



OFFICE OF WATER PROGRAMS
BUREAU OF CLEAN WATER
2024 CAUSE REMOVAL 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 four primary protected use categories: Aquatic Life, Recreation, Fish Consumption, and Potable Water Supply. 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.

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 data 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 given the EPA delisting reason of "Refinement". The waterbody is still impaired for that protected use and for the cause being refined. For the 2024 Integrated Report, the EPA delisting reason of Refinement was only used when:
 - a. Changing the metals cause to the specific metal(s) (i.e., iron, aluminum)
 - b. Changing cause unknown to a specific cause
 - c. Updating the pH cause to pH, low or pH, high
 - d. Updating nutrient or algae to eutrophication
 - e. Specifying the pathogens cause as Escherichia Coli (E. Coli)

CAUSE REMOVAL CATEGORY SUMMARIES

The 2024 Integrated Report includes 31 Aquatic Life Use and 4 Recreational Use stream

assessments with cause removals; this reporting cycle also had 4 Aquatic Life Use lake assessments with cause removals (Tables 1, 2, 4, 5, and 6).

Full Use Restorations

These waterbodies are no longer impaired and therefore supporting their specified use. There were 13 stream assessments that determined the Aquatic Life use was fully restored for those stream segments in the surveyed watershed. There were also 3 Recreational Use stream assessments resulting in a full restoration. Two lakes were fully restored for their Aquatic Life Use.

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 10 Aquatic Life Use stream assessments and 2 Aquatic Life Use lake assessments where one or more causes were removed, but the waterbody remained impaired. There were none for Recreational Use this reporting cycle.

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, 8 Aquatic Life Use stream assessments and 1 Recreational Use stream assessment 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. The reasons a refinement was used for this Integrated Report are detailed in the introduction section above. For the 2024 Integrated Report, streams assessments had 25 Aquatic Life Use and 24 Recreational Use refinements. There was also one Aquatic Life Use refinement on a lake.

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 2024 Integrated Report contains six 4b actions. 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	47.8
Cause Removals	34.9
Errors	63.8
Refinements	549.7

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

Cause Removal Category	Total Acres
Full Use Restorations	642.3
Cause Removals	69.2
Errors	0
Refinements	178.5

Table 3. Category 4b Waterbodies.

DEP Assessment Unit Id	Stream Name	EPA ATTAINS Action Id	Date Expected to Support	Addressed Parameter(s)	Comments
13950	Codorus Creek	3553	2026	Thermal Modifications	The DEP is currently reviewing permits with temperature limits in the Codorus Creek watershed.
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. Reassessment work started in 2020 and data collection is ongoing for the 2024 IR.
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.
21967	Sandy Lick Creek	3563	2032	Un-ionized Ammonia, TSS	Aquatic Life Use (ALU) impairment due to Total Suspended Solids from Wastewater Treatment Plant (WWTP) outfall into Narrows Creek upstream. New data has been collected and is under review.
21969	Narrows Creek	3563	2032	Cause Unknown	ALU impairment for downstream section of Narrows Creek from Municipal Point Source Discharge. Watershed will be targeted for sampling in 2024.

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
East Branch Conestoga River	57461623	Aquatic Life	7862	23189	0.62572079	Chester	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461625	Aquatic Life	7862	23189	0.538728824	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461613	Aquatic Life	7862	23189	1.534786844	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461521	Aquatic Life	7862	23189	0.027961704	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461545	Aquatic Life	7862	23189	0.359152549	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461489	Aquatic Life	7862	23189	0.188896842	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461611	Aquatic Life	7862	23189	0.317520679	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461501	Aquatic Life	7862	23189	0.162799252	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461499	Aquatic Life	7862	23189	0.049709695	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461575	Aquatic Life	7862	23189	0.039146385	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461577	Aquatic Life	7862	23189	0.736324863	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461573	Aquatic Life	7862	23189	0.302607771	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461549	Aquatic Life	7862	23189	0.049709695	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461543	Aquatic Life	7862	23189	0.042874612	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461559	Aquatic Life	7862	23189	0.910930168	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461511	Aquatic Life	7862	23189	0.129245208	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461541	Aquatic Life	7862	23189	0.171498449	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461537	Aquatic Life	7862	23189	0.103768989	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461513	Aquatic Life	7862	23189	0.128623837	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461515	Aquatic Life	7862	23189	0.308200111	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461551	Aquatic Life	7862	23189	0.365366261	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461553	Aquatic Life	7862	23189	1.44406665	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461557	Aquatic Life	7862	23189	0.28148115	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to West Branch Conestoga River	57461651	Aquatic Life	7862	23189	0.034175416	Lancaster	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to West Branch Conestoga River	57461649	Aquatic Life	7862	23189	0.229907341	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to West Branch Conestoga River	57461673	Aquatic Life	7862	23189	1.165692356	Lancaster	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
West Branch Conestoga River	57461631	Aquatic Life	7862	23189	0.293287203	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
West Branch Conestoga River	57461593	Aquatic Life	7862	23189	0.043495983	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
West Branch Conestoga River	57461589	Aquatic Life	7862	23189	0.928949932	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
West Branch Conestoga River	57461747	Aquatic Life	7862	23189	3.274626182	Berks	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Crosskill Creek	56395717	Aquatic Life	9987	23063	1.79327726	Berks	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Deer Creek	102670179	Aquatic Life	6281	23267	1.234664559	Clarion	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Deer Creek	102670181	Aquatic Life	6281	23267	0.059651634	Clarion	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Deer Creek	102670177	Aquatic Life	6281	23267	0.00497097	Clarion	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Deer Creek	102669819	Aquatic Life	7133	23268	1.184333492	Clarion	PH	WQS_NEW_DATA
Unnamed Tributary to Halfmoon Creek	65602894	Aquatic Life	14113	23490	1.21478068	Centre	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67177884	Aquatic Life	806	23135	0.322491649	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67177940	Aquatic Life	806	23135	0.746888173	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178046	Aquatic Life	806	23135	0.592166746	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA

Unnamed Tributary to Little Marsh Creek	67177802	Aquatic Life	806	23135	0.418804183	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178050	Aquatic Life	806	23135	0.722033325	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178124	Aquatic Life	806	23135	1.035204406	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178028	Aquatic Life	806	23135	0.909066054	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67177800	Aquatic Life	806	23135	0.264082757	Centre	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67177726	Aquatic Life	851	23135	0.356045693	Centre	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67177686	Aquatic Life	851	23135	0.593409488	Centre	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	134367493	Aquatic Life	851	23135	0.180819017	Centre	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	134367505	Aquatic Life	851	23135	0.461057425	Centre	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	134367495	Aquatic Life	851	23135	0.267189613	Centre	SILTATION	WQS_NEW_DATA
Marsh Creek	67176640	Aquatic Life	1004	23134	0.36474489	Centre	SILTATION	WQS_NEW_DATA
Marsh Creek	67176720	Aquatic Life	1004	23134	0.325598505	Centre	SILTATION	WQS_NEW_DATA
Marsh Creek	67176598	Aquatic Life	1004	23134	0.026718961	Centre	SILTATION	WQS_NEW_DATA
Marsh Creek	67176652	Aquatic Life	1004	23134	0.482184045	Centre	SILTATION	WQS_NEW_DATA
Middle Branch Little Sandy Creek	123855547	Aquatic Life	1695	23271	0.968096317	Jefferson	PH	WQS_NEW_DATA
Pigeon Run	73877994	Aquatic Life	430	23193	0.003106856	Greene	NUTRIENTS; SILTATION	WQS_NEW_DATA
Pigeon Run	73878170	Aquatic Life	430	23193	1.591331623	Greene	NUTRIENTS; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Pine Creek	54963149	Aquatic Life	21951	22962	0.478455818	Centre	NUTRIENTS; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Pine Creek	54963505	Aquatic Life	21951	22962	0.595273602	Centre	NUTRIENTS; SILTATION	WQS_NEW_DATA
Roaring Creek	65642439	Recreational	15218	23032	1.21478068	Columbia	PATHOGENS	WQS_NEW_DATA
Roaring Creek	65642411	Recreational	15218	23032	0.198838781	Columbia	PATHOGENS	WQS_NEW_DATA
Roaring Creek	65642441	Recreational	15218	23032	0.341754156	Columbia	PATHOGENS	WQS_NEW_DATA
South Branch Roaring Creek	65642849	Recreational	15217	23032	1.026505209	Columbia	PATHOGENS	WQS_NEW_DATA
South Branch Roaring Creek	65643049	Recreational	15217	23032	0.647468782	Columbia	PATHOGENS	WQS_NEW_DATA
South Branch Roaring Creek	65642559	Recreational	15217	23032	0.538107452	Columbia	PATHOGENS	WQS_NEW_DATA
South Branch Roaring Creek	65642367	Recreational	15217	23032	0.00497097	Columbia	PATHOGENS	WQS_NEW_DATA
Roaring Run	123715819	Recreational	16919	23126	0.853142647	Somerset	PATHOGENS	WQS_NEW_DATA
Roaring Run	123715818	Recreational	16919	23126	0.289558976	Somerset	PATHOGENS	WQS_NEW_DATA
Unnamed Tributary to Turtle Creek	66921247	Aquatic Life	2961	23493	1.3135787	Union	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Turtle Creek	66921333	Aquatic Life	2961	23499	0.887939433	Union	SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916897	Aquatic Life	8384	23222	0.171498449	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916653	Aquatic Life	8384	23222	0.84941442	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916649	Aquatic Life	8384	23222	0.300122286	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916883	Aquatic Life	8384	23222	1.051981428	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916479	Aquatic Life	8384	23222	0.877997494	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916613	Aquatic Life	8384	23222	0.682265569	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916675	Aquatic Life	8384	23222	0.441794918	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66916611	Aquatic Life	8384	23222	0.277131552	Northumberland and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA

Unnamed Tributary to Warrior Run	66916621	Aquatic Life	8384	23222	0.505174779	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916575	Aquatic Life	8384	23222	0.028583075	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916565	Aquatic Life	8384	23222	0.215615804	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66917071	Aquatic Life	8384	23222	0.707741788	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916647	Aquatic Life	8384	23222	0.111225443	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916477	Aquatic Life	8384	23222	0.142294003	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916431	Aquatic Life	8384	23222	1.117846774	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916625	Aquatic Life	8384	23222	0.100662133	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916895	Aquatic Life	8384	23222	0.874890638	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	WQS_NEW_DATA
Warrior Run	66916591	Aquatic Life	8384	23222	0.042874612	Northumberl and	FLOW REGIME MODIFICATION; SILTATION	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
Conestoga River	57461791	Aquatic Life	7862	23190	0.497096954	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461647	Aquatic Life	7862	23190	0.022990734	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461681	Aquatic Life	7862	23190	0.354181579	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461727	Aquatic Life	7862	23190	0.91217291	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
East Branch Conestoga River	57461635	Aquatic Life	7862	23190	0.189518214	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461719	Aquatic Life	7862	23190	0.484048159	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461757	Aquatic Life	7862	23190	0.016155651	Chester	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461759	Aquatic Life	7862	23190	0.426260638	Chester	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461839	Aquatic Life	7862	23190	0.700906705	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461775	Aquatic Life	7862	23190	1.097341525	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57461789	Aquatic Life	7862	23190	0.143536745	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461683	Aquatic Life	7862	23190	0.150371829	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461667	Aquatic Life	7862	23190	0.170877078	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461571	Aquatic Life	7862	23190	0.324977133	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461591	Aquatic Life	7862	23190	0.295151316	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Unnamed Tributary to East Branch Conestoga River	57461639	Aquatic Life	7862	23190	0.466028394	Berks	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	NUTRIENTS; ORGANIC ENRICHMENT	WQS_NEW_DATA
Little Conestoga	57462025	Aquatic Life	10254	23192	0.633177245	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Little Conestoga	57461915	Aquatic Life	10254	23192	2.161750377	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Little Conestoga	57461975	Aquatic Life	10254	23192	0.141672632	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Little Conestoga	57462011	Aquatic Life	10254	23192	1.733004255	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Little Conestoga	57462015	Aquatic Life	10254	23192	1.251441581	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Conestoga River	57462017	Aquatic Life	10254	23192	0.788520043	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461769	Aquatic Life	10254	23192	0.016155651	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461751	Aquatic Life	10254	23192	0.159692396	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461753	Aquatic Life	10254	23192	0.018641136	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461755	Aquatic Life	10254	23192	0.00497097	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461767	Aquatic Life	10254	23192	0.013048795	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461793	Aquatic Life	10254	23192	0.131109322	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461795	Aquatic Life	10254	23192	0.016155651	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA

