

# January 2017 Draft

WQCD Roadmap																																					
Activity	Task Type	Task-Subtype	2017				2018				2019				2020				2021				2022				2023				2024				2025		
			Q1	Q2	Q3	Q4	Q1	Q2																													
<b>Cadmium</b>																																					
Cadmium Colorado/Warmwater Criteria Calculations	Criteria Dev	Study																																			
Cadmium Criteria Development/TAC	Criteria Dev	Outreach																																			
Cadmium Draft Criteria	Criteria Dev	Draft Criteria																																			
Cadmium Rulemaking Hearing (2021)	Hearing	RMH																																			
<b>Arsenic</b>																																					
Arsenic Criteria Development/TAC	Criteria Dev	Outreach																																			
Arsenic Draft Criteria	Criteria Dev	Draft Criteria																																			
Arsenic Rulemaking Hearing (2021)	Hearing	RMH																																			
<b>Ammonia</b>																																					
UT/USU Mussels/Snails Distribution Study	Criteria Dev	Study																																			
Toxicity Study/Colorado Criteria	Criteria Dev	Study																																			
Ammonia R8 Lagoons Feasibility Study	Feasibility	Study																																			
Ammonia Criteria Development/TAC	Criteria Dev	Outreach																																			
Ammonia Draft Criteria	Criteria Dev	Draft Criteria																																			
Ammonia Treatment Competition & Feasibility Study	Feasibility	Study																																			
Ammonia Implementation Strategies*	CW Implementation	Permits/Assessment/R&P																																			
Ammonia Rulemaking Hearing (2027)	Hearing	RMH																																			
<b>Temperature</b>																																					
TBD Temperature Study	Criteria Dev	Study																																			
Temperature DSV Study	Feasibility	Study																																			
Temperature Criteria Development/TAC	Criteria Dev	Outreach																																			
Temperature Draft Criteria	Criteria Dev	Draft Criteria																																			
Temperature Treatment Competition & Feasibility Study	Feasibility	Study																																			
Temperature Implementation Strategies*	CW Implementation	Permits/Assessment/R&P																																			
Temperature Rulemaking Hearing (2021 or 2022)	Hearing	RMH																																			
<b>Selenium</b>																																					
USGS/CPW Fish-Tissue Studies	Criteria Dev	Study																																			
Targeted Trophic Transfer Study	Criteria Dev	Sampling																																			
Selenium Criteria Development/TAC	Criteria Dev	Outreach																																			
Selenium Draft Criteria	Criteria Dev	Draft Criteria																																			
Selenium Treatment Competition & Feasibility Study	Feasibility	Study																																			
Selenium Implementation Strategies*	CW Implementation	Permits/Assessment/R&P																																			
Selenium Rulemaking Hearing (2027)	Hearing	RMH																																			
<b>Lakes Nutrients</b>																																					
Warm Lakes Criteria Revision Sampling	Criteria Dev	Sampling																																			
HABS sampling	Criteria Dev	Sampling/Study																																			
Lakes Nutrients Criteria Development/TAC	Criteria Dev	Outreach																																			
Lakes Nutrients Draft Criteria	Criteria Dev	Draft Criteria																																			
Lakes Nutrients Site-Specific Standards Development	CW Implementation																																				
Lakes Nutrients Implementation Strategies*	CW Implementation	Assessment/R&P																																			
Lakes Nutrients Rulemaking Hearing (2022)	Hearing	RMH																																			
<b>Streams Nutrients</b>																																					
Primary Production Indicator Method/Data Summary	Criteria Dev	Study																																			
Targeted/Algal Community Sampling	Criteria Dev	Sampling																																			
Streams Nutrients Criteria Development/TAC	Criteria Dev	Outreach																																			



