APPENDIX C
ARIZONA'S 2016 IMPAIRED WATERS

This list contains assessment units that were assessed as impaired (Category 5) by ADEQ or EPA during the current and previous assessment listing cycles **(2016 listings are in bold).**

ASSESSMENT UNIT	SIZE (ACRES/MILES)	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)
Bill Williams Watershed		
Alamo Lake 15030204-0040	1414 a	Ammonia (2004), mercury in fish tissue (2002- EPA), high pH (1996)
Bill Williams River Alamo Lake to Castaneda Wash 15030204-003	35.9 mi	Ammonia (2006)
Boulder Creek Tributary at 344114/1131800 to Wilder Creek 15030202-006B	14.4 mi	Beryllium (dissolved)(2010)
Colorado-Grand Canyon Watershed		
Colorado River Parashant Canyon to Diamond Creek 15010002-003	27.6 mi	Selenium (total) and suspended sediment concentration (2004)
Kanab Creek Jump-up Canyon to Colorado River 15010003-001	12.8 m	**Selenium (total) (2016)**
Lake Powell 14070006-1130	9770 a	Mercury in fish tissue (2010- EPA)
Paria River Utah border to Colorado River 14070007-123	29.4 mi	Suspended sediment concentration (2004), E. coli (2006), **selenium (total) (2016)**
Virgin River Sullivan's Canyon to Beaver Dam Wash 15010010-004	9.7 mi	Selenium (total) (2012)
Virgin River Beaver Dam Wash to Big Bend Wash 15010010-003	10.1 mi	Selenium (total) and suspended sediment concentration (2004), E. coli (2010)
Colorado-Lower Gila Watershed		
Colorado River Hoover Dam to Lake Mohave 15030101-015	40.4 mi	Selenium (total) (2004)
Colorado River Main Canal to Mexico border 15030107-001	32.2 mi	Selenium (total) (2006)
Lake Mohave 15030101-0960	27044 a	Selenium (total) (2010)
Painted Rock Borrow Pit Lake 15070201-1010	186 a	Low dissolved oxygen (1992)

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ASSESSMENT UNIT	SIZE (ACRES/MILES)	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)
Little Colorado Watershed		
Black Canyon Lake 15020010-0180	37.4 a	Ammonia (2010)
Lyman Lake 15020001-0850	1308 a	Mercury in fish tissue (2004- EPA)
Pintail Lake 15020005-5000	25.7 a	Ammonia (2010)
Puerco River Dead Wash to Ninemile Wash 15020007-007	0.2 mi	Copper (dissolved) (2010), E. coli (2012/14)
Telephone Lake 15020005-1500	22.3 a	Ammonia (2010)
Middle Gila Watershed		
Agua Fria River Sycamore Creek to Big Bug Creek 15070102-023	9.1 mi	E. coli (2010), **selenium (total) (2016)**
Alvord Lake 15060106B-0050	27 a	Ammonia (2004)
Arnett Creek Headwaters to Queen Creek 15050100-1818	11.1 mi	Copper (dissolved) (2010)
Chaparral Park Lake 15060106B-0300	12 a	Low dissolved oxygen and E. coli (2004)
Cortez Park Lake 15060106B-0410	2 a	Low dissolved oxygen and high pH (2004)
Gila River San Pedro River to Mineral Creek 15050100-008	19.8 mi	Suspended sediment concentration (2006)
Hassayampa River Buckeye Canal to Gila River 15070103-001B	2.3 m	**E. coli (2016)**
Lake Pleasant 15070102-1100	8000 a	Mercury in fish tissue (2006- EPA)
Mineral Creek Devil's Canyon to Gila River 15050100-012B	19.6 mi	Copper (dissolved) (1992), selenium (total) (2004), low dissolved oxygen (2006)
Money Metals Trib Headwaters to Unnamed Tributary (UB1) 15070102-123	0.5 m	**Copper and zinc (2016)**
Queen Creek Headwaters to Superior WWTP discharge 15050100-014A	8.8 mi	Copper (dissolved) (2002), lead (total) (2010), selenium (total) (2012)
Queen Creek Superior WWTP discharge to Potts Canyon 15050100-014B	5.9 mi	Copper (dissolved) (2004)
Queen Creek Potts Canyon to Whitlow Canyon 15050100-014C	8.0 mi	Copper (dissolved) (2010)