Unnamed Tributary to Little Conestoga	57461913	Aquatic Life	10254	23192	1.044524974	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461969	Aquatic Life	10254	23192	0.835122882	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461973	Aquatic Life	10254	23192	1.204838741	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57462009	Aquatic Life	10254	23192	2.030641056	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Conestoga	57461761	Aquatic Life	10254	23192	0.027340332	Lancaster	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Crosskill Creek	56395733	Aquatic Life	9987	23076	0.963125348	Berks	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Crosskill Creek	56395771	Aquatic Life	9987	23076	0.008077826	Berks	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Crosskill Creek	56395719	Aquatic Life	9987	23076	2.145594726	Berks	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Crosskill Creek	56395729	Aquatic Life	9987	23076	0.049088324	Berks	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Crosskill Creek	56395767	Aquatic Life	9987	23076	0.315656566	Berks	HABITAT ALTERATIONS; SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Elk Creek	54963509	Aquatic Life	15620	22907	0.01056331	Centre	SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Elk Creek	54963501	Aquatic Life	15620	22907	0.261597272	Centre	SILTATION	FLOW REGIME MODIFICATION	WQS_NEW_DATA
Hammer Creek	57462239	Aquatic Life	8624	23194	0.300122286	Lancaster	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS_NEW_DATA
Hammer Creek	57462233	Aquatic Life	8624	23194	1.388764614	Lancaster	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS_NEW_DATA
Hammer Creek	57462317	Aquatic Life	8624	23194	1.594438479	Lancaster	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Hammer Creek	57462283	Aquatic Life	8624	23194	0.526922771	Lancaster	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Hammer Creek	57462235	Aquatic Life	8624	23194	0.012427424	Lancaster	HABITAT ALTERATIONS; SILTATION	NUTRIENTS; SILTATION	WQS_NEW_DATA
Catawissa Creek	65640801	Aquatic Life	11476	23365	0.013670166	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Catawissa Creek	65640829	Aquatic Life	11476	23365	0.392706593	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Catawissa Creek	13425896 5	Aquatic Life	11476	23365	0.108118587	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Catawissa Creek	13425896 7	Aquatic Life	11476	23365	0.121167382	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	13425896 8	Aquatic Life	11476	23365	0.032311302	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	65641039	Aquatic Life	11476	23365	0.267810984	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	13425897 3	Aquatic Life	11476	23365	0.234256939	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	65640959	Aquatic Life	11476	23365	0.164041995	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	13425897 1	Aquatic Life	11476	23365	0.046602839	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Hunkydory Creek	65641049	Aquatic Life	11476	23365	0.060894377	Luzerne	FLOW REGIME MODIFICATION; PH, LOW	METALS	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178288	Aquatic Life	896	23147	0.196353297	Centre	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178334	Aquatic Life	896	23147	0.688479281	Centre	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Little Marsh Creek	67178402	Aquatic Life	896	23147	1.262626262	Centre	HABITAT ALTERATIONS; SILTATION	ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
North Branch Mahantango Creek	54969975	Aquatic Life	8383	23494	1.458358188	Snyder	HABITAT ALTERATIONS	SILTATION	WQS_NEW_DATA

Unnamed Tributary to Warrior Run	66917699	Aquatic Life	8382	22949	0.456707826	Northumberland	ORGANIC ENRICHMENT; SILTATION	AMMONIA, UN-IONIZED; ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66917671	Aquatic Life	8382	22949	0.257869045	Northumberland	ORGANIC ENRICHMENT; SILTATION	AMMONIA, UN-IONIZED; ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Warrior Run	66917757	Aquatic Life	8382	22949	0.712091386	Northumberland	ORGANIC ENRICHMENT; SILTATION	AMMONIA, UN-IONIZED; ORGANIC ENRICHMENT; SILTATION	WQS_NEW_DATA
Unnamed Tributary to Wyomissing Creek	25995782	Aquatic Life	3926	22928	0.155964169	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Wyomissing Creek	25992930	Aquatic Life	3926	22928	0.23984928	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Wyomissing Creek	25992954	Aquatic Life	3926	22928	0.847550306	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION	WQS_NEW_DATA
Unnamed Tributary to Wyomissing Creek	25992936	Aquatic Life	3926	22928	1.18309075	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	DEWATERING; FLOW REGIME MODIFICATION	WQS_NEW_DATA

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
Unnamed Tributary to Elevenmile Creek	112362523	Recreational	21282	22954	0.39084248	Potter		PATHOGENS	WQS_LISTING_INCORRECT
Susquehanna River	43488179	Aquatic Life	12853	23470	0.55239899	Susquehanna		METALS	WQS_LISTING_INCORRECT
Susquehanna River	43488187	Aquatic Life	12853	23470	0.021747992	Susquehanna		METALS	WQS_LISTING_INCORRECT
Susquehanna River	43488569	Aquatic Life	12853	23470	0.638769585	Susquehanna		METALS	WQS_LISTING_INCORRECT
Susquehanna River	43488557	Aquatic Life	12853	23470	1.23031496	Susquehanna		METALS	WQS_LISTING_INCORRECT
Susquehanna River	43488197	Aquatic Life	12853	23470	0.026718961	Susquehanna		METALS	WQS_LISTING_INCORRECT
Susquehanna River	66401013	Aquatic Life	12852	23471	0.832016026	Bradford		METALS	WQS_LISTING_INCORRECT
Susquehanna River	66400651	Aquatic Life	12852	23471	0.368473117	Bradford		METALS	WQS_LISTING_INCORRECT
Susquehanna River	66400177	Aquatic Life	12852	23471	0.423153782	Bradford		METALS	WQS_LISTING_INCORRECT
Susquehanna River	66399935	Aquatic Life	12852	23471	0.082020997	Bradford		METALS	WQS_LISTING_INCORRECT
Susquehanna River	66400455	Aquatic Life	12852	23471	0.539971566	Bradford		METALS	WQS_LISTING_INCORRECT
Susquehanna River	65631861	Aquatic Life	311	23474	0.173983934	Luzerne	ALUMINUM; IRON	FLOW REGIME MODIFICATION; METALS; PH; SILTATION	WQS_LISTING_INCORRECT
Susquehanna River	57465419	Aquatic Life	12850	23478	0.563583671	Lancaster	PH, HIGH	METALS; PH	WQS_LISTING_INCORRECT
Susquehanna River	57465475	Aquatic Life	12850	23478	0.493990098	Lancaster	PH, HIGH	METALS; PH	WQS_LISTING_INCORRECT
Susquehanna River	57465333	Aquatic Life	12850	23478	0.663624433	Lancaster	PH, HIGH	METALS; PH	WQS_LISTING_INCORRECT
Susquehanna River	57465159	Aquatic Life	12850	23478	0.252276704	York	PH, HIGH	METALS; PH	WQS_LISTING_INCORRECT
Susquehanna River	57465111	Aquatic Life	12850	23478	0.285209377	York	PH, HIGH	METALS; PH	WQS_LISTING_INCORRECT
Susquehanna River	133507330	Aquatic Life	12851	23479	0.400163048	Montour	ALUMINUM; IRON; SILTATION	METALS	WQS_LISTING_INCORRECT
Susquehanna River	65641853	Aquatic Life	12851	23479	0.452358228	Northumberland	ALUMINUM; IRON; SILTATION	METALS	WQS_LISTING_INCORRECT
Susquehanna River	65641805	Aquatic Life	12851	23479	0.648090153	Northumberland	ALUMINUM; IRON; SILTATION	METALS	WQS_LISTING_INCORRECT
Susquehanna River	65641661	Aquatic Life	12851	23479	0.484048159	Northumberland	ALUMINUM; IRON; SILTATION	METALS	WQS_LISTING_INCORRECT
Susquehanna River	133507327	Aquatic Life	12851	23479	0.329948103	Montour	ALUMINUM; IRON; SILTATION	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115133	Aquatic Life	7480	23482	0.180197646	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115129	Aquatic Life	7480	23482	1.166935099	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115179	Aquatic Life	7480	23482	1.458979559	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115199	Aquatic Life	7480	23482	0.275267438	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115203	Aquatic Life	7480	23482	0.084506482	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116435	Aquatic Life	7480	23482	1.296180307	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT

West Branch Susquehanna River	61116447	Aquatic Life	7480	23482	0.092584308	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116463	Aquatic Life	7480	23482	0.853142647	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115097	Aquatic Life	7480	23482	1.270082716	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115525	Aquatic Life	7480	23482	0.74005309	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115569	Aquatic Life	7480	23482	0.489640499	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115631	Aquatic Life	7480	23482	0.941377356	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116475	Aquatic Life	7480	23482	0.232392826	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116517	Aquatic Life	7480	23482	1.885240197	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115253	Aquatic Life	7480	23482	0.88607532	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115421	Aquatic Life	7480	23482	1.040175375	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115449	Aquatic Life	7480	23482	0.974310029	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115463	Aquatic Life	7480	23482	0.579117951	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115491	Aquatic Life	7480	23482	0.684751054	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115493	Aquatic Life	7480	23482	0.655546608	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115521	Aquatic Life	7480	23482	0.541835679	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116433	Aquatic Life	7480	23482	0.49523284	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115027	Aquatic Life	7480	23482	0.877376123	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116709	Aquatic Life	7480	23482	0.095069792	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115691	Aquatic Life	7480	23482	0.546806649	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115697	Aquatic Life	7480	23482	0.162177881	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115707	Aquatic Life	7480	23482	0.331812217	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115403	Aquatic Life	7480	23482	1.189304462	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116551	Aquatic Life	7480	23482	1.066272966	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116265	Aquatic Life	7480	23482	0.730111151	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116605	Aquatic Life	7480	23482	0.872405154	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116277	Aquatic Life	7480	23482	1.210431082	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116367	Aquatic Life	7480	23482	2.625914657	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116697	Aquatic Life	7480	23482	1.57952557	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116701	Aquatic Life	7480	23482	0.851278533	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115909	Aquatic Life	7480	23482	1.247091982	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116713	Aquatic Life	7480	23482	0.221829516	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT

West Branch Susquehanna River	61116719	Aquatic Life	7480	23482	0.352317466	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116727	Aquatic Life	7480	23482	0.707741788	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115771	Aquatic Life	7480	23482	0.515116718	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116547	Aquatic Life	7480	23482	0.457950569	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116553	Aquatic Life	7480	23482	0.431231607	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114849	Aquatic Life	7480	23482	0.347967868	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116209	Aquatic Life	7480	23482	0.592788117	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116635	Aquatic Life	7480	23482	0.342996898	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116675	Aquatic Life	7480	23482	1.453387218	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115843	Aquatic Life	7480	23482	0.635662729	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115885	Aquatic Life	7480	23482	0.216237175	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116527	Aquatic Life	7480	23482	0.201945637	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114785	Aquatic Life	7480	23482	0.128623837	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115945	Aquatic Life	7480	23482	0.53686471	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115967	Aquatic Life	7480	23482	0.140429889	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114839	Aquatic Life	7480	23482	1.484455778	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114883	Aquatic Life	7480	23482	0.468513879	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114801	Aquatic Life	7480	23482	0.838229738	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114831	Aquatic Life	7480	23482	0.532515112	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115009	Aquatic Life	7480	23482	1.682673188	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116175	Aquatic Life	7480	23482	0.295772687	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114905	Aquatic Life	7480	23482	0.13048795	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116397	Aquatic Life	7480	23482	0.128002466	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116167	Aquatic Life	7480	23482	0.28148115	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61114917	Aquatic Life	7480	23482	0.126759723	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116093	Aquatic Life	7480	23482	2.512203729	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116141	Aquatic Life	7480	23482	0.321248906	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115837	Aquatic Life	7480	23482	0.300122286	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115797	Aquatic Life	7480	23482	2.024427344	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61115829	Aquatic Life	7480	23482	0.526922771	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	61116259	Aquatic Life	7480	23482	0.397056192	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT

West Branch Susquehanna River	61116179	Aquatic Life	7480	23482	1.970989421	Clinton	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	66917409	Aquatic Life	12857	23482	0.367230375	Lycoming	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	66917283	Aquatic Life	12857	23482	1.029612065	Lycoming	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	66916949	Aquatic Life	12857	23482	0.169634335	Lycoming	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	66917015	Aquatic Life	12857	23482	0.237363795	Lycoming	CAUSE UNKNOWN	METALS	WQS_LISTING_INCORRECT
West Branch Susquehanna River	66919759	Aquatic Life	8371	23483	0.640012328	Northumberland		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
Beaver Run	133258110	Recreational	21167	23353	0.541835679	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	133258112	Recreational	21167	23353	0.133594806	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	66920857	Recreational	21167	23353	0.331812217	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	66921095	Recreational	21167	23353	1.570205002	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	66920793	Recreational	21167	23353	0.533757854	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	66920631	Recreational	21167	23353	0.013654546	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaver Run	66920735	Recreational	21167	23353	0.640633699	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaverdam Run	123715584	Recreational	16876	23333	0.778578104	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaverdam Run	123715573	Recreational	16876	23333	0.554263103	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaverdam Run	123715590	Recreational	16876	23333	0.171498449	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Beaverdam Run	123715592	Recreational	16876	23333	0.261597272	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Black Run	66920165	Recreational	21159	23346	0.850035791	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Black Run	66920237	Recreational	21159	23346	1.761587329	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Black Run	66920283	Recreational	21159	23346	1.61059413	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398215	Recreational	18307	23188	0.153478684	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398341	Recreational	18307	23188	0.400784419	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398673	Recreational	18307	23188	0.467892508	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398499	Recreational	18307	23188	0.464785652	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398839	Recreational	18307	23188	0.345482383	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Bow Creek	56398713	Recreational	18307	23188	0.099419391	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100470671	Recreational	20517	23408	0.871783782	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468273	Recreational	20517	23408	0.659274835	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468607	Recreational	20517	23408	0.880482979	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468613	Recreational	20517	23408	0.022990734	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468715	Recreational	20517	23408	0.301986399	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468823	Recreational	20517	23408	0.635662729	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468919	Recreational	20517	23408	0.669838145	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100468615	Recreational	20517	23408	0.037282272	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100470469	Recreational	20517	23408	0.672323363	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100469591	Recreational	20517	23408	1.941163604	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100469923	Recreational	20517	23408	1.237150043	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100470151	Recreational	20517	23408	0.610807882	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100470311	Recreational	20517	23408	0.649954267	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Caldwell Creek	100469183	Recreational	20517	23408	1.393114213	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Chester Creek	25621344	Aquatic Life	19406	22812	0.264082757	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Chester Creek	25621338	Aquatic Life	19406	22812	0.111225443	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Chester Creek	25621340	Aquatic Life	19406	22812	0.567311898	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Chester Creek	25621336	Aquatic Life	19406	22812	0.105011731	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT

