

**CLASS A WILD TROUT STREAMS
STATEWIDE**

**WATER QUALITY STANDARDS REVIEW
STREAM REDESIGNATION EVALUATION**

**Drainage Lists:
A, C, D, E, F, H, I, K, L, N, O, P, Q, T**

**WATER QUALITY MONITORING SECTION (MAB)
DIVISION OF WATER QUALITY STANDARDS
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

December 2014

INTRODUCTION

The Department of Environmental Protection (Department) is required by regulation, 25 Pa. Code section 93.4b(a)(2)(ii), to consider streams for High Quality (HQ) designation when the Pennsylvania Fish and Boat Commission (PFBC) submits information that a stream is a Class A Wild Trout stream based on wild trout biomass.

The PFBC surveys for trout biomass using their established protocols (Weber, Green, Miko) and compares the results to the Class A Wild Trout Stream criteria listed in Table 1. The PFBC applies the Class A classification following public notice, review of comments, and approval by their Commissioners. The PFBC then submits the reports to the Department where staff conducts an independent review of the trout biomass data in the fisheries management reports for each stream.

All fisheries management reports that support PFBCs final determinations included in this package were reviewed and the streams were found to qualify as HQ streams under 93.4b(a)(2)(ii). There are 50 entries representing 207 stream miles included in the recommendations table. The Department generally followed the PFBC requested stream reach delineations. Adjustments to reaches were made in some instances based on land use, confluence of tributaries, or considerations based on electronic mapping limitations.

PUBLIC RESPONSE AND PARTICIPATION SUMMARY

The procedure by which the PFBC designates stream segments as Class A requires a public notice process where proposed Class A sections are published in the Pennsylvania Bulletin first as proposed and secondly as final, after a review of comments received during the public comment period and approval by the PFBC Commissioners. Once the Class A sections are finalized, the PFBC then submits the fisheries management reports to the Department for its requisite independent review.

As Class A designations may ultimately result in regulatory changes to Pennsylvania's water quality standards, the Department provides public notice of its intent to assess the Class A stream data prior to any resulting redesignation recommendations. The Department's notice requesting additional water quality data was published in the Pennsylvania Bulletin on May 26, 2012 (42 PaB 3027) and also on the Department website. No water quality data was received. In addition, all affected Municipalities, County Planning Commissions, Conservation Districts, and State Agencies were notified of this

redesignation evaluation in a letter dated May 2, 2012. No data or comments were received in response to these notices.

Final Draft Notice, Comments and Response. Once the final draft was completed, it was made available to all municipalities, County Planning Commissions, County Conservation Districts and other State Agencies with effected streams on March 20, 2015 with a with an initial public comment period ending 45-days later. Six stakeholders offered comments during the comment period, three in support and three in opposition.

Table 1: PFBC Trout Biomass Estimate Classes and Criteria

Class	Criteria
A (Brook Trout)	<ul style="list-style-type: none"> a. Total wild brook trout biomass of at least 30 kg/ha (26.7 lbs/acre) b. Total biomass of wild brook trout less than 15 centimeters (cm) or 5.9 inches in total length of at least 0.1 kg/ha (0.089 lbs/acre) c. Wild brook trout biomass must comprise at least 75% of the total wild trout biomass
A (Brown Trout)	<ul style="list-style-type: none"> a. Total wild brown trout biomass of at least 40 kg/ha (35.6 lbs. acre) b. Total biomass of wild brown trout less than 15 centimeters (cm) or 5.9 inches in total length of at least 0.1 kg/ha (0.089 lbs/acre). c. Wild brown trout biomass must comprise at least 75% of the total wild trout biomass
A (Mixed Brown and Brook)	<ul style="list-style-type: none"> a. Combined wild brook and wild brown trout biomass of at least 40 kg/ha (35.6 lbs. acre) b. Total biomass of wild brook trout less than 15 centimeters (cm) or 5.9 inches in total length of at least 0.1 kg/ha (0.089 lbs/acre). c. Total biomass of wild brown trout less than 15 centimeters (cm) or 5.9 inches in total length of at least 0.1 kg/ha (0.089 lbs/acre). d. Wild brook trout biomass comprises less than 75% of total trout biomass e. Wild brown trout biomass comprises less than 75% of total trout biomass
A (Rainbow Trout)	Total biomass of wild rainbow trout less than 15 cm (5.9 inches) in total length of at least 2.0 kg/ha (1.78 lbs/acre).

