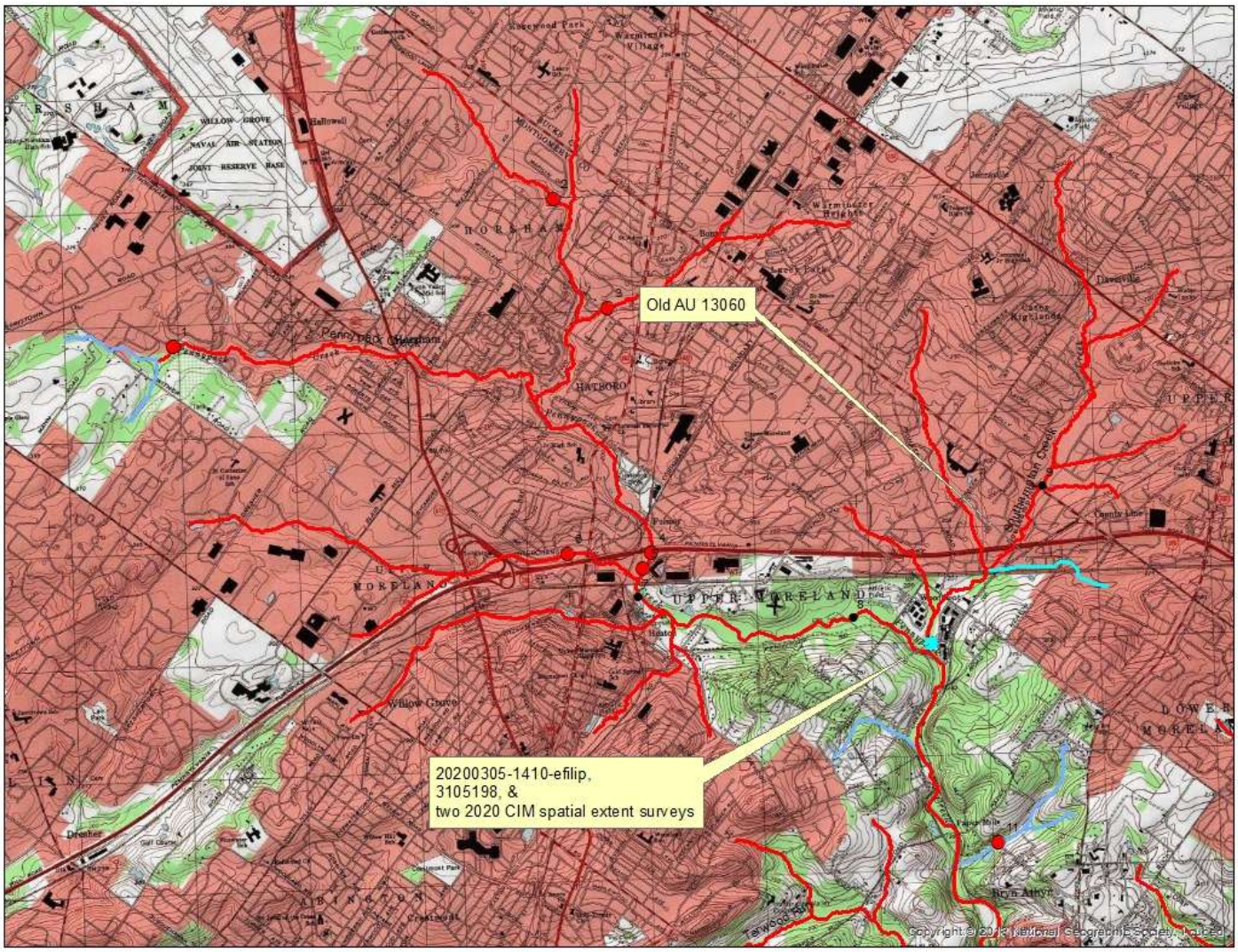
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200305-1410-efilip
Macroinvertebrate score	17.3
Channel Flow Status score	15
Velocity/Depth Regimes score	13

CAUSE REMOVAL JUSTIFICATION FOR
UNT SOUTHAMPTON CREEK

HUC: 02040202
DEP Stream Code: 02453
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT Southampton Creek Cause Removal



Old AU 13060: Municipal Point Source Discharges / Nutrients (1996), Organic Enrichment (1996); Rural (Residential Areas) / Dewatering (2004), Flow Regime Modification (2004), Habitat Alterations (2004).
New AU 24446: Habitat Modification (Other than Hydromodification) / Habitat Alterations (2004); Municipal Point Source Discharges / Nutrients (1996), Organic Enrichment (1996); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (2004), Siltation (2026).

Comments

An UNT Southampton Creek (02453) was impaired for Rural (Residential Areas) / Dewatering (2004), in addition to Flow Regime Modification (2004), Habitat Alterations (2004), Nutrients (1996), and Organic Enrichment (1996). The Dewatering impairment was removed, citing new data. The new assessment on Southampton Creek was based on macroinvertebrate, habitat, and chemistry data

collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. A habitat assessment showed a good Channel Flow Status score of 15 and a good Velocity/Depth Regimes score of 13. The stream remains impaired for Nutrients, Organic Enrichment, Flow Regime Modification, and Habitat Alterations; and new Eutrophication and Siltation impairments were added.