Chester Creek	25607141	Aquatic Life	17135	22815	0.436202577	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621342	Aquatic Life	17135	22815	0.337404557	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621348	Aquatic Life	17135	22815	0.74564543	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607110	Aquatic Life	17135	22815	0.643119184	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621346	Aquatic Life	17135	22815	0.1509932	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607098	Aquatic Life	17135	22815	0.212508948	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621350	Aquatic Life	17135	22815	0.134837549	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621332	Aquatic Life	17135	22815	0.487776386	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607101	Aquatic Life	17135	22815	0.198838781	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607067	Aquatic Life	17135	22815	0.46913525	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621330	Aquatic Life	17135	22815	0.050952438	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607061	Aquatic Life	17135	22815	0.697178477	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607107	Aquatic Life	17135	22815	0.862463215	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621328	Aquatic Life	17135	22815	0.232392826	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607047	Aquatic Life	17135	22815	0.241713394	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621556	Aquatic Life	17135	22815	0.497718325	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25621326	Aquatic Life	17135	22815	0.029204446	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25606721	Aquatic Life	17135	22815	0.618885707	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607143	Aquatic Life	17135	22815	0.81834586	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607054	Aquatic Life	17136	22815	0.178954903	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT

Chester Creek	25606937	Aquatic Life	17136	22815	0.168391593	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Chester Creek	25607022	Aquatic Life	17138	22817	0.01553428	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25607171	Aquatic Life	17138	22817	0.337404557	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25602869	Aquatic Life	17138	22817	1.791413147	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25606723	Aquatic Life	17138	22817	0.165906108	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	133072440	Aquatic Life	17138	22817	0.592788117	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25602853	Aquatic Life	17138	22817	0.050331067	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25607147	Aquatic Life	17138	22817	0.851899904	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	133072443	Aquatic Life	17138	22817	1.051981428	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25625912	Aquatic Life	17138	22817	0.162799252	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25607150	Aquatic Life	17138	22817	0.859356359	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25607168	Aquatic Life	17138	22817	0.423775153	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25602861	Aquatic Life	17138	22817	0.329326732	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Chester Creek	25602857	Aquatic Life	17138	22817	0.340511413	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Coal Run	66921279	Recreational	21172	23342	0.633177245	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Coal Run	66921267	Recreational	21172	23342	0.528786884	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Coal Run	66921251	Recreational	21172	23342	0.923978963	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Coal Run	66921319	Recreational	21172	23342	0.751237771	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Coal Run	66921297	Recreational	21172	23342	0.305714627	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Coal Run	66921321	Recreational	21172	23342	1.014077785	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Cocalico Creek	57461567	Aquatic Life	8572	22888	0.170877078	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462209	Aquatic Life	8572	22888	1.165692356	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461555	Aquatic Life	8572	22888	0.393949336	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462277	Aquatic Life	8572	22888	0.006213712	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462691	Aquatic Life	8572	22888	0.80281158	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461933	Aquatic Life	8572	22888	0.855628131	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462711	Aquatic Life	8572	22888	0.223693629	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462523	Aquatic Life	8572	22888	0.326219876	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461493	Aquatic Life	8572	22888	0.404512646	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462293	Aquatic Life	8572	22888	1.24087827	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462485	Aquatic Life	8572	22888	0.4119691	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462313	Aquatic Life	8572	22888	0.204431122	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462325	Aquatic Life	8572	22888	0.656167979	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462373	Aquatic Life	8572	22888	0.567311898	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462447	Aquatic Life	8572	22888	0.872405154	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462097	Aquatic Life	8572	22888	1.882754712	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461871	Aquatic Life	8572	22888	1.961047482	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462315	Aquatic Life	8572	22888	0.006213712	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462389	Aquatic Life	8572	22888	0.339890042	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462629	Aquatic Life	8572	22888	0.776092619	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57462715	Aquatic Life	8572	22888	0.014912909	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461771	Aquatic Life	8572	22888	0.382143283	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461733	Aquatic Life	8572	22888	2.182255626	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Cocalico Creek	57461657	Aquatic Life	8572	22888	0.937649129	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Dunderdale Creek	100469589	Recreational	20517	23408	0.956911636	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Dunderdale Creek	100469839	Recreational	20517	23408	0.926464447	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Dunderdale Creek	100469963	Recreational	20517	23408	1.080564503	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
East Branch Chester Creek	25621532	Aquatic Life	17133	22814	0.373444086	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621306	Aquatic Life	17133	22814	0.897260001	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT

East Branch Chester Creek	25621334	Aquatic Life	17133	22814	0.273403325	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621314	Aquatic Life	17133	22814	0.317520679	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621194	Aquatic Life	17133	22814	0.064622604	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621252	Aquatic Life	17133	22814	1.097962896	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621140	Aquatic Life	17133	22814	0.460436053	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621156	Aquatic Life	17133	22814	0.421289668	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621280	Aquatic Life	17133	22814	0.801568838	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
East Branch Chester Creek	25621190	Aquatic Life	17133	22814	1.062544738	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Ferguson Run	69920129	Aquatic Life	6887	22946	1.175634295	Fayette	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Ferguson Run	69919817	Aquatic Life	6887	22946	0.545563907	Fayette	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Flat Run	123715712	Recreational	16919	23337	0.889182176	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Flat Run	123715808	Recreational	16919	23337	0.328083989	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Flat Run	123715811	Recreational	16919	23337	0.02609759	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Flat Run	123715686	Recreational	16919	23337	1.037068519	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Flat Run	123715900	Recreational	16919	23337	0.139808518	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Gum Run	123715706	Recreational	16919	23337	0.356667064	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Gum Run	123715715	Recreational	16919	23337	0.389599737	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Gum Run	123715704	Recreational	16919	23337	0.173362563	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Hartman Run	57464897	Aquatic Life	21500	23478	0.278374294	Lancaster	PH, HIGH	PH	REFINEMENT
Hartman Run	57464899	Aquatic Life	21500	23478	0.069593574	Lancaster	PH, HIGH	PH	REFINEMENT
Hartman Run	57464883	Aquatic Life	21500	23478	0.623856677	Lancaster	PH, HIGH	PH	REFINEMENT
Hartman Run	57464891	Aquatic Life	21500	23478	0.093205679	Lancaster	PH, HIGH	PH	REFINEMENT
Hartman Run	57464845	Aquatic Life	21500	23478	0.40140579	Lancaster	PH, HIGH	PH	REFINEMENT
Hartman Run	57464767	Aquatic Life	21500	23478	0.37033723	York	PH, HIGH	PH	REFINEMENT
Hartman Run	57464689	Aquatic Life	21500	23478	0.223693629	York	PH, HIGH	PH	REFINEMENT
Hazle Creek	26284813	Aquatic Life	2872	23372	1.056952398	Luzerne	IRON; PH, LOW	METALS; PH	REFINEMENT
Juniata River	66205499	Aquatic Life	21498	23480	0.405134017	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205509	Aquatic Life	21498	23480	0.777335361	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205531	Aquatic Life	21498	23480	0.084506482	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205557	Aquatic Life	21498	23480	0.252276704	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205599	Aquatic Life	21498	23480	0.796597868	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205609	Aquatic Life	21498	23480	0.815860375	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205545	Aquatic Life	21498	23480	0.102526247	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205651	Aquatic Life	21498	23480	1.77215064	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205659	Aquatic Life	21498	23480	0.288316233	Juniata	PH, HIGH	PH	REFINEMENT

Juniata River	66205721	Aquatic Life	21498	23480	0.415075956	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205617	Aquatic Life	21498	23480	0.137944405	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205763	Aquatic Life	21498	23480	0.876754752	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205827	Aquatic Life	21498	23480	0.270296469	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205843	Aquatic Life	21498	23480	0.16652748	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205875	Aquatic Life	21498	23480	0.5629623	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205935	Aquatic Life	21498	23480	0.452979599	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205937	Aquatic Life	21498	23480	0.219344031	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205957	Aquatic Life	21498	23480	0.745024059	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205971	Aquatic Life	21498	23480	0.121788754	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205977	Aquatic Life	21498	23480	1.284995625	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66206005	Aquatic Life	21498	23480	0.248548477	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66206015	Aquatic Life	21498	23480	0.143536745	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66206039	Aquatic Life	21498	23480	1.761587329	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205757	Aquatic Life	21498	23480	0.320627535	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66204635	Aquatic Life	21498	23480	0.475970333	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204721	Aquatic Life	21498	23480	0.66735266	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204723	Aquatic Life	21498	23480	0.633798616	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204739	Aquatic Life	21498	23480	1.728033285	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204741	Aquatic Life	21498	23480	1.172527439	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66204749	Aquatic Life	21498	23480	1.249577467	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204771	Aquatic Life	21498	23480	0.08326374	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66204779	Aquatic Life	21498	23480	0.346725125	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204799	Aquatic Life	21498	23480	0.423775153	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204823	Aquatic Life	21498	23480	0.607701026	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204835	Aquatic Life	21498	23480	1.104797979	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204859	Aquatic Life	21498	23480	0.1509932	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204867	Aquatic Life	21498	23480	0.607079655	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66204879	Aquatic Life	21498	23480	0.695314364	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204929	Aquatic Life	21498	23480	0.402648532	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66204953	Aquatic Life	21498	23480	0.822695458	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66204997	Aquatic Life	21498	23480	0.814617633	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205041	Aquatic Life	21498	23480	0.538728824	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205053	Aquatic Life	21498	23480	0.096933906	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205055	Aquatic Life	21498	23480	0.34921061	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205077	Aquatic Life	21498	23480	0.986116082	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205111	Aquatic Life	21498	23480	1.112875805	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205115	Aquatic Life	21498	23480	0.262840014	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205131	Aquatic Life	21498	23480	0.078914141	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205141	Aquatic Life	21498	23480	0.308200111	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205147	Aquatic Life	21498	23480	0.085127853	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205149	Aquatic Life	21498	23480	0.05219518	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205153	Aquatic Life	21498	23480	0.077671399	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205177	Aquatic Life	21498	23480	0.314413823	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205181	Aquatic Life	21498	23480	0.103147618	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205183	Aquatic Life	21498	23480	0.103768989	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205195	Aquatic Life	21498	23480	0.075185914	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205197	Aquatic Life	21498	23480	0.054680665	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205209	Aquatic Life	21498	23480	0.205673865	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205227	Aquatic Life	21498	23480	0.19262507	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205265	Aquatic Life	21498	23480	0.233014197	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205279	Aquatic Life	21498	23480	0.068972202	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205351	Aquatic Life	21498	23480	0.347346496	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66205361	Aquatic Life	21498	23480	0.728868408	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205371	Aquatic Life	21498	23480	1.289345223	Mifflin	PH, HIGH	PH	REFINEMENT

Juniata River	66205387	Aquatic Life	21498	23480	0.103147618	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66205453	Aquatic Life	21498	23480	1.671488507	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66205495	Aquatic Life	21498	23480	1.565855404	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209929	Aquatic Life	21498	23480	0.548670763	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209935	Aquatic Life	21498	23480	0.451736857	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209957	Aquatic Life	21498	23480	1.536650958	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209983	Aquatic Life	21498	23480	1.199867772	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66210027	Aquatic Life	21498	23480	0.448630001	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66210037	Aquatic Life	21498	23480	0.024854848	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210039	Aquatic Life	21498	23480	0.298879543	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210041	Aquatic Life	21498	23480	0.030447188	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210049	Aquatic Life	21498	23480	0.043495983	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210051	Aquatic Life	21498	23480	0.058430508	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210057	Aquatic Life	21498	23480	0.06772946	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210059	Aquatic Life	21498	23480	0.013048795	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210067	Aquatic Life	21498	23480	0.014291537	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210069	Aquatic Life	21498	23480	0.154100056	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210081	Aquatic Life	21498	23480	0.111225443	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66210101	Aquatic Life	21498	23480	1.055088284	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66210111	Aquatic Life	21498	23480	0.706499045	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66210119	Aquatic Life	21498	23480	0.621992563	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66210127	Aquatic Life	21498	23480	1.071865306	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	133431225	Aquatic Life	21498	23480	0.272781953	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	133431229	Aquatic Life	21498	23480	0.219344031	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	133431242	Aquatic Life	21498	23480	0.128002466	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	133431246	Aquatic Life	21498	23480	0.550534876	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207789	Aquatic Life	21498	23480	0.19821741	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206073	Aquatic Life	21498	23480	0.624478048	Juniata	PH, HIGH	PH	REFINEMENT
Juniata River	66206097	Aquatic Life	21498	23480	0.369094488	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206107	Aquatic Life	21498	23480	0.034796787	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206111	Aquatic Life	21498	23480	1.360181539	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206153	Aquatic Life	21498	23480	1.445930764	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206163	Aquatic Life	21498	23480	0.244198879	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206169	Aquatic Life	21498	23480	1.205460113	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206201	Aquatic Life	21498	23480	0.360395291	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206211	Aquatic Life	21498	23480	0.305093255	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206223	Aquatic Life	21498	23480	0.72451881	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206251	Aquatic Life	21498	23480	0.187032729	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206259	Aquatic Life	21498	23480	0.983630597	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206285	Aquatic Life	21498	23480	0.499582438	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206289	Aquatic Life	21498	23480	0.40140579	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206291	Aquatic Life	21498	23480	0.260975901	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206299	Aquatic Life	21498	23480	0.477834447	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206385	Aquatic Life	21498	23480	0.87551201	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206433	Aquatic Life	21498	23480	0.110604072	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206439	Aquatic Life	21498	23480	0.87054104	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206575	Aquatic Life	21498	23480	0.374065458	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206579	Aquatic Life	21498	23480	0.378415056	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206667	Aquatic Life	21498	23480	0.25538356	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206675	Aquatic Life	21498	23480	0.059030263	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206719	Aquatic Life	21498	23480	1.899531734	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206799	Aquatic Life	21498	23480	0.884211206	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66206837	Aquatic Life	21498	23480	0.564205042	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66206879	Aquatic Life	21498	23480	0.189518214	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207009	Aquatic Life	21498	23480	0.640012328	Mifflin	PH, HIGH	PH	REFINEMENT

