

TABLE – TR17 RAF # 12
Summary: Criteria Update for U.S. EPA Region 3 and Neighboring States

AMMONIA

U.S. EPA's 2015 Human Health Criteria Updates

Pennsylvania		
<i>Freshwater Aquatic Life – Criteria</i>	Current criteria based on EPA 1983 draft report.	
<i>Freshwater Aquatic Life – TR17 Final Rulemaking Criteria</i>	EPA 2013 (mussels & trout present statewide).	
<i>Human Health</i>		Proposing EPA's 2015 HH Criteria Updates for 94 pollutants; adding new risk input factors into codified methods for criteria development; recalculated several state-derived criteria using new risk input factors during current TR.
Delaware		
<i>Freshwater Aquatic Life</i>	Expects to propose adoption of EPA 2013 recommended Ammonia criterion. Starting the regulatory process in December 2018.	
<i>Human Health</i>		Expects to propose adoption of EPA's recommended 2015 HH Updates, using Delaware-specific fish consumption rates and BAFs where the Delaware BAF data are available. Starting the regulatory process in December 2018.
Maryland		
<i>Freshwater Aquatic Life</i>	Aiming to adopt EPA 2013 ammonia criteria during their 2019 TR with regulatory language that allows permit holders to use the less stringent criteria in waters that are unlikely to have freshwater mussels present.	
<i>Human Health</i>		Considering adopting at least some of the EPA 2015 updates in the upcoming TR.
New Jersey		
<i>Freshwater Aquatic Life</i>	Plans to adopt EPA 2013 freshwater criteria during next TR.	
<i>Human Health</i>		Not planning to adopt EPA 2015 updates in this TR, but will likely include in the subsequent TR.

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New York		
<i>Freshwater Aquatic Life</i>	Not expecting to propose revisions to ammonia criterion in the near future.	
<i>Human Health</i>		Not expecting to propose revisions to criteria in the near future.
Ohio		
<i>Aquatic Life - Current</i>	Currently equation-based NH3 criteria; Ohio-specific & tiered, varies by designated aquatic life / beneficial uses & OMZA http://www.epa.ohio.gov/portals/35/rules/01-07.pdf	
<i>Aquatic Life - Planned</i>	Plan to propose EPA 2013 for Warm water, mussels present & salmonids absent, in 2019. Cold water, either retain current criteria or propose EPA 2013 mussels present & salmonids present. Also going to update the variance rule and include an MDV for ammonia.	
<i>Human Health</i>		Planning on adopting rules for EPA's 2015 HH Criteria Updates for 94 pollutants along with this next triennial.
Virginia		
<i>Freshwater Aquatic Life</i>	2013 Ammonia criteria update was part of the HH Update rulemaking but diverted onto separate rulemaking to incorporate a phased permit implementation plan (PIP) into the WQS. Criteria assumes mussel presence statewide and provides the option of criteria based upon a "mussel absent" determination. Amendments to SWCB for final adoption week of December 10, 2018. http://townhall.virginia.gov/L/ViewXML.cfm?textid=11691	
<i>Human Health</i>		VA adopted all of EPA's 2015 HH Updates. Rulemaking included updates to Bacteria and Cadmium.

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West Virginia		
<i>Freshwater Aquatic Life</i>	No immediate plans to adopt EPA 2013, need to know if it is fully protective of mussels before change is sought.	
<i>Human Health</i>		Not expecting to adopt this Triennial year— seeking further information from EPA on how HH Criteria Updates were developed.
Washington, D.C.		
<i>Freshwater Aquatic Life</i>	District published proposed adoption of EPA's 2013 ammonia criteria during 2016 triennial review in the D.C. Register on September 15, 2017; publishing the proposed again in December 2018 without changes to the ammonia criteria.	
<i>Human Health</i>		District published proposed adoption of EPA 2015 HH criteria update during 2016 triennial review in the D.C. Register on September 15, 2017; publishing the proposed again in December 2018 without changes to the ammonia criteria.
DRBC		
<i>Freshwater Aquatic Life</i>	Intending to recommend adoption of EPA 2013 in sync with their Basin States. Coordinating implementation decisions with their Toxics Advisory Committee.	
<i>Human Health</i>		No immediate plans to adopt EPA 2015; but currently evaluating and will coordinate with member states according to their TRs; using DRBC Toxics Advisory Committee.
ORSANCO		
<i>Aquatic Life</i>	Adopted EPA 2013.	
<i>Human Health</i>	1 mg/L (applied only at water intake).	2015 Pollution Control Standards do not include EPA 2015 HH criteria.