RECOMMENDATIONS

The department recommends amending §93.9a, §93.9c-f, § 93.9h-i, §93.9k-l, §93.9n-q and §93.9t to reflect High Quality designations for the following stream segments.

STREAM NAME	TRIBUTARY TO	COUNTY	DRAINAGE LIST	STREAM CODE	DESIGNATED USE	PROPOSED DESIGNATED USE	PBFC CLASS A REACH	DEP ZONE RECOMMENDATION	DATE OF EVAL	AFFECTED STREAM MILES	SPECIES	BIOMASS ESTIMATE
SHERMAN CREEK	WEST BRANCH DELAWARE RIVER	WAYNE	A	6656	CWF,MF	HQ-CWF,MF	PRIVATE RD 0.5KM ABOVE LR63098 DOWNSTREAM TO NEW YORK-PENNSYLVANIA BORDER	BASIN, STARBOARD CREEK TO PA/NY BORDER, INCLUDING ALL SECTIONS OF STARBOARD CREEK IN PA	9/22/2008	6.84	MIX	63.4
MARTINS CREEK	DELAWARE RIVER	NORTHAMPTON	C	4680	TSF,MF	HQ-CWF,MF	DAM 0.6KM UPS INT S.MAIN ST (SR1015) & OLD FRANKLI DOWNSTREAM TO CONFLUENCE W/DELAWARE R	MA NSTEM, FROM DAM LOCATED 0.6 Km UPSTREAM OF INTERSECTION OF OLD FRANK LIN HILL RD AND MAIN STREET TO MOUTH	1/20/2012	1.9	BROWN	348.38
HUNTER CREEK	BUCKWHA CREEK	CARBON	D	3788	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN	4/22/2011	17.021	MIX	58.17
CATASUAQUA CREEK	LEHIGH RIVER	LEHIGH	D	3632	CWF,MF	HQ-CWF, MF	MA NSTEM, EAST WOOD ST BRIDGE TO 40 METER DOWNSTREAM OF LEHIGH ST BRIDGE	MAINSTEM, EAST WOOD ST BR DGE TO 40 METER DOWNSTREAM OF LEHIGH ST BRIDGE	4/22/2011	0.5	BROWN	94.9
SAUCON CREEK	LEHIGH RIVER	LEHIGH	D	3345	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO 0.92 KM DWS T410 BRDGE	MAINSTEM, SOURCE TO .92KM DOWNSTREAM OF TOWNSH P ROAD 410 (CHESTNUT H LL ROAD) BRIDGE	12/5/2007	3.785	BROWN	21.73
UNT TO DELAWARE RIVER	DELAWARE RIVER	NORTHAMPTON	E	3333	TSF,MF	HQ-CWF,MF	HEADWATER DOWNSTREAM TO CONFLUENCE WITH DELAWARE RIVER	BASIN, SOURCE TO MOUTH	1/20/2012	1.7	BROWN	98.26
UNT 2299 TO BEAR CREEK (WEST)	BEAR CREEK	SCHUYLKILL	F	2299	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	2.616	BROOK	51.66
WILLOW CREEK	MA DEN CREEK	BERKS	F	1986	CWF,MF	HQ-CWF,MF	375 M UPST T-707 BR DGE DOWNSTREAM TO MOUTH	BASIN, FROM 375 METERS UPSTREAM OF T-707 BRIDGE CROSSING (AT RMI 0.75) TO MOUTH	3/21/2006	3.309	BROOK	58.12
UNT 01950 TO TULPEHOCKEN CREEK (WOMELSDORF)	TULPEHOCKEN CREEK	BERKS	F	1950	TSF,MF	HQ-CWF,MF	SR3002 BR DGE AT WOMELSDORF DOWNSTREAM TO MOUTH	MAINSTEM, SR 3002 TO MOUTH	9/22/2008	1.641	BROWN	42.58
UNT 64019 TO ALLEGHENY CREEK	ALLEGHENY CREEK	BERKS	F	64019	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	MAINSTEM, SOURCE TO MOUTH	9/22/2008	1.905	BROOK	77
HAY CREEK	SCHUYLK LL RIVER	BERKS	F	1772	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO SR82 BRIDGE NEAR GEIGERTOWN	BASIN, FROM UNT 63882 TO THE SR 82 BR DGE AT GEIGERTOWN AT	6/15/2000	1.447	BROWN	47