Juniata River	66207117	Aquatic Life	21498	23480	0.349831981	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207273	Aquatic Life	21498	23480	0.372822715	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207397	Aquatic Life	21498	23480	1.335326692	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207451	Aquatic Life	21498	23480	0.464785652	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207479	Aquatic Life	21498	23480	0.07270043	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207493	Aquatic Life	21498	23480	0.252898075	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207637	Aquatic Life	21498	23480	0.491504613	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207671	Aquatic Life	21498	23480	0.342996898	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207743	Aquatic Life	21498	23480	0.266568241	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207755	Aquatic Life	21498	23480	0.365987632	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207763	Aquatic Life	21498	23480	0.103147618	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209569	Aquatic Life	21498	23480	0.984873339	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66207795	Aquatic Life	21498	23480	0.889182176	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207805	Aquatic Life	21498	23480	0.039973412	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207823	Aquatic Life	21498	23480	0.651197009	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207825	Aquatic Life	21498	23480	0.47969856	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207849	Aquatic Life	21498	23480	1.02153424	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207857	Aquatic Life	21498	23480	0.124409831	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207893	Aquatic Life	21498	23480	0.244198879	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66207917	Aquatic Life	21498	23480	0.535000596	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66207919	Aquatic Life	21498	23480	0.374854896	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66208033	Aquatic Life	21498	23480	0.72451881	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208063	Aquatic Life	21498	23480	0.461678796	Perry	PH, HIGH	PH	REFINEMENT
Juniata River	66208075	Aquatic Life	21498	23480	0.176469419	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208167	Aquatic Life	21498	23480	0.333054959	Dauphin	PH, HIGH	PH	REFINEMENT
Juniata River	66208215	Aquatic Life	21498	23480	0.583467549	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208353	Aquatic Life	21498	23480	0.767393422	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208437	Aquatic Life	21498	23480	0.358531178	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208485	Aquatic Life	21498	23480	0.257247674	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208497	Aquatic Life	21498	23480	0.043495983	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208533	Aquatic Life	21498	23480	0.128623837	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208589	Aquatic Life	21498	23480	0.347967868	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208591	Aquatic Life	21498	23480	0.248548477	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208629	Aquatic Life	21498	23480	0.177712161	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208699	Aquatic Life	21498	23480	0.329326732	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208761	Aquatic Life	21498	23480	0.200081524	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208777	Aquatic Life	21498	23480	0.190760956	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208835	Aquatic Life	21498	23480	0.25041259	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208867	Aquatic Life	21498	23480	0.19821741	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66208961	Aquatic Life	21498	23480	0.520087688	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209069	Aquatic Life	21498	23480	0.708363159	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209177	Aquatic Life	21498	23480	0.744402688	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209207	Aquatic Life	21498	23480	0.640012328	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209283	Aquatic Life	21498	23480	0.794733755	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209401	Aquatic Life	21498	23480	1.221615764	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209425	Aquatic Life	21498	23480	0.438688062	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209437	Aquatic Life	21498	23480	0.466649765	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209441	Aquatic Life	21498	23480	0.247927106	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209447	Aquatic Life	21498	23480	0.082020997	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209465	Aquatic Life	21498	23480	0.175848047	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209485	Aquatic Life	21498	23480	1.396221068	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209867	Aquatic Life	21498	23480	0.212508948	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209581	Aquatic Life	21498	23480	0.857492245	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209639	Aquatic Life	21498	23480	0.679158713	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209679	Aquatic Life	21498	23480	0.937027758	Mifflin	PH, HIGH	PH	REFINEMENT

Juniata River	66209697	Aquatic Life	21498	23480	0.471620735	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209719	Aquatic Life	21498	23480	0.877376123	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209723	Aquatic Life	21498	23480	0.496475582	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209733	Aquatic Life	21498	23480	0.108739959	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209751	Aquatic Life	21498	23480	0.190139585	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209785	Aquatic Life	21498	23480	0.475348962	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209815	Aquatic Life	21498	23480	0.801568838	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209827	Aquatic Life	21498	23480	0.364123519	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209859	Aquatic Life	21498	23480	0.57352561	Mifflin	PH, HIGH	PH	REFINEMENT
Juniata River	66209927	Aquatic Life	21498	23480	1.73051877	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209887	Aquatic Life	21498	23480	0.055302036	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209889	Aquatic Life	21498	23480	0.283966635	Huntingdon	PH, HIGH	PH	REFINEMENT
Juniata River	66209915	Aquatic Life	21498	23480	0.098176648	Huntingdon	PH, HIGH	PH	REFINEMENT
Lick Run	65642739	Recreational	17028	23323	0.858113616	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Lick Run	65642935	Recreational	17028	23323	1.492533603	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Lick Run	65642981	Recreational	17028	23323	0.425017895	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920673	Recreational	15261	23352	1.107283464	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920519	Recreational	15261	23352	1.406163008	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920521	Recreational	15261	23352	0.418804183	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920537	Recreational	15261	23352	0.21375169	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920621	Recreational	15261	23352	0.503310666	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920649	Recreational	15261	23352	0.397056192	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920699	Recreational	15261	23352	0.433717092	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920927	Recreational	15261	23352	1.288723852	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Limestone Run	66920729	Recreational	15261	23352	0.180197646	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66920169	Recreational	21152	23348	0.356667064	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919991	Recreational	21152	23348	0.680401455	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66920001	Recreational	21152	23348	0.394570707	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66920049	Recreational	21152	23348	0.601487314	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66920097	Recreational	21152	23348	1.157614531	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66920117	Recreational	21152	23348	0.216237175	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919983	Recreational	21152	23350	0.884832577	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919841	Recreational	21154	23350	0.953183409	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919653	Recreational	21154	23350	0.138565776	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919635	Recreational	21154	23350	0.602108685	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919543	Recreational	21155	23350	0.111225443	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919563	Recreational	21155	23350	0.624478048	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Little Buffalo Creek	66919641	Recreational	21155	23350	0.897260001	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66921397	Recreational	21168	23341	0.064001233	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66921447	Recreational	21168	23341	0.137944405	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920331	Recreational	15330	23347	0.052816551	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920337	Recreational	15330	23347	0.10439036	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920357	Recreational	15330	23347	0.050952438	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920365	Recreational	15330	23347	0.11992464	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920369	Recreational	15330	23347	0.013048795	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920391	Recreational	15330	23347	0.068972202	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920417	Recreational	15330	23347	0.574768353	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920423	Recreational	15330	23347	0.082020997	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920427	Recreational	15330	23347	0.01553428	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920433	Recreational	15330	23347	0.009320568	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920381	Recreational	15330	23347	0.016777022	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920383	Recreational	15330	23347	0.193246441	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920387	Recreational	15330	23347	0.01056331	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920559	Recreational	15330	23347	0.100040762	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920561	Recreational	15330	23347	0.080156884	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Mill Race	66920515	Recreational	15330	23347	0.020505249	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920529	Recreational	15330	23347	0.009320568	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920543	Recreational	15330	23347	0.326841247	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920545	Recreational	15330	23347	0.116196413	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920565	Recreational	15330	23347	0.034175416	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920445	Recreational	15330	23347	0.179576275	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920327	Recreational	21176	23347	0.028583075	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920343	Recreational	21176	23347	0.083885111	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920291	Recreational	21176	23347	0.049088324	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920505	Recreational	21176	23347	0.068972202	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920463	Recreational	21176	23347	0.008077826	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920493	Recreational	21176	23347	0.133594806	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920479	Recreational	21176	23347	0.287694862	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920483	Recreational	21176	23347	0.617021594	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920497	Recreational	21176	23347	0.018019765	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920361	Recreational	21151	23351	0.332433588	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920345	Recreational	21151	23351	0.81834586	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920333	Recreational	21151	23351	0.632555874	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920301	Recreational	21151	23351	0.759936968	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920305	Recreational	21151	23351	0.01553428	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920307	Recreational	21151	23351	0.006213712	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920319	Recreational	21151	23351	0.170877078	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920325	Recreational	21151	23351	0.016155651	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Mill Race	66920299	Recreational	21151	23351	0.05716615	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Miller Run	66920663	Recreational	21179	23352	0.069593574	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Miller Run	66920697	Recreational	21179	23352	0.253519446	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Miller Run	133258101	Recreational	21179	23352	0.446144516	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Miller Run	133258103	Recreational	21179	23352	0.444280402	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920397	Recreational	21158	23345	0.031689931	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920399	Recreational	21158	23345	0.300122286	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920459	Recreational	21158	23345	0.249169848	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920405	Recreational	21158	23345	0.052816551	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920415	Recreational	21158	23345	0.080156884	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920419	Recreational	21158	23345	0.448008629	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920437	Recreational	21158	23345	1.577661457	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920455	Recreational	21158	23345	0.046602839	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920481	Recreational	21158	23345	0.572282868	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920473	Recreational	21158	23345	0.320006164	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920477	Recreational	21158	23345	0.623235306	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Muddy Run	66920489	Recreational	21158	23345	0.700906705	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
North Branch Buffalo Creek	66921189	Recreational	21172	23342	1.025262467	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
North Branch Buffalo Creek	66921207	Recreational	21172	23342	0.436823948	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56400873	Recreational	17493	23234	0.644983297	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56400901	Recreational	17493	23234	0.084506482	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56400923	Recreational	17493	23234	0.039146385	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56401027	Recreational	17493	23234	0.131109322	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56401157	Recreational	17493	23234	0.342996898	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	56400965	Recreational	17493	23234	0.084506482	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Nyes Run	133783642	Recreational	17493	23234	0.478455818	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715660	Recreational	16919	23337	0.371579973	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715648	Recreational	16919	23337	0.21375169	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715674	Recreational	16919	23337	0.171498449	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715679	Recreational	16919	23337	0.103147618	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715683	Recreational	16919	23337	0.392706593	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Pine Run	123715908	Recreational	16919	23337	0.031689931	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715910	Recreational	16919	23337	0.055923407	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	123715911	Recreational	16919	23337	0.029204446	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	134395985	Recreational	16919	23337	0.1509932	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Pine Run	134395986	Recreational	16919	23337	0.21375169	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Quittapahilla Creek	56398623	Recreational	17012	23184	0.434959834	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Quittapahilla Creek	56398461	Recreational	17012	23184	0.16155651	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Quittapahilla Creek	56398567	Recreational	17012	23184	1.368880736	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642287	Recreational	16486	23321	1.104797979	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642471	Recreational	15218	23325	0.659274835	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642169	Recreational	15218	23325	2.555699713	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642255	Recreational	15218	23325	0.003728227	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642467	Recreational	15218	23325	0.003728227	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642273	Recreational	15218	23325	0.325598505	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642275	Recreational	15218	23325	0.003728227	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642299	Recreational	15218	23325	0.134216178	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642267	Recreational	15218	23325	0.278374294	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642413	Recreational	15218	23325	0.00497097	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642415	Recreational	15218	23325	0.032932673	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642465	Recreational	15218	23325	0.20318838	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642305	Recreational	15218	23325	0.153478684	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	133507316	Recreational	15218	23325	0.195731926	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642485	Recreational	15218	23325	0.118681898	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642473	Recreational	15218	23325	0.003728227	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642479	Recreational	15218	23325	0.10936133	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642481	Recreational	15218	23325	0.323734391	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642493	Recreational	15218	23325	0.002485485	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642487	Recreational	15218	23325	0.145400859	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642489	Recreational	15218	23325	0.003106856	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642491	Recreational	15218	23325	0.016155651	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642495	Recreational	15218	23325	0.111846815	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642505	Recreational	15218	23325	0.167770222	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	133507314	Recreational	15218	23325	0.426260638	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Creek	65642047	Recreational	16485	23325	0.9382705	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715620	Recreational	16919	23337	0.337404557	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715645	Recreational	16919	23337	0.066486718	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715646	Recreational	16919	23337	0.096933906	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715629	Recreational	16919	23337	0.770500278	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715651	Recreational	16919	23337	0.088856081	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715652	Recreational	16919	23337	0.132352064	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715653	Recreational	16919	23337	0.075185914	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715663	Recreational	16919	23337	0.021747992	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715664	Recreational	16919	23337	0.076428657	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715665	Recreational	16919	23337	0.079535513	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715668	Recreational	16919	23337	0.036039529	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715669	Recreational	16919	23337	0.910308796	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715649	Recreational	16919	23337	0.30757874	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715705	Recreational	16919	23337	0.206295236	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715849	Recreational	16919	23337	0.11992464	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715862	Recreational	16919	23337	0.226800485	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715687	Recreational	16919	23337	0.418182812	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715692	Recreational	16919	23337	0.028583075	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715695	Recreational	16919	23337	0.124274238	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715697	Recreational	16919	23337	0.482805416	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715848	Recreational	16919	23337	0.434338463	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Roaring Run	123715863	Recreational	16919	23337	0.006835083	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715864	Recreational	16919	23337	0.053437923	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715865	Recreational	16919	23337	0.004349598	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	123715977	Recreational	16919	23337	0.008699197	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	134395989	Recreational	16919	23337	0.065865346	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	134395996	Recreational	16919	23337	0.013048795	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Roaring Run	134395995	Recreational	16919	23337	0.022990734	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Shady Brook Run	25966702	Aquatic Life	10181	23010	0.012427424	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Shady Brook Run	25966826	Aquatic Life	10181	23010	0.024854848	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Shady Brook Run	25966216	Aquatic Life	10181	23010	0.449872743	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Shady Brook Run	25966248	Aquatic Life	10181	23010	0.254762189	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Shady Brook Run	25966186	Aquatic Life	10181	23010	0.660517577	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Shady Brook Run	25966184	Aquatic Life	10181	23010	0.040389128	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Skippack Creek	25999024	Aquatic Life	10175	22978	0.404512646	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25999008	Aquatic Life	10175	22978	0.330569474	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25999032	Aquatic Life	10175	22978	0.345482383	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998998	Aquatic Life	10175	22978	0.356045693	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966640	Aquatic Life	10175	22979	0.738188976	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966636	Aquatic Life	10175	22979	0.202567009	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998948	Aquatic Life	10175	22979	0.277131552	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998966	Aquatic Life	10175	22979	0.088856081	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998970	Aquatic Life	10175	22979	0.093205679	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998974	Aquatic Life	10175	22979	0.070836316	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998984	Aquatic Life	10175	22979	0.339890042	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966382	Aquatic Life	10175	22979	0.284588006	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT