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ASSESSMENT UNIT	SIZE (ACRES/MILES)	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)
Unnamed Trib to Eugene Gulch Headwaters to Eugene Gulch 15070102-1994	0.7 m	**Copper (dissolved) (2016)**
Salt Watershed		
Apache Lake 15060106A-0070	2,190 a	Low dissolved oxygen(2006) and **mercury in fish tissue (2016- EPA)**
Canyon Lake 15060106A-0250	450 a	Low dissolved oxygen(2004)
Christopher Creek Headwaters to Tonto Creek 15060105-353 *Also on Not Attaining (4A) List	8 mi	**Low dissolved oxygen (2016)**
Crescent Lake 15060101-0420	157 a	High pH (2002- EPA)
Five Point Tributary Headwaters to Pinto Creek 15060103-885	2.9 mi	Copper (dissolved) (2006)
Pinto Creek West Fork Pinto Creek to Roosevelt Lake 15060103-018C *Also on Not Attaining (4A) List	17.8 mi	Selenium (total) (2004)
Roosevelt Lake 15060103-1240	18345 a	Mercury in fish tissue (2006- EPA)
Salt River Canyon Creek to Cherry Creek 15060103-007	19.6 mi	Selenium (total) (2012/14)
Salt River Pinal Creek to Roosevelt Lake 15060103-004	7.5 mi	E. coli (2010)
Tonto Creek Tributary @ 341810/1110414 to Haigler Creek 15060105-013B	8.5 mi	Mercury in fish tissue (2010- EPA)
Tonto Creek Haigler Creek to Spring Creek 15060105-011	7.8 mi	Mercury in fish tissue (2010-EPA)
Tonto Creek Spring Creek to Rye Creek 15060105-009	19.5 mi	Mercury in fish tissue (2010-EPA)
Tonto Creek Rye Creek to Gun Creek 15060105-008	4.7 mi	Mercury in fish tissue (2010-EPA)
Tonto Creek Gun Creek to Greenback Creek 15060105-006	18.6 mi	Mercury in fish tissue (2010-EPA)
Tonto Creek (TON) Greenback Creek to Roosevelt Lake 15060105-004	2.6 m	Mercury in fish tissue (2010-EPA)

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ASSESSMENT UNIT	SIZE (ACRES/MILES)	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)
San Pedro Watershed		
Aravaipa Creek Aravaipa Cyn Wilderness - San Pedro River 15050203-004C	12.6 m	**E. coli (2016)**
Brewery Gulch Headwaters to Mule Gulch 15080301-337	1 mi	Copper (dissolved) (2004-EPA and ADEQ 2006/08)
Copper Creek Headwaters - Prospect Canyon 15050203-022A	6.6 m	**Copper and selenium (2016), cadmium, iron and zinc (2016- EPA)**
Mule Gulch Headwaters to above Lavender Pit 15080301-090A	3 mi	Copper (dissolved) (1990)
Mule Gulch Above Lavender Pit to Bisbee WWTP discharge 15080301-090B	0.8 miles	Copper (dissolved) (1990)
Mule Gulch Bisbee WWTP discharge to Highway 80 bridge 15080301-090C	3.8 mi	Copper (total and dissolved) (1990)
San Pedro River Mexico border to Charleston 15050202-008	28.3 mi	E. coli and copper (dissolved) (2010), **dissolved oxygen (2016)**
San Pedro River Babocomari Creek to Dragoon Wash 15050202-003	17 mi	E. coli (2004)
Santa Cruz Watershed		
Nogales Wash Mexico border to Potrero Creek 15050301-011	6.2 mi	Ammonia and copper (dissolved) (2004), total residual chlorine (1996), E. coli (1998)
Parker Canyon Lake 15050301-1040	130 a	Mercury in fish tissue (2004- EPA)
Potrero Creek Interstate 19 to Santa Cruz River 15050301-500B	4.9 mi	E. coli, low dissolved oxygen and total residual chlorine (2010)
Rose Canyon Lake 15050302-1260	7 a	Low pH (2004- EPA)
Santa Cruz River Canada Del Oro to HUC 15050303 15050301-001	8.6 m	**E. coli (2016)**
Santa Cruz River Josephine Canyon to Tubac Bridge 15050301-008A	4.8 mi	Ammonia and E. coli (2010)
Santa Cruz River Tubac Bridge - Sopori Wash 15050301-008B	8.9 mi	**E. coli (2016)**
Santa Cruz River Nogales WWTP - Josephine Can 15050301-009	9.1 mi	E. coli (2012/14)

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ASSESSMENT UNIT	SIZE (ACRES/MILES)	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)
Sonoita Creek 1600 feet below Patagonia WWTP discharge to Patagonia Lake 15050301-013C	8.9 mi	Zinc (total) (2004), low dissolved oxygen (1998)
Upper Gila River		
Blue River Strayhorse Creek to San Francisco River 15040004-025B	25.4 mi	E. coli (2006)
Cave Creek Headwaters to South Fork Cave Creek 15040006-852A	7.5 mi	Selenium (total) (2004)
Gila River Bonita Creek to Yuma Wash 15040005-022	5.8 mi	Lead (total) (2010)
San Francisco River Blue River to Limestone Gulch 15040004-003	18.7 mi	E. coli (2006)
San Francisco River Limestone Gulch to Gila River 15040004-001	12.8 mi	E. coli (2010)
Verde Watershed		
Bartlett Lake 15060203-0110	2376 a	**Mercury in fish tissue (2016- EPA)**
Oak Creek Spring Creek to Verde River 15060202-016	12.7 m	**E. coli (2016)**
Verde River Bartlett Dam to Camp Creek 15060203-004	6.6 mi	Arsenic (total) (2010)
Verde River Sycamore Creek to Oak Creek 15060202-025	25.2 m	**Dissolved oxygen and E. coli (2016)**
Watson Lake 15060202-1590	150 a	Nitrogen, low dissolved oxygen, high pH (2004- EPA)
Willow Creek Reservoir 15060202-1660	294 a	Ammonia (2012)

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