

SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, Lower San Juan HSA
303(D) Listing:	Total Coliforms
Listed Segment:	1.2 Miles
Recommendation:	Delisting recommended for all areas except North Beach Creek at Doheny State Park (DSB5) and San Juan Creek Mouth (SJC1)

EVALUATION CRITERIA

WQ Standard(s):	#1: AB-411 single sample standard (for FC/TC>0.1, TC≤1000, CFU/ 100ml) #2: AB-411 single sample standard (for FC/TC≤0.1 , TC≤10,000, CFU/ 100ml) #3: AB-411 30-day standard (geomean ≤1000 CFU/ 100 ml with minimum of 5 weekly samples)
Data Evaluation Period:	May 2004- December 2006 for 6 locations All weekly samples
Sample Size:	#1 and #2 (124-253) samples per monitoring location #3 (108-131) 30-day periods per monitoring location
Exceedances to Trigger Listing*:	#1 and #2 (21 for sample size of 124; 42 for sample size of 253) #3 (18 for sample size of 108; 22 for sample size of 131)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 and #2 (20 for sample size of 124; 41 for sample size of 253) #3 (17 for sample size of 108; 21 for sample size of 131)
Previous Listing Basis:	Not meeting REC-1, REC-2 beneficial uses because of bacteria-2002 WQA.

* = based on State Listing Policy binomial formula for the sample size

ASSESSMENT OF CURRENT LISTING

WQ Standard #1:	
<i>Number of Exceedances:</i>	Minimum of 0/253 samples to maximum of 26/217 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 6 sites were below the maximum allowable number of exceedances for delisting (see summary sheet)
<i>Listing Recommendation:</i>	Delisting Recommended
WQ Standard #2:	
<i>Number of Exceedances:</i>	Minimum of 0/253 samples to maximum of 1/217 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 6 sites were below the maximum allowable number of exceedances for delisting (see summary sheet)
<i>Listing Recommendation:</i>	Delisting Recommended
WQ Standard #3:	
<i>Number of Exceedances:</i>	Minimum of 0/119 samples to maximum of 22/131 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at 5 of 6 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies > allowable at North Beach Creek at Doheny State Park (DSB5) support retaining the listing. (See summary sheet)
<i>Listing Recommendation:</i>	Delisting Recommended for all areas except North Beach Creek at Doheny State Park (DSB5).

SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, Lower San Juan HSA
303(D) Listing:	Fecal Coliforms
Listed Segment:	1.2 Miles
Recommendation:	Delisting Recommended for all areas except North Beach Creek at Doheny State Park(DSB5) and San Juan Creek -large outlet (SJC1).

EVALUATION CRITERIA

WQ Standard(s):	#1: AB-411 single sample standard (400 CFU/ 100ml) #2: AB-411 30-day standard (geomean \leq 200 CFU/ 100 ml with minimum of 5 weekly samples)
Data Evaluation Period:	May 2004- December 2006 for 6 locations All weekly samples
Sample Size:	#1 (124-251) samples per monitoring location #2 (108-131) 30-day periods per monitoring location
Exceedances to Trigger Listing*:	#1 (21 for sample size of 124; 42 for sample size of 251) #2 (18 for sample size of 108; 22 for sample size of 131)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 (20 for sample size of 124; 41 for sample size of 251) #2 (17 for sample size of 108; 21 for sample size of 131))
Previous Listing Basis:	Not meeting REC-1, REC-2 beneficial use because of bacteria - 2002 WQA.

* = based on State Listing Policy binomial formula for the sample size

ASSESSMENT OF CURRENT LISTING

WQ Standard #1:	
<i>Number of Exceedances:</i>	Minimum of 3/253 samples to maximum of 57/217 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at 4 of 6 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies at North Beach Creek at Doheny State Park(DSB5) and San Juan Creek -large outlet (SJC1), support retaining the listing (see summary sheet).
<i>Listing Recommendation:</i>	Delisting Recommended for all areas except North Beach Creek at Doheny State Park(DSB5) and San Juan Creek -large outlet (SJC1).
WQ Standard #2:	
<i>Number of Exceedances:</i>	Minimum of 0/179 samples to maximum of 36/123 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at 4 of 6 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies $>$ allowable at North Beach Creek at Doheny State Park (DSB5) and San Juan Creek -large outlet (SJC1).
<i>Listing Recommendation:</i>	Delisting Recommended for all areas except North Beach Creek at Doheny State Park(DSB5) and San Juan Creek -large outlet (SJC1).

SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, Lower San Juan HSA
303(D) Listing:	Enterococcus Bacteria
Listed Segment:	1.2 Miles
Recommendation:	Current listing appropriate.

EVALUATION CRITERIA

WQ Standard(s):	#1: AB-411 single sample standard (104 CFU/ 100ml) #2: AB-411 30-day standard (geomean \leq 35 CFU/ 100 ml with minimum of 5 weekly samples)
Data Evaluation Period:	May 2004- December 2006 for 6 locations All weekly samples
Sample Size:	#1 (123-253) samples per monitoring location #2 (108-131) 30 day periods per monitoring location
Exceedances to Trigger Listing:*	#1 (21 for sample size of 123; 42 for sample size of 253) #2 (18 for sample size of 108; 22 for sample size of 131)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 (20 for sample size of 123; 41 for sample size of 253) #2 (17 for sample size of 108; 21 for sample size of 131)
Previous Listing Basis:	Not meeting REC-1, REC-2 beneficial use because of bacteria-2002 WQA.

* = based on State Listing Policy binomial formula for the sample size

ASSESSMENT OF CURRENT LISTING

WQ Standard #1:	
<i>Number of Exceedances:</i>	Minimum of 30/253 samples to maximum of 128/249
<i>Summary of Analysis:</i>	Exceedance frequencies at 1 of 6 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies at North Beach Creek at Doheny State Park(DSB5), San Juan Creek -large outlet (SJC1), North Doheny State Park Campground(DSB4), South Doheny State Park Campground(DSB1), and South Capistrano County Beach(CSBMP1), support retaining the listing (see summary sheet).
<i>Listing Recommendation:</i>	See Recommendation below.
WQ Standard #2:	
<i>Number of Exceedances:</i>	Minimum of 37/119 samples to maximum of 93/123
<i>Summary of Analysis:</i>	Exceedance frequencies all 6 sites were above the maximum allowable number of exceedances for delisting. These sites will retain their listing: North Beach Creek at Doheny State Park(DSB5), San Juan Creek -large outlet (SJC1), North Doheny State Park Campground(DSB4), South Doheny State Park Campground(DSB1), South Capistrano County Beach(CSBMP1) and South Capistrano County Beach at Beach Rd.(CSBBR1), (see summary sheet).
<i>Listing Recommendation:</i>	Current listing appropriate.