

# LOWER RINCON CREEK WATERSHED STUDY

## A Field Investigation into the Source of Fecal Contamination in the Lower Rincon Creek Watershed and Ocean Interface (Surfzone)

County of Santa Barbara  
In Cooperation with  
Heal the Ocean



October 1999

Prepared for:

Santa Barbara County  
Public Health Department

Santa Barbara County  
Water Agency (Project Clean Water)

Heal the Ocean



Prepared by:  
Santa Barbara County  
Environmental Health Services Division

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## 1.0 INTRODUCTION

### 1.1 BACKGROUND INFORMATION

Long-term surfzone monitoring, conducted by the Santa Barbara County Public Health Department Ocean Water Monitoring Program and elsewhere throughout the State, have indicated that levels of total coliform, fecal coliform and enterococcus are elevated in runoff from urban areas. Elevated coliform bacteria levels pose a public health risk to beachgoers (surfers, swimmers, and waders) that have contact with ocean or creek water. In Santa Barbara County, bacteria levels exceeding recreational standards have forced the closure of many public beach areas, including the popular Rincon Beach. Since coliform bacteria are an indicator of possible human health risk from water contact, it is commonly used as the primary factor in determining whether beaches should be closed. In addition, studies conducted to date have focused primarily on the concentrations of coliform bacteria, rather than identifying their host organism sources. Identification of potential sources of these bacteria is the next logical step in focusing on future remediation efforts. DNA analysis has been used in a number of recent studies along the West Coast:

- Coronado Island, San Diego
- Little Soos Creek, Washington State
- a proposed wet weather study for the Aqua Hedionda watershed in San Diego County

Heal the Ocean (a nonprofit organization dedicated to improving ocean water quality), the Santa Barbara County Public Health Department, "Clean Up Rincon Effluents" (CURE- a nonprofit group dedicated to improving ocean water quality in the Rincon Creek area), as well as a number of other public and private organizations were interested in determining the source or sources of bacterial contamination in the lower Rincon Creek Watershed and adjacent ocean surfzone. Although there is speculation that septic systems of the residential community at Rincon Point are contributing to high bacterial levels in the lower sections of the watershed and the ocean, previous indicator testing of coliform bacteria has failed to produce empirical evidence of this relationship.

Project Clean Water is a community coordinated effort which has been identifying potential sources of contamination through focused: (a) physical examinations of the watershed, (b) water testing at specific locations within the watershed, and (c) constituent testing of ocean water. In order to better understand the sources of water contamination at Rincon Creek, Heal the Ocean and Santa Barbara County agencies combined efforts to fund a detailed study that focused on identifying the sources of bacteriological contamination in the lower Rincon Creek Watershed. Although the selected watershed for the study makes up the boundary between Santa Barbara County and Ventura County, the overall study is believed to be relevant and applicable to other similar rural watersheds.

Dr. Mansour Samadpour, a professor with the University of Washington Department of Environmental Health, has developed a technique for identification of fecal sources using *Escherichia coli* (*E. coli*) bacteria. *E. coli* is a coliform bacterium that makes up approximately 80% of the coliform group in normal intestinal flora. *E. coli* is easily modified and adaptive to various host environments. It is this adaptive ability that is thought to lead to changes to the genetic material that is species specific. Comparison of *E. coli* genetic material extracted from creek water to a database of known fecal source samples allows for the identification of the source of the *E. coli* and hence the bacterial contamination.



## 1.2 STUDY OBJECTIVES AND SCOPE

The Rincon Creek watershed begins in the Los Padres National Forest located in both Santa Barbara and Ventura Counties. For several miles, Rincon Creek forms the border between the two counties. The watershed encompasses about 14 miles from tributary sources in the local mountains, to the ocean just southeast of the City of Carpinteria. The creek has several major tributaries including Casitas Creek. For the most part, the major land uses are agricultural with a few isolated residential areas. The beach area around Rincon Creek has shown elevated bacterial levels on a consistent basis even during periods of low flow.

