APPENDIX B
ASSESSMENT UNITS BY CATEGORIES

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES
Bill Williams Watershed			
Burro Creek	Francis Creek - Boulder Creek	15030202-008	13.8 m
Peoples Canyon Creek	Headwaters - Santa Maria River	15030203-524	8.2 m
Colorado/Grand Canyon Watershed			
Colorado River	Glen Canyon Dam - Lees Ferry	14070006-001	16.9 m
Colorado River	Indian Wash - Imperial Dam	15030104-001	17.0 m
Middle Gila Watershed			
Agua Fria River	State Route 169 - Yarber Wash	15070102-031B	17.8 m
Buckeye Canal (15070101)	Gila River - South Extension Canal - HUC boundry 15070103	15070101-209	4.0 m
Buckeye Feeder Canal	Unknown - Gila River	15070101-064	4.2 m
Seven Springs Wash	Headwaters - Unnamed Trib @ 33 57'58.66"/111 51'52.07"	15060106B-412	5.2 m
Salt Watershed			
Devils Chasm Creek	Tributary at 334846 / 1105235 - Cherry Creek	15060103-801B	1.6 m
Salt River	Stewart Mountain Dam - Verde River	15060106A-003	10.1 m
San Pedro Watershed			
Aravaipa Creek	Stowe Gulch - Aravaipa Wild. Bndry	15050203-004B	15.5 m
Upper Gila Watershed			
Eagle Creek	Sheep Wash - Gila River	15040005-025	41.8 m
Eagle Creek	Willow Creek - Sheep Wash	15040005-027	5.8 m
Verde Watershed			
Alder Creek	Headwaters - Verde River	15060203-910	9.3 m
East Verde River - Subcategory N	American Gulch - Verde River	15060203-022C	25.8 m
Fossil Creek	Headwaters - Verde River	15060203-024	19.9 m
Sycamore Creek (SYW)	Cedar Creek - Verde River	15060202-026	11.7 m
Verde River	Tangle Creek - Ister Flat	15060203-018	4.1 m
Walker Creek	Headwaters - Wet Beaver Creek	15060202-259	7.8 m
West Clear Creek	Meadow Canyon - Verde River	15060203-026B	23.5 m

Category 1 summary: 20 stream reaches (264 miles)

ED_013248_00000560-00001

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEEDANCES*
Bill Williams Watershed				
Big Sandy River	Stove Spring - Sycamore	15030201-006	2.8 m	E. coli, SSC, Bottom deposits
Bill Williams River	Mohave Wash - Colorado River	15030204-001	17.5 m	Dissolved Oxygen
Trout Creek	Cow Creek - Knight Creek	15030201-014	32.1 m	Dissolved Oxygen
Colorado - Lower Gila Watershed				
Castle Dome Wash	Headwaters - Gila River	15070201-024	17.4 m	
Colorado River	Bill Williams River - Osborne Wash	15030104-020	13.4 m	
Gila River	Castle Dome Wash - Fortuna Wash	15070201-003B	5.7 m	Boron, Dissolved Oxygen, E. coli, Selenium
Little Colorado Watershed				
Barbershop Canyon Creek	Headwaters - East Clear Creek	15020008-537	10.2 m	Dissolved Oxygen
Billy Creek	Headwaters - Show Low Creek	15020005-019	7.7 m	Biocriteria
Blue Ridge Reservoir		15020008-0200	290 a	pH
Chevelon Canyon	Headwaters - West Chevelon Creek	15020010-006	31.6 m	Dissolved Oxygen, Biocriteria
East Clear Creek	Yeager Canyon - Willow Creek	15020008-008	17.4 m	Biocriteria
Hall Creek	Headwaters - Little Colorado River	15020001-012	14.3 m	SSC
Little Colorado East Fork	Headwaters - Little Colorado River	15020001-230	10.6 m	
Little Colorado West Fork	Government Springs - Little Colorado River	15020001-013B	2.2 m	SSC, Bottom deposits
Little Colorado West Fork	Headwaters - Government Springs	15020001-013A	9.1 m	
Nutrioso Creek	Headwaters - Nelson Reservoir	15020001-017A	13.3 m	Copper (dissolved), Dissolved Oxygen, SSC
Rosey Creek	Headwaters - Benny Creek @ 34 02'28.72"/109 27'24.3"	15020001-222	3.1 m	SSC, Biocriteria
Show Low Creek	Headwaters - Linden Wash	15020005-012	19.5 m	SSC, Biocriteria, Bottom deposits
Silver Creek	Headwaters - Show Low Creek	15020005-013	33.6 m	Biocriteria
Silver Creek	Show Low Creek - Cottonwood	15020005-009	10.7 m	Dissolved Oxygen, E. coli, SSC, Bottom deposits, Biocriteria
South Fork Little Colorado	Headwaters - Little Colorado River	15020001-027	11.9 m	Nitrogen
Middle Gila Watershed				
Buckeye Canal (15070103)	HUC boundary 15070103 - Hassayampa River	15070103-090	3.9 m	Boron
Hassayampa River	Cottonwood Creek - Martinez Wash	15070103-004	32.1 m	Bottom deposits
Hassayampa River	Sols Wash - 8 Miles below Wickenburg	15070103-002A	9.2 m	Dissolved Oxygen, E. coli, Bottom deposits