Skippack Creek	25999552	Aquatic Life	10175	22979	0.037903643	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25978926	Aquatic Life	10175	22979	0.014291537	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966632	Aquatic Life	10175	22979	0.024233477	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998930	Aquatic Life	10175	22979	0.114332299	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998876	Aquatic Life	10175	22979	0.068350831	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998866	Aquatic Life	10175	22979	0.398920305	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25979350	Aquatic Life	10175	22979	0.067108089	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25978938	Aquatic Life	10175	22979	0.328083989	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998882	Aquatic Life	10175	22979	0.275888809	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998896	Aquatic Life	10175	22979	0.337404557	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25978962	Aquatic Life	10175	22979	0.895395888	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998924	Aquatic Life	10175	22979	0.045981468	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25998906	Aquatic Life	10175	22979	0.22928597	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25978942	Aquatic Life	10175	22979	0.116817784	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966694	Aquatic Life	10175	23000	0.190139585	Montgomery	ALTERATIONS; PH, HIGH; SILTATION; THERMAL MODIFICATIONS EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT

Skippack Creek	25966682	Aquatic Life	10175	23000	0.597759087	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966678	Aquatic Life	10175	23000	0.210644834	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966674	Aquatic Life	10175	23000	0.071457687	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966666	Aquatic Life	10175	23000	0.17211982	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966644	Aquatic Life	10175	23000	0.389599737	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966680	Aquatic Life	10175	23000	0.011184682	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966676	Aquatic Life	10175	23000	0.008077826	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966238	Aquatic Life	10175	23000	0.16155651	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966662	Aquatic Life	10175	23000	0.123031496	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966652	Aquatic Life	10175	23000	0.275267438	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966648	Aquatic Life	10175	23000	0.02609759	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966670	Aquatic Life	10175	23000	0.306957369	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966656	Aquatic Life	10175	23000	0.486533643	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966696	Aquatic Life	10175	23000	0.580360693	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25966718	Aquatic Life	10172	23005	0.203809751	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966606	Aquatic Life	10172	23005	0.032932673	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966700	Aquatic Life	10172	23005	0.540592937	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966720	Aquatic Life	10172	23005	0.16155651	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966712	Aquatic Life	10172	23005	0.896017259	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966716	Aquatic Life	10172	23005	0.068972202	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT

Skippack Creek	25966704	Aquatic Life	10172	23005	0.29701543	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966708	Aquatic Life	10172	23005	0.628827646	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966722	Aquatic Life	10172	23005	0.220586773	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966726	Aquatic Life	10172	23005	0.129245208	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966740	Aquatic Life	10172	23005	0.063379862	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966744	Aquatic Life	10172	23005	0.217479917	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966126	Aquatic Life	10172	23005	0.186411358	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966730	Aquatic Life	10172	23005	0.274024696	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966738	Aquatic Life	10172	23005	0.123031496	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966732	Aquatic Life	10172	23005	0.018641136	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966734	Aquatic Life	10172	23005	0.49523284	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966736	Aquatic Life	10172	23005	0.132973435	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25966728	Aquatic Life	10172	23005	0.008699197	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION; THERMAL MODIFICATIONS	NUTRIENTS	REFINEMENT
Skippack Creek	25999042	Aquatic Life	10175	23391	0.289558976	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Skippack Creek	25999044	Aquatic Life	10175	23391	1.319171041	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Spruce Run	66920413	Recreational	21178	23345	0.169012964	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920447	Recreational	21178	23345	0.139808518	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920385	Recreational	21159	23346	0.455465084	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920329	Recreational	15330	23347	0.044117355	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920323	Recreational	15330	23347	0.046602839	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920425	Recreational	15330	23347	0.676051857	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920371	Recreational	15330	23347	0.16155651	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920379	Recreational	15330	23347	0.041010499	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920451	Recreational	15330	23347	0.009941939	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920627	Recreational	15330	23347	0.904716456	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920635	Recreational	15330	23347	0.012427424	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920453	Recreational	15330	23347	0.034796787	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920321	Recreational	21176	23347	0.072079058	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920289	Recreational	21176	23347	0.052816551	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920503	Recreational	21176	23347	0.034175416	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920203	Recreational	21176	23347	0.393949336	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920207	Recreational	21176	23347	0.638769585	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Spruce Run	66920279	Recreational	21176	23347	0.658653464	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920501	Recreational	21176	23347	0.050331067	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920509	Recreational	21176	23347	0.327462618	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920511	Recreational	21176	23347	0.007456454	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920513	Recreational	21176	23347	0.047224211	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920469	Recreational	21176	23347	0.518844945	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920461	Recreational	21176	23347	0.09382705	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920491	Recreational	21176	23347	0.112468186	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920495	Recreational	21176	23347	0.21872266	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920243	Recreational	21151	23348	0.511388491	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Spruce Run	66920363	Recreational	21151	23351	1.119089517	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Stony Run	57461565	Aquatic Life	8572	22888	3.248528592	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Stony Run	57461569	Aquatic Life	8572	22888	0.098176648	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Stony Run	57461587	Aquatic Life	8572	22888	0.243577507	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Stony Run	57461653	Aquatic Life	8572	22888	0.546185278	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Stony Run	57461655	Aquatic Life	8572	22888	0.008077826	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Stony Run	66920719	Recreational	21163	23344	1.293073451	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Stony Run	66920717	Recreational	21163	23344	0.02609759	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Susquehanna River	65631861	Aquatic Life	311	23474	0.173983934	Luzerne	ALUMINUM; IRON	FLOW REGIME MODIFICATION; METALS; PH; SILTATION	REFINEMENT
Susquehanna River	65635141	Aquatic Life	7474	23474	0.016155651	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636131	Aquatic Life	7474	23474	0.096312535	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636527	Aquatic Life	7474	23474	0.211887577	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636963	Aquatic Life	7474	23474	0.598380458	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637111	Aquatic Life	7474	23474	0.410726358	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65635139	Aquatic Life	7474	23474	0.005592341	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638767	Aquatic Life	7474	23474	1.480106179	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636105	Aquatic Life	7474	23474	5.185963968	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636441	Aquatic Life	7474	23474	0.111225443	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65635153	Aquatic Life	7474	23474	0.099419391	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636267	Aquatic Life	7474	23474	0.454222341	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636973	Aquatic Life	7474	23474	0.356045693	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637469	Aquatic Life	7474	23474	0.733839378	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636883	Aquatic Life	7474	23474	0.27651018	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65639167	Aquatic Life	7474	23474	2.345054879	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636383	Aquatic Life	7474	23474	0.34423964	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636971	Aquatic Life	7474	23474	0.028583075	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638423	Aquatic Life	7474	23474	0.072079058	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638239	Aquatic Life	7474	23474	0.607701026	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637915	Aquatic Life	7474	23474	0.843200708	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637235	Aquatic Life	7474	23474	0.27651018	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637301	Aquatic Life	7474	23474	0.420046926	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638859	Aquatic Life	7474	23474	0.257869045	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637149	Aquatic Life	7474	23474	0.063379862	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636683	Aquatic Life	7474	23474	0.026718961	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636793	Aquatic Life	7474	23474	0.188896842	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65635131	Aquatic Life	7474	23474	0.000621371	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638919	Aquatic Life	7474	23474	0.122410125	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634931	Aquatic Life	7474	23474	1.065651594	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638003	Aquatic Life	7474	23474	0.287694862	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638017	Aquatic Life	7474	23474	0.020505249	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65633427	Aquatic Life	7474	23474	1.665274795	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT

Susquehanna River	65638409	Aquatic Life	7474	23474	0.498339696	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638811	Aquatic Life	7474	23474	0.876754752	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638817	Aquatic Life	7474	23474	0.023612105	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634131	Aquatic Life	7474	23474	0.500825181	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634329	Aquatic Life	7474	23474	0.474727591	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65636665	Aquatic Life	7474	23474	0.370958602	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637581	Aquatic Life	7474	23474	0.832637397	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65637583	Aquatic Life	7474	23474	0.42750338	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638899	Aquatic Life	7474	23474	0.077050028	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65632713	Aquatic Life	7474	23474	4.866579176	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65632935	Aquatic Life	7474	23474	1.277539171	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638875	Aquatic Life	7474	23474	0.456086455	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65633753	Aquatic Life	7474	23474	2.579933189	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65633895	Aquatic Life	7474	23474	1.041418118	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634033	Aquatic Life	7474	23474	0.877997494	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65635129	Aquatic Life	7474	23474	1.684537302	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634723	Aquatic Life	7474	23474	1.286859739	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634853	Aquatic Life	7474	23474	0.551777619	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634857	Aquatic Life	7474	23474	1.455872703	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65638897	Aquatic Life	7474	23474	0.155342798	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634417	Aquatic Life	7474	23474	0.352938837	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	65634771	Aquatic Life	7474	23474	0.246062992	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Susquehanna River	57465419	Aquatic Life	12850	23478	0.563583671	Lancaster	PH, HIGH	METALS; PH	REFINEMENT
Susquehanna River	57465475	Aquatic Life	12850	23478	0.493990098	Lancaster	PH, HIGH	METALS; PH	REFINEMENT
Susquehanna River	57465333	Aquatic Life	12850	23478	0.663624433	Lancaster	PH, HIGH	METALS; PH	REFINEMENT
Susquehanna River	57465159	Aquatic Life	12850	23478	0.252276704	York	PH, HIGH	METALS; PH	REFINEMENT
Susquehanna River	57465111	Aquatic Life	12850	23478	0.285209377	York	PH, HIGH	METALS; PH	REFINEMENT
Susquehanna River	56399889	Aquatic Life	21499	23478	0.986116082	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56405497	Aquatic Life	21499	23478	0.627584904	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56399881	Aquatic Life	21499	23478	1.742324822	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56400199	Aquatic Life	21499	23478	1.643526803	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56404165	Aquatic Life	21499	23478	0.992329794	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56399909	Aquatic Life	21499	23478	0.46416428	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56400197	Aquatic Life	21499	23478	1.335948063	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56399435	Aquatic Life	21499	23478	0.74564543	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56406309	Aquatic Life	21499	23478	0.306335998	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56406153	Aquatic Life	21499	23478	1.446552135	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56406859	Aquatic Life	21499	23478	0.723276068	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56399061	Aquatic Life	21499	23478	0.274024696	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56406839	Aquatic Life	21499	23478	1.724926429	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56404741	Aquatic Life	21499	23478	0.539971566	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	56404759	Aquatic Life	21499	23478	0.754344627	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783561	Aquatic Life	21499	23478	0.287073491	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783564	Aquatic Life	21499	23478	0.367230375	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783761	Aquatic Life	21499	23478	0.50020381	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783566	Aquatic Life	21499	23478	3.264684243	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783588	Aquatic Life	21499	23478	0.218101288	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783590	Aquatic Life	21499	23478	3.621351307	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783803	Aquatic Life	21499	23478	0.764286566	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783608	Aquatic Life	21499	23478	1.255169808	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783610	Aquatic Life	21499	23478	0.24482025	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783758	Aquatic Life	21499	23478	0.165906108	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783764	Aquatic Life	21499	23478	0.195731926	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783800	Aquatic Life	21499	23478	0.976174143	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783592	Aquatic Life	21499	23478	2.026912828	Dauphin	PH, HIGH	PH	REFINEMENT