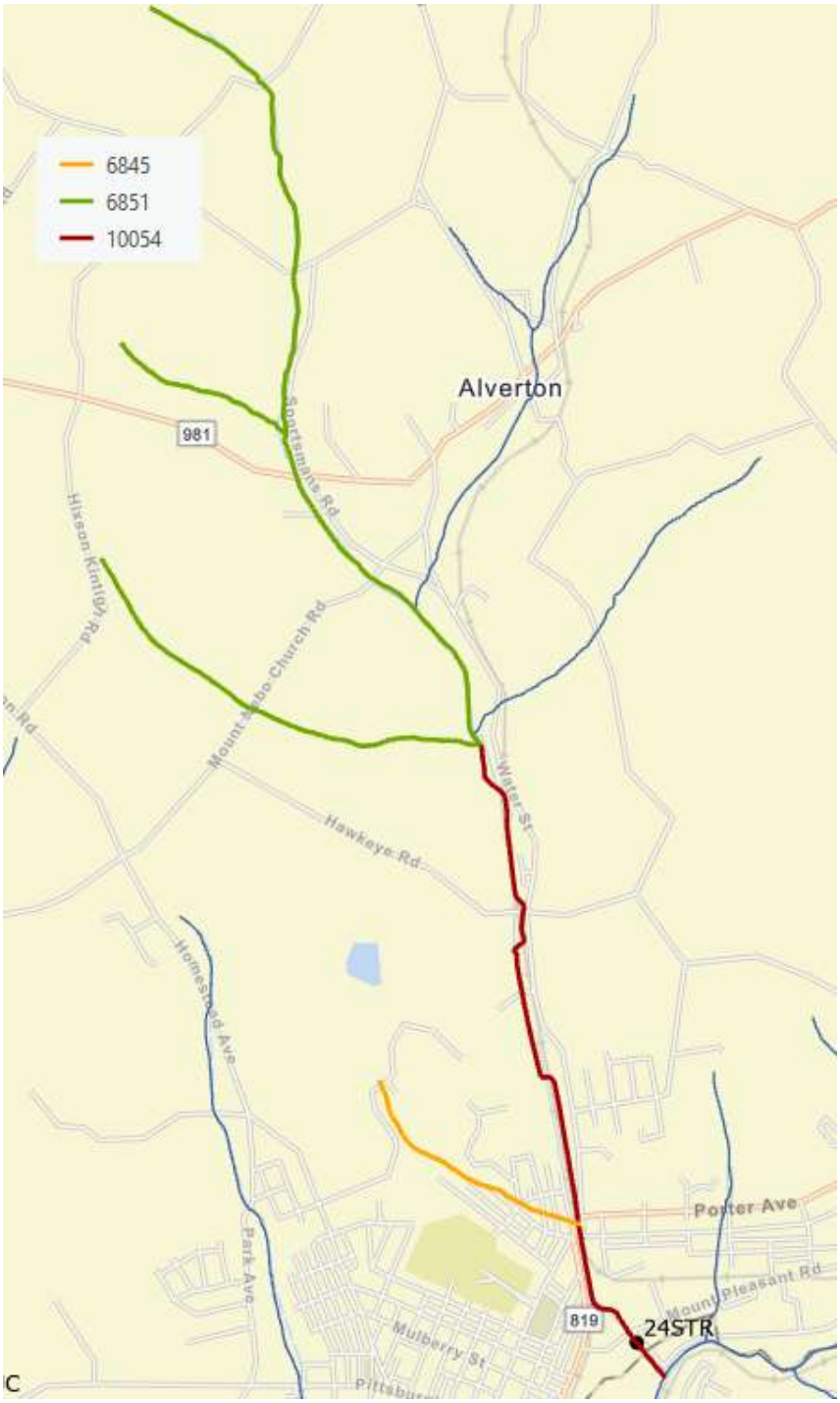
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200305-1410-efilip
Macroinvertebrate score	17.3
Channel Flow Status score	15
Velocity/Depth Regimes score	13

CAUSE REMOVAL JUSTIFICATION FOR STAUFFER RUN

HUC: 05020006
DEP Stream Code: 37927
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Stauffer Run Cause Removal



Old AU 6845: AMD / Metals, pH (2004); Habitat Modifications / Siltation (2006)
Old AU 6851: AMD / Metals, pH (2004)
Old AU 10054: AMD / Metals (1996), pH (2002)

New AU 24296: Ag / Siltation (2006); Rural Residential / Habitat Alterations (2026); AMD / Aluminum, Iron (1996)

Comments

The lower mainstem of Shauffer Run was originally assessed in the mid-1990's and listed on the 1996 Integrated List for metals. The rest of the watershed was assessed in 2004 and portions were also listed for siltation and pH using the SSWAP sampling protocol. A reassessment of the watershed in 2022 using a more robust sampling method, which included habitat, macroinvertebrate, and water chemistry samples, showed that siltation and metals are still a cause of impairment. The water chemistry data indicates that pH is no longer contributing to the impairment (Table 1). Shauffer Run will be listed as impaired on the 2026 IR for siltation, habitat alterations, aluminum, and iron.