ED_013248_00000560-00002

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEEDANCES*
Little Ash Creek (LAS)	Headwaters - Ash Creek	15070102-039	17.7 m	E. coli
Little Sycamore Creek	Headwaters - Sycamore Creek	15070102-615	8.4 m	E. coli, Bottom deposits
Salt River	23rd Avenue WWTP outfall - Gila River	15060106B-001D	11.4 m	Selenium
Sycamore Creek (SYD)	Tank Canyon - Agua Fria River	15070102-024B	17.6 m	E. coli
Salt Watershed				
Bear Wallow Creek	North and South Forks of Bear Wallow - Indian Res.	15060101-023A	5.9 m	Biocriteria, Bottom deposits
Big Lake		15060101-0160	440 a	pH
Black River	Beaver Creek - Reservation Creek	15060101-007	13.1 m	SSC
Black River East Fork	Headwaters - Black River	15060101-009	26.7 m	E. coli, SSC, Biocriteria
Boggy Creek (BGY)	Headwaters - Centerfire Creek	15060101-361	7.1 m	E. coli
Canyon Creek	Headwaters - White Mtn. Apache	15060103-014	8.6 m	
Centerfire Creek	Headwaters - Black River	15060101-356	8.7 m	
Cherry Creek	TribUTARY AT 340509 / 110560 - SALT RIVER	15060103-015B	40.9 m	E. coli, Lead, SSC, Phosphorus
Conklin Creek	Headwaters - Black River	15060101-026	7.4 m	Dissolved Oxygen, E. coli, Phosphorus
Cottonwood Gulch	Headwaters - Pinto Creek	15060103-891	1.9 m	
Coyote Creek (COY)	Headwaters - East Fork Black	15060101-027	8.9 m	E. coli
Gold Gulch	Headwaters - Pinto Creek	15060103-894	3.3 m	pH
Haigler Creek	Headwaters - Trib at 341223 / 1110011	15060105-012A	15.4 m	E. coli
Haigler Creek	Trib at 341223.1 / 1110011 - Tonto Creek	15060105-012B	7.8 m	E. coli, SSC
Hannagan Creek	Headwaters - Beaver Creek	15060101-034	7.2 m	
Reservation Creek	Headwaters - Indian Reservation	15060101-010	3.3 m	
Reynolds Creek	Headwaters - Workman Creek	15060103-202	6.8 m	Dissolved Oxygen, E. coli, Biocriteria
Stinky Creek	Headwaters - Fort Apache Reservation	15060101-352A	2.1 m	Nitrogen, Bottom deposits
Unnamed Trib To Black R NF of EF	Headwaters - Black River NF of EF	15060101-325	5.1 m	Dissolved Oxygen, SSC, Nitrogen, Biocriteria
Wildcat Creek (WLD)	Headwaters - Centerfire Creek	15060101-362	6 m	Nitrogen

ED_013248_00000560-00003

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEED-ANCES*
Workman Creek	Headwaters - Reynolds Creek	15060103-195A	7.1 m	
San Pedro Watershed				
Bass Canyon	Tributary at 322606 / 110131	15050203-899B	7.9 m	
Buehman Canyon	Headwaters - end of Unique Water	15050203-010A	10.5 m	Dissolved Oxygen, E. coli
Copper Creek	Prospect Canyon - San Pedro	15050203-022B	8.3 m	
Grant Creek	Headwaters - Tributary at 323809 / 1095635	15050201-033A	6.8 m	Biocriteria
Hot Springs Canyon	Headwaters - San Pedro River	15050203-013	25.9 m	Bottom deposits
Miller Canyon	Headwaters - Broken Arrow Ranch	15050202-409A	4.3 m	Biocriteria
Ramsey Canyon	Headwaters - Forest road 110	15050202-404A	4.4 m	Biocriteria
San Pedro River	Charleston - Walnut Gulch	15050202-006	8.9 m	Bottom deposits
San Pedro River	Peppersauce Wash - Aravaipa	15050203-003	21.3 m	Dissolved Oxygen, E. coli, SSC, Selenium, Bottom deposits
Turkey Creek	Headwaters - Rock Creek	15050201-002A	13.9 m	Biocriteria
Santa Cruz Watershed				
Cienega Creek	Empire Gulch - USGS Gage station (Pantano Wash)	15050302-006B	28.8 m	Dissolved Oxygen, Bottom deposits
Patagonia Lake		15050301-1050	231 a	Dissolved Oxygen, Manganese
Sabino Creek	Tributary at 322328 / 1104700 - Tanque Verde Wash	15050302-014B	14.1 m	Arsenic, Lead, Manganese
Santa Cruz River	Roger Road WWTP Outfall - Intermittent Reach	15050301-003B	2.9 m	Ammonia
Santa Cruz River	HUC 15050303 Boundary - Baumgartner Road	15050303-005A	24.5 m	Ammonia, E. coli, lead, selenium
Upper Gila Watershed				
Blue River (BLR)	KP Creek - Strayhorse Creek	15040004-025A	3.8 m	E. coli, SSC
Blue River (BLR)	New Mexico border - KP Creek	15040004-026	21.4 m	Biocriteria
Bonita Creek	Park Creek - Gila River	15040005-030	14.6 m	
Campbell Blue Creek	Headwaters - Blue River	15040004-028	19.7 m	Copper (dissolved)
Coleman Creek	Headwaters - Campbell Blue	15040004-040	7.3 m	
Eagle Creek	Headwaters - Tributary at 33°22'31.98"/109°29'43.14"	15040005-028A	11.8 m	Dissolved Oxygen, E. coli, Biocriteria
East Eagle Creek	Headwaters - Eagle Creek	15040005-1367	14.2 m	
East Turkey Creek	Headwaters - Tributary at 31°58'22.21"/109°12'20.00"	15040006-837A	7.8 m	
Frye Canyon Creek	Headwaters - Frye Mesa Reser	15040005-988A	5 m	Dissolved Oxygen