Susquehanna River	133783797	Aquatic Life	21499	23478	0.213130319	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783767	Aquatic Life	21499	23478	1.264490376	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783602	Aquatic Life	21499	23478	0.284588006	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783794	Aquatic Life	21499	23478	0.937649129	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	133783791	Aquatic Life	21499	23478	0.730732522	Dauphin	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463689	Aquatic Life	21500	23478	0.214994432	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463701	Aquatic Life	21500	23478	0.110604072	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463661	Aquatic Life	21500	23478	0.167148851	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463791	Aquatic Life	21500	23478	0.603351427	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464809	Aquatic Life	21500	23478	0.913415652	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463787	Aquatic Life	21500	23478	0.235499682	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463863	Aquatic Life	21500	23478	0.291423089	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463865	Aquatic Life	21500	23478	0.454222341	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464817	Aquatic Life	21500	23478	0.237985167	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464821	Aquatic Life	21500	23478	0.280859779	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464823	Aquatic Life	21500	23478	0.14602223	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464863	Aquatic Life	21500	23478	0.582846178	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464839	Aquatic Life	21500	23478	0.695935735	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464741	Aquatic Life	21500	23478	0.32311302	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464515	Aquatic Life	21500	23478	0.610807882	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464623	Aquatic Life	21500	23478	0.877376123	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464987	Aquatic Life	21500	23478	0.485290901	York	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464855	Aquatic Life	21500	23478	0.904716456	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464857	Aquatic Life	21500	23478	0.462300167	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464871	Aquatic Life	21500	23478	1.160721387	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464729	Aquatic Life	21500	23478	0.093205679	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464295	Aquatic Life	21500	23478	1.075593533	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464755	Aquatic Life	21500	23478	0.692828879	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464775	Aquatic Life	21500	23478	0.108739959	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464801	Aquatic Life	21500	23478	0.204431122	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464803	Aquatic Life	21500	23478	0.318763422	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464627	Aquatic Life	21500	23478	0.577875209	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463907	Aquatic Life	21500	23478	0.372822715	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57463985	Aquatic Life	21500	23478	0.272160582	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464297	Aquatic Life	21500	23478	1.616807842	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464403	Aquatic Life	21500	23478	0.313171081	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464673	Aquatic Life	21500	23478	0.190760956	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464675	Aquatic Life	21500	23478	0.794112383	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464647	Aquatic Life	21500	23478	0.095069792	Lancaster	PH, HIGH	PH	REFINEMENT
Susquehanna River	57464713	Aquatic Life	21500	23478	0.183925873	Lancaster	PH, HIGH	PH	REFINEMENT
Swatara Creek	56396625	Recreational	17493	23182	0.032932673	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Swatara Creek	56396609	Recreational	17493	23182	0.011806053	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Tioga River	133069772	Aquatic Life	11050	22796	0.610807882	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352521	Aquatic Life	11050	22796	0.066486718	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352605	Aquatic Life	11050	22796	0.324355762	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351139	Aquatic Life	11050	22796	0.603972799	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351333	Aquatic Life	11050	22796	1.104176608	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	133069773	Aquatic Life	11050	22796	0.379657798	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352475	Aquatic Life	11050	22796	0.324355762	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352511	Aquatic Life	11050	22796	0.193246441	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351869	Aquatic Life	11050	22796	0.457329197	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351929	Aquatic Life	11050	22796	0.348589239	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352327	Aquatic Life	11050	22796	0.061515748	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351937	Aquatic Life	11050	22796	0.041010499	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352121	Aquatic Life	11050	22796	1.168799212	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT

Tioga River	57352131	Aquatic Life	11050	22796	0.090098823	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352187	Aquatic Life	11050	22796	0.302607771	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351547	Aquatic Life	11050	22796	0.882968464	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351601	Aquatic Life	11050	22796	0.449872743	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351407	Aquatic Life	11050	22796	0.374686829	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57351429	Aquatic Life	11050	22796	0.205052493	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352317	Aquatic Life	11050	22796	0.013670166	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352311	Aquatic Life	11050	22796	0.714576871	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352409	Aquatic Life	11050	22796	0.492747355	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352207	Aquatic Life	11050	22796	0.150371829	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352133	Aquatic Life	13283	22796	0.118681898	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS	REFINEMENT
Tioga River	57352525	Aquatic Life	13286	22796	0.132973435	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS	REFINEMENT
Tioga River	57352535	Aquatic Life	13286	22796	0.011184682	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS	REFINEMENT
Tioga River	57352533	Aquatic Life	13286	22796	0.014291537	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS	REFINEMENT
Tioga River	57352495	Aquatic Life	13286	22796	0.158449654	Tioga	ALUMINUM; MANGANESE; PH, LOW	METALS	REFINEMENT
Tioga River	57353289	Aquatic Life	11050	22797	0.134216178	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352989	Aquatic Life	11050	22797	1.393735584	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353249	Aquatic Life	11050	22797	0.579117951	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353263	Aquatic Life	11050	22797	0.429988865	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353079	Aquatic Life	11050	22797	0.326841247	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353295	Aquatic Life	11050	22797	0.063379862	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353303	Aquatic Life	11050	22797	0.202567009	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57352745	Aquatic Life	11050	22797	0.725140181	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353035	Aquatic Life	11050	22797	0.196974668	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353211	Aquatic Life	11050	22797	0.390221109	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353107	Aquatic Life	11050	22797	0.234256939	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Tioga River	57353169	Aquatic Life	11050	22797	0.894774517	Tioga	ALUMINUM; IRON; MANGANESE; PH, LOW	METALS; PH	REFINEMENT
Towamencin Creek	25979004	Aquatic Life	10291	22986	0.448630001	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25978996	Aquatic Life	10291	22986	0.101904876	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979360	Aquatic Life	10291	22986	0.070214945	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979002	Aquatic Life	10291	22986	1.109768949	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979012	Aquatic Life	10291	22986	1.132759683	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979008	Aquatic Life	10291	22986	0.956911636	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979364	Aquatic Life	10291	22986	0.172741191	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT

Towamencin Creek	25979000	Aquatic Life	10291	22993	0.730111151	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979006	Aquatic Life	10291	22993	0.154721427	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979370	Aquatic Life	10291	22993	0.034796787	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25966642	Aquatic Life	10291	22993	0.009941939	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25966352	Aquatic Life	10291	22993	0.556127217	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Towamencin Creek	25979366	Aquatic Life	10291	22993	0.10936133	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Unnamed Tributary to Beaver Run	66920869	Recreational	21167	23353	0.020505249	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66920865	Recreational	21167	23353	0.107497216	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66921057	Recreational	21167	23353	0.013048795	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66921107	Recreational	21167	23353	0.589681261	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	133258114	Recreational	21167	23353	0.350453352	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66920843	Recreational	21167	23353	0.565447785	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66920847	Recreational	21167	23353	0.044117355	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66920863	Recreational	21167	23353	0.049088324	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66921103	Recreational	21167	23353	0.045981468	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66921063	Recreational	21167	23353	0.791005527	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66921089	Recreational	21167	23353	0.228664599	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaver Run	66920789	Recreational	21167	23353	0.757451483	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaverdam Run	123715589	Recreational	16876	23333	1.102312495	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaverdam Run	123715949	Recreational	16876	23333	0.029204446	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaverdam Run	123715806	Recreational	16876	23333	0.535621968	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaverdam Run	123715953	Recreational	16876	23333	0.027340332	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Beaverdam Run	123715583	Recreational	16876	23333	0.237985167	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Black Run	66920095	Recreational	21159	23346	0.727004295	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Black Run	66920131	Recreational	21159	23346	0.370958602	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Black Run	66920133	Recreational	21159	23346	0.44303766	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Black Run	66920089	Recreational	21159	23346	0.610186511	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Black Run	66920163	Recreational	21159	23346	0.228043228	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398013	Recreational	18307	23188	0.036039529	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398497	Recreational	18307	23188	0.444280402	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398045	Recreational	18307	23188	0.210023463	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Bow Creek	56398379	Recreational	18307	23188	0.627584904	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398213	Recreational	18307	23188	0.551156247	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398047	Recreational	18307	23188	0.417561441	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398109	Recreational	18307	23188	0.035418158	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398339	Recreational	18307	23188	0.192003698	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398255	Recreational	18307	23188	0.388978366	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398257	Recreational	18307	23188	0.441794918	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398671	Recreational	18307	23188	0.343618269	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398541	Recreational	18307	23188	0.029825817	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398753	Recreational	18307	23188	0.01553428	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Bow Creek	56398751	Recreational	18307	23188	0.398298934	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100470523	Recreational	20517	23408	0.974310029	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100468717	Recreational	20517	23408	0.521951801	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100468861	Recreational	20517	23408	0.219965402	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100468921	Recreational	20517	23408	1.034583035	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469033	Recreational	20517	23408	0.423775153	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469081	Recreational	20517	23408	1.052602799	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469083	Recreational	20517	23408	0.57352561	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469099	Recreational	20517	23408	0.065243975	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469101	Recreational	20517	23408	0.058408892	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469103	Recreational	20517	23408	0.026718961	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100470471	Recreational	20517	23408	0.239227909	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469461	Recreational	20517	23408	0.764286566	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469593	Recreational	20517	23408	0.487776386	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100470185	Recreational	20517	23408	0.516980832	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100469185	Recreational	20517	23408	0.279617036	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Caldwell Creek	100470369	Recreational	20517	23408	0.623856677	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Chester Creek	25621218	Aquatic Life	19408	22810	0.111846815	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621214	Aquatic Life	19408	22810	0.249791219	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT

Unnamed Tributary to Chester Creek	25621216	Aquatic Life	19408	22810	0.08326374	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621212	Aquatic Life	19408	22810	0.215615804	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621256	Aquatic Life	19408	22810	0.170877078	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621258	Aquatic Life	19408	22810	0.942620098	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621298	Aquatic Life	19406	22812	0.018641136	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621296	Aquatic Life	19406	22812	0.016777022	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621548	Aquatic Life	19406	22812	0.02609759	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621276	Aquatic Life	19406	22812	0.668595403	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621288	Aquatic Life	19406	22812	0.392706593	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621300	Aquatic Life	19406	22812	0.658032092	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621310	Aquatic Life	19406	22812	0.891046289	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621322	Aquatic Life	19406	22812	0.375929571	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621264	Aquatic Life	19408	22812	0.070214945	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; ORGANIC ENRICHMENT; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT

Unnamed Tributary to Chester Creek	25621546	Aquatic Life	17136	22815	0.074564543	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621316	Aquatic Life	17136	22815	0.400163048	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621318	Aquatic Life	17136	22815	1.209809711	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621550	Aquatic Life	17136	22815	0.023612105	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621304	Aquatic Life	17136	22815	0.235499682	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621294	Aquatic Life	17136	22815	0.078914141	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621320	Aquatic Life	17136	22815	0.116196413	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Chester Creek	25621292	Aquatic Life	17136	22815	0.050952438	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; SILTATION	REFINEMENT
Unnamed Tributary to Coal Run	66921277	Recreational	21172	23342	0.142915374	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921211	Recreational	21172	23342	0.892289032	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921263	Recreational	21172	23342	0.032311302	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921269	Recreational	21172	23342	1.035204406	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921275	Recreational	21172	23342	0.034175416	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921313	Recreational	21172	23342	0.572282868	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921287	Recreational	21172	23342	0.059651634	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Coal Run	66921273	Recreational	21172	23342	0.507038893	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Codorus Creek	57464931	Aquatic Life	21500	23478	0.241092023	York	PH, HIGH	PH	REFINEMENT
Unnamed Tributary to Dunderdale Creek	100469859	Recreational	20517	23408	0.480941303	Warren	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to East Branch Chester Creek	25621312	Aquatic Life	17133	22814	1.070001193	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to East Branch Chester Creek	25621542	Aquatic Life	17133	22814	0.03106856	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to East Branch Chester Creek	25621290	Aquatic Life	17133	22814	0.221208144	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to East Branch Chester Creek	25621272	Aquatic Life	17133	22814	0.272160582	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT