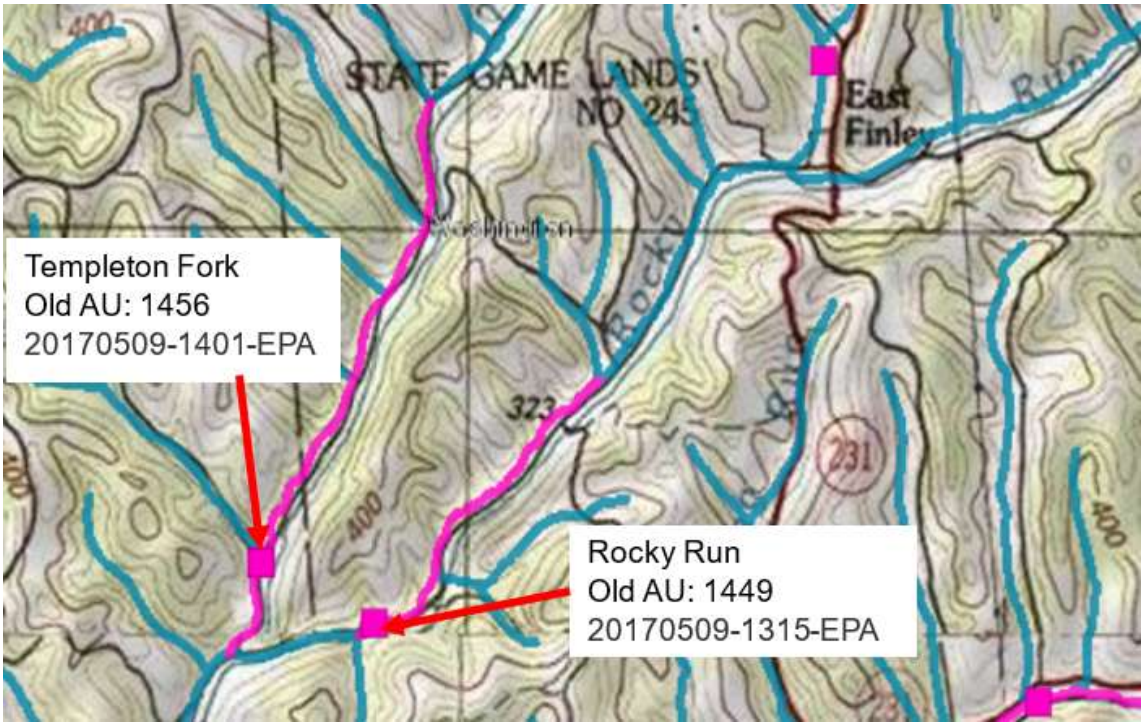
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	24STR
Macroinvertebrate IBI Score	33.0
pH	7.3

CAUSE REMOVAL JUSTIFICATION FOR
TEMPLETON FORK AND ROCKY RUN

HUC: 05030106
DEP Rocky Run Stream Code: 32712
DEP Templeton Fork Stream Code: 32708
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Templeton Fork and Rocky Run Cause Removal



Templeton Fork mainstem from UNT 32731 to confluence with Rocky Run was impaired for:
Old AU 1456: Source Subsurface (Hardrock) Mining, Causes Habitat Alterations and Siltation (2002)
Rocky Run Mainstem from UNT 32716 to UNT 32713 was impaired for:
Old AU 1449: Source Subsurface (Hardrock) Mining, Cause Habitat Alterations and Siltation (2002)
New AU 24433: Templeton Fork and Rocky Run are now supporting for Aquatic Life Use.

Comments

A reassessment of Templeton Fork and Rocky Run were conducted in 2017 by the EPA's Freshwater Biology Team. Results indicated that the stream is now supporting Aquatic Life Use (Table 1). The old habitat alteration and siltation impairment did not have any previous data to support the impairment. The original listing used the family level SSWAP sampling protocol and was based only on field observations and that location was several miles downstream. The new data collected in 2017 was in the previously impaired locations to better capture representativeness.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20170509-1401-EPA	20170509-1315-EPA
Macroinvertebrate IBI Score	61.3	54.9

CAUSE REMOVAL JUSTIFICATION FOR
TIOGA RIVER

HUC: 02050104
DEP Stream Code: 30990
Assessed Use Category: Fish Consumption
USEPA Delisting Reason: WQS New Data

Tioga River Cause Removal

Old AU 3140: Source Unknown/Mercury (2002)
New AU 24196: Supporting Fish Consumption use category

Comments

The mainstem of Tioga River from the New York border upstream to the confluence with Crooked Creek was impaired for mercury based on the 1996 fish consumption advisory for smallmouth bass. Fish tissue data collected from smallmouth bass filets in 2007, 2013, and 2018 removed the advisory and are below the impairment threshold of 0.26 ppm, indicating that mercury is no longer a cause of impairment.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	WQN0324		
	2007	2013	2018
Mercury in Smallmouth Bass Filet (ppm)	0.225	0.172	0.152

CAUSE REMOVAL JUSTIFICATION FOR
VIRGIN RUN LAKE

HUC: 05020006
Reachcode: 05020006001883
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

Virgin Run Lake Delisting

Old AU 3080: Agriculture/Nutrients (1996)
New AU 4704: Supporting ALU

Comments

Since the previous impairment, additional data has been collected via a TSI survey. The trophic status evaluation indicates eutrophic conditions, hypereutrophic conditions did not exist and dissolved oxygen concentrations in the epilimnion were above 5.0 mg/L. Mean total phosphorus was 0.04 mg/L. and mean total nitrogen was 1.02 mg/L. Based on the data, Virgin Run Lake is phosphorus limited with a TN:TP (total nitrogen to total phosphorus) ratio of 23.9; therefore the overall lake TSI score was 58.35. A report detailing the Virgin Run Lake survey can be found within the DEP stream files. Excerpts of specific data used to delist nutrients is included herein.

Table 1. Chemistry results collected at Station 1 (VIRGRNLK1) that justify cause removal.

Cause Removal Information	2023-08-15 (top)	2023-11-14 (bottom)	2023-11-14 (top)	2024-03-05 (bottom)	2024-03-05 (top)
Ammonia-N T (mg/L)	< 0.02	0.14	0.15	0.05	0.02
Nitrate-N (mg/L)	< 0.04	0.24	0.24	0.6	0.5
Nitrogen T (mg/L)	0.83	0.86	0.93	1.43	1.42
Phosphorus T (mg/L)	0.034	--	0.021	0.063	0.053
Dissolved Oxygen (mg/L)	> 5.0	> 5.0	> 5.0	> 5.0	> 5.0

