

Table 1 - MPCA Water Quality Standards Rulemaking Summary 2000 - 2017					
Numeric Criteria Source Development and Peer Review					
Year of Rule Adoption	Rule(s), [Rule Adoption State Register (SR) Cite], and Major Rule Amendments	Basis of Criteria Adopted by MPCA into Rule			Notes
		<i>EPA/Federal Criteria</i>	<i>EPA/Federal Criteria and MPCA/State Adjustments</i>	<i>State Developed Criteria</i>	
2000	Minn. R. ch. 7050 [24SR1105]	X	X		
	1. Several changes based on recommendation from a Water Quality Standards Advisory Committee that met from 9/1996 to 12/1997.				
	2. Allow an annual average limit for phosphorus in some cases				
	3. Adopted aquatic life Tier 2 method for statewide use.				
2003	Minn. R. ch. 7050 [27SR1217]			X*	*Additions/amendments to narrative standards
	Adoption of detailed narrative standards for assessing trophic status of lakes, biological community and contaminants in fish tissue.				
2006	Minn. R. ch. 7050 [31SR1168]			X*	*Additions/amendments to narrative standards
	Fulfill requirements of 2003 Session Laws ch. 128, art. 1, § 156				
	1. Define certain terms used in narrative standards dealing with water quality assessments.				
	2. Include rule language requiring the Agency to consider the actual or potential loss of attainable or existing beneficial uses when assessing water quality standards exceedances.				
	3. Include in the rule a petitioning process to request a review of assigned beneficial uses.				
	4. Include temperature as a factor in excess nutrient impairment assessments.				
2008	Minn. R. ch. 7050 and Minn. R. ch. 7053 (new) [32SR1699]	X	X	X	
	1. Moved effluent limit requirements into Minn. R. ch. 7053.				
	2. Updated reference in Class 1 to EPA Safe Drinking Water Act Standards.				
	3. Adopted eutrophication standards for lakes and reservoirs.				
	4. Revised microbiological recreation standards to <i>E. coli</i> .				
	5. Added new mercury fish-tissue standard for human health.				
	6. Updated two toxic standards for human health.				
	7. Added new aquatic life standards for acetochlor and metolachlor				
	8. Changed water designations from 3B to 3C				
	9. Updated listing for Class 1 and 2A				
	10. Completed review of Class 7				
	11. Expanded 1 mg/L phosphorus effluent limit				
2014	Minn. R. ch. 7050 [39SR154]			X	
	1. Adopted eutrophication standards for rivers				
	2. Revised turbidity to total suspended solids (TSS)				
2015	Minn. R. ch. 7050 and Minn. R. ch. 7052 [39SR1344]		X	X	
	1. Revised methods for developing human health-based WQS (Class 2) for statewide and Lake Superior				
	2. Adopted new methods for fish-tissue based HH-WQS				
	3. Adopted National <i>E. coli</i> standards for Lake Superior Coastal Recreation Waters				
2016	Minn. R. ch. 7050 [41SR545]	X*		X**	*Antidegradation is not a criteria but note that the rulemaking conformed state rules with new federal requirements. **Modifications to the previous nondegradation narrative provisions
	Antidegradation policies and requirements improved and updated.				
2017	Minn. R. ch. 7050 and Minn. R. ch. 7052 [final rule adoption notice awaiting publication in the State Register]			X*	*Significant restructuring of the Class 2 aquatic life use classifications
	Tiered Aquatic Life Uses (TALU) improve aquatic life designations (waiting EPA approval)				
2017 [currently in progress]	Minn. R. ch. 7050 and Minn. R. ch. 7053			X	
	1. Revise the existing Class 4A sulfate standard for wild rice protection				
	2. List specific lakes, rivers, streams, and wetlands in the rule as wild rice waters where the sulfate standard will apply.				
	3. Establish the duration and frequency of applying the proposed wild rice based sulfate standard.				
	4. Incorporate methods for implementing the sulfate standard in effluent limits.				