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEED-ANCES*
Gila River	Underwood Wash - Bylas Salt	15040005-012	9.2 m	Boron, E. coli, SSC
K P Creek	Headwaters - Blue River	15040004-029	12.1 m	Dissolved Oxygen, Biocriteria
North Fork Cave Creek	Headwaters - Cave Creek	15040006-856	5.6 m	
San Francisco River	Headwaters - New Mexico border	15040004-023	13.1 m	Dissolved Oxygen, E. coli
San Francisco River	New Mexico border - Blue River	15040004-004	20.9 m	Bottom deposits
Stone Creek	Headwaters - New Mexico border	15040004-057	5.8 m	SSC
Verde Watershed				
East Verde River	Ellison Creek - American Gulch	15060203-022B	20.3 m	E. coli
East Verde River	Headwaters - Ellison Creek	15060203-022A	8.1 m	Biocriteria
Ellison Creek	Headwaters - East Verde River	15060203-459	10.8 m	E. coli, Biocriteria
Pine Creek (PIE)	Headwaters - Unnamed Trib	15060203-049A	8.5 m	
Pine Creek (PIE)	Unnamed Trib at 342151/1112646 - East Verde River	15060203-049B	11.9 m	E. coli, Biocriteria
Roundtree Canyon Creek	Headwaters - Tangle Creek	15060203-853	10.7 m	E. coli
Verde River	15060202 - 065 - Railroad Dr	15060202-037	10.7 m	Arsenic, Dissolved Oxygen
Verde River	Hell Canyon - 15060202 - 065	15060202-038	6 m	Dissolved Oxygen, pH
Verde River	Oak Creek - Beaver Creek	15060202-015	12.2 m	Arsenic, Dissolved Oxygen, E. coli, SSC
Verde River	Wet Bottom Mesa - Tangle Creek	15060203-019	8.2 m	Selenium
Webber Creek	Headwaters - East Verde River	15060203-058	14.3 m	E. coli
Wet Beaver Creek	Long Canyon - Rarick	15060202-004	6.5 m	E. coli
Wet Beaver Creek	Rarick - Dry Beaver Creek	15060202-003	6.6 m	Arsenic, E. coli

Category 2 summary: 3 lakes (961 acres), 89 stream reaches (1067 miles)

*Parameters with exceedances observed in monitoring data. Sites with no exceedances are in this category due to insufficient information to determine full attainment (data gaps).

ED_013248_00000560-00005

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEEDANCES*
Colorado/Grand Canyon Watershed				
Cataract Lake		15010004-0280	38 a	
Colorado River	Unnamed Trib @ 360554.796/1120435.253 - Bright Angel Creek	15010001-001	1.1 m	SSC
Dogtown Reservoir		15010004-0480	70 a	
Havasu Creek	Unnamed Trib @ 36°18'02"/112°45'14" - Colorado River	15010004-001B	0.9 m	Selenium (dissolved)
Kaibab Lake		15010004-0710	61 a	
Kanab Creek	Johnson Wash - Jacob Canyon	15010003-013	4.2 m	
Virgin River	Black Rock Gulch - Sullivans Canyon	15010010-006	10.3 m	Bottom deposits
Colorado - Lower Gila Watershed				
Gila Gravity Main Canal	Imperial Dam - HUC Boundary 15070201	15030107-292	11.9 m	
Gila River	Coyote Wash - Castle Dome Wash	15070201-003A	22.5 m	Boron, Dissolved Oxygen, Selenium
Lake Havasu		15030101-0590	19780 a	Selenium
Little Colorado Watershed				
Bear Canyon Lake - Subcategory N		15020008-0130	55 a	Dissolved Oxygen, Iron (dissolved), pH
Carnero Lake		15020001-0260	67 a	
Chevelon Canyon	Black Canyon - Little Colorado River	15020010-001	19.3 m	Dissolved Oxygen
Clear Creek	Sand Draw - Little Colorado	15020008-006	35.5 m	
Colter Creek	Headwaters - Nutrioso Creek	15020001-293	8.6 m	
Knoll Lake		15020008-0750	59 a	
Lee Valley Creek	Headwaters - Lee Valley Reservoir	15020001-232A	1.6 m	
Lee Valley Reservoir		15020001-0770	38 a	pH, Nitrogen
Little Colorado River	Carnero Creek - Coyote Creek	15020001-007	3.1 m	
Little Colorado River	Chevelon Creek - Cottonwood Wash	15020008-014	8.5 m	
Little Colorado River	34°59'17.66"/110°37'14.43" - Jacks Canyon	15020008-005	1.8 m	
Little Colorado River	HUC 15020001 boundary - reach 15020002-025	15020002-024	13.9 m	Dissolved Oxygen, SSC
Little Colorado River	Milky Wash - Silver Creek	15020002-005	16.5 m	Dissolved Oxygen, E. coli, SSC
Little Colorado River	West Fork Little Colorado -Water Canyon	15020001-011	19.8 m	