The Rincon Watershed was selected for the following reasons:

- The watershed has limited land uses (residential, agricultural)
- Interest from both the public and governmental entities
- Extensive recreational use (surfing, fishing, and swimming) in ocean water near the creek mouth
- A focused section of the watershed could act as a "pilot" study for other watersheds
- Fewer potential sources of human bacterial contamination
- A typical lagoon impoundment that occurs in several other Santa Barbara County watersheds
- Sufficient access to creek areas for conducting the monitoring

The Lower Rincon Creek Watershed Study was designed to identify the sources of coliform bacteria in discharges from dry weather flows. A map depicting the stream configuration is shown in Figure 1 and Figure 1A. The lower portion of Rincon Creek Watershed forms a lagoon that is under tidal influences which creates an interface between freshwater, brackish water and ocean water. The land uses of the upper sections of the watershed are predominantly natural chaparral with the middle reaches being mainly agricultural (avocado and lemon orchards), with small sections of residential. The lowest portion of the watershed surrounding the lagoon area is predominantly residential. Three sample locations were chosen in an attempt to isolate the upper and middle sections of the watershed from the lower residential section:

- Sample site RC-007, which is just upstream of the lagoon and residential areas, represents everything flowing down the watershed up until that point.
- Sample location RC-002 is in the lower end of the lagoon and represents the mixing of salt and freshwater as well as any contributions from the lower residential area to the watershed.
- Sample RC-OC is located in the surfzone, at the mouth of the creek, and represents the watershed's contribution to the oceans.

The bacteriological study was also designed to characterize the sources of *Escherichia coli* (*E. coli*) and the presence of human pathogens in runoff from the Rincon watershed. In order to determine coliform sources, we retained the services of Dr. Mansour Samadpour of the University of Washington. Dr. Samadpour conducted DNA testing on fecal coliforms in water samples obtained from the watershed to determine their host organisms and therefore, sources, of the bacteria. Specifically, ribosomal RNA typing using two restriction enzymes produced genetic fingerprinting of the cultures. These fingerprints were then compared to known sources within Dr. Samadpour's *E. coli* DNA library, which is composed of over 24,000 previously identified DNA fingerprints representing thousands of source species. Dr. Samadpour's library was supplemented with fecal samples collected from local species.

## 2.0 STUDY METHODS

The following investigations were conducted for this study:

1. Major mammal and avian species were identified which may be contributing to the fecal coliform loading in the watershed.
2. Water samples were collected from three discrete locations in the watershed: in the surfzone at the mouth of the Rincon Creek Watershed (labeled as sampling point RC-OC on Figure 1); in the lagoon (labeled as sampling point RC-002); and just upstream of the lagoon (labeled as sampling point RC – 007).
3. Sources of fecal coliform present in the water samples were determined by comparing *E.coli* genetic material extracted from the water samples to previously established genetic ribotyping of *E.coli* bacteria. Two databases were used for this comparison:
  - fecal samples collected from species in the watershed and/or
  - an extensive library of previously ribotyped *E.coli* that exists at the University of Washington.

### 2.1 WATER AND FECAL SOURCE SAMPLE COLLECTION

Under baseflow (non-storm) conditions, water sample collection was performed over 10 sampling events at each of the 3 sample locations, with 5 water samples collected per sampling event at each location. Fifty (50) discrete water samples were collected from each location for a total of 150 water samples collected in order to perform the DNA analyses. The samples were collected from the flowing water stream, lagoon, and ocean surfzone at 10-minute intervals, and the timing of sample collection was varied in order to capture both high and low tide events.

Fecal “source” samples were also collected from both mammal and bird species that were determined to be the most likely contributors. A total of 208 fecal samples were collected over the course of this study, of which 80 were bird species and 128 were mammal species. A maximum of 20 fecal samples per species was collected. Source samples were collected from the Rincon Watershed, other field locations within the Santa Barbara County, the Santa Barbara animal shelter and from pumper truck tanks of local septic system maintenance companies. Water samples were collected as grab samples using sterile containers. Quality Assurance and Quality Control (QA/QC) measures were followed and all samples were immediately placed in a cooler with ice and promptly transported to the Santa Barbara County Public Health Laboratory for analysis. All fecal samples were collected using sterile instruments and containers, placed immediately in Cary Blair transport media, placed in a cooler with ice and promptly transported to the Santa Barbara County Public Health Laboratory. From the laboratory, source samples were boxed and shipped to Dr. Samadpour’s laboratory at the University of Washington for further analysis.

### 2.2 PUBLIC HEALTH LABORATORY PROCEDURES

Water samples were analyzed at the Santa Barbara County Public Health Laboratory for fecal coliform enumeration using membrane filtration and direct plate count. Water samples were serially diluted to  $10^{-1}$ ,  $10^{-2}$ , and  $10^{-3}$ . Membrane filters from these water samples were then plated on MacConkey media and incubated overnight. Water samples were then shipped the day after sample submission for overnight delivery to Dr. Samadpour’s laboratory at the University of Washington.