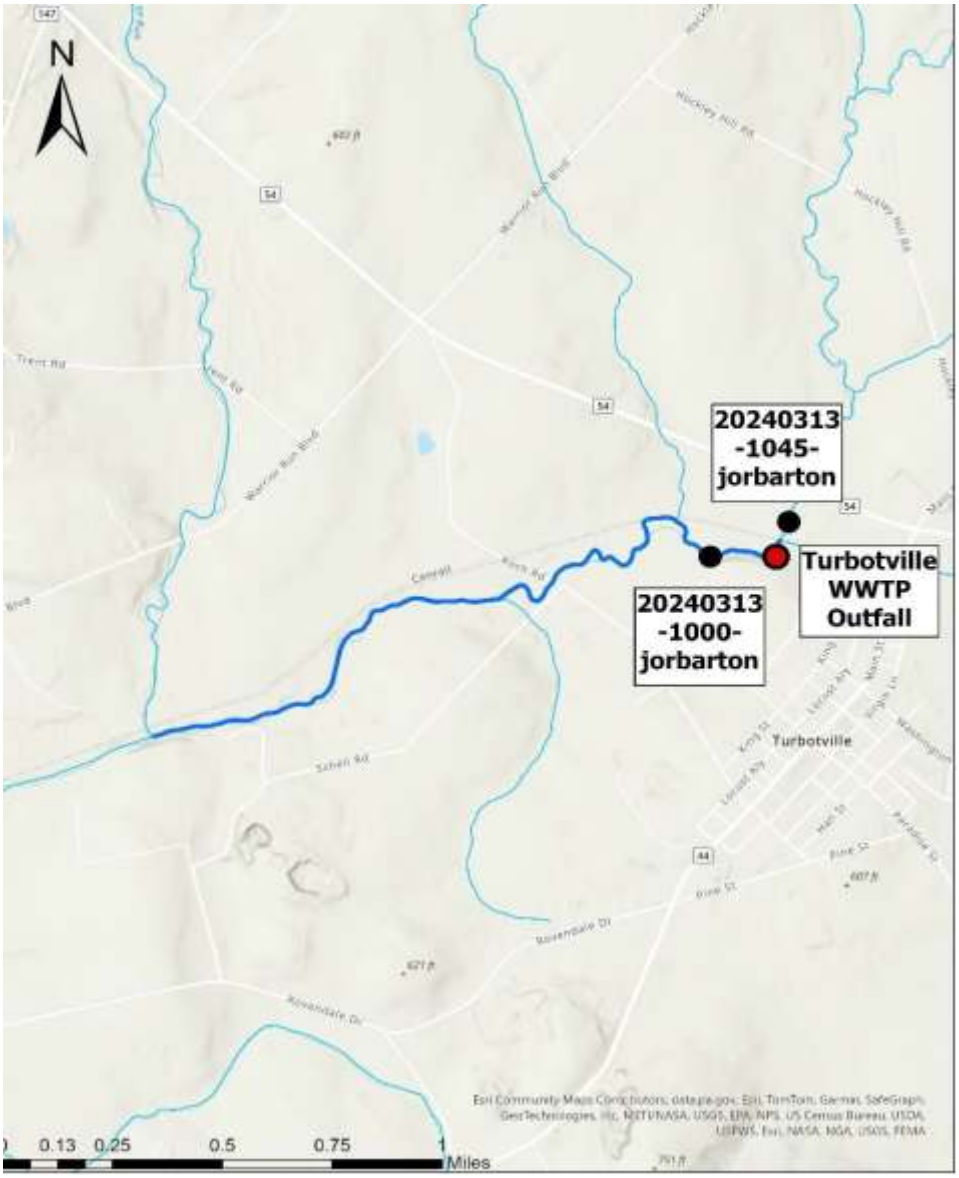
Table 2. Chemistry results collected at Station 2 (VIRGRNLK2) that justify cause removal.

Cause Removal Information	2023-08-15 (bottom)	2023-08-15 (top)	2023-11-14 (bottom)	2023-11-14 (top)	2024-03-05 (bottom)	2024-03-05 (top)
Ammonia-N T (mg/L)	0.02	< 0.02	0.13	0.14	0.06	0.04
Nitrate-N (mg/L)	< 0.04	< 0.04	0.24	0.24	0.73	0.7
Nitrogen T (mg/L)	0.7	0.54	0.9	0.92	1.39	1.33
Phosphorus T (mg/L)	0.044	0.036	0.022	0.037	0.064	0.054
Dissolved Oxygen (mg/L)	> 5.0	> 5.0	> 5.0	> 5.0	> 5.0	> 5.0

CAUSE REMOVAL JUSTIFICATION FOR
UNT 19158 WARRIOR RUN

HUC: 02050206
DEP Stream Code: 19158
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data

UNT 19158 to Warrior Run Cause Removal



Old AU 22949: Ag/Siltation (1998); Municipal Point Source Discharges/Organic Enrichment (1998)
New AU 23835: Ag/Siltation (1998)

Comments

UNT 19158 from the UNT 19161 confluence to its mouth was determined to be ALU impaired in 1997 based on SSWAP monitoring and assessment methods. In 2023, the Source – Municipal Point Discharges, Cause – Ammonia, Un-ionized, impairment was delisted based on data collected in 2020. In March & April of 2024, data were collected to assess any potential influence from the Municipal Point Source Discharge at Turbotville Borough Wastewater Treatment Plant (WWTP). Benthic

macroinvertebrates, habitat, and water chemistry data were collected upstream and downstream of the WWTP according to DEP's current *Water Quality Monitoring Protocols for Streams and Rivers* and evaluated using the current *Assessment Methodology for Streams and Rivers*.

A precision estimate for intersite variability was used to investigate whether a site's biological condition is improved or degraded when compared to a nearby site. At the time this report was authored, the intersite precision limit estimate was 9.0 IBI points. When comparing the IBI scores from upstream and downstream of the Turbotville WWTP, the downstream score is slightly higher and scored well within the precision estimate for intersite variability (Table 1). Though the IBI scores are still below the impairment threshold, they are indicative of no degradation from the WWTP, providing evidence for the removal of the Municipal Point Discharge – Source.

Water chemistry taken from these sites also demonstrated no degradation in organic enrichment parameters when comparing upstream of the WWTP data to downstream data (Table 1). This data provides further evidence for the removal of Source – Municipal Point Discharges, Cause – Organic Enrichment from the impairment.