ED_013248_00000560-00006

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEED-ANCES*
Little Colorado River	reach 15020002-025 - Big Hollow Wash	15020002-023	16.3 m	Dissolved Oxygen, SSC
Nelson Reservoir		15020001-1000	67 a	pH
River Reservoir		15020001-1220	141 a	
Rudd Creek	Headwaters - Nutrioso Creek	15020001-026	10.6 m	Copper (dissolved), Dissolved Oxygen
Silver Creek	SevenMilesDr - Little Colorado River	15020005-001	9.3 m	Dissolved Oxygen, E. coli, SSC
Walnut Creek (WAN)	Pine Lake - Billy Creek	15020005-238	6.2 m	Lead (dissolved)
Willow Springs Lake		15020010-1670	160 a	Dissolved Oxygen, pH
Woods Canyon Creek	Headwaters - Chevelon Creek	15020010-084	12.9 m	Dissolved Oxygen
Woods Canyon Lake -Subcategory N		15020010-1700	70 a	Dissolved Oxygen, Iron (dissolved), Lead (dissolved), pH
Middle Gila Watershed				
Arizona Canal (15070102)	HUC boundary 15070102 - Gila River	15070102-202	4.5 m	
Big Bug Creek	Eugene Gulch - Agua Fria River	15070102-034B	23.3 m	Arsenic, Copper, Copper (dissolved), Lead, Lead /(dissolved)
Cave Creek	Headwaters - Cave Creek Dam	15060106B-026A	32.9 m	
Cedar Canyon (Cedar Cr)	Headwaters - Turkey Creek	15070102-053	11.6 m	Copper, Lead
Encanto Park Lake		15060106B-0510	8 a	
Eugene Gulch	Headwaters - Big Bug Creek	15070102-768	3.1 m	Copper (dissolved), Lead, pH
Indian Bend Wash	Headwaters - Salt River	15060106B-179	4.8 m	
Lynx Lake		15070102-0860	49 a	Arsenic, Manganese
Mineral Creek (MNR)	Headwaters - Cedar Canyon Creek	15070102-823	4 m	
Peachville Wash	Headwaters - Fortuna Wash	15050100-1846	2.1 m	
Peck Canyon	Headwaters - Bear Creek	15070102-858	7 m	
Salt River	33 26'4.257"/111 54'33.886" - 33 25'58.366"/111 56'55.923"	15060106B-003C	2.5 m	Dissolved Oxygen, E. coli, pH
Skunk Creek	Headwaters - Agua Fria River	15070102-003	30.4 m	Copper (dissolved)
Tempe Town Lake		15060106B-1588	220 a	E. coli, pH
Unnamed Trib To Dry Mineral Cr	Headwaters - Dry Mineral Creek	15050100-212	1.4 m	Copper (dissolved)
Unnamed Trib To Turkey Creek	Headwaters - Turkey Creek	15070102-910	1.3 m	

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEED-ANCES*
Waterman Wash	West Prong Waterman Wash - Gila River	15070101-011	16.5 m	Lead
Salt Watershed				
Big Canyon	Headwaters - Tonto Creek	15060105-373	4.4 m	E. coli
Black River West Fork	Indian Reservation Boundary - Black River	15060101-048	14.6 m	
Deer Creek (D4E)	Headwater - Rye Creek	15060105-018	11.9 m	
Gordon Canyon Creek	Headwaters - Hog Canyon	15060105-336A	12.7 m	
Pinal Creek	Lower Pinal Creek WTP Discharge - See Ranch Crossingr	15060103-280D	1.8 m	
Pinal Creek	See Ranch Crossing - Unnamed Trib @ 33 35 28/110 54 31	15060103-280E	4.4 m	
Rye Creek	Headwaters - Tonto Creek	15060105-014	17.8 m	
Saguaro Lake		15060106A-1290	1022 a	
Thompson Draw	Headwaters - Billy Creek	15060105-378	7.1 m	E. coli
Unnamed Trib To Thompson Draw	Headwaters - Thompson Draw	15060105-379	0.8 m	
West Fork Pinto Creek	Headwaters - Pinto Creek	15060103-066	11.6 m	Dissolved Oxygen
San Pedro Watershed				
Big Creek	Headwaters - Grant Creek	15050201-312	8.7 m	Dissolved Oxygen
Dodson Wash	Headwaters - San Pedro River @ 32 53'20.15"/110 43'35.65"	15050203-026	9.7 m	
San Pedro River	Dragoon Wash - Tres Alamos Wash	15050202-002	15.5 m	
Santa Cruz Watershed				
Davidson Canyon	Headwaters - Spring at 315900/1103846	15050302-153A	13.6 m	
Santa Cruz River	Mexican border - Nogales WWTP	15050301-010	17 m	Dissolved Oxygen, E. coli
Sonoita Creek	Patagonia WWTP Outfall - 1600 Feet Below	15050301-013B	0.3 m	
Upper Gila Watershed				
Bob Thomas Creek	Headwaters - Stone Creek	15040004-1125	1.3 m	E. coli
Cluff Ranch Pond #3		15040005-0370	15 a	
Dankworth Lake		15040006-0440	8 a	
Gila River	Yuma Wash - San Simon Creek	15040005-020	7.8 m	SSC, Bottom deposits
Lengthy Canyon	Headwaters - Strayhorse Creek	15040004-104	2.9 m	Dissolved Oxygen
Little Creek	Headwaters - San Francisco River	15040004-045	4.9 m	
Roper Lake		15040006-1250	26 a	

ED_013248_00000560-00008

SURFACE WATER	REACH DESCRIPTION	REACH/LAKE NUMBER	ACRES/ MILES	PARAMETERS WITH EXCEEDANCES*
Unnamed Trib To Cave Creek	Headwaters - Cave Creek	15040006-861	3.7 m	
Unnamed Trib To Little Strayhorse	Headwaters - Little Strayhorse Creek	15040004-617	1.8 m	
Verde Watershed				
American Gulch	Headwaters - No. Gila Co. WWTP	15060203-448A	2.6 m	
American Gulch	No. Gila County WWTP - East Verde River	15060203-448B	3.6 m	E. coli
Beaver Creek	Dry Beaver Creek - Verde River	15060202-002	9.3 m	
Bray Creek	Headwaters - Webber Creek	15060203-502	3.6 m	
City Creek	Headwaters - East Verde River	15060203-036	6.7 m	
Dripping Springs	Springs Headwater - East Verde River	15060203-524	0 m	
Goldwater Lake (Upper)		15060202-0575	21 a	
Granite Creek	Watson Lake - Willow Creek @ 3436'54.59"/11225'8.66"	15060202-059C	1.6 m	Dissolved Oxygen
Mail Creek	Headwaters - East Verde River	15060203-485	1.8 m	Dissolved Oxygen
Patton Spring Draw	Headwaters - Webber Creek	15060203-506	2.2 m	Dissolved Oxygen
Sycamore Creek (SYE)	Headwaters - East Verde River	15060203-880	7.7 m	
Sycamore Creek (SYM)	Headwaters - Verde River	15060203-002	34.6 m	
Verde River	15060203 boundary - West Clear Creek	15060203-027	6.4 m	
Verde River	Beaver Creek - 15060203 boundary	15060202-001	1.1 m	
Verde River	Granite Creek - Hell Canyon	15060202-052	16.4 m	Arsenic, Dissolved Oxygen, E. coli
Verde River	West Clear Creek - Fossil Creek	15060203-025	23.6 m	E. coli, SSC
Webber Spring	Spring Headwater - Webber Creek	15060203-516	0 m	
West Fork Oak Creek	Headwaters - Oak Creek	15060202-020	15.8 m	pH
Whitehorse Lake		15060202-1630	41 a	