Concurrent with sample processing for analysis of the *E.coli* genome, culturing of *E.coli* was performed at the Santa Barbara County Public Health Department Laboratory to determine concentration of fecal coliform and *E.coli*. Two testing methods were used: membrane filtration and direct plate counts of *E.coli* colony forming units (cfu's); and Colilert (Idexx) which analyzes for *E.coli* using statistical analysis which is reported as most probable number (mpn) of *E.coli*.

## **2.3 UNIVERSITY OF WASHINGTON LABORATORY PROCEDURES**

Once shipments were received at Dr. Samadpour's laboratory, water and source samples underwent testing to isolate *E.coli* bacteria. Morphologically appropriate colonies (round, blue and flat) were chosen from these plates and streaked for isolation onto MacConkey media and incubated at 37°C for 24 hours.

Isolated colonies that fermented lactose on MacConkey media were then restreaked onto Trypticase Soy Agar (TSA). An average of sixteen isolates were obtained from each water and fecal sample. Biochemical analysis was done to positively identify *E.coli*. This was accomplished by inoculating each isolate into a tryptophane broth and onto a sodium citrate slant and incubating at 37°C for 24 hours. Isolates that were able to produce indole from tryptophane and not able to utilize sodium citrate as a sole source of carbon were positively identified as *E. coli*. These isolates were then assigned an isolate number and cultured again on TSA to obtain enough cells for storage in LB-15% glycerol freezing media at -70°C and for genomic (chromosomal) DNA isolation.

## **3.0 RESULTS**

### **3.1 SAMPLES PROCESSED**

A total of 208 source samples (fecal samples) from over 20 species of birds and mammals were collected by Santa Barbara County staff and sent to Dr. Samdadpour's laboratory. For a listing of samples per species see Table 1. Attempts were made to extract *E.coli* from these fecal source samples. A total of 150 fecal samples produced isolates that were processed to characterize the genetic material. These results now comprise the database for the local animal population.

A total of 150 water samples were collected in the field. After membrane filtration and culturing, 138 water samples of the total 150 water samples produced a minimum of 2-19 bacterial colonies. These were then packaged and shipped to Dr. Samadpour's laboratory. Unfortunately, due to communication errors between the laboratories, thirty filter plates containing the bacterial isolates were not processed, leaving isolates from only 108 of a possible 150 water samples. From each of these filter plates, a minimum of 2 colony isolates were collected and processed to ensure *E.coli* identification. Those that were positive for *E.coli* were processed for ribosomal RNA matches. One hundred eighty four *E.coli* isolates were processed and produced a total of 124 matches. These isolates were found to match either Dr. Samadpour's laboratory (91 total matches to library) or the library created from source samples collected by Environmental Health Services (50 matches) and a slight percentage of the matches were to both databases.

Of the 124 total matches, 4 matches to Dr. Samadpour's laboratory appear to be "transitory" *E.coli*. This is terminology used to differentiate *E.coli* ribotypes that are common to a group of species, or that match source samples from more than one species. Therefore the 4 matches that were identified as beaver and river otter, which are not known to inhabit the watershed were deemed to be transitory. All other species identified are known to inhabit the watershed.

The 124 matches were generated from 82 of the 108 water samples and were fairly evenly divided between the three sample locations:

- Site 1 (ocean surfzone) 23 water samples produced 31 matches
- Site 2 (lagoon) 31 water samples produced 48 matches
- Site 3 (culvert) 28 water samples produced 43 matches
- Site 4 (Long Creek Tributary) one water sample produced 2 matches

As previously indicated, communication problems led to an overall reduction in the number of water samples processed at the University of Washington Laboratory. Three of the ten sampling dates had no water samples processed. As a result, the overall data set was reduced, but the distribution of water samples collected at each of the three main sample locations was unchanged from the original study design.

### **3.2 DISTRIBUTION OF MATCHES**

Figure 2 depicts the number of matches per species at each of the three sampling locations- excluding species that constitute less than 4% of the total matches. Table 2 delineates the percentage of matches attributed to each species. Twenty different species matches were identified from analysis of the water samples. As noted above, 4 of these matches (otter and beaver) appear to be transitory, but as they represent a small change to the overall distribution, no efforts were made to remove these matches from the data sets.

