

ATTACHMENT B

SAN DIEGO RIVER WATERSHED High Frequency of Occurrence Ratings and Pollutant Trends

SAN DIEGO RIVER WATERSHED	Ambient	Wet Weather		
	2007-2008	2007-2008	2006-2007	2005-2006
Bacteria	◆◆◆ Enterococci	◆◆◆ Fecal coliform	◆◆◆ Total coliform Fecal coliform	◆◆◆ Total coliform Fecal coliform
Dissolved Minerals	◆◆◆ TDS	-	-	-
Sediments	-	◆◆◆ Turbidity	◆◆◆ Turbidity	◆◆◆ Turbidity
Metals	-	-	-	-
Pesticides	-	-	-	-
Gross Pollutants	-	-	-	-
TRENDS: Increasing	-	TSS Turbidity *	TSS Turbidity *	-
TRENDS: Decreasing	-	Diazinon Chlopyrifos Dissolved arsenic Dissolved copper Nitrate	Diazinon Chlopyrifos Dissolved arsenic Dissolved copper Nitrate	Diazinon Chlopyrifos

* Trend is above the water quality benchmark.

The gap analysis conducted for the San Diego River “Pilot” Watershed identified three major pollutants of concern:

- Bacteria,
- Sediments, and
- Dissolved minerals.

SAN LUIS REY WATERSHED
High Frequency of Occurrence Ratings and Pollutant Trends

SAN LUIS REY WATERSHED	Ambient	Wet Weather		
	2007-2008	2007-2008	2006-2007	2005-2006
Dissolved Minerals	-	◆◆◆ TDS	◆◆◆ TDS	◆◆◆ TDS
Sediments	-	-	-	-
Metals	-	-	-	-
Pesticides	-	-	-	-
Gross Pollutants	-	-	-	-
TRENDS: Increasing	-	Nitrate ** Turbidity * Total coliform Fecal coliform * Enterococcus	Nitrate ** BOD Total coliform Fecal coliform * Enterococcus	Nitrate Dissolved phosphorus Total coliform Fecal coliform*
TRENDS: Decreasing	-	-	-	-

* Trend is above the water quality benchmark.

** Not likely to exceed wet weather benchmark during current permit cycle.

The gap analysis conducted for the San Luis Rey Watershed identified two major pollutants of concern:

- Bacteria, and
- Dissolved minerals.

TIJUANA RIVER WATERSHED
High Frequency of Occurrence Ratings and Pollutant Trends

TIJUANA WATERSHED	Ambient	Wet Weather		
	2007-2008	2007-2008	2006-2007	2005-2006
Bacteria	-	◆◆◆ Total coliform Fecal coliform Enterococci	◆◆◆ Total coliform Fecal coliform Enterococci	◆◆◆ Total coliform Fecal coliform Enterococci
Dissolved Minerals	-	-	-	-
Sediments	-	◆◆◆ TSS Turbidity	◆◆◆ TSS Turbidity	◆◆◆ TSS Turbidity
Metals	-	-	-	-
Pesticides	-	◆◆◆ Diazinon	◆◆◆ Diazinon	◆◆◆ Diazinon
Gross Pollutants	-	-	◆◆◆ Ammonia	-
TRENDS: Increasing	-	Nitrate TOC TSS * Turbidity * Total coliform Fecal coliform * Total arsenic Total lead * Total zinc * Toxicity *	Nitrate TOC TSS * Turbidity * Total coliform Fecal coliform * Total arsenic Total lead * Total zinc * Toxicity *	TSS Total coliform Enterococcus Toxicity *
TRENDS: Decreasing	-	TDS Diazinon * Dissolved arsenic Dissolved nickel Conductivity	TDS Diazinon * Dissolved arsenic Dissolved nickel Conductivity	Total phosphorus Diazinon * Dissolved nickel

* Trend is above the water quality benchmark.

The gap analysis conducted for the Tijuana River Watershed identified three major pollutants of concern:

- Bacteria,
- Sediments, and
- Pesticides.

Additional consideration should be given to:

- Metals, and
- Nutrients.

PUEBLO WATERSHED
High Frequency of Occurrence Ratings and Pollutant Trends

PUEBLO WATERSHED	Ambient	Wet Weather		
	2007-2008	2007-2008	2006-2007	2005-2006
Bacteria	-	◆◆◆ Total coliform Fecal coliform Enterococci	◆◆◆ Total coliform Fecal coliform Enterococci	◆◆◆ Total coliform Fecal coliform Enterococci
Dissolved Minerals	◆◆◆ TDS	-	-	-
Sediments	-	◆◆◆ TSS Turbidity	◆◆◆ Turbidity	◆◆◆ Turbidity
Metals	◆◆◆ Copper	-	◆◆◆ Copper Lead Zinc	◆◆◆ Copper Lead Zinc
Pesticides	-	-	-	-
Gross Pollutants	-	-	-	-
TRENDS: Increasing	-	Turbidity Total copper Toxicity	Turbidity * Nitrite Total copper Total zinc	Nitrate Total coliform Toxicity
TRENDS: Decreasing	-	TDS Diazinon Nitrate	TDS Diazinon MBAS Nitrate Toxicity *	Diazinon Total Lead

* Trend is above the water quality benchmark.

The gap analysis conducted for the Pueblo Watershed identified two major pollutants of concern:

- Bacteria,
- Dissolved Minerals,
- Sediments, and
- Metals.

Additional consideration should be given to:

- Nutrients.