Category 3 summary: 21 lakes (22015 acres), 74 stream reaches (692 miles)

*Parameters with exceedances observed in monitoring data. Sites with no exceedances are in this category due to insufficient information to determine full attainment (datagaps).

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	Sub cat-egory	CAUSE OF IMPAIRMENT
Bill Williams Watershed			
Boulder Creek / Wilder Creek - Butte Creek / 15030202-005A	1.4 m	4A	Arsenic, copper, and zinc (1998); Beryllium, manganese, and low pH (2006/2008)
Boulder Creek / Butte Creek - Copper Creek / 15030202-005B	1.8 m	4A	Arsenic (1998)
Little Colorado Watershed			
Lake Mary (Lower) / 15020015-0890	764 a	4A	Mercury in fish tissue (EPA 2002)
Lake Mary (Upper) / 15020015-0900	861 a	4A	Mercury in fish tissue (EPA 2002)
Little Colorado River / Coyote Creek - Lyman Lake / 15020001-005	3.4 m	4A	Turbidity / SSC (1998)
Little Colorado River / Nutrioso Creek - Carnero Creek / 15020001-009	12.1 m	4A	Turbidity / SSC (1998)
Little Colorado River / Silver Creek - Carr L Wash / 15020002-004	6.1 m	4A	SSC (2006/8) and E. coli (2004)
Little Colorado River / Water Canyon - Nutrioso Creek / 15020001-010	3.8 m	4A	Turbidity / SSC (1998)
Long Lake (Lower) / 15020008-0820	323 a	4A	Mercury in Fish Tissue (2004)
Nutrioso Creek / Nelson Reservoir - Picnic Creek / 15020001-017B	13.5 m	4A	Turbidity/SSC (1998)
Nutrioso Creek / Picnic Creek - Little Colorado River / 15020001-015	3.5 m	4A	Turbidity/SSC (1998)
Rainbow Lake / 15020005-1170	110 a	4A	Narrative nutrients, pH and Dissolved Oxygen (1992)
Soldier Annex Lake / 15020008-1430	122 a	4A	Mercury in fish tissue (EPA 2004)
Soldier Lake / 15020008-1440	28 a	4A	Mercury in fish tissue (EPA 2004)
Middle Gila Watershed			
French Gulch / Headwaters - Hassayampa River / 15070103-239	9.8 m	4A	Cadmium, copper, and zinc (2004)
Gila River / Hassayampa River - Gillespie Dam / 15070101-008	5.3 m	4A	Selenium (2004), Boron (1992)
Gila River / Waterman Wash - Hassayampa River / 15070101-010	13.9 m	4A	Selenium (2016)
Hassayampa River / Buckeye Canal - Gila River / 15070103-001B	2.3 m	4A/5	E. coli (5) and selenium (4A) (2016)
Hassayampa River / Headwaters - Copper Creek / 15070103-007A	11 m	4A	Low pH (2006/8); Zinc, cadmium, and copper (1992)
Turkey Creek / Tributary at 341928 / 1122128 - Poland Creek / 15070102-036B	21 m	4A	Copper and lead (1992)
Salt Watershed			
Christopher Creek / Headwaters - Tonto Creek / 15060105-353	8 m	4A/5	E. coli (2004) (4A), Dissolved Oxygen (2016) (5)
Gibson Mine Tributary / Headwaters - Pinto Creek / 15060103-887	1.1 m	4A	Copper (2006/8)
Pinto Creek / Headwaters - Trib at 331927 / 1105456 / 15060103-018A	2.5 m	4A	Copper (1998)