Matches to human species showed the highest percentage (20%; 25/124 matches) but were noted in only the lagoon (14 matches) and the surfzone (11 matches) sample locations (Figure 3). No human matches were noted in the area of the culvert. Matches to duck species showed the widest distribution among sampling locations. Duck species were the second most prevalent match, (accounting for 14% of the total matches -11/124 matches) and matches were distributed over all sampling locations (Figure 4).

Human matches were found for each sampling event (Figure 3). However, 40% (10) of the human matches occurred as a result of one sampling event (6/4/99). Opossum species were identified in 6 out of 7 sampling events (Figure 5) but accounted for only 6% (8) of the total matches (Table 2). Domestic species accounted for 46% (57) of the total matches (Table 2a).

### **3.3 FECAL COLIFORM (*E.COLI*) CONCENTRATIONS**

Table 3 displays a comparison of results of these two testing methodologies. Table 4 depicts median and average values for *E.coli* for each of the sample dates derived from Colilert test results (reported in mpn). These values from each method for each particular water sample are not outside of the 95% confidence limits and are therefore interchangeable for concentration levels for all water samples for

fecal coliform. "Recreation 1" bathing standards found in the Central Coast Regional Water Quality Control Board Basin Plan indicate that waters that are used for recreational purposes where full body contact (swimming, surfing, and wading) is likely, should have levels of fecal coliform below 400 mpn (or cfu's). Only one water sample of the 150 collected tested at a level above 400 cfu's (Sample identification number RC-1-K5 collected on 6/4/99- see Table 3).

Comparison of *E.coli* averages and median values with the relative numbers of matches of species did not show any consistent correlation (i.e. the number of matches did not increase or decrease as concentrations of coliform bacteria increased or decreased). This may be due to the relatively low coliform levels and relatively low species matches. In addition, Dr. Samadpour's technique produces a qualitative analysis of species contributing to coliform levels whereby correlations to quantity (concentration of bacteria) are unlikely.

### **3.4 TIDAL INFLUENCES**

Tidal cycles occurring during sampling periods were recorded. Table 5 displays field measurements of temperature, pH and the tidal changes occurring over the sampling period. For tide changes, a positive number indicates the relative increase in feet of the tide. A negative number indicates the relative decrease in feet of the tide when the tide was going out and water levels were decreasing. Attempts were made to compare number of matches to incoming and outgoing tides; no correlation could be ascertained. In addition, tidal cycles were compared to coliform levels. A slight correlation was noted for two sampling dates in relation to negative tides. On May 25 and May 26, negative tides (-0.7 and -1.1) were recorded; on these dates coliform levels increased from the culvert sample location to the lagoon and increased further at the surfzone sample location. This may be a result of the receding tide drawing water from the culvert into the lagoon, and eventually reaching the ocean and thereby increasing the bacterial load in the surfzone. However, this same phenomenon was not noted for May 24, 1999 when there was a -0.8 tidal fluctuation during the sampling period.

Temperature and pH variations were not considered significant between sampling locations on a particular date. Changes in pH over various sampling dates are indicative of a natural environment and the interaction of a number of factors such as organic loading, flow regimes, and sunlight.

Five water samples were collected at the same sampling location at ten-minute intervals for each sampling event. When a species match was made, these water samples were analyzed to determine a trend over these time intervals, such as an increase or decrease in the matches compared to the time of collection; no obvious trends were noted. In addition, water samples were collected at different times of day for different sampling events. Once again, as the number of matches for each species were relatively low, no correlation could be ascertained which indicated that the time of sample collection had a bearing on the number of matches obtained.

### **4.0 DISCUSSIONS AND CONCLUSIONS**

The findings that human species matches were the most prevalent identified source among those samples tested and were also present in water samples from each sampling date indicate an additional source for a potential public health risk associated with recreational water contact. Although zoonotic illnesses and their sources (human illness attributed to animal sources) are not uncommon under natural

conditions, there is also a potential for transmission of human illness when human waste products (e.g. sewage) are present. Unfortunately, the limitations inherent with this particular scientific method and application in this setting does little to identify pathogens, or measure any significant infectious levels (doses) within the watershed. *E.coli* is a coliform bacterium that has many subspecies; the majority are hosts of normal intestinal flora. Only a few, such as *E. coli* 0157:H7 have been found to be pathogenic. However, while not specifically a component of the workplan, Dr. Samadpour did examine each of the species matches to determine if the *E.coli* isolates were pathogenic *E.coli* 0157:H7. Dr. Samadpour reported that no *E.coli* 0157:H7 was present in the isolates tested from the Lower Rincon Creek Watershed.

