



ADEQ 2017 Triennial Review Surface Waters and Designated Uses (Appendix B) Workgroup

December 6, 2017



- Discussion of Nov 17th minutes
- Objectives for meeting:
 - Purpose & scope review
 - Final membership
 - Topics 1 & 2 Discussion
 - Schedule of meetings
 - Deliverable & timeframe



Purpose:

- Public record of designated uses for streams, lakes, wetlands, springs and canals in Arizona
- Dictates which water quality criteria/standards apply to surface waters
- Lists designated uses (DWS, AgI, AgL) not provided by the Tributary rule (A&W, FBC/PBC, FC)
- Record keeping for designated uses of special waters (eg. OAW, AZPDES permitted, impaired)
- Record keeping of decision making over time

- **Problem:**
 - Current Appendix B list of waterbodies and designated uses need to be updated

- **Scope:**
 - Call for updates to Appendix B list of waters & designated uses
 - Discussion of federally promulgated Fish Consumption use
 - Discussion of Tributary rule

Charter Member Structure and Procedural Operation:

Member Structure. The workgroup should have between 6 and 10 members, including the ADEQ chair, Patti Spindler. The chair and the ADEQ Water Quality Division Director shall mutually agree on the number, designation, mission, scope, and membership of this workgroup and any changes. Table 1 below shows the final member list.

Name	Affiliation	Role
Patti Spindler	ADEQ	Chair
Jason Sutter	ADEQ	Co-Chair
Sandy Bahr	Sierra Club	Member
Julia Fonseca/Jim Dubois	Pima County	Member
Scott Thomas	Fennemore Craig	Member
John Meyer/Lauren Whittaker	City of Mesa	Member
Hilary Hartline	City of Phoenix	Member
Jim Kudlinski	SRP	Member
Lee Decker	AZ Mining Association	Member
Justin Bern	City of Tempe	Member
David Weedman	AZ Game & Fish	Member
Ed DePinto	AZ Homebuilders Association	Member

- How can ADEQ improve:
 - stream reach descriptions,
 - lake categories,
 - designated uses



- Are all A&Ww waters considered perennial or intermittent? Where are the definitions? Connection to ADWR listings?
- Request a better map, descriptor method or cross-reference for waterbody listings
- Any lake/stream that is considered WOTUS by ADEQ should be in Appendix B; request more clarity
- No benefit to listing a water in AppB if the uses are the same as required by the tributary rule; what belongs in Appendix B?
- Urban lakes maintained by runoff or groundwater pumping or privately owned with no significant nexus with surface waters, may not need to be listed in Appendix B (Coors & Paradise L)
- Federal definition of WOTUS is in flux; this will affect Appendix B list

- City of Mesa requests that Dobson Lake and Riverview Lake be removed from Appendix B
- ADEQ should consider including language to clarify that Appendix B waters & designated uses apply “If and to the extent that each listed water or reach constitutes a surface water.”
- Inclusion on appendix B should not be deemed a conclusive determination that a water is a WOTUS, given pending federal developments on the definition of WOTUS

- Should ADEQ add lakes and streams, not currently on Appendix B that have an:
 - 303d Impaired listing
 - AZPDES permit
 - to provide clarity to the applicable designated uses?
- Are there additional waters that should be explicitly listed in Appendix B?

- Impaired waters should be listed in Appendix B
- Do not support adding waters to AppB based on impairment determinations
- Re: AZPDES individual permits - Unless there is a need to add the A&Wedw use to a specific water, or a dispute on the applicable designated uses, no need to include such waters on Appendix B