ED_013248_00000560-00010

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	Sub cat-egory	CAUSE OF IMPAIRMENT
Pinto Creek / Trib at 331927 / 1105456 - West Fork Pinto Creek / 15060103-018B	15.3 m	4A	Copper (1998)
Pinto Creek / West Fork Pinto Creek - Roosevelt Lake / 15060103-018C	18.4 m	4A/5	Selenium (2004) (5) and copper (1998) (4A)
Tonto Creek (TON) / Headwaters - Tributary at 341810 / 1110414 / 15060105-013A	8.1 m	4A	E. coli (2004)
Tonto Creek (TON) / Tributary at 341810 / 1110414- Haigler Creek / 15060105-013B	8.5 m	4A/5	Mercury in fish tissue (EPA 2010) (5), E. coli (2004) (4A)
San Pedro Watershed			
San Pedro River / Aravaipa Creek - Gila River / 15050203-001	13.3 m	4A	E. coli (2004)
Santa Cruz Watershed			
Alum Gulch / Headwaters - 312820 / 1104351 / 15050301-561A	0.3 m	4A	Low pH, zinc, copper, and cadmium (1996)
Alum Gulch / 312820 / 1104351 - 312917 / 1104425 / 15050301-561B	1.4 m	4A	Low pH, zinc, copper, and cadmium (1996)
Alum Gulch / 312917 / 1104425 - Sonoita Creek / 15050301-561C	2.3 m	4A	Low pH, zinc, copper, and cadmium (1996)
Arivaca Lake / 15050304-0080	118 a	4A	Mercury in fish tissue (1996)
Cox Gulch / Headwaters - Three R Canyon / 15050301-560	2.3 m	4A	Cadmium (2002); beryllium, copper, zinc, and pH (1996)
Harshaw Creek / Headwaters - 312743 / 1104321 / 15050301-025A	3 m	4A	Copper and pH (1992)
Humboldt Canyon / Headwaters - Alum Gulch / 15050301-340	2.6 m	4A	Low pH, zinc, copper, and cadmium (1996)
Lakeside Lake / 15050302-0760	15 a	4A	Ammonia, Dissolved Oxygen, and pH (2004); Chlorophyll, nitrogen, and phosphorus (EPA 2004)
Pena Blanca Lake / 15050301-1070	51 a	4A	Mercury in fish tissue (1996)
Santa Cruz River / Canada Del Oro - HUC 15050303 / 15050301-001	8.6 m	4B/5	Ammonia (2010) (4B), E. coli (2016) (5)
Three R Canyon / Headwaters - 312819 / 1104556 / 15050301-558A	2.3 m	4A	Cadmium (2002); copper, zinc, and pH (1996)
Three R Canyon / 312835 / 1104619 - 312827 / 1104712 (intermittent flow) / 15050301-558B	1 m	4A	Cadmium (2002); beryllium, copper, zinc, and pH (1996)
Three R Canyon / 312827 / 1104712 - Sonoita Creek / 15050301-558C	3 m	4A	Cadmium (2002); copper, zinc, and pH (1996)
Unnamed Trib (UA2) to Alum Gulch / Headwaters - Alum Gulch / 15050301-641	0.3 m	4A	Zinc and copper (2012)
Unnamed Trib to Cox Gulch / Headwaters - Cox Gulch / 15050301-890	1 m	4A	Cadmium (2002); copper, zinc, and pH (1996)
Unnamed Trib to Harshaw Creek / Headwaters - Harshaw Creek / 15050301-888	2 m	4A	Copper and pH (1992)

ED_013248_00000560-00011

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	Sub cat-egory	CAUSE OF IMPAIRMENT
Unnamed Trib to Three R Canyon / Headwaters - Three R Canyon / 15050301-889	2 m	4A	Cadmium (2002); copper, zinc, and pH (1996)
Upper Gila Watershed			
Gila River / Cottonwood Creek - San Francisco River / 15040002-001	15.2 m	4A	E. coli (2010)
Gila River / Apache Creek - Cottonwood Creek/ 15040002-002	6.4 m	4A	E. coli (2010)
Gila River / New Mexico border - Bitter Creek / 15040002-004	16.3 m	4A	E. coli and SSC (2006/8)
Gila River / Bonita Creek - Yuma Wash / 15040005-022	5.8 m	4A/5	Lead (5) (2010), E. coli (4A) (2004) and SSC (4A) (EPA 2004)
Luna Lake / 15040004-0840	120 a	4A	pH, Dissolved Oxygen, nutrients and ammonia (1992)
Verde Watershed			
Aspen Creek / Headwaters - Granite Creek / 15060202-769	5.8 m	4A	E. coli (2016)
Banning Creek / Headwaters - Granite Creek / 15060202-774	6.2 m	4A	E. coli (2016)
Butte Creek / Headwaters - Miller Creek / 15060202-768	6.3 m	4A	E. coli (2012/14)
Government Canyon / Headwaters - Granite Creek / 15060202-775	4.4 m	4A	E. coli (2016)
Granite Creek / Headwaters - Yavapai Reservation / 15060202-059A	6.2 m	4A	E. coli (2010)
Granite Creek / Yavapai Reservation - Watson Lake / 15060202-059B	2.8 m	4A	E. coli (2010)
Manzanita Creek / Headwaters - Granite Creek / 15060202-772	2.8 m	4A	E. coli (2012/14)
Miller Creek / Headwaters - Granite Creek / 15060202-767	7.2 m	4A	E. coli (2010)
North Fork Miller / Headwaters - Miller Creek / 15060202-013	1.4 m	4A	E. coli (2016)
North Granite Creek / Headwaters - Granite Creek / 15060202-757	1.6 m	4A	E. coli (2016)
Oak Creek / Dry Creek - Spring Creek / 15060202-017	10 m	4A	E. coli (2006)
Oak Creek / Headwaters - West Fork Oak Creek / 15060202-019	7.4 m	4A	E. coli (2006)
Oak Creek / Slide Rock boundary - Dry Creek / 15060202-018C	20 m	4A	E. coli (2006)
Oak Creek / West Fork Oak Creek - Trib at 345709 / 1114513 / 15060202-018A	5 m	4A	E. coli (2006)
Oak Creek / Tributary at 345709 / 1114513 - Slide Rock SP / 15060202-018B	1.5 m	4A	E. coli (2006)
Peck's Lake / 15060202-1060	95 a	4A	Low Dissolved Oxygen and high pH (1998)