The assessment of the risk of human illness is a very complex issue and involves a multitude of factors. Certainly, the infectious nature, quantity (infectious dose levels) and pathogenicity of the organism are all critical considerations. Although this DNA methodology provides a better landscape of potential sources of *E.coli* organisms than traditional methodologies, it has limitations with providing other significant risk assessment information. The routine standard fecal coliform, *E.coli* and enterococci measurements currently provide the best standardized measurement of some of these other key parameters (e.g. quantity levels of organisms). As indicated above, the presence of *E.coli* alone does not address pathogenicity per se. Additional compounding factors such as exposure timeframe, path of infection (e.g. ingestion.), concentration at time of exposure (dosage), viability of pathogen, and many others are also incorporated in determining an individual's health risk. Future studies are needed to address how molecular DNA methodologies can be applied to answer some of the above concerns.

Matches to human species were only noted in the lagoon and ocean sample locations. No human species matches were associated with water samples collected at the culvert sample location. Previous Project Clean Water creek surveys performed and this pilot study did not identify a current problem with human encampments in the Rincon Watershed. As there are only isolated residential areas further back into the watershed, it appears that a link between septic systems in the Rincon Point residential area and the adjacent lagoon and beach areas is likely to be the cause of contamination. It is not possible from this study to ascertain how that link may be occurring or the significance, since this technique cannot quantify the extent or amount of this contribution. However, since there is no evidence of septic system effluent surfacing and entering the creek, it may be occurring through a subsurface connection to the creek and/or ocean water.

The presence of human waste and other domesticated animal sources in the watershed and at the surfzone may pose a potential health risk to bathers in this immediate area. Although coliform concentrations do not exceed current ocean water testing standards, it is recommended that the lagoon and creek mouth areas (where body contact with these recreational waters is likely) be posted with signs that warn the general public of this increased health risk.

Water sampling occurred during periods of low creek water flows. Under these conditions, it is likely that fecal coliform sources from the watershed upstream of the culvert sample location were reduced. If a link exists from the community septic systems to the watershed during these low flow conditions, the relative number of human matches (due to a constant supply from ongoing septic system usage) compared to non-human matches could be increased. And, the relative percentage of fecal coliform concentrations attributed to human sources may be increased.

Previous indicator organism (coliform bacteria) testing in the ocean surfzone at the mouth of Rincon Creek has indicated that bacterial levels increase with creek flows. Water and source sample collections occurred during the late spring and early summer months (May and June, 1999). Creek flow at this time was relatively low. As a result, low coliform concentrations obtained from water samples were not unexpected. Previous wet weather studies, such as the South Coast Watershed Characterization Study, have shown large increases in coliform concentrations as a result of storm water runoff. Storm water runoff transports coliform bacteria from large areas of the watershed into the creek and eventually to the ocean.

Recent changes to the California Health and Safety Code have established more restrictive bacteriological standards for recreational waters. This provides additional public health risk protection as the standards now monitor for three types of bacterial contamination: total coliform, fecal coliform, and enterococcus. The new regulations mandate ocean water testing at this beach location with a minimum frequency of weekly from April to October. Rather than trying to supplant this minimum program, it is further recommended to increase the amount of monitoring in this area to prevent potential risks to the beachgoing population.

This may take the form of monitoring in the lagoon, sampling further east and west of the creek mouth and/or monitoring on more than a weekly frequency. Previous sampling at this and other beach areas where creeks empty to the ocean have shown elevated concentrations of bacteria adjacent to the creek mouth/surfzone interface. Warning signs permanently posted in this area would alert beachgoers about the health risks associated with contact with ocean and creek waters in this area. Increased frequency or extent of monitoring provides a better assurance of actual conditions and helps to inform beachgoers of changing bacterial loading in the creek area.

Sign posting, locations of signs and ongoing monitoring will be re-evaluated after the community's connection to a sanitary sewer system.

In general, it appears that the use of the Lower Rincon Creek Watershed in a pilot study is appropriate; based on the limited number of land uses and ability to focus the study on several narrowly defined goals. Previous knowledge of potential sources in the watershed, from Project Clean Water surveys performed in the fall of 1998, provided insight into understanding potential sources of *E.coli*. Although almost all source species collected had matches from the water samples, the identification of where these matches occurred in the watershed provides insight into source reduction strategies.

Although the majority of species matches were due to wild animal population, 46% of the species matches were attributed to domestic animal sources (which includes human sources). The observance of domestic animal waste in the watershed, especially in the lagoon and surfzone area, suggests that source reduction strategies should initially be targeted in these areas.

