

Utah Water Quality Standards 2011 Triennial Review Topics

No.	Standards Issues	DWQ LOE	Priority	When	Notes
1	Antidegradation Policy Revisions: Rule Changes Implementation Guidance Complete Category Section Complete 401, 402, and General Permits Program Resolve temporary and limited for Category 1	High	High	2011	Revise rule to address EPA 2010 disapproval; Reconsider examples of temporary and limited and add same exemption to Category 2
2	Revisions to narrative standard - expand to address biological condition	Med/Low	High	2011	Revisions will better align standards with assessments based on biology
3	Recategorize the following waters from Category 3 to Category 2: Provo from Jordanelle to Olmsted Diversion excluding Deer Creek Reservoir	Medium	Low	2011	Trout Unlimited request: review existing 208 restrictions on discharges
4	Assign beneficial uses	Low	High	2011	Sand Hollow Reservoir; Big East Reservoir
5	Change Recreation Beneficial Use	Low	Medium	2011	Restored Ogden River from 2B to 2A; Fremont River Capitol Reef from 2B to 2A; Hyrum Reservoir from 2B to 2A
6	Reclassify Pineview Reservoir from 3A to 3B	Low	Medium	2011	Recommendation of the 2002 TMDL
7	Adopt updated human health water quality criteria for phenol, acrolein, and tributyl tin	Low	Medium	2011	USEPA updated AWQC
8	Adopt updated aquatic life water quality criteria for acrolein, chloride, chlorpyrifos, and tributyl tin	Low	Medium	2011	USEPA updated AWQC
9	Modify standards to allow the use of the biotic-ligand model or water effects ratio for site-specific standards	Low	Low	2011	EPA approved procedures
10	Delete acute criteria for mercury	Low	Medium	2011	Acute standard no longer supported by USEPA because standard not protective of bioaccumulation
11	Revise "a less stringent criterion is appropriate because of natural or un-alterable conditions" to apply to any parameter, not just TDS and temperature	Low	Medium	2011	Rule needs to be revised in anticipation of conducting UAAs
12	Revise upstream boundary for Spring Creek (Bear River WMU) site-specific TDS standar	High	Low	2011	Existing boundary is US 89 which is downstream of the facility that instigated the investigation for a site-specific standard
13	Review iron criteria for dissolved and total	Medium	Medium	2011	Iron criteria may have been erroneously changed to dissolved when other metals were changed to dissolved
14	Site-specific TDS Standards	Medium	High	2011	Price River between Soldier and Coal Creeks; Antelope Creek (Uinta) TMDL; Blue Creek

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15	Change Categories 1, 2, and 3 to Tier 1, 2, and 3 to be consistent with Federal program and other States	Low	Low	2011	Eliminate confusion regarding the nexus of Federal and State Rules
16	Revise Category 1 descriptions for Oakley and Coalville WWTPs	Low	Medium	2011	Category 1 boundary is defined as US 189 which subsequently was moved with road construction. US189 is no longer a valid geographical residence. Reestablish Category 1 boundary in the same location with a new reference. Nonsubstantive change and no rulemaking required
17	In R317-2-12.2 Revise Category 2 Fountain Green To Uintah, should be Category 3	Low	Medium	2011	This exception was inadvertently moved from R317-2-12.1 during the last rulemaking resulting in this reach being changed to Category 2 as opposed to being excluded from Category 1 (and by default, Category 3)
18	Identify Table 13.2 in the standards	Low	Low	2011	No reference in standards for table
19	Remove or define astericks in lake beneficial uses	Low	Low	2011	No reference in standards

Utah Water Quality Standards Future Triennial Review Topics

No.	Standards Issues	DWQ LOE	Priority	When	Notes
1	State-wide nutrient criteria: numeric nutrient criteria for casual and response variables for streams/rivers and lakes/reservoirs	High	High	2014	Time needed to complete analyses- will be addressed in 2012
2	Variance policy - will be addressed with nutrient standards	High	High	2014	Time needed to complete analyses- will be addressed in 2012 w/ nutrient criteria
3	GSL wetlands - validation of assessment methodology	High/Med	High	2014	proceeding
4	GSL wetlands - standards revisions for different wetland types	High/Med	High	2014	MMI being validated
5	GSL indicator values/criteria	High	High	2014	Development of indicator values/criteria will streamline permitting inefficiencies and assist assessment of the GSL
6	Translator for GSL selenium standard (egg to water translator)	High/Med	High	2014	CH2MHill collating data for model refinement
7	Willard Spur nutrient criteria and beneficial uses	High	High	2014	Pending outcome of ongoing studies
8	Change the Beneficial Uses for Willard Spur north of approximately Great Salt Lake Minerals to match Bear River Migratory Bird Refuge Beneficial Uses	Med/High	High	2014	Pending outcome of ongoing studies
9	Jordan River temperature/beneficial uses	High	High	2014	post TMDL
10	Jordan River site-specific TDS	High	High	2014	post TMDL

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11	Change beneficial uses of Salteratus Creek from 3A to 3D	Low	Low	2014	DWQ no longer assesses Salteratus Creek, TMDL has most of work done.
12	Change beneficial use of Recapture Reservoir from 3A to 3B	Low	Medium	2014	Recommendation of TMDL
13	Develop a mixing policy for wetlands including effluent-dominated wetlands	High	High	2014	Current EPA Region 8 policy is no mixing zones for wetlands
14	Delete pH and DO standards for all wetlands. Replace with a multi-metric index type approach.	Med/High	High	2014	Pending validation and applicability of MMI
15	Develop an action planning process when an MMI Analysis does not show a wetland meets an acceptable quality level as compared to the reference wetland. This would include the an analysis of beneficial use protection and would be in conformance with recommendations from the National Academy of Sciences TMDL Report (see page 49).	Med	High	2014	Pending validation and applicability of MMI
16	Update the hardness-based zinc criteria	Medium	Low	2014	

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18	Assess Biotic ligand model for inclusion into copper aquatic life standards	Medium	Low	2014	
19	Assess Biotic ligand model for inclusion into zinc aquatic life standards	Medium	Low	2014	
20	Methylmercury criterion	Medium	High	2014	Multiple implementation considerations, implementation methods should be developed prior to adopting tissue-based std
21	Methylmercury criterion Implementation	High	High	2014	Need implementation methods prior to promulgating methyl mercury standard
22	Revised temperature criteria and assessment methodology	High/Med	Medium	2014	New temperature listings could have a low priority (unless waterbody is receiving a thermal discharge), and potentially be delisted once standards are revised. May be able to build on approaches used by other states. Should include an allowance for excursions due to unusual weather. Can work with TMDL group to develop rationale for site-specific standards proposals until a state-wide approach can be developed
23	TDS - explore dividing the agricultural use into livestock and irrigation and the necessary criteria to adopt those uses (e.g. adoption of EC/SAR criteria for irrigation, criteria for livestock)	High	Medium	2014	Can work with TMDL group to develop rationale for site-specific standards proposals until a state-wide approach can be developed; Montana rules being challenged in court 2010.
24	Sediment (Quantity) Criteria	High	Medium	2014	

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25	Implement identification numbers to provide consistency between standards, assessment, and TMDLs (e.g., NHD)	Medium	High	2014	Need to decide on best identifier. Small LOE from WQS Workgroup, large effort DWQ to implement
26	Develop tiered aquatic life beneficial uses	High	Medium		
27	Review Beneficial Use Class 3C	Medium	Low		Review the distinction between game and nongame fish
28	Sediment quantity criteria for GS	High	Low		