Unnamed Tributary to East Branch Chester Creek	25621544	Aquatic Life	17133	22814	0.02609759	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to East Branch Chester Creek	25621274	Aquatic Life	17133	22814	0.074564543	Chester	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
Unnamed Tributary to Ferguson Run	69919815	Aquatic Life	6888	22946	0.686615167	Fayette	ALUMINUM; MANGANESE; PH, LOW	PH	REFINEMENT
Unnamed Tributary to Flat Run	123715809	Recreational	16919	23337	0.100662133	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Flat Run	123715810	Recreational	16919	23337	0.165906108	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Flat Run	123715812	Recreational	16919	23337	0.271539211	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Flat Run	123715813	Recreational	16919	23337	0.083885111	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Flat Run	123715901	Recreational	16919	23337	0.038525014	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Flat Run	123715902	Recreational	16919	23337	0.060894377	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Gum Run	123715816	Recreational	16919	23337	0.316277937	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Gum Run	123715817	Recreational	16919	23337	0.065243975	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Gum Run	123715820	Recreational	16919	23337	0.103768989	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Gum Run	123715821	Recreational	16919	23337	0.159692396	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Gum Run	123715896	Recreational	16919	23337	0.016155651	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Hazle Creek	26284821	Aquatic Life	2873	23372	0.095069792	Luzerne	IRON; PH, LOW	METALS; PH	REFINEMENT
Unnamed Tributary to Hazle Creek	26284823	Aquatic Life	2873	23372	0.234256939	Luzerne	IRON; PH, LOW	METALS; PH	REFINEMENT
Unnamed Tributary to Hazle Creek	26284835	Aquatic Life	2873	23372	0.033554044	Luzerne	IRON; PH, LOW	METALS; PH	REFINEMENT
Unnamed Tributary to Hazle Creek	26284857	Aquatic Life	2873	23372	0.049709695	Luzerne	IRON; PH, LOW	METALS; PH	REFINEMENT
Unnamed Tributary to Lick Run	65642859	Recreational	17028	23323	0.049709695	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Lick Run	65642865	Recreational	17028	23323	0.021126621	Columbia	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920531	Recreational	21179	23352	0.020505249	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920547	Recreational	21179	23352	1.422318659	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920741	Recreational	21179	23352	0.888560805	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920725	Recreational	21179	23352	0.013664367	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920727	Recreational	21179	23352	0.013584968	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920901	Recreational	21179	23352	1.884618825	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920745	Recreational	21179	23352	0.016155651	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	66920883	Recreational	21179	23352	1.211673824	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Limestone Run	133258098	Recreational	21179	23352	0.588650195	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Little Buffalo Creek	66919939	Recreational	21152	23348	0.504553408	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919995	Recreational	21152	23348	0.452358228	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920007	Recreational	21152	23348	0.56793327	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920019	Recreational	21152	23348	0.477213076	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920021	Recreational	21152	23348	0.78168496	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920023	Recreational	21152	23348	0.042253241	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920053	Recreational	21152	23348	0.697178477	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66920057	Recreational	21152	23348	1.25641255	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919871	Recreational	21152	23348	0.819588602	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919873	Recreational	21152	23349	0.636284101	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919523	Recreational	21153	23349	0.414454585	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919153	Recreational	21153	23349	0.687236538	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919187	Recreational	21153	23349	0.345482383	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919151	Recreational	21153	23349	0.340511413	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919319	Recreational	21153	23349	0.497718325	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919321	Recreational	21153	23349	0.769878907	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919391	Recreational	21153	23349	0.009941939	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919189	Recreational	21153	23349	0.170255707	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919443	Recreational	21153	23349	0.425639267	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919445	Recreational	21153	23349	0.633798616	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919471	Recreational	21153	23349	0.018019765	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919441	Recreational	21153	23349	0.353560208	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919477	Recreational	21153	23349	0.131730693	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919525	Recreational	21153	23349	0.310064225	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919547	Recreational	21153	23349	0.12489561	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919561	Recreational	21153	23349	0.028583075	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919595	Recreational	21153	23349	0.352317466	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919597	Recreational	21153	23349	0.437445319	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919695	Recreational	21153	23349	0.40140579	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919697	Recreational	21153	23349	0.797219239	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919719	Recreational	21153	23349	0.618885707	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Little Buffalo Creek	66919733	Recreational	21153	23349	0.354181579	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919737	Recreational	21153	23349	0.648711524	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919475	Recreational	21153	23349	0.029204446	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919739	Recreational	21153	23349	0.095069792	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919825	Recreational	21154	23350	0.472242106	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919917	Recreational	21154	23350	0.398298934	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919949	Recreational	21154	23350	0.34921061	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919827	Recreational	21154	23350	0.428746123	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919839	Recreational	21154	23350	0.376550942	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919843	Recreational	21154	23350	0.160935139	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919855	Recreational	21154	23350	0.095691164	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919857	Recreational	21154	23350	0.454222341	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919859	Recreational	21154	23350	0.551156247	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919861	Recreational	21154	23350	0.167770222	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919899	Recreational	21154	23350	0.553020361	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919685	Recreational	21154	23350	1.119089517	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919951	Recreational	21154	23350	0.013048795	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919901	Recreational	21154	23350	0.372201344	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919915	Recreational	21154	23350	0.365366261	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919651	Recreational	21154	23350	0.365366261	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919463	Recreational	21155	23350	0.366609003	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919467	Recreational	21155	23350	1.078700389	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919531	Recreational	21155	23350	0.019883878	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919537	Recreational	21155	23350	0.50579615	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919539	Recreational	21155	23350	0.082642369	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919541	Recreational	21155	23350	0.596516344	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919489	Recreational	21155	23350	0.103768989	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Little Buffalo Creek	66919491	Recreational	21155	23350	0.549913505	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921213	Recreational	21168	23341	0.036039529	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921331	Recreational	21168	23341	0.006835083	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921335	Recreational	21168	23341	0.298258172	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Mill Race	66921215	Recreational	21168	23341	0.184547244	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921221	Recreational	21168	23341	0.590302632	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921225	Recreational	21168	23341	0.159692396	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921231	Recreational	21168	23341	0.167770222	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921255	Recreational	21168	23341	0.180197646	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921257	Recreational	21168	23341	0.617021594	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921259	Recreational	21168	23341	0.649954267	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921285	Recreational	21168	23341	0.579117951	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921291	Recreational	21168	23341	0.363502147	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921293	Recreational	21168	23341	0.326219876	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921295	Recreational	21168	23341	0.046602839	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921399	Recreational	21168	23341	0.676051857	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921403	Recreational	21168	23341	0.116196413	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921337	Recreational	21168	23341	0.035418158	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921339	Recreational	21168	23341	0.011806053	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921343	Recreational	21168	23341	0.559234073	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921347	Recreational	21168	23341	0.303850513	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921371	Recreational	21168	23341	0.022990734	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921379	Recreational	21168	23341	0.23984928	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921381	Recreational	21168	23341	0.008077826	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921391	Recreational	21168	23341	0.659274835	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921393	Recreational	21168	23341	0.1876541	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921395	Recreational	21168	23341	0.063379862	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921475	Recreational	21168	23341	0.707741788	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921415	Recreational	21168	23341	0.607701026	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921435	Recreational	21168	23341	0.455465084	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921439	Recreational	21168	23341	0.296394059	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921441	Recreational	21168	23341	0.013048795	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921449	Recreational	21168	23341	0.147264973	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921451	Recreational	21168	23341	0.134216178	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921455	Recreational	21168	23341	0.044117355	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Mill Race	66921183	Recreational	21168	23341	0.008699197	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921195	Recreational	21168	23341	0.681022826	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921407	Recreational	21168	23341	0.261597272	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921411	Recreational	21168	23341	0.475348962	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921209	Recreational	21168	23341	0.082642369	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921499	Recreational	21169	23341	2.318957289	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921495	Recreational	21169	23341	0.656167979	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921477	Recreational	21169	23341	0.059651634	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921479	Recreational	21169	23341	0.060894377	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921481	Recreational	21169	23341	0.643119184	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921487	Recreational	21169	23341	0.463542909	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921469	Recreational	21169	23341	0.013048795	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921205	Recreational	21168	23342	0.012427424	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921199	Recreational	21168	23342	0.162177881	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921015	Recreational	15330	23343	0.005592341	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920783	Recreational	15330	23343	0.559855444	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920823	Recreational	21166	23343	0.669216774	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920825	Recreational	21166	23343	0.009320568	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920821	Recreational	21166	23343	0.025476219	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920931	Recreational	21166	23343	0.157206912	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920933	Recreational	21166	23343	0.246684363	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920831	Recreational	21166	23343	0.081399626	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920833	Recreational	21166	23343	0.716440984	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920853	Recreational	21166	23343	0.242334765	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920855	Recreational	21166	23343	0.009320568	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920861	Recreational	21166	23343	0.408240873	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920867	Recreational	21166	23343	0.088856081	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920871	Recreational	21166	23343	0.009320568	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920885	Recreational	21166	23343	0.572904239	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920889	Recreational	21166	23343	0.162177881	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920897	Recreational	21166	23343	0.029204446	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Mill Race	66920915	Recreational	21166	23343	0.35977392	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920953	Recreational	21166	23343	0.466028394	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920957	Recreational	21166	23343	0.451736857	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920975	Recreational	21166	23343	0.032311302	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920977	Recreational	21166	23343	0.308200111	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920979	Recreational	21166	23343	0.012427424	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921011	Recreational	21166	23343	0.763665195	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921013	Recreational	21166	23343	0.405134017	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921017	Recreational	21166	23343	0.022369363	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921019	Recreational	21166	23343	0.004349598	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921021	Recreational	21166	23343	1.300529905	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921071	Recreational	21166	23343	0.362880776	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920809	Recreational	21166	23343	0.01553428	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920811	Recreational	21166	23343	0.225557743	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920813	Recreational	21166	23343	0.01056331	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920815	Recreational	21166	23343	0.044117355	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921101	Recreational	21166	23343	0.455465084	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921179	Recreational	21166	23343	0.771121649	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66921073	Recreational	21166	23343	0.01056331	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920637	Recreational	21163	23344	0.656167979	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920657	Recreational	21163	23344	0.01056331	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920661	Recreational	21163	23344	0.816481746	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920647	Recreational	21163	23344	1.341540404	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920653	Recreational	21163	23344	0.167770222	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920389	Recreational	15330	23347	0.062137119	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920431	Recreational	15330	23347	0.093205679	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920507	Recreational	15330	23347	0.192003698	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920527	Recreational	15330	23347	0.22928597	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920533	Recreational	15330	23347	0.035418158	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920541	Recreational	15330	23347	0.0366609	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920449	Recreational	15330	23347	0.113710928	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Mill Race	66920563	Recreational	15330	23347	0.091962936	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920625	Recreational	15330	23347	0.34423964	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920633	Recreational	15330	23347	0.030447188	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920659	Recreational	15330	23347	0.359152549	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920715	Recreational	15330	23347	0.66735266	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920129	Recreational	21176	23347	0.02609759	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920137	Recreational	21176	23347	0.0366609	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920147	Recreational	21176	23347	0.717062356	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920183	Recreational	21176	23347	0.013670166	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920187	Recreational	21176	23347	0.406998131	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920193	Recreational	21176	23347	0.016627025	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920285	Recreational	21176	23347	0.733839378	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920569	Recreational	21176	23347	0.45360097	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920573	Recreational	21176	23347	0.029204446	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920499	Recreational	21176	23347	0.00497097	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920347	Recreational	21151	23348	0.940755985	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920155	Recreational	21151	23351	0.10936133	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920255	Recreational	21151	23351	0.593409488	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920139	Recreational	21151	23351	0.382143283	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920269	Recreational	21151	23351	0.070214945	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920287	Recreational	21151	23351	0.111225443	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920297	Recreational	21151	23351	0.01056331	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920293	Recreational	21151	23351	0.01553428	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Mill Race	66920295	Recreational	21151	23351	1.506825141	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Miller Run	133258105	Recreational	21179	23352	0.06275849	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Miller Run	133258107	Recreational	21179	23352	0.524437286	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920353	Recreational	21158	23345	0.690964766	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920395	Recreational	21158	23345	0.231771455	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920471	Recreational	21158	23345	0.462300167	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920401	Recreational	21158	23345	0.457950569	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920403	Recreational	21158	23345	0.697799849	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Muddy Run	66920421	Recreational	21158	23345	0.465407023	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920351	Recreational	21158	23345	0.374686829	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920475	Recreational	21158	23345	0.351696095	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920523	Recreational	21158	23345	0.560476815	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Muddy Run	66920313	Recreational	21158	23345	0.439309433	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401029	Recreational	17493	23234	0.004349598	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401035	Recreational	17493	23234	0.016155651	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401177	Recreational	17493	23234	0.259111787	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401203	Recreational	17493	23234	0.561098186	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401045	Recreational	17493	23234	0.027961704	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Nyes Run	56401217	Recreational	17493	23234	0.736324863	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715661	Recreational	16919	23337	0.070214945	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715675	Recreational	16919	23337	0.017398393	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715682	Recreational	16919	23337	0.005592341	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715693	Recreational	16919	23337	0.22928597	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715906	Recreational	16919	23337	0.038525014	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715907	Recreational	16919	23337	0.028583075	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715909	Recreational	16919	23337	0.011806053	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715912	Recreational	16919	23337	0.05219518	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	134395984	Recreational	16919	23337	0.031689931	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	123715913	Recreational	16919	23337	0.018641136	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Pine Run	134395987	Recreational	16919	23337	0.050952438	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398891	Recreational	17012	23184	0.426260638	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398617	Recreational	17012	23184	0.425639267	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398777	Recreational	17012	23184	0.361016663	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398813	Recreational	17012	23184	0.091962936	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398643	Recreational	17012	23184	0.052816551	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398393	Recreational	17012	23184	0.421911039	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398395	Recreational	17012	23184	0.006213712	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Quittapahilla Creek	56398465	Recreational	17012	23184	0.005592341	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397165	Recreational	12836	23186	0.016777022	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Raccoon Creek	56397167	Recreational	12836	23186	0.124274238	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397169	Recreational	12836	23186	0.021747992	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397199	Recreational	12836	23186	0.397677563	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397225	Recreational	12836	23186	0.544942535	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397279	Recreational	12836	23186	0.313792452	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397319	Recreational	12836	23186	0.101283504	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397321	Recreational	12836	23186	0.085749225	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397331	Recreational	12836	23186	0.022369363	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397335	Recreational	12836	23186	0.04163187	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397337	Recreational	12836	23186	0.027961704	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397163	Recreational	12836	23186	0.114953671	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397365	Recreational	12836	23186	0.134216178	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397383	Recreational	12836	23186	0.475348962	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397389	Recreational	12836	23186	0.441173546	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397411	Recreational	12836	23186	0.301986399	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397413	Recreational	12836	23186	0.251655333	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397345	Recreational	12836	23186	0.038525014	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397363	Recreational	12836	23186	0.350453352	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397197	Recreational	18309	23186	0.132973435	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397195	Recreational	18309	23186	0.030447188	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397277	Recreational	18309	23186	0.157206912	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397283	Recreational	18309	23186	0.448630001	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397293	Recreational	18309	23186	0.042874612	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397317	Recreational	18309	23186	0.078914141	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397455	Recreational	18309	23186	0.201324266	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397457	Recreational	18309	23186	0.444901774	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397155	Recreational	18309	23186	0.893531774	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397509	Recreational	18309	23186	0.090720194	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397139	Recreational	18309	23186	0.702149447	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397205	Recreational	18309	23186	0.034796787	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397231	Recreational	18309	23186	0.084506482	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Raccoon Creek	56397131	Recreational	18309	23186	0.435581206	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397153	Recreational	18309	23186	0.046602839	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56396907	Recreational	18309	23186	0.018641136	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56396931	Recreational	18309	23186	0.019883878	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397491	Recreational	18309	23186	0.468513879	Dauphin	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397469	Recreational	18309	23186	0.045360097	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397479	Recreational	18309	23186	0.042874612	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397149	Recreational	18309	23186	0.01056331	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Raccoon Creek	56397147	Recreational	18309	23186	0.045981468	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920675	Recreational	21175	23343	0.019883878	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920681	Recreational	21175	23343	0.272160582	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920687	Recreational	21175	23343	0.016155651	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920669	Recreational	21175	23343	0.33367633	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920819	Recreational	21175	23343	0.483426787	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920723	Recreational	21175	23343	0.367851746	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920753	Recreational	21175	23343	0.014291537	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920721	Recreational	21175	23343	0.200081524	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920759	Recreational	21175	23343	0.032932673	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920763	Recreational	21175	23343	0.773607134	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920767	Recreational	21175	23343	0.64622604	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920771	Recreational	21175	23343	0.485912272	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Rapid Run	66920799	Recreational	21175	23343	0.448630001	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715707	Recreational	16919	23337	0.421911039	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715647	Recreational	16919	23337	0.009320568	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715650	Recreational	16919	23337	0.006213712	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715709	Recreational	16919	23337	0.034175416	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715710	Recreational	16919	23337	0.274024696	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715711	Recreational	16919	23337	0.342996898	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715814	Recreational	16919	23337	0.042874612	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715815	Recreational	16919	23337	0.207537978	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715822	Recreational	16919	23337	0.384628768	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Roaring Run	123715823	Recreational	16919	23337	0.059651634	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715824	Recreational	16919	23337	0.421911039	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715825	Recreational	16919	23337	0.12489561	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715826	Recreational	16919	23337	0.664867175	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715670	Recreational	16919	23337	0.042253241	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715699	Recreational	16919	23337	0.133594806	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715700	Recreational	16919	23337	0.069593574	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715899	Recreational	16919	23337	0.053437923	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715889	Recreational	16919	23337	0.039146385	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715890	Recreational	16919	23337	0.034175416	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715891	Recreational	16919	23337	0.032311302	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715892	Recreational	16919	23337	0.02609759	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715893	Recreational	16919	23337	0.102526247	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715897	Recreational	16919	23337	0.068972202	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715898	Recreational	16919	23337	0.031689931	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715827	Recreational	16919	23337	0.044738726	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715828	Recreational	16919	23337	0.154100056	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715903	Recreational	16919	23337	0.028583075	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715904	Recreational	16919	23337	0.034796787	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715905	Recreational	16919	23337	0.03106856	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715831	Recreational	16919	23337	0.023612105	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715829	Recreational	16919	23337	0.060273006	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715830	Recreational	16919	23337	0.480319931	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715835	Recreational	16919	23337	0.058408892	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715832	Recreational	16919	23337	0.114332299	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715833	Recreational	16919	23337	0.040389128	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715834	Recreational	16919	23337	0.280238408	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715847	Recreational	16919	23337	0.065865346	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715844	Recreational	16919	23337	0.017398393	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715845	Recreational	16919	23337	0.013048795	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Roaring Run	123715846	Recreational	16919	23337	0.260354529	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Roaring Run	134395988	Recreational	16919	23337	0.544321164	Somerset	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966818	Aquatic Life	10181	23010	0.034175416	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966860	Aquatic Life	10181	23010	0.037903643	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966270	Aquatic Life	10181	23010	0.157828283	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966218	Aquatic Life	10181	23010	0.122410125	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966822	Aquatic Life	10181	23010	0.016155651	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966188	Aquatic Life	10181	23010	0.435581206	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966820	Aquatic Life	10181	23010	0.019883878	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966234	Aquatic Life	10181	23010	0.45360097	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Shady Brook Run	25966266	Aquatic Life	10181	23010	0.118060527	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999058	Aquatic Life	10173	23391	0.866191442	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999062	Aquatic Life	10173	23391	0.394570707	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999576	Aquatic Life	10173	23391	0.319384793	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999040	Aquatic Life	10173	23391	0.271539211	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999824	Aquatic Life	10173	23391	0.062137119	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999056	Aquatic Life	10173	23391	0.266568241	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999572	Aquatic Life	10174	23391	0.402027161	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999568	Aquatic Life	10174	23391	0.326841247	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999570	Aquatic Life	10174	23391	0.430610236	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999574	Aquatic Life	10174	23391	0.309442854	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999052	Aquatic Life	10174	23391	0.133594806	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999020	Aquatic Life	10175	23391	0.543699793	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999832	Aquatic Life	10175	23391	0.027961704	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999030	Aquatic Life	10175	23391	0.125516981	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Skippack Creek	25999578	Aquatic Life	10175	23391	0.305714627	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; PH, HIGH; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Spruce Run	66920411	Recreational	21178	23345	0.436823948	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Stony Run	57461641	Aquatic Life	8572	22888	1.158235902	Lancaster	HABITAT ALTERATIONS; NUTRIENTS; SILTATION	CAUSE UNKNOWN; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Stony Run	66920665	Recreational	21163	23344	1.148915334	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to Susquehanna River	65637471	Aquatic Life	7474	23474	0.030447188	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Unnamed Tributary to Susquehanna River	65637473	Aquatic Life	7474	23474	0.01553428	Luzerne	ALUMINUM; IRON	METALS	REFINEMENT
Unnamed Tributary to Swatara Creek	56396733	Recreational	17493	23182	0.991708422	Lebanon	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to Towamencin Creek	25978990	Aquatic Life	10291	22986	0.636905472	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25978970	Aquatic Life	10291	22986	0.44303766	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; FLOW REGIME MODIFICATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25979020	Aquatic Life	10175	22992	0.137323033	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25978982	Aquatic Life	10175	22992	0.045981468	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25979014	Aquatic Life	10175	22992	0.68288694	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25979358	Aquatic Life	10175	22992	0.118681898	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25978980	Aquatic Life	10175	22992	0.180197646	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25979356	Aquatic Life	10175	22992	0.081399626	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25978988	Aquatic Life	10175	22992	0.097555277	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25978984	Aquatic Life	10175	22992	0.003728227	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to Towamencin Creek	25979408	Aquatic Life	10175	22992	0.02609759	Montgomery	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	ALGAE; NUTRIENTS; SILTATION	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920059	Recreational	21150	23351	0.051573809	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920061	Recreational	21150	23351	0.036039529	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920047	Recreational	21150	23351	0.105633103	Northumberland	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920063	Recreational	21150	23351	0.26594687	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	133258091	Recreational	21150	23351	0.199460153	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	133258093	Recreational	21150	23351	1.24584924	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	133258095	Recreational	21150	23351	0.133594806	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920311	Recreational	21151	23351	0.043495983	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
Unnamed Tributary to West Branch Susquehanna River	66920695	Recreational	21179	23352	0.088856081	Northumberland	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT

Unnamed Tributary to West Branch Susquehanna River	66920751	Recreational	21179	23352	0.538107452	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
West Branch Chester Creek	25607191	Aquatic Life	17137	22816	0.301365028	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607194	Aquatic Life	17137	22816	0.076428657	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607188	Aquatic Life	17137	22816	0.392085222	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607139	Aquatic Life	17137	22816	0.413833214	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607186	Aquatic Life	17137	22816	0.40637676	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607173	Aquatic Life	17137	22816	0.721411954	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607179	Aquatic Life	17137	22816	0.256626302	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25606226	Aquatic Life	17137	22816	0.069593574	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25602595	Aquatic Life	17137	22816	0.322491649	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	133387274	Aquatic Life	17137	22816	0.034175416	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607175	Aquatic Life	17137	22816	0.128002466	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607004	Aquatic Life	17137	22816	0.00497097	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25607016	Aquatic Life	17137	22816	0.646847411	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25606235	Aquatic Life	17137	22816	0.060273006	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Chester Creek	25602593	Aquatic Life	17137	22816	0.301365028	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN; FLOW REGIME MODIFICATION;	REFINEMENT

West Branch Chester Creek	133387276	Aquatic Life	17137	22816	0.234256939	Delaware	EUTROPHICATION; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	HABITAT ALTERATIONS; SILTATION CAUSE UNKNOWN; FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	REFINEMENT
West Branch Susquehanna River	66920303	Recreational	21151	23351	0.053437923	Union	ESCHERICHIA COLI (E. COLI)	PATHOGENS	REFINEMENT
West Branch Susquehanna River	61829723	Aquatic Life	11104	23484	0.270296469	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61830021	Aquatic Life	11104	23484	0.241713394	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829933	Aquatic Life	11104	23484	0.67232363	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829971	Aquatic Life	11104	23484	0.230528712	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829797	Aquatic Life	11104	23484	0.498339696	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61830103	Aquatic Life	11104	23484	1.052602799	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829837	Aquatic Life	11104	23484	0.206916607	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61830135	Aquatic Life	11104	23484	0.334919073	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61830417	Aquatic Life	11104	23484	4.867821918	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829495	Aquatic Life	11120	23484	0.283345264	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829451	Aquatic Life	11120	23484	2.541408175	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829499	Aquatic Life	11120	23484	0.566690527	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829227	Aquatic Life	11120	23484	2.894347012	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829217	Aquatic Life	11120	23484	1.093613298	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829109	Aquatic Life	11120	23484	0.173983934	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829513	Aquatic Life	21437	23484	0.224315	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829727	Aquatic Life	21437	23484	0.583467549	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829587	Aquatic Life	21437	23484	1.087399586	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829527	Aquatic Life	21437	23484	0.924600334	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829509	Aquatic Life	21437	23484	1.164449614	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829549	Aquatic Life	21437	23484	0.241092023	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829489	Aquatic Life	21437	23484	0.180197646	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829759	Aquatic Life	21437	23484	1.04266086	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829491	Aquatic Life	21437	23484	0.309442854	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829775	Aquatic Life	21437	23484	0.708363159	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829783	Aquatic Life	21437	23484	1.749159906	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829529	Aquatic Life	21437	23484	0.190760956	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT

West Branch Susquehanna River	61829771	Aquatic Life	21437	23484	0.361016663	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829711	Aquatic Life	21437	23484	1.128410085	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829649	Aquatic Life	21437	23484	0.47969856	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829605	Aquatic Life	21437	23484	2.453794837	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829615	Aquatic Life	21437	23484	0.334919073	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829883	Aquatic Life	21437	23484	3.008057941	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829375	Aquatic Life	21437	23484	0.315035194	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829539	Aquatic Life	21437	23484	1.842365584	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
West Branch Susquehanna River	61829891	Aquatic Life	21437	23484	1.691372385	Clearfield	ALUMINUM; IRON; SILTATION	METALS	REFINEMENT
Wyomissing Creek	25992816	Aquatic Life	7850	22928	0.05716615	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	REFINEMENT
Wyomissing Creek	25992888	Aquatic Life	7850	22928	1.291830708	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	REFINEMENT
Wyomissing Creek	25993142	Aquatic Life	7850	22928	0.034796787	Berks	FLOW REGIME MODIFICATION; HABITAT ALTERATIONS; SILTATION	CAUSE UNKNOWN	REFINEMENT