Matches of dogs and cats suggest simple reduction strategies such as the need for pet owners to be cognizant of the proper disposal methods of pet waste material. Project Clean Water, a community effort to improve water quality in our creeks and oceans, has developed several educational brochures to assist owners of domestic pets and horses in the proper disposal of animal waste. Appendix A contains excerpts from these brochures.

What is also clear is that there is a wide variety of native species contributing to the fecal coliform levels in the watershed. As indicated above, there are health risks associated with animal species. Outbreaks attributed to *Giardia* and *E.coli* 0157H7, in other areas, have been attributed to native species such as ducks, bears, etc. Source reduction strategies for these animals are much more difficult to implement than for domestic sources. However, discouraging the attraction of certain non-native species (such as migratory bird populations) by providing unnatural food sources should be discouraged. Maintenance of the natural contours and flora is important in the ability of the watershed to act as a filtering mechanism to trap and in some cases remove fecal coliform bacteria. Channelization activities in creek settings may be effective to control the movement of water, but are often destructive to the watershed's ability to effectively remove contaminants. Sterilization of the creek, via removal of all fecal coliform bacteria would devastate the ecosystem of the creek. Some level of nonpathogenic coliform is essential to preserving creek biota. The challenge is to understand the loading capacity of the watershed and to reduce or eliminate all non-natural pollutant contributions.

Dr. Samadpour's laboratory at the University of Washington has been using ribosomal typing of *E.coli* to identify sources of coliform concentrations for a number of years. The establishment of a library of over 24,000 *E.coli* RNA ribotypes provides a valuable resource and increases the potential for matches of unknown water sample ribotypes to previously identified source samples. This study increased the database for Dr. Samadpour's ongoing work. Unfortunately, due to sample processing difficulties occurring at both laboratories, thirty water samples were not processed. It is difficult to speculate how these unprocessed samples would have impacted the overall distribution of the species matches.

However, as there was a wide diversity of species matches that were noted from the remainder of the data, it is unlikely that the overall species diversity would change, but rather a potential for minor changes among the percentage matches for each species is possible.

Recently, the Rincon Point homeowners approved a plan for annexation of their homes to public sewer lines of the Carpinteria Sanitary District. The plan, currently in the environmental planning stage, would bring sanitary sewer infrastructure to the community and allow for the conversion of all 74 residences from septic to sewer. Projected completion of connection to the Sanitary District wastewater treatment plant is scheduled for approximately the Fall of 2001. In an area that is known to have septic system problems, the most prudent source reduction strategy is conversion to sanitary sewer whenever possible. This study confirms the need for the Rincon Point community to establish sanitary sewer disposal for domestic wastewater. This process will also include the proper destruction of existing septic systems during the conversion process. Careful monitoring of water quality conditions should be carried out after the conversion process is completed to ascertain any improvements in overall water quality.

## 5.0 Summary

Although all study goals were achieved, there still remain many obstacles to reliance on this technique for widespread usage. Some of the problems that will need to be overcome include:

- Potential interference from many sources in the watershed. It is critical that the scope of the application in a natural environment be as focused as possible.
- Relatively high expense for ongoing monitoring or extensive studies.
- Protracted timeframe between sample submission and test results.
- Inability to address potential public health risk based on findings.



The study was effective in:

- ✓ Identifying sources of fecal coliform pollution.
- ✓ Providing a rough assessment of location within the watershed of these source contributions within the scope of this study workplan.
- ✓ Providing focus and guidance to potential source reduction strategies.
- ✓ Increasing experience of local staff with source and water collection techniques.
- ✓ Development of the first component of a local database for *E.coli* ribotypes if future studies and technique application are contemplated.
- ✓ Providing reassurance to the local community that conversion of septic systems, in this particular watershed, to a sanitary sewer collection system will likely reduce the amount of human waste in the watershed.

