

APPENDIX F

Water Quality Improvements

Water quality improvements have resulted in pollutants no longer impairing an assessment unit. Each is a success story! Significant resources have been used to identify sources and control pollutant contributions in each case.

These water quality improvements are dependent on continued application of the improvement noted in this table. Therefore, decision makers about future activities in the watershed or additional discharges need to be aware and continue to support these improvements.

Colorado - Lower Gila Watershed

Lake Havasu (Thompson Bay)	15030101-0590	19,780 acres
<i>E. coli</i> bacteria Delisted in 2002; first listed in 1996	<ol style="list-style-type: none"> 1. Improved sanitary facilities at beaches. 2. Public education concerning marine wastewater disposal. 3. Improvements in public wastewater treatment facilities to reduce nutrient loading. 4. Improvement in flow into Thompson Bay under London Bridge. 	No remaining impairments
Painted Rock Borrow Pit	15070201-1010	185 acres
Dieldrin in fish tissue Delisted in 2002; first listed in 1988	General use of the pesticide dieldrin banned Listed in Category 5 for other pollutants	

Little Colorado Watershed

Nutrios Creek	15020001-017A	Headwaters to Nelson Reservoir	13.3 miles
Turbidity Delisted in 2006; first listed in 1992	Cattle removed from the riparian area through addition of fencing and alternative sources of water. Riparian area improvements noted. TMDL approved in 2002. No remaining impairments		

Middle Gila Watershed

Gila River	15070101-001, 005, 007, 008, 009, 010, 014, 015	Salt River to Painted Rock Reservoir	82.5 miles
Dieldrin in fish tissue Delisted in 2002; first listed in 1988	General use of the pesticide dieldrin banned Listed in Category 5 for other pesticides		
Hassayampa River	15070101-001B	Buckeye Canal to Gila River	2.3 miles
Dieldrin in fish tissue Delisted in 2002; first listed in 1998	General use of the pesticide dieldrin banned Listed in Category 5 for other pesticides		
Mineral Creek	15050100-012B	Devils Canyon to Gila River	19.6 miles
Beryllium, zinc, and low pH Delisted in 2004; first listed in 1992	Mineral Creek is diverted around a large mining operation. Monitoring surface water quality to assure this is sufficient to protect water quality in the stream. Listed in Category 5 for other pollutants		

Middle Gila Watershed - continued

Painted Rock Reservoir	15070101-1020A	100 acres	
Dieldrin in fish tissue Delisted in 2002; first listed in 1988	General use of the pesticide dieldrin banned Listed in Category 5 for other pesticides		
Salt River	15060106B-001D	23rd Avenue WWTP to Gila River	14.1 miles
Dieldrin in fish tissue Delisted in 2002; first listed in 1988	General use of the pesticide dieldrin banned Listed in Category 5 for other pesticides		

Salt Watershed

Pinal Creek	15060103-280D	Lower Pinal Creek WTP to Salt River	6.4 miles
Copper, manganese, zinc, and low pH Delisted in 2002; first listed in 1988	Ground water is pumped so that surface water flow discontinues (flow was intermittent originally in this area). The water is treated and pumped back into the stream, providing clean perennial flow. No remaining impairments		

Verde Watershed

Munds Creek	15060202-415	Headwaters to Oak Creek	17.0 miles
<i>E. coli</i> bacteria, nitrogen and phosphorus Delisted in 2002; first listed in 1994	Wastewater reuse applications modified to keep effluent from contaminating Munds Creek. No remaining impairments		
Ashbrook Wash	15060203-989	Grande Wash to Verde River	2 miles
<i>E. coli</i> bacteria Delisted in 2006; first listed in 2004	Wastewater treatment plant no longer discharging to this wash. No remaining impairments		
Verde River	15060202-037, 025, 015, 15060203-027, 025	Unnamed Trib (15060202-065) - Fossil Creek	78.1 miles
Turbidity Delisted in 2010; first listed in 1990	Turbidity TMDL completed in 2002. Best management practices are implemented to minimize the impact of grazing and reduce soil erosion. No remaining impairments		