Table 1. Information and samples used to justify cause removal.

	3/13/2024		4/18/2024	
Cause Removal Info	**Turb Ref**	**Turb Impact**	**Turb Ref**	**Turb Impact**
Macro IBI Score	30.9	31.05	-	-
Ammonia T (mg/L)	<0.02	<0.02	<0.02	<0.02
Nitrogen T (mg/L)	1.01	1.13	1.07	0.89
Orthophosphorus T (mg/L)	<0.01	<0.01	<0.01	<0.01
Phosphorus T (mg/L)	0.019	0.024	0.02	0.026
CBOD5 (mg/L)	0.98	0.5	45.99*	10.5*
Dissolved Oxygen (mg/L)	12.26	12.02	10.68	11.79
Specific Cond (umhos/cm)	125.1	153.6	143.6	165
TDS (mg/L)	88	102	86	96
TSS (mg/L)	<20	<20	<20	<20
TOC (mg/L)	1.36	1.45	2.15	2.52
DOC (mg/L)	1.34	1.47	2.14	2.49

*Lab Qualifier stating standard was out of range.

CAUSE REMOVAL JUSTIFICATION FOR WELCH RUN

HUC: 05010006
DEP Stream Code: 48486
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS New Data, Refinement

Welch Run Cause Removal

Old AU 1304: AMD/Metals and AMD/pH (2000)
New AU 24360: AMD/Iron (legacy) and AMD/Siltation

Comments

Welch Run was listed on the 2000 Integrated List based on a SSWAP survey. An aquatic biology investigation conducted in 2025 to examine the Corsica Borough STP found pH was within the criterion of 6.0-9.0 (Table 1). Legacy metals (iron precipitate) coated the stream bottom substrate.

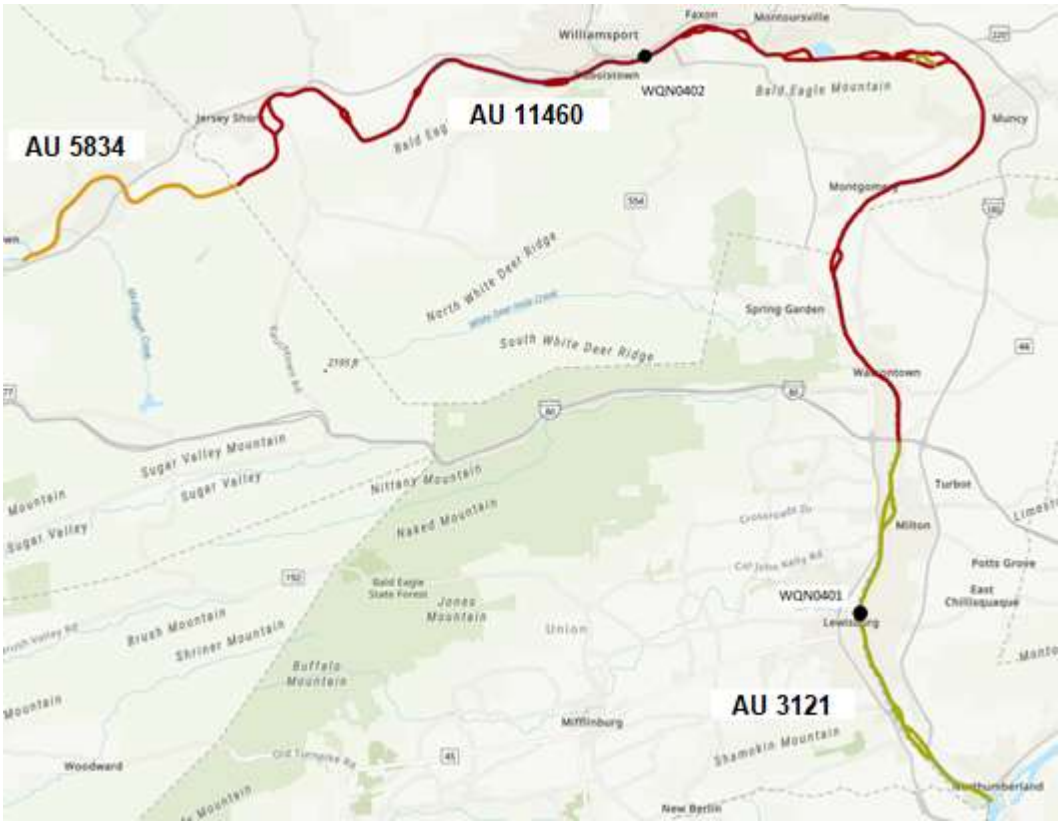
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	Upstream of STP Outfall	STP Outfall Pipe
pH	7.24	7.33

CAUSE REMOVAL JUSTIFICATION FOR
WEST BRANCH SUSQUEHANNA RIVER

HUC: 02050206 and 02050203
DEP Stream Code: 18668
Assessed Use Category: Fish Consumption Use
USEPA Delisting Reason: WQS New Data

West Branch Susquehanna River Cause Removal



Old AU 3121: Source Unknown/PCBs (2002)
Old AU 5834: Source Unknown/PCBs (2004)
Old AU 11460: Source Unknown/PCBs (2004)
New AU 24230: Source Unknown/Mercury (2026)

Comments

The West Branch Susquehanna River was listed as impaired for fish consumption in the early 2000's from its confluence with Bald Eagle Creek to its mouth for PCBs in Channel Catfish. More recent fish tissue data (Table 1) shows PCBs are no longer exceeding the impairment threshold of 0.21 ppm.