								RIVER M LE 6.75				
UNT MONOCACY CREEK	MONOCACY CREEK	BERKS	F	1762	WWF,MF	HQ-CWF,MF	DAM LOCATED 40 METERS UPSTREAM SR 2023 DOWNSTREAM TO MOUTH	BASIN, FROM 40 METERS UPSTREAM SR 2023 BRIDGE CROSSING (AT RMI 0.4) TO MOUTH	3/21/2006	0.75	BROWN	120.64
BIG RIFT CREEK	TIOGA RIVER	TIOGA	H	31316	CWF,MF	HQ-CWF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	2.184	BROOK	35.14
SATTLERLEE RUN	SOUTH BRANCH TOWANDA CREEK	BRADFORD	I	30269	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	8.39	BROOK	44.32
GAYLORD CREEK	NORTH BRANCH WYALUSING CREEK	SUSQUEHANNA	I	29706	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO BRAD SUSQUEHANNA CO LINE	BASIN, HEADWATER TO BRADFORD /SUSQUEHANNA COUNTY LINE	9/22/2008	12.289	BROOK	35
BURGESS BROOK	NORTH BRANCH MAHOOPANY CREEK	WYOMING	I	29259	CWF,MF	HQ-CWF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	1.227	BROOK	43.35
ROCK CREEK	TUNKHANNOCK CREEK	SUSQUEHANNA	I	29191	CWF,MF	HQ-CWF,MF	HEADWATER DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	7.229	BROOK	36
LEWIS CREEK	LACKAWANNA RIVER	LUZERNE	I	28663	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	1.936	BROOK	37.39
UNT TO LAUREL RUN 'WHEELBARROW RUN'	LAUREL RUN	LUZERNE	K	62998	CWF,MF	HQ-CWF,MF	UNNAMED POND DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	1/20/2012	1.08	BROOK	32.57
BIG WAPWALLOPEN CREEK	WAPWALLOPEN CREEK	LUZERNE	K	28231	CWF,MF	HQ-CWF	CRYSTAL LAKE DOWNSTREAM TO POWERLINE CROSSING UPST NUANGOLA ROAD (SR 2042)	MAINSTEM, SR 476 TO POWERLINE CROSSING UPSTREAM OF NUANGOLA RD.	4/7/2008	6.201	MIX	97.9
BOW CREEK	BIG WAPWALLOPEN CREEK	LUZERNE	K	28248	CWF,MF	HQ-CWF	HEADWATERS ON ARBUTUS PEAK DOWNSTREAM TO MOUTH	MAINSTEM, SR 309 TO CONFLUENCE WITH BIG WAPWALLOPEN CREEK	4/7/2008	1.206	MIX	57.02
BALLIET RUN	WAPWALLOPEN CREEK	LUZERNE	K	28256	CWF,MF	HQ-CWF, MF	HEADWATERS DOWNSTREAM TO CONF WAPWALLOPEN CK AND UNT	BASIN, HEADWATERS TO MOUTH	4/7/2008	10.73	BROWN	59.71
WAPWALLOPEN CREEK	SUSQUEHANNA RIVER	LUZERNE	K	28225	CWF,MF	HQ-CWF,MF	CONF BALLIET RUN AND UNT DOWNSTREAM TO CONF WAPWALLOPEN CK BG	BASIN, HEADWATERS TO CONFLUENCE WITH BIG WAPWALLOPEN CREEK	4/7/2008	2.691	BROWN	49.18
BIG WAPWALLOPEN CREEK	SUSQUEHANNA RIVER	LUZERNE	K	28225	CWF,MF	HQ-CWF,MF	CONF WAPWALLOPEN CK BG DOWNSTREAM TO 380 M DNST ST 3012	MAINSTEM, CONFLUENCE WITH BIG WAPWALLOPEN TO 380 METERS DOWNSTREAM OF SR 3021	4/7/2008		BROWN	41.28
LONG RUN	NESCOPECK CREEK	LUZERNE	K	28156	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	5.464	BROOK	31
UNT 28152 TO NESCOPECK CREEK	NESCOPECK CREEK	LUZERNE	K	28152	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	4.416	BROOK	45.62
UNT 28138 TO NESCOPECK CREEK	NESCOPECK CREEK	LUZERNE	K	28138	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	1.319	BROOK	59.73