**Table 1**  
**Rincon Creek Watershed Fecal Sample Sources**

Genera	Common Name	Number of Fecal Samples Collected (208 Total)
	Birds	
RALLIDAE	Coots	4
COLUMBIDAE	Dove- Pigeons	
	Rock (Pigeons)	10
	Mourning	10
ANATIDAE	Ducks- Mallard	11
ARDEIDAE	Egret-	5
	Great	
	Snowy	
ARDEIDAE	Heron	2
	Great-Blue	8
	Green-Backed	
	Night	
PELECANIDAE	Pelicans	10
LARIDAE	Sea Gulls-	7
	Western	3
	California	
	Ringbilled	
HIRUNDINIDAE	Swallows	10
	Mammals	
URSIDAE	Bear	1
FELIDAE	Cats	
	Bobcat	3
	Domestic	20
BOVIDAE	Cattle	20
CANIDAE	Coyote	5
CANIDAE	Dogs	20
EQUIDAE	Horses	20
HOMO SAPIENS	Humans	20
DIDELPHICAE	Opossums	5
PROCYANIDAE	Raccoon	4
HETEROMYIDAE	Rats	6
MUSTELIDAE	Skunks	6

## Table 2

### Matches of water samples to species at each sample location

Species	# of Matches	% of Total Matches	Ocean	Lagoon	Culvert
Human	25	20%	11	14	0
Duck	14 <sup>1</sup>	11%	3	6	3
Dog	12	10%	3	7	2
Seagull	11	9%	2	5	4
Raccoon	8	6%	1	4	3
Opossum	8	6%	3	2	3
Horse	7	6%	2	0	5
Cat	7	6%	1	3	3
Coyote	6	5%	1	0	5
Cow	5	4%	1	0	4
Bobcat	3	2%	0	2	1
Raven	3	2%	0	0	3
Rodent	3	2%	1	0	2
Pelican/Seagull	3	2%	1	2	0
Otter	3	2%	0	0	3
Skunk	2	2%	0	2	0
Sheep	1	1%	0	1	0
Fox	1	1%	0	0	1
Beaver	1	1%	0	0	1
Swallow	1	1%	1	0	0
<b>TOTAL</b>	<b>124</b>	<b>100%</b>	<b>31</b>	<b>48</b>	<b>43</b>

## Table 2A

### Matches to Domestic Sources

Species	# of Matches	% of Total Matches
Human	25	20%
Dog	12	10%
Horse	7	6%
Cat	7	6%
Cow	5	4%
Sheep	1	1%
<b>TOTAL</b>	<b>57</b>	<b>46%</b>

<sup>1</sup> Site 4 (located in Long Creek- a tributary to Rincon Creek) accounted for 2 matches. Both were for the duck species. These matches were accounted for in total matches but the site location is not shown on this chart.

