Appendix A: Changes in Designated Use Assessment Results from 2012 Integrated List

This table shows AUs whose designated use assessments changed from Not Supporting on the 2012 Integrated List to Fully Supporting or Insufficient Information on the 2014 Integrated List but the associated parameter assessment results remained the same. For example: In Harihokake Creek (and to Hakihokake Ck), total phosphorus exceedances occurred in non-trout waters but attained the total phosphorus criterion in trout waters; therefore, the trout aquatic life use was changed to fully supporting. Phosphorus remains on the 303(d) List as a cause of general aquatic life use non-support.

WMA	Assessment Unit	Assessment Unit Name	Parameter	Designated Use	Original Listing	Prior	New Assessment	Delisting Reason	Justification
	Number				Station	Assessment Result	Result		
11		Harihokake Creek (and to Hakihokake Ck)	Phosphorus (Total)	Aquatic Life- Trout		Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	01458300 is non attain for TP but is in non-trout waters, 01458400 in trout waters is fully attaining for TP.
04		Preakness Brook / Naachtpunkt Brook	Benthic Macroinvertebrates	Aquatic Life- Trout	AN0273	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0273 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Phosphorus (Total), Dissolved Oxygen	Aquatic Life- Trout	LR2	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	LR2 is non attain for TP and DO but in non trout waters. Does not apply to trout use, insufficient data for assessment.
08	02030105030010-01	First Neshanic River	Benthic Macroinvertebrates	Aquatic Life- Trout	AN0330	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0330 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01		New Wawayanda Lake/Andover Pond trib	Benthic Macroinvertebrates	Aquatic Life- Trout	AN0036	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0036 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
03		Ramapo R (below Crystal Lake bridge)	Benthic Macroinvertebrates	Aquatic Life- Trout	ANO267	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0267 is non attain for benthic macroinvertebrates but in non trout waters. 01387811 and Pompton Lake-03 is non attain (TMDL) for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	Original Listing Station	Prior Assessment	New Assessment Result	Delisting Reason	Justification
	Number				Station	Result	Result		
08	02030105060070-01	Raritan R NB (incl Mine Bk	Benthic	Aquatic Life-	AN0352	Not	Insufficient Data	Data and/or information lacking to	AN0352 is non attain for benthic
		to Peapack Bk)	Macroinvertebrates	Trout		Supporting		determine WQ status; original basis for	macroinvertebrates but in non trout
								listing was incorrect	waters. Does not apply to trout use,
									insufficient data for assessment.
06	02030103030160-01	Montville Tribs	Benthic	Aquatic Life-	AN0253,AN02	Not	Insufficient Data	Data and/or information lacking to	AN0253 and AN0254 are non attain for
			Macroinvertebrates	Trout	54	Supporting		determine WQ status; original basis for	benthic macroinvertebrates but in non
								listing was incorrect	trout waters. Does not apply to trout
									use, insufficient data for assessment.
09	02030105120020-01	Green Bk (N Plainfield	Benthic	Aquatic Life-	01403465	Not	Insufficient Data	Data and/or information lacking to	01403465 is non attain for ph but in non
		gage to Blue Bk)	Macroinvertebrates	Trout		Supporting		determine WQ status; original basis for	trout waters. Does not apply to trout
								listing was incorrect	use, insufficient data for assessment.
01	02040105090050-01	Furnace Brook	Benthic	Aquatic Life-	AN0042	Not	Insufficient Data	Data and/or information lacking to	AN0042 is non attain for benthic
			Macroinvertebrates	Trout		Supporting		determine WQ status; original basis for	macroinvertebrates but in non trout
								listing was incorrect	waters. Does not apply to trout use,
									insufficient data for assessment.
03	02030103100010-01	Ramapo R (above 74d	Phosphorus (Total),	Aquatic Life-	RA1,01387500	Not	Insufficient Data	Data and/or information lacking to	RA1 is non attain for DO, 01387500 is
		11m 00s)	Dissolved Oxygen	Trout		Supporting		determine WQ status; original basis for	non attain for TP(TMDL) but in non trout
								listing was incorrect	waters. Does not apply to trout use,
									insufficient data for assessment.
01	02040105030010-01	Swartswood trib(41-06-06	рН	Aquatic Life-	Mecca Lake	Not	Insufficient Data	Data and/or information lacking to	Mecca Lake is non attain for pH but in
		thru Lk Owassa)		Trout		Supporting		determine WQ status; original basis for	non trout waters. Does not apply to
								listing was incorrect	trout use, insufficient data for
									assessment.
06	02030103030120-01	Den Brook	Benthic	Aquatic Life-	AN0247	Not	Insufficient Data	Data and/or information lacking to	AN0247 is non attain for benthic
			Macroinvertebrates	Trout		Supporting		determine WQ status; original basis for	macroinvertebrates but in non trout
								listing was incorrect	waters. Does not apply to trout use,
									insufficient data for assessment.
06	02030103030110-01		Benthic	Aquatic Life-		Not	Insufficient Data	Data and/or information lacking to	AN0246 is non attain for benthic
		County)	Macroinvertebrates	Trout		Supporting		determine WQ status; original basis for	macroinvertebrates but in non trout
								listing was incorrect	waters. Does not apply to trout use,
									insufficient data for assessment.

WMA	Assessment Unit	Assessment Unit Name	Parameter	Designated Use	Original Listing	Prior	New Assessment	Delisting Reason	Justification
	Number				Station	Assessment Result	Result		
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Phosphorus (Total)	Aquatic Life- Trout	Eden Mill Pond,0138149 8,01381515	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Eden Mill Pond, 01381498, 01381515 are non attain (TMDL) for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Phosphorus (Total)	Aquatic Life- Trout	01467359	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	01467359 is non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Dissolved Oxygen	Aquatic Life- Trout	Wallkill G	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Wallkill G is non attain for DO but in non trout waters. Does not apply to trout use, insufficient data for assessment.
05	02030103170040-01	Tenakill Brook	Phosphorus (Total)	Aquatic Life- Trout	TB1/2/3/4,DB1	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	TB1/2/3/4, DB1 are non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Phosphorus (Total)	Aquatic Life- Trout	Osborne Pond, MCHD-14	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Osborne Pond, MCHD-14 are non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)		Aquatic Life- Trout		Not Supporting	Not Applicable	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No trout waters in AU.
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Temperature	Aquatic Life- General	01439830	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature exceedances at 01439830 only applies to trout use, general aquatic life use is fully supporting for temperature.
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Temperature, Dissolved Oxygen	Aquatic Life- General	NBRR1	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature and DO exceedances at NBRR1 only applies to trout use, general aquatic life use is fully supporting for temperature and DO.

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	Number				Station	Assessment	Result		
						Result			
01	02040105050010-01	Paulins Kill (Blairstown to	Temperature	Aquatic Life-	01443500	Not	Fully Supporting	Applicable WQS attained; original basis	Temperature exceedances at 01443500
		Stillwater)		General		Supporting		for listing was incorrect.	only applies to trout use, general aquatic
									life use is fully supporting for
									temperature.
01	02040105150040-01	Lubbers Run (above/incl	Temperature	Aquatic Life-	AN0065	Not	Fully Supporting	Applicable WQS attained; original basis	Temperature exceedances at AN0065
		Dallis Pond)		General		Supporting		for listing was incorrect.	only applies to trout use, general aquatic
									life use is fully supporting for
									temperature.