UNT 28137 TO NESCOPECK CREEK (KESTER CK)	NESCOPECK CREEK	LUZERNE	K	28137	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	1.476	BROOK	58.57
COLES CREEK	FISHING CREEK	COLUMBIA, LUZERNE, SULLIVAN	K	27956	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MARSH RUN	BASIN, SOURCE TO CONFLUENCE WITH MARSH CREEK	4/22/2011	5 692	MIX	45.79
UNT COLES CREEK "FALLOW HOLLOW"	COLES CREEK	COLUMBIA	K	27964	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BAS N	4/22/2011	2.113	BROOK	43.75
UNT COLES CREEK "HESS HOLLOW"	COLES CREEK	COLUMBIA	K	27963	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	BAS N	4/22/2011	1 874	MIX	42.19
WASP BRANCH	P NE CREEK	LUZERNE	K	27822	CWF,MF	HQ-CWF,MF	HEADWATER downstream to MOUTH	BAS N	3/13/2012	1.76	BROOK	43.94
LICK RUN	LITTLE FISHING CREEK	COLUMBIA	K	27725	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO JCT T 645 & SR 42	BASIN, SOURCE TO JCT OF T645 AND SR 42 AT RMI 2 3	9/22/2008	5 886	BROOK	45.35
LAUREL RUN (PORT MAT LDA)	BALD EAGLE CREEK	CENTRE	L	23210	CWF,MF	HQ-CWF,MF	SOURCE DOWNSTREAM TO VIC NITY OF BLACK OAK CHURCH	BAS N, HEADWATER TO RMI 3.24	9/22/2008	8 835	MIX	52 5
CEDAR RUN	MARSH CREEK	CENTRE	L	23059	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO MOUTH	MAINSTEM, SOURCE TO MOUTH	3/23/2011	6 292	BROWN	259.47
HARVEYS RUN	BALD EAGLE CREEK	CL NTON	L	22413	CWF,MF	HQ-CWF,MF	OUTFLOW OF UPPER CASTENEA RESERVOIR DOWNSTREAM TO MOUTH	BAS N, OUTFLOW FROM CASTENEA RESERVOIR TO MOUTH	1/20/2012	1.07	MIX	66.35
ROCK RUN	BABB CREEK	TIOGA	L	21758	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO CONFL WITH UNT 21760	BASIN, SOURCE TO CONFLUENCE WITH TR B 21760	9/22/2008	4.12	BROOK	36.16
PLUM CREEK	HALTER CREEK	BLA R	N	16504	WWF, MF	HQ-CWF,MF	RT 164 BRDG DOWNSTREAM TO MOUTH	MAINSTEM FROM SR 164 BRIDGE CROSSING (AT RMI 3.3) TO MOUTH	12/14/2007	3 867	BROWN	141
HALTER CREEK	FRANKSTOWN BRANCH JUNIATA RIVER	BLA R	N	16503	WWF, MF	HQ-CWF,MF	CONFLUENCE OF PLUM CK DOWNSTREAM TO MOUTH	MAINSTEM, FROM CONFLUENCE WITH PLUM CREEK TO MOUTH	12/14/2007	2 239	BROWN	185 68
SANDY RUN	LITTLE JUNIATA RIVER	BLA R	N	16016	CWF,MF	HQ-CWF,MF	ST UNNAMED TRIBUTARY ENTERING FROM THE EAST UPSTR DOWNSTREAM TO MOUTH	BASIN, UNT 16026 TO MOUTH	6/14/2007	14.3	BROWN	58
LITTLE JUNIATA RIVER	JUNIATA RIVER	BLAIR, HUNTINGDON	N	15664	CWF,MF	HQ-CWF,MF	RR BRDG AT EAST (DNS) BORDER OF IRONVILLE DOWNSTREAM TO MOUTH OF SPRUCE CREEKMOUTH OF SPRUCE CREEK DOWNSTREAM TO BARREE ROAD BRDG (SR4004)	MAINSTEM, FROM LOGAN SPRING RUN TO MCLAN RUN	4/22/2011	11.694	BROWN	340.3
MIDDLE SPRING CREEK	CONODOQUINET CREEK	CUMBERLAND	O	10602	CWF,MF	HQ-CWF,MF	HEADWATERS DOWNSTREAM TO AVON RD (T-303)	BASIN, CONFLUENCE OF GUM RUN AND FURNACE RUN TO T-303 (AVON RD)	11/2/2009	4 011	BROWN	76 6