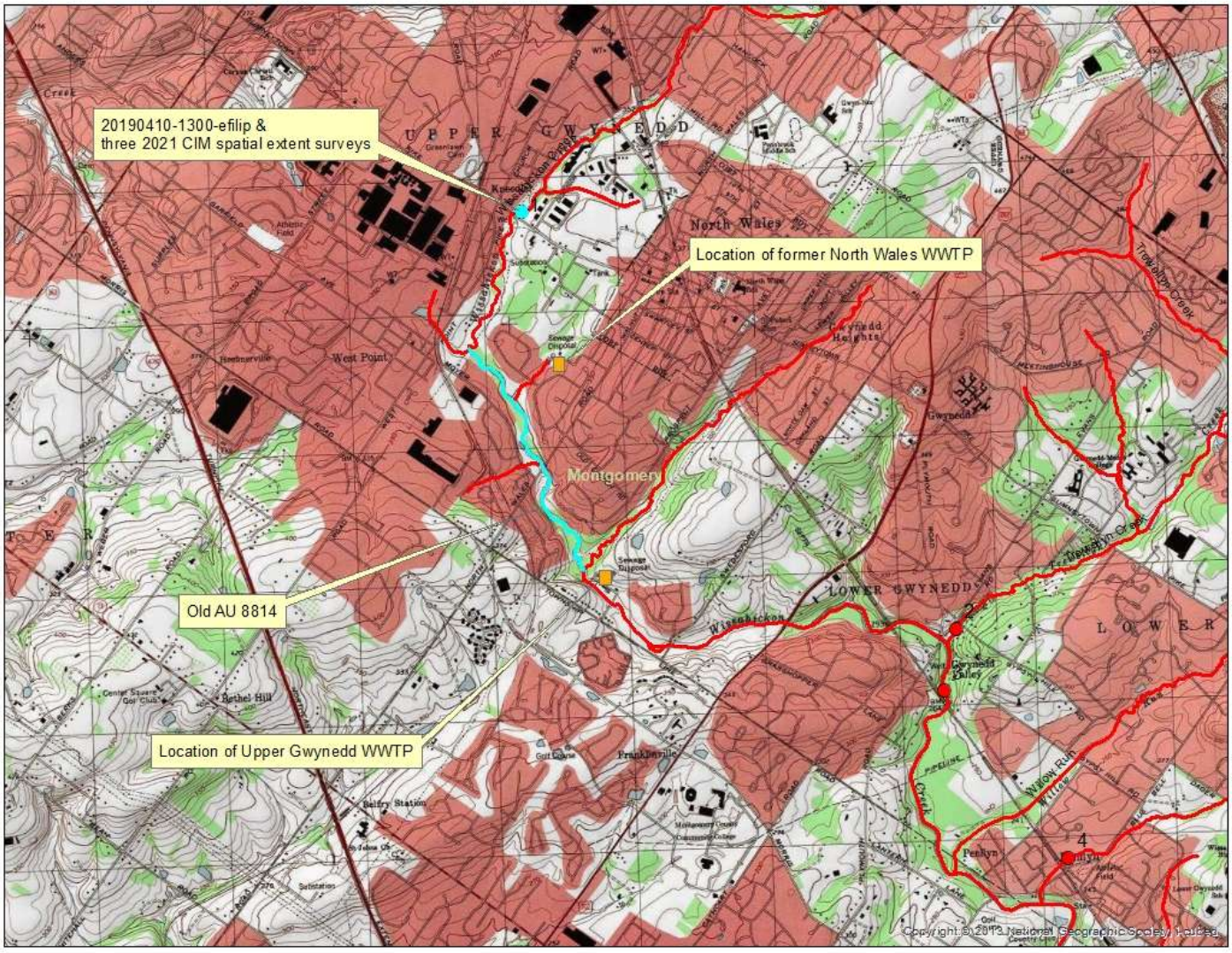
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	WQN0401			WQN0402		
	2010	2012	2014	2012	2014	2016
PCBs in Channel Catfish Filets (ppm)	0.08	0.05	0.11	0.10	0.08	0.12

CAUSE REMOVAL JUSTIFICATION FOR
WISSAHICKON CREEK

HUC: 02040203
DEP Stream Code: 00844
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

Wissahickon Creek Cause Removal



Old AU 8814: Municipal Point Source Discharges / Nutrients (1998); Source Unknown / Flow Regime Modification (1998); Urban Runoff/Storm Sewers / Flow Regime Modification (1998), Nutrients (1998), Siltation (1998).
New AU 23522: Habitat Modification - Other than Hydromodification / Habitat Alterations (2026); Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (1998), Siltation (1998); Water Diversions / Dewatering (1998).

Comments
A portion of the headwaters of Wissahickon Creek (00844) was impaired for Municipal Point Source Discharges / Nutrients (1998) and Urban Runoff/Storm Sewers / Nutrients (1998), among other sources and causes. Since then, North Wales WWTP that discharged to the reach closed in 2013, with its

wastewater rerouted and piped to Upper Gwynedd WWTP further downstream. This eliminated any municipal point source from the reach, making the attributed nutrient impairment inappropriate. The plant closure had the effect of a restoration due to the improved quality of the nutrient treatment processes at Upper Gwynedd WWTP but further diminished the already low base flow of the headwaters of the creek with its downstream diversion. The new assessment on the Wissahickon Creek is based on macroinvertebrate, habitat, and chemistry data collected in 2019 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. With the WWTP closure, nutrients in the Wissahickon Creek headwaters were at low levels and supported removing the nutrient impairment (Table 1).

