

SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, San Clemente HA
303(D) Listing:	Total Coliforms
Listed Segment:	3.7 Miles
Recommendation:	Delisting recommended for all areas.

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≤1000 CFU/ 100ml with minimum of 5 weekly samples)
	#3: AB-411 30-day standard (geomean ≤1000 CFU/ 100 ml with minimum of weekly samples)
Data Evaluation Period:	January 2004- December 2006 for 16 locations All weekly samples
Sample Size:	#1 and #2 (112-437) samples per monitoring location #3 (63-248) 30 day periods per monitoring location)
Exceedances to Trigger Listing*:	#1 and #2 (19 for sample size of 112; 73 for sample size of 437) #3 (11 for sample size of 63; 42 for sample size of 248)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 and #2 (18 for sample size of 112; 72 for sample size of 437) #3 (10 for sample size of 63; 41 for sample size of 248)
Previous Listing Basis:	54 days of beach closures as cited in the fact sheets for the 2002 listing.

* = 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 18/437 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 16 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 2/247 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 16 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 0/248 samples to maximum of 6/115 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 16 sites were below the maximum allowable number of exceedances for delisting. See summary sheet for details of analysis.

<i>Listing Recommendation:</i>	Delisting Recommended
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SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, San Clemente HA
303(D) Listing:	Fecal Coliforms
Listed Segment:	3.7 Miles
Recommendation:	Delisting Recommended for all sites.

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 weekly samples)
Data Evaluation Period:	January 2004- December 2006 for 6 locations All weekly samples
Sample Size:	#1 (112-437) samples per monitoring location) #2 (63-247) 30 day periods per monitoring location)
Exceedances to Trigger Listing*:	#1 (19 for sample size of 112; 73 for sample size of 437) #2 (11 for sample size of 63; 41 for sample size of 247)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 (18 for sample size of 112; 72 for sample size of 437) #2 (10 for sample size of 63; 40 for sample size of 247)
Previous Listing Basis:	54 days of beach closures as cited in the fact sheets for the 2002 listing.

* = 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 0/252 samples to maximum of 24/253 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 16 sites were below the maximum allowable number of exceedances for delisting (see summary sheet) (see summary sheet).
<i>Listing Recommendation:</i>	Delisting Recommended
WQ Standard #2:	
<i>Number of Exceedances:</i>	Minimum of 0/179 samples to maximum of 10/115 samples
<i>Summary of Analysis:</i>	Exceedance frequencies at all 16 sites were below the maximum allowable number of exceedances for delisting (see summary sheet) (see summary sheet).
<i>Listing Recommendation:</i>	Delisting Recommended

SUMMARY INFORMATION

Waterbody:	Pacific Ocean Shoreline, San Clemente HA
303(D) Listing:	Enterococcus Bacteria
Listed Segment:	3.7 Miles
Recommendation:	Delisting Recommended for at all areas except Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).

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 weekly samples)
Data Evaluation Period:	January 2004- December 2006 for 16 locations All weekly samples
Sample Size:	#1 (112-437) samples per monitoring location) #2 (63-247) 30 day periods per monitoring location)
Exceedances to Trigger Listing:*	#1 (19 for sample size of 112; 73 for sample size of 437) #2 (11 for sample size of 63; 41 for sample size of 247)
Exceedances Allowed* (i.e. warrants De-Listing):	#1 (18 for sample size of 112; 72 for sample size of 437) #2 (10 for sample size of 63; 40 for sample size of 247)
Previous Listing Basis:	54 days of beach closures as cited in the fact sheets for the 2002 listing.

* = 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 0/221 samples to maximum of 87/253
<i>Summary of Analysis:</i>	Exceedance frequencies at 14 of 16 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies at Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO). See summary sheet.
<i>Listing Recommendation:</i>	Delisting Recommended for at all areas except Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).
WQ Standard #2:	
<i>Number of Exceedances:</i>	Minimum of 0/152 samples to maximum of 65/115
<i>Summary of Analysis:</i>	Exceedance frequencies at 14 of 16 sites were below the maximum allowable number of exceedances for delisting. Exceedance frequencies at Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO). See summary sheet.
<i>Listing Recommendation:</i>	Delisting Recommended for at all areas except Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).