ED_013248_00000560-00012

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	Sub cat-egory	CAUSE OF IMPAIRMENT
Slaughterhouse Gulch / Headwaters - Granite Creek / 15060202-777	1.2 m	4A	E. coli (2016)
Spring Creek (SPN) / Coffee Creek - Oak Creek / 15060202-022	6.4 m	4A	E. coli (2006)
Stoneman Lake / 15060202-1490	125 a	4A	High pH and low Dissolved Oxygen (1998)
Unnamed Trib to Granite Creek (UGC) / Headwaters - Granite Creek / 15060202-3333	2.5 m	4A	E. coli (2016)
Unnamed Trib to UGC (UUG) / Head-waters - Unnamed Tributary to Granite Creek (UGC) / 15060202-3313	2 m	4A	E. coli (2016)

Category 4 summary: 12 lakes (2732 acres), 59 stream reaches (361 miles)

ED_013248_00000560-00013

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	CAUSE OF IMPAIRMENT
Bill Williams Watershed		
Alamo Lake / 15030204-0040A	1415 a	Mercury in fish tissue (EPA 2002), Ammonia (2004) and high pH (1996)
Bill Williams River / Alamo Lake - Castaneda Wash / 15030204-003	35.9 m	Ammonia (2006)
Boulder Creek / Tributary at 344114 / 1130334 - Wilder Creek / 15030202-006B	14.4 m	Beryllium (2010)
Colorado/Grand Canyon Watershed		
Colorado River / Parashant Canyon - Diamond Creek / 15010002-003	27.6 m	Selenium and SSC (2004)
Kanab Creek / Jump - up Canyon - Colorado River / 15010003-001	12.8 m	Selenium (2016)
Lake Powell / 14070006-1130	9770 a	EPA mercury in fish tissue (2010)
Paria River / Paria River, Utah border - Colorado River / 14070007-123	29.4 m	SSC (2004), E. coli (2006/8), selenium (2016)
Virgin River / Beaver Dam Wash - Sand Hollow Wash / 15010010-003	8.6 m	E. coli (2010), SSC and selenium (2004)
Virgin River / Sullivans Canyon - Beaver Dam Wash / 15010010-004	9.7 m	Selenium (2012)
Colorado/Lower Gila Watershed		
Colorado River / Hoover Dam - Lake Mohave / 15030101-015	40.4 m	Selenium (2004)
Colorado River / Main Canal - Mexico border / 15030107-001	32.2 m	Selenium (2006)
Lake Mohave / 15030101-0960	27044 a	Selenium (2010)
Painted Rock Borrow Pit Lake / 15070201-1010	186 a	Low Dissolved Oxygen (1992)
Little Colorado Watershed		
Black Canyon Lake / 15020010-0180	37 a	Ammonia (2010)
Lyman Reservoir / 15020001-0850	1308 a	Mercury in fish tissue (EPA 2004)
Pintail Lake / 15020005-5000	26 a	Ammonia (2010)
Puerco River / Dead Wash - NineMilesWash / 15020007-007	0.2 m	Copper(2010) and E. coli (2012/14)
Telephone Lake / 15020005-1500	22 a	Ammonia (2010)
Middle Gila Watershed		
Agua Fria River / Sycamore Creek - Bishop Creek / 15070102-023	9.8 m	Selenium (2016), E. coli (2010)
Alvord Park Lake / 15060106B-0050	27 a	Ammonia (2004)
Arnett Creek / Headwaters - Queen Creek / 15050100-1818	11.1 m	Copper (dissolved) (2010)
Chaparral Park Lake / 15060106B-0300	12 a	E. coli and dissolved oxygen (2004)
Cortez Park Lake / 15060106B-0410	2 a	Dissolved oxygen and pH (2004)
Gila River / San Pedro - Mineral Creek / 15050100-008	19.8 m	SSC (2006)

ED_013248_00000560-00014

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	CAUSE OF IMPAIRMENT
Hassayampa River / Buckeye Canal - Gila River / 15070103-001B * Also a Category 4A water	2.3 m	E. coli (2016)
Lake Pleasant / 15070102-1100	8000 a	Mercury in fish tissue (EPA 2006/8)
Mineral Creek (MIN) / Devil's Canyon - Gila River / 15050100-012B	19.6 m	Dissolved copper (1992), selenium (2004) and Dissolved Oxygen (2006/8)
Money Metals Trib / Headwaters - Unnamed Tributary (UB1) / 15070102-123	0.5 m	Copper and zinc (2016)
Queen Creek / Headwaters - Superior Mining Div. outfall / 15050100-014A	8.8 m	Copper (2002), lead (2010) and selenium (2012)
Queen Creek / Superior Mining WWTP - Potts Canyon / 15050100-014B	5.9 m	Copper (2004)
Queen Creek / Potts Canyon - Whitlow Canyon / 15050100-014C	8 m	Copper (2010)
Unnamed Trib To Eugene Gulch / Headwaters - Eugene Gulch / 15070102-1994	0.7 m	Copper (2016)
Salt Watershed		
Apache Lake / 15060106A-0070	2192 a	Low Dissolved Oxygen (2006/8) and Mercury in fish tissue (EPA 2016)
Canyon Lake / 15060106A-0250	448 a	Low Dissolved Oxygen (2004)
Christopher Creek / Headwaters - Tonto Creek / 15060105-353 * Also a Category 4A water	8 m	Dissolved Oxygen (2016)
Crescent Lake / 15060101-0420	157 a	High pH (EPA 2002)
Five Point Mountain Tributary / Headwaters - Pinto Creek / 15060103-885	2.9 m	Dissolved copper (2006/8)
Pinto Creek / West Fork Pinto Creek - Roosevelt Lake / 15060103-018C * Also a Category 4A water	18.4 m	Selenium (2004)
Roosevelt Lake / 15060103-1240	18345 a	Mercury in fish tissue (EPA 2006/8)
Salt River / Canyon Creek - Cherry Creek / 15060103-007	19.6 m	Selenium (2012/14)
Salt River / Pinal Creek - Roosevelt Lake / 15060103-004	7.5 m	E. coli (2010)
Tonto Creek (TON) / Greenback Creek - Roosevelt Lake / 15060105-004	2.6 m	Mercury in fish tissue (EPA 2010)
Tonto Creek (TON) / Gun Creek - Greenback Creek / 15060105-006	18.6 m	Mercury in fish tissue (EPA 2010)
Tonto Creek (TON) / Rye Creek - Gun Creek / 15060105-008	18.6 m	Mercury in fish tissue (EPA 2010)
Tonto Creek (TON) / Spring Creek - Rye Creek / 15060105-009	19.5 m	Mercury in fish tissue (EPA 2010)
Tonto Creek (TON) / Haigler Creek - Spring Creek / 15060105-011	7.8 m	Mercury in fish tissue (EPA 2010)
Tonto Creek (TON) / Tributary at 341810 / 1110414- Haigler Creek / 15060105-013B * Also a Category 4A water	8.5 m	Mercury in fish tissue (EPA 2010)