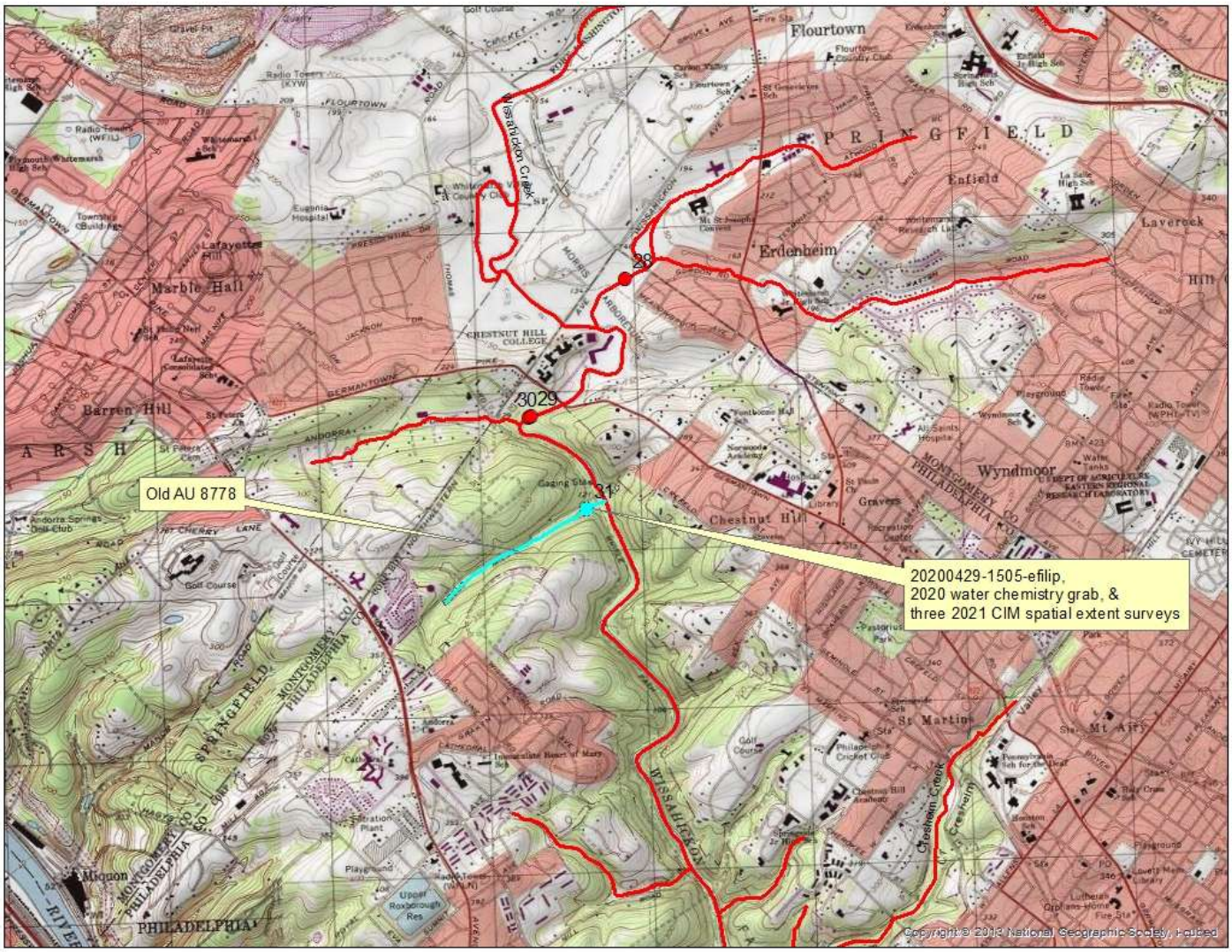
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20190410-1300-efilip
Macroinvertebrate score	10.2
Nitrogen - total	0.58 mg/L
Phosphorous - total	0.017 mg/L

CAUSE REMOVAL JUSTIFICATION FOR
UNT WISSAHICKON CREEK (BELLS MILL RUN)

HUC: 02040203
DEP Stream Code: 00852
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Restoration Activities

UNT Wissahickon Creek (Bells Mill Run) Cause Removal



Old AU 8778: Habitat Modification - Other than Hydromodification / Habitat Alterations (1998); Urban Runoff/Storm Sewers / Flow Regime Modification (1998), Siltation (1998).
New AU 23544: Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (1998).

Comments

The UNT of Wissahickon Creek also known as Bells Mill Run (00852) was impaired for Habitat Modification - Other than Hydromodification / Habitat Alterations and Urban Runoff/Storm Sewers / Siltation in 1998. In the time since the original assessment, the Philadelphia Water Department and its partners enacted a streambank restoration project on the lower reach of the creek for over a mile. Among the methods used were rock toe bank revetments, rock step riffles, boulder steps, scour pool armoring, root wads, and native plantings. This resulted in improved habitat assessment scores that

reached attainment thresholds. The new assessment on the UNT of Wissahickon Creek is based on macroinvertebrate, habitat, and chemistry data collected in 2020 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. The habitat assessment score totaled 188, above the attainment threshold of 140. The Condition of Banks + Bank Vegetative Protection score aggregate was 33, also above attainment threshold of 24. Along with optimal riparian habitat scores for Bank Vegetative Protection, Riparian Vegetative Zone Width, and Disruptive Pressure, this supported delisting the Habitat Alterations impairment. In addition, the Embeddedness + Sediment Deposition score aggregate was 25, above the attainment threshold of 24. This supported delisting the Siltation impairment. The presence of sensitive macroinvertebrates was encouraging, and the current IBI score was higher than the surrounding macroinvertebrate stations, but sadly the overall assessment remained impaired for Aquatic Life despite these impairment delistings. The stream remained impaired for Flow Regime Modification, and a new Eutrophication impairment was added. In addition, impacts on the ion content of the stream showed TDS as a possible cause of impairment. Further study would be required to confirm.