Impaired waters, not currently in Appendix B

Water-shed	Surface Waters	Segment Description and Location (Latitude and Longitudes are in NAD 27 83)	A&Wc	A&Ww	A&We	A&W-edw	FBC	PBC	DWS	FC	AgI	AgL
MG	Arnett Creek	Headwaters to Queen Creek		A&Ww			FBC			FC		
VR	Banning Creek	Headwaters to Granite Creek	A&Wc				FBC			FC		
VR	Butte Creek	Headwaters to Miller Cr	A&Wc				FBC			FC		
MG	Cash Mine Creek	Headwaters to Hassayampa R	A&Wc				FBC			FC		
SC	Cox Gulch	Headwaters to Three R Canyon			A&We			PBC				
SR	Five Point Mountain Tributary	Headwaters to Pinto Creek at 33.22.25/			A&We			PBC				
SR	Gibson Mine Trib to Pinto Cr	Headwaters to Pinto Creek			A&We			PBC				
VR	Government Canyon	Headwaters to Granite Creek	A&Wc				FBC			FC		
SC	Humboldt Canyon	Headwaters to Alum Gulch		A&Ww			FBC			FC		
VR	Manzanita Creek	Headwaters to Granite Creek	A&Wc				FBC			FC		
VR	Miller Creek	Headwaters to Granite Creek	A&Wc				FBC			FC		
MG	Money Metals Trib	Headwaters to Unnamed trib UB1			A&We			PBC				
VR	North Fork Miller Creek	Headwaters to Miller Creek	A&Wc				FBC			FC		
VR	North Granite Creek	Headwaters to Granite Creek	A&Wc				FBC			FC		
VR	Slaughterhouse Gulch	Headwaters to Unnamed trib to Granite Creek		A&Ww			FBC			FC		
SC	Unnamed Trib (UA2) to Alum Gulch	Headwaters to Alum Gulch			A&We			PBC				
MG	Unnamed trib to Cash Mine Creek	Headwaters to Cash mine Cr	A&Wc				FBC			FC		
SC	Unnamed trib to Cox Gulch				A&We			PBC				
VR	Unnamed trib to Granite Creek (UGC)	Headwaters to Granite Creek	A&Wc				FBC			FC		
SC	Unnamed trib to Harshaw Creek	Headwaters to Harshaw Creek			A&We				PBC			
SC	Unnamed Trib to Three R Canyon				A&We			PBC				
VR	Unnamed trib to UGC (UUG)	Headwaters to Unnamed trib to Granite Creek	A&Wc				FBC			FC		
MG	Unnamed tributary to Eugene Gulch	Headwaters to Eugene Gulch			A&We			PBC				

AZPDES Permitted waters, not currently in AppB



Water	Surface Water	Segment Description	A&Wc	A&Ww	A&We	A&Wedw	FBC	PBC	FC	AgI	AgL	Comments
VR	Blowout Creek	Headwaters to Verde River			A&We			PBC				City of Cottonwood - WWTF
MG	Corgett Wash	Headwaters to Gila R				A&Wedw		PBC	FC	AgI	AgL	City of Goodyear - Corgett Wash WRF
LC	Cottonwood Wash	Headwaters to Silver Creek			A&We			PBC				Town of Snowflake WWTP
MG	Deadman Wash	Headwaters to New River confluence				A&Wedw		PBC				ANTHEM WATER CAMPUS WWTP
LC	Leroux Wash	Headwaters to the Little Colorado R			A&We			PBC				City of Holbrook-Painted Mesa WRF
SP	Mountain Mesa Drainage Way	Headwaters to San Pedro River			A&We			PBC				Town of Sierra Vista WWTP
VR	Unnamed trib to Munds Creek	Headwaters to 5000' elevation mark	A&Wc				FBC		FC			PINEWOOD COUNTRY CLUB GOLF COURSE AND DRIVING RANGE
VR	Unnamed trib to Munds Creek	5000' elevation mark to Munds Creek		a&Ww			FBC		FC			PINEWOOD COUNTRY CLUB GOLF COURSE AND DRIVING RANGE
BW	Unnamed trib to unnamed trib to Peacock Wash	Headwaters to Unnamed trib to Peacock Wash				A&Wedw		PBC				PETRO STOPPING CENTER
MG	Unnamed trib to Waterman Wash	Headwaters to Waterman Wash			A&We			PBC				City of Goodyear - Rainbow Valley WRF
MG	Unnamed wash, trib to Hassayampa River	Headwaters to Hassayampa River			A&We			PBC				Town of Buckeye-Sun Valley South WRF
MG	Unnamed Wash, trib to Queen Creek	Headwaters to Queen Creek			A&We			PBC				Entrada del Oro WWTP
MG	Unnamed Wash, trib to Winters Wash	Headwaters to Winters Wash			A&We			PBC				Balterra Wastewater Treatment Facility

- Schedule ahead:
 - Monday, Dec 18th 2-3pm, Topics #3, 4
 - Prepare & distribute draft deliverable Dec. 20th
 - Review/comment by January 4th
 - Review draft deliverable meeting: January 5-10th
 - Finalize deliverable recommendations
 - Proposed Final Deliverable: January 12, 2018

1. ADEQ is proposing the addition of federally promulgated Fish Consumption designated uses to be consistent 40 CFR 131.31, do members have any concerns regarding these additions?
2. How can ADEQ clarify the Tributary Rule (R18-11-105) to clearly define when a stream segment should have designated uses and subsequent surface water quality standards applied to it?

- 2016 Revised Water Quality Standards for Surface Waters:
http://apps.azsos.gov/public_services/Title_18/18-11.pdf
- <https://www.azleg.gov/ars/49/00221.htm>
- www.azdeq.gov
- Spindler.Patti@azdeq.gov
- 602-771-4543