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	CAUSE OF IMPAIRMENT
San Pedro Watershed		
Aravaipa Creek / Aravaipa Cyn Wilderness - San Pedro River / 15050203-004C	12.6 m	E. coli (2016)
Brewery Gulch / Headwaters - Mule Gulch / 15080301-337	1.1 m	Copper (EPA 2004 and ADEQ 2006/08)
Copper Creek / Headwaters - Prospect Canyon / 15050203-022A	6.6 m	Copper and selenium (2016), cadmium, iron and zinc (EPA 2016)
Mule Gulch / Bisbee WWTP Outfall - Highway 80 bridge / 15080301-090C	3.8 m	Copper (1990)
Mule Gulch / Headwaters - Lavender Pit / 15080301-090A	3 m	Copper (1990)
Mule Gulch / Lavender Pit - Bisbee WWTP Discharge / 15080301-090B	0.8 m	Copper (1990)
San Pedro River / Babocomari River - Dragoon Wash / 15050202-003	17 m	E. coli (2004)
San Pedro River / Mexico border - Charleston / 15050202-008	28.3 m	E. coli and copper (2010), Dissolved Oxygen (2016)
Santa Cruz Watershed		
Nogales Wash / Mexico Border - Portrero Creek / 15050301-011	6.2 m	Copper and ammonia (2004), E. coli (1998) and total residual chlorine (1996)
Parker Canyon Lake / 15050301-1040	129 a	Mercury in fish tissue (EPA 2004)
Potrero Creek / Interstate 19 - Santa Cruz River / 15050301-500B	4.9 m	E. coli, low Dissolved Oxygen and total residual chlorine (2010)
Rose Canyon Lake / 15050302-1260	7 a	Low pH (EPA 2004)
Santa Cruz River / Canada Del Oro - HUC 15050303 / 15050301-001 * Also a Category 4A water	8.6 m	E. coli (2016)
Santa Cruz River / Josephine Canyon - Tubac Bridge / 15050301-008A	4.8 m	Ammonia and E. coli (2010)
Santa Cruz River / Tubac Bridge - Sopori Wash / 15050301-008B	8.9 m	E. coli (2016)
Santa Cruz River / Nogales WWTP - Josephine Can / 15050301-009	9.1 m	E. coli (2012/14)
Sonoita Creek / 1600 Feet Below Patagonia Wwtp - Patagonia Lake / 15050301-013C	9 m	Zinc (2004) and low Dissolved Oxygen (1998)
Upper Gila River		
Blue River (BLR) / Strayhorse Creek - San Francisco River / 15040004-025B	25.4 m	E. coli (2006/8)
Cave Creek / Headwaters - South Fork Cave Creek / 15040006-852A	7.5 m	Selenium (2004)
Gila River / Bonita Creek - Yuma Wash / 15040005-022 * Also a Category 4A water	5.8 m	Lead (2010)
San Francisco River / Blue River - Limestone Gulch / 15040004-003	18.7 m	E. coli (2006/8)
San Francisco River / Limestone Gulch - Gila River / 15040004-001	12.8 m	E. coli (2010)

ED_013248_00000560-00016

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	CAUSE OF IMPAIRMENT
Verde Watershed		
Bartlett Lake / 15060203-0110	2376 a	Mercury in fish tissue (EPA 2016)
Oak Creek / Spring Creek - Verde River / 15060202-016	12.7 m	E. coli (2016)
Verde River / Bartlett Dam - Camp Creek / 15060203-004	6.6 m	Arsenic (2010)
Verde River / Sycamore Creek - Oak Creek / 15060202-025	25.2 m	Dissolved Oxygen and E. coli (2016)
Watson Lake / 15060202-1590	152 a	Nitrogen, low Dissolved Oxygen and high pH (EPA 2004)
Willow Creek Reservoir / 15060202-1660	294 a	Ammonia (2012/14)

Category 5 summary: 21 lakes (71950 acres), 54 stream reaches (669 miles)

SURFACE WATER REACH DESCRIPTION REACH/LAKE NUMBER	ACRES/ MILES	CAUSE OF IMPAIRMENT	REFERENCE
Little Colorado Watershed			
Bear Canyon Lake / 15020008-0130	55 a	pH (2004) and iron (2016)	Evaluation of Low pH at Bear Canyon Lake, Arizona
Woods Canyon Lake / 15020010-1700	70 a	Iron (2016)	Evaluation of Low pH at Bear Canyon Lake, Arizona
Verde Watershed			
East Verde River / American Gulch - Verde River / 15060203-022C	25.8 m	Arsenic (2006/8)	East Verde River Delist report

Subcategory N summary: 2 lakes (125 acres), 1 stream reach (26 miles)

ED_013248_00000560-00018