

## SUMMARY INFORMATION

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

## EVALUATION CRITERIA

<b>WQ Standard(s):</b>	#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 )
<b>Data Evaluation Period:</b>	May 2004- December 2006 for 16 locations All weekly samples
<b>Sample Size:</b>	#1 and #2 (112-437) samples per monitoring location #3 (63-248) 30-day periods per monitoring location)
<b>Exceedances to Trigger Listing:*</b>	#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)
<b>Exceedances Allowed* (i.e. warrants De-Listing):</b>	#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)
<b>Previous Listing Basis:</b>	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

<b>WQ Standard #1:</b>	
<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
<b>WQ Standard #2:</b>	
<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
<b>WQ Standard #3:</b>	
<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

## SUMMARY INFORMATION

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

## EVALUATION CRITERIA

<b>WQ Standard(s):</b>	#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)
<b>Data Evaluation Period:</b>	May 2004- December 2006 for 16 locations All weekly samples
<b>Sample Size:</b>	#1 (112-437) samples per monitoring location #2 (63-247) 30-day periods per monitoring location
<b>Exceedances to Trigger Listing*:</b>	#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)
<b>Exceedances Allowed* (i.e. warrants De-Listing):</b>	#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)
<b>Previous Listing Basis:</b>	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

<b>WQ Standard #1:</b>	
<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)
<i>Listing Recommendation:</i>	Delisting Recommended
<b>WQ Standard #2:</b>	
<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)
<i>Listing Recommendation:</i>	Delisting Recommended

## SUMMARY INFORMATION

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

## EVALUATION CRITERIA

<b>WQ Standard(s):</b>	#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)
<b>Data Evaluation Period:</b>	May 2004- December 2006 for 16 locations All weekly samples
<b>Sample Size:</b>	#1 (112-437) samples per monitoring location #2 (63-247) 30-day periods per monitoring location
<b>Exceedances to Trigger Listing:*</b>	#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)
<b>Exceedances Allowed* (i.e. warrants De-Listing):</b>	#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)
<b>Previous Listing Basis:</b>	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

<b>WQ Standard #1:</b>	
<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 > allowable at Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).
<i>Listing Recommendation:</i>	Delisting Recommended for at all areas except Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).
<b>WQ Standard #2:</b>	
<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 > allowable at Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).
<i>Listing Recommendation:</i>	Delisting Recommended for at all areas except Poche Beach -large outlet (POCHE) and Ole Hanson Beach at Pico Drain (PICO).