BIG SPR NG CREEK	CONODOQUINET CREEK	CUMBERLAND	O	10378	CWF,MF	HQ-CWF, MF	SOURCE DOWNSTREAM TO PIPER M LL DAM (OLD FISH BARR ER)	BASIN, RIVER MILE 4 54 TO NEALY RD.	9/29/2011	0.4	RAINBOW	69.05
BIG SPR NG CREEK	CONODOQUINET CREEK	CUMBERLAND	O	10378	CWF,MF	HQ-CWF, MF		BASIN, SR 3007 (T-333) AT RIVER MILE 4.94 TO RIVER M LE 4 54	3/14/2011	0.792	BROOK	165.88
LETORT SPRING RUN	CONODOQUINET CREEK	CUMBERLAND	O	10261	CWF,MF	HQ-CWF,MF	POST ROAD BRIDGE DOWNSTREAM TO MOUTH	BAS N, T-710 BR DGE (POST ROAD) TO MOUTH	9/22/2006	3.997	BROOK	215.67
MILL CREEK	ALLEGHENY RIVER	POTTER	P	58418	CWF AND HQ-CWF	HQ-CWF	BGE AT COUNTRY CLUB DOWNSTREAM TO MOUTH	BASIN, FROM UNT 58423 "NORTH HOLLOW" TO MOUTH	9/22/2008	6.308	BROWN	66.33
LOGAN RUN	TIONESTA CREEK	FOREST	Q	55194	CWF	HQ-CWF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	9/22/2008	6.134	BROOK	51.48
BEAR RUN	SOUTH SANDY CREEK	VENANGO	Q	51342	CWF	HQ-CWF	HEADWATERS DOWNSTREAM TO MOUTH	BAS N	4/22/2011	0.875	BROOK	55.11
HIGGINS RUN	QUEMAHONING CREEK	SOMERSET	T	45404	CWF	HQ-CWF	UNAMED POND AT HEADWATERS DOWNSTREAM TO STONE BRIDGE BOREHOLE	MAINSTEM, UNNAMED POND IN HEADWATERS TO RMI 1.37	9/22/2008	2.907	BROWN	170.36
UNT TO FREEMAN RUN	FREEMAN RUN	WESTMORELAND	T	44808	TSF	HQ-CWF	HEADWATERS DOWNSTREAM TO MOUTH	BASIN, SOURCE TO MOUTH	1/20/2012	1.19	BROOK	52.11

REFERENCES

Weber, R., R. T. Greene, and D. Miko. 2011. Protocols for conducting biological assessments of unassessed trout waters. Pages 95-101 in D. Miko, editor. Sampling protocols for Pennsylvania's wadeable streams. Pennsylvania Fish and Boat Commission. Harrisburg, PA.

PA Fish and Boat Commission. Class A Wild Trout Fisheries Management Reports.