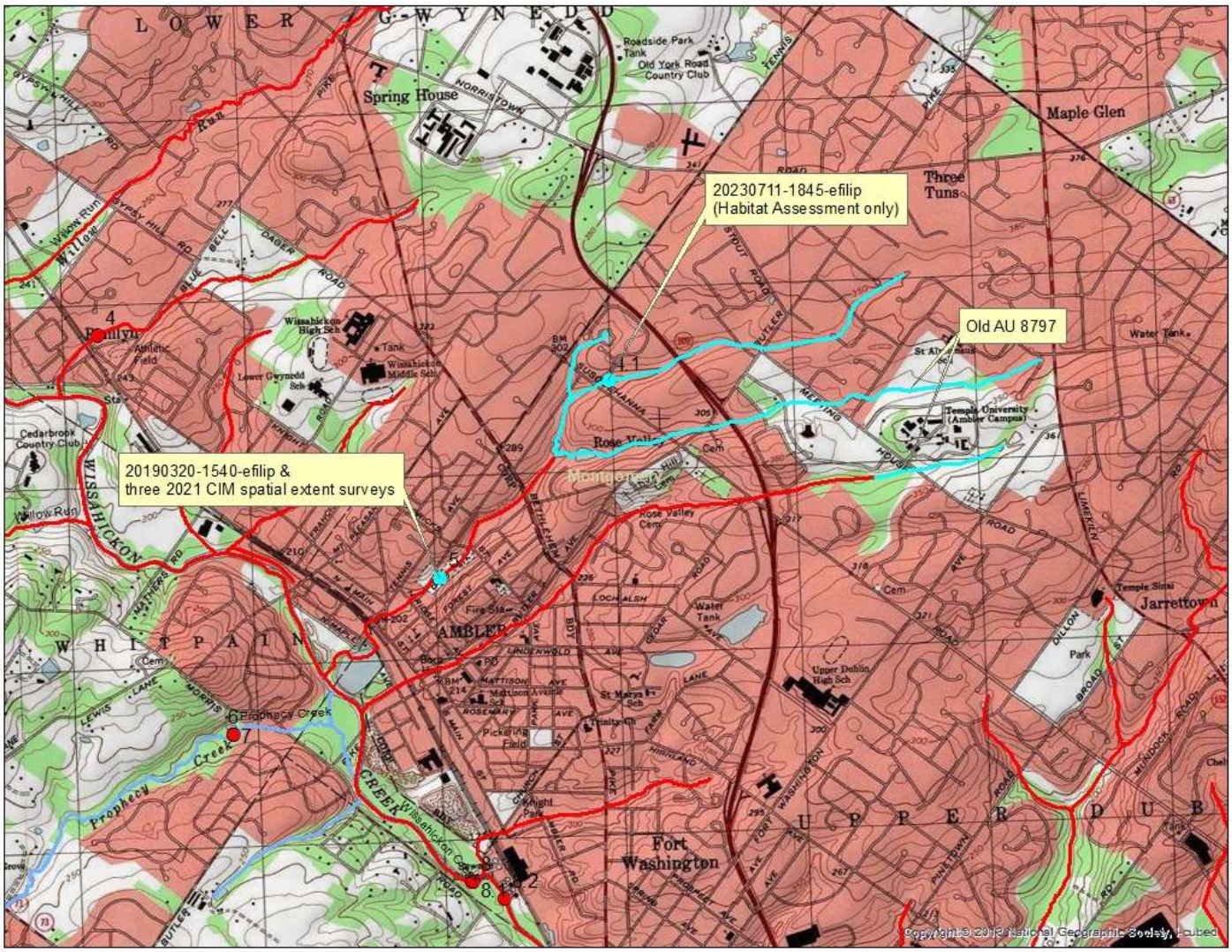
Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20200429-1505-efilip
Macroinvertebrate score	39.5
Total Habitat score	188
Condition of Banks + Bank Vegetation score	33
Embeddedness + Sediment Deposition score	25

CAUSE REMOVAL JUSTIFICATION FOR
UNTS WISSAHICKON CREEK (ROSE VALLEY CREEK AND TANNERY RUN)

HUC: 02040203
DEP Stream Code: 00877, 00878, 00879, 00880
Assessed Use Category: Aquatic Life Use
USEPA Delisting Reason: WQS Listing Incorrect

UNTs Wissahickon Creek (Rose Valley Creek and Tannery Run) Cause Removal



Old AU 8797: Habitat Modification - Other than Hydromodification / Habitat Alterations (1998); Urban Runoff/Storm Sewers / Cause Unknown (1998), Flow Regime Modification (1998), Siltation (1998).
New AU 23529: Urban Runoff/Storm Sewers / Eutrophication (2026), Flow Regime Modification (1998), Siltation (1998).

Comments

The UNTs of Wissahickon Creek also known as Rose Valley Creek (00878, 00879, 00880) and Tannery Run (00877) were impaired for Habitat Modification - Other than Hydromodification / Habitat Alterations in 1998. The original listing appears to have included the headwaters of these streams in in error. While the reaches downstream in the Ambler Borough area were indeed impacted by stream enclosures and were updated to a Channelization / Habitat Alterations impairment, these upper reaches, highlighted in

the above map, were not channelized and should not have had a habitat impairment. The new assessment on the UNTs of Wissahickon Creek is based on macroinvertebrate, habitat, and chemistry data collected in 2019 and 2023 according to DEP's *Water Quality Monitoring Protocols for Streams and Rivers*. The 2023 upstream habitat assessment score totaled 165, above the attainment threshold of 140, and the Condition of Banks/Bank Vegetative Protection couplet totaled 25, above the attainment threshold of 24. This supported delisting the impairment. The riparian habitat of more of the upstream reaches were also supporting, but the USGS stream segments are mostly undividable and unable to reflect the proper demarcation from the channelized reaches downstream. The streams remained impaired for Flow Regime Modification and Siltation, and a new Eutrophication impairment was added. In addition, impacts on the ion content of the stream showed TDS as a possible cause of impairment. Further study would be required to confirm.

Table 1. Information and samples used to justify cause removal.

Cause Removal Information	20190320-1540-efilip	20230711-1845-efilip
Macroinvertebrate score	20.9	
Total Habitat score	149	165
Condition of Banks + Bank Vegetation score	18	25