

# APPENDIX E

## DELISTING IMPAIRMENTS

Pollutants may be removed from the 303(d) List (delisted) because the TMDL is approved; however, the pollutant is still impairing the reach. A pollutant can be shown to be “no longer impairing” an assessment unit if sufficient data to show that the use is now attaining based on:

- New data, and samples represent critical conditions and critical locations;
- New surface water quality criterion or designated use;
- New assessment criterion or methods;
- Assessment unit is split and no current or historic data from this portion of the surface water would support an impairment decision;
- Naturally occurring conditions are shown to be the sole cause of not meeting the water quality criterion; or
- Reevaluation of the assessment information indicates an error or deficiency in the original analysis resulted in an inappropriate listing.

### Colorado - Grand Canyon

14070006-001 16.3 miles  
 Colorado River - Lake Powell to Paria River (Selenium)  
 Originally listed for selenium in 2006, but new data (20 samples collected between 2006 and 2011) indicate no evidence of continuing selenium problems. Therefore, ADEQ proposes delisting this reach.

### Colorado - Lower Gila

Painted Rock Borrow Pit (Pesticides in fish tissue) 15070201-1010 100 acres  
 EPA overfile in 2002; ADEQ proposes delisting this water body based on recent fish tissue and water quality data.

### Middle Gila

Gila River (multiple reaches, see table below) (Pesticides in fish tissue)  
 EPA overfiled in 2002. ADEQ proposes delisting these reaches based on recent fish tissue and water quality data.

HUC-reach	Reach Description	Miles
15070101-015	Salt River - Agua Fria River	3.7
15070101-014	Agua Fria River - Waterman Wash	11.9
15070101-010	Waterman Wash - Hassayampa River	13.9
15070101-009	Hassayampa - Centennial Wash	7
15070101-008	Centennial Wash - Gillespie Dam	5.3
15070101-007	Gillespie Dam - Rainbow Wash	5.1
15070101-005	Rainbow Wash - Sand Tank	16.9
15070101-001	Sand Tank - Painted Rock Reservoir	18.7

Hassayampa River-Buckeye Canal - Gila River (Pesticides in fish tissue) 15070103-001B 2.3 miles  
 EPA overfile in 2002; ADEQ proposes delisting this water body based on recent fish tissue and water quality data.

Painted Rock Reservoir  
(Pesticides in fish tissue)

15070101- 1020A 100 acres  
EPA overfile in 2002; ADEQ proposes delisting this water body based on recent fish tissue and water quality data.

Salt River-23rd Ave WWTP -  
Gila River  
(Pesticides in fish tissue)

15060106B-001D 14.1 miles  
EPA overfile in 2002; ADEQ proposes delisting this water body based on recent fish tissue and water quality data.

## **San Pedro**

Mule Gulch- Lavendar Pit  
to Highway 80 Bridge (Zinc,  
cadmium, pH)

15080301-019B 0.8 miles  
15080301-019C 3.8 miles

Recent water quality data has shown that the concentrations of dissolved metals have declined and pH has risen within Mule Gulch. Freeport McMoRan Corporation (FMC) has implemented several projects within the last decade that have improved conditions in Mule Gulch. A delist report summarizes the improvements and recommends that low pH and dissolved cadmium and zinc be removed from the 303(d)-list for Mule Gulch 15080301-090B and 90C. Although significant reductions in dissolved copper concentrations have occurred, the copper impairments will remain for the four reaches in the watershed.

## **Verde**

East Verde River- Amercian  
Gulch - Verde River  
(Boron)

15060203-022C 25.8 miles  
Boron is delisted based on the following reasons: new data from critical sites indicated that the reach was no longer impaired for boron (0 exceedances in 12 critical samples, binomial), and the standard for DWS designated use has been increased from 630 ug/L to 1400 ug/L, and reassessment of the original data with the new standard does not indicate impairment.