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Activity	2025		2026		2027		2028						Notes			
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		Q3	Q4	
<b>Cadmium</b>																
Cadmium Colorado/Warmwater Criteria Calculations																
Cadmium Criteria Development/TAC																
Cadmium Draft Criteria																
Cadmium Rulemaking Hearing (2021)																Adopted in Reg 31 and all Basins.
<b>Arsenic</b>																
Arsenic Criteria Development/TAC																
Arsenic Draft Criteria																
Arsenic Rulemaking Hearing (2021)																Adopted in Reg 31 and all basins concurrently.
<b>Ammonia</b>																
UT/USU Mussels/Snails Distribution Study																
Toxicity Study/Colorado Criteria																
Ammonia R8 Lagoons Feasibility Study																
Ammonia Criteria Development/TAC																
Ammonia Draft Criteria																Ammonia draft criteria is out earlier BUT we are reserving time in 2025 to revise if needed.
Ammonia Treatment Competition & Feasibility Study																The goal of this study is a Region 8 coalition. We will be working on securing funding and partners.
Ammonia Implementation Strategies*																Ammonia, selenium and streams nutrients implementation package should be worked on concurrently.
Ammonia Rulemaking Hearing (2027)																Adopted in Reg 31 and all basins concurrently.
<b>Temperature</b>																
TBD Temperature Study																Scoping for this study happening with Temperature TAC in 2017.
Temperature DSV Study																
Temperature Criteria Development/TAC																
Temperature Draft Criteria																
Temperature Treatment Competition & Feasibility Study																The goal of this study is a Region 8 coalition. We will be working on securing funding and partners.
Temperature Implementation Strategies*																
Temperature Rulemaking Hearing (2021 or 2022)																
<b>Selenium</b>																
USGS/CPW Fish-Tissue Studies																
Targeted Trophic Transfer Study																
Selenium Criteria Development/TAC																Selenium TAC meets twice. First for criteria development and second to address translation.
Selenium Draft Criteria																
Selenium Treatment Competition & Feasibility Study																The goal of this study is a Region 8 coalition. We will be working on securing funding and partners.
Selenium Implementation Strategies*																First effort in 2023 - focus on issues regarding fish tissue criteria. The second aligns with ammonia and nutr
Selenium Rulemaking Hearing (2027)																Adopted in Reg. 31 and all basins concurrently.
<b>Lakes Nutrients</b>																
Warm Lakes Criteria Revision Sampling																
HABS sampling																
Lakes Nutrients Criteria Development/TAC																
Lakes Nutrients Draft Criteria																HABs timing still uncertain. Reserving time in 2025 although may happen before.
Lakes Nutrients Site-Specific Standards Development																
Lakes Nutrients Implementation Strategies*																
Lakes Nutrients Rulemaking Hearing (2022)																Lakes nutrients criteria adopted in Reg 31 and all basins. HABs timing uncertain. Reserving time in 2027.
<b>Streams Nutrients</b>																
Primary Production Indicator Method/Data Summary																
Targeted/Algal Community Sampling																Building database to refine TN/TP criteria.
Streams Nutrients Criteria Development/TAC																

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Activity	2025		2026		2027		2028						Notes		
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		Q3	Q4
Streams Chla Draft Criteria (2022)															Plan is to adopt approved criteria.
Streams Chla Site-Specific Standards Development															
Streams Nutrients Draft Criteria (2027)															
Streams Nutrients Treatment Competition & Feasibility Study															
Streams Nutrients Implementation Strategies*															
Streams Chla Rulemaking Hearing (2022)															Adopted in Reg 31 and all basins concurrently.
Streams Nutrients Rulemaking Hearing (2027)															Adopted in Reg 31 and all basins concurrently.
<b>Reg 85</b>															
Reg 85 Workgroup (85/31.17, Phase 2, Enhanced Reg 85)															Enhanced Reg 85 could mean expanded facility coverage, enhanced monitoring or 85 limit changes.
Reg 85 Workgroup (2022 RMH with focus on NPS)															
Reg 85 Data Wrangling and Assessment															Annual Reg 85 Data Submittals due to the Division every April.
Reg 85 RMH (2017, 2020, 2023, 2027, 2028)															2027 RMH coincides with the 2027 standards RMH, 2028 is a clean up RMH for Reg 85.
<b>Feasibility</b>															
Combined Parameters Treatment Competition & Feasibility Study															
Combined Parameters Implementation Strategies*															
<b>Workgroup</b>															
Implementation Strategy Workgroup															This workgroup will coincide with all the parameter specific work on implementation strategies.
Policy Workgroup															This workgroup will address any outstanding policy issues.
<b>Updates/Outreach</b>															
Reg 85/Reg 31 Standards Update to WQCC															
Reg 85/Reg 31 Standards Update to WQF															
<b>Standards Rulemakings</b>															
Basin Rulemaking Hearing (June)															Currently reviewing the potential scope of basin RMHs from 2023-2027.
Temporary Modification Rulemaking Hearing (December)															
Reg 31 Rulemaking Hearing															
* Implementation strategies may include sector based DSVs, site specific standards development, incorporation into permit limits, assessment methods and TMDL development.															