**Table 3**  
**Fecal Coliform Concentrations**

Date	Sample ID	Fecal Coliform		Date	Sample ID	Fecal Coliform		Date	Sample ID	Fecal Coliform	
		Colilert (mpn)	CFU's/ 100ml			Colilert (mpn)	CFU's/ 100ml			Colilert (mpn)	CFU's/ 100ml
5/19/99	RC-1-A1	74	40	5/24/99	RC-1-C1	10	40	5/26/99	RC-1-E1	359	300
5/19/99	RC-1-A2	187	160	5/24/99	RC-1-C2	<10	10	5/26/99	RC-1-E2	131	110
5/19/99	RC-1-A3	142	80	5/24/99	RC-1-C3	41	50	5/26/99	RC-1-E3	135	170
5/19/99	RC-1-A4	131	50	5/24/99	RC-1-C4	20	70	5/26/99	RC-1-E4	201	80
5/19/99	RC-1-A5	31	60	5/24/99	RC-1-C5	10	90	5/26/99	RC-1-E5	211	230
5/19/99	RC-2-A1	158	190	5/24/99	RC-2-C1	63	50	5/26/99	RC-2-E1	97	80
5/19/99	RC-2-A2	98	70	5/24/99	RC-2-C2	41	90	5/26/99	RC-2-E2	85	120
5/19/99	RC-2-A3	98	80	5/24/99	RC-2-C3	74	80	5/26/99	RC-2-E3	197	40
5/19/99	RC-2-A4	109	50	5/24/99	RC-2-C4	73	70	5/26/99	RC-2-E4	74	50
5/19/99	RC-2-A5	246	140	5/24/99	RC-2-C5	52	60	5/26/99	RC-2-E5	97	100
5/19/99	RC-3-A1	10	20	5/24/99	RC-3-C1	<10	20	5/26/99	RC-3-E1	52	60
5/19/99	RC-3-A2	52	<10	5/24/99	RC-3-C2	<10	10	5/26/99	RC-3-E2	31	20
5/19/99	RC-3-A3	<10	20	5/24/99	RC-3-C3	20	60	5/26/99	RC-3-E3	30	10
5/19/99	RC-3-A4	<10	10	5/24/99	RC-3-C4	20	80	5/26/99	RC-3-E4	<10	50
5/19/99	RC-3-A5	10	40	5/24/99	RC-3-C5	<10	80	5/26/99	RC-3-E5	<10	40
5/20/99	RC-1-B1	<10	20	5/24/99	RC-1-C5DUP	31	10	5/26/99	RC-4-E1	132	70
5/20/99	RC-1-B2	10	20	5/25/99	RC-1-D1	98	90	5/27/99	RC-1-F1	<10	30
5/20/99	RC-1-B3	63	70	5/25/99	RC-1-D2	109	100	5/27/99	RC-1-F2	52	30
5/20/99	RC-1-B4	10	110	5/25/99	RC-1-D3	84	70	5/27/99	RC-1-F3	31	20
5/20/99	RC-1-B5	10	30	5/25/99	RC-1-D4	201	180	5/27/99	RC-1-F4	20	140
5/20/99	RC-2-B1	<10	80	5/25/99	RC-1-D5	52	30	5/27/99	RC-1-F5	73	80
5/20/99	RC-2-B2	<10	90	5/25/99	RC-2-D1	52	30	5/27/99	RC-2-F1	52	80
5/20/99	RC-2-B3	41	80	5/25/99	RC-2-D2	10	30	5/27/99	RC-2-F2	74	50
5/20/99	RC-2-B4	31	50	5/25/99	RC-2-D3	52	40	5/27/99	RC-2-F3	52	80
5/20/99	RC-2-B5	20	120	5/25/99	RC-2-D4	20	40	5/27/99	RC-2-F4	108	140
5/20/99	RC-3-B1	20	70	5/25/99	RC-2-D5	41	40	5/27/99	RC-2-F5	226	100
5/20/99	RC-3-B2	20	70	5/25/99	RC-3-D1	31	10	5/27/99	RC-3-F1	122	120
5/20/99	RC-3-B3	<10	160	5/25/99	RC-3-D2	10	20	5/27/99	RC-3-F2	73	20
5/20/99	RC-3-B4	<10	80	5/25/99	RC-3-D3	<10	90	5/27/99	RC-3-F3	132	190
5/20/99	RC-3-B5	<10	30	5/25/99	RC-3-D4	<10	30	5/27/99	RC-3-F4	85	170
				5/25/99	RC-3-D5	<10	20	5/27/99	RC-3-F5	31	130

## Table 3 continued

Date	Sample ID	Fecal Coliform		Date	Sample ID	Fecal Coliform		Date	Sample ID	Fecal Coliform	
		Colilert (mpn)	CFU's/ 100ml			Colilert (mpn)	CFU's/ 100ml			Colilert (mpn)	CFU's/ 100ml
6/01/99	RC-1-G1	<10	<10	6/03/99	RC-1-J1	30	<10	6/04/99	RC-1-K1	10	30
6/01/99	RC-1-G2	10	40	6/03/99	RC-1-J2	10	10	6/04/99	RC-1-K2	74	60
6/01/99	RC-1-G3	10	<10	6/03/99	RC-1-J3	<10	<10	6/04/99	RC-1-K3	145	180
6/01/99	RC-1-G4	10	<10	6/03/99	RC-1-J4	10	10	6/04/99	RC-1-K4	118	230
6/01/99	RC-1-G5	20	<10	6/03/99	RC-1-J5	<10	<10	6/04/99	RC-1-K5	285	430
6/01/99	RC-2-G1	85	90	6/03/99	RC-2-J1	63	130	6/04/99	RC-2-K1	31	140
6/01/99	RC-2-G2	41	90	6/03/99	RC-2-J2	20	90	6/04/99	RC-2-K2	63	140
6/01/99	RC-2-G3	309	230	6/03/99	RC-2-J3	10	140	6/04/99	RC-2-K3	108	130
6/01/99	RC-2-G4	233	80	6/03/99	RC-2-J4	62	130	6/04/99	RC-2-K4	73	300
6/01/99	RC-2-G5	52	80	6/03/99	RC-2-J5	84	100	6/04/99	RC-2-K5	85	330
6/01/99	RC-3-G1	10	30	6/03/99	RC-3-J1	10	40	6/04/99	RC-3-K1	<10	50
6/01/99	RC-3-G2	<10	30	6/03/99	RC-3-J2	20	40	6/04/99	RC-3-K2	<10	70
6/01/99	RC-3-G3	20	40	6/03/99	RC-3-J3	20	20	6/04/99	RC-3-K3	<10	20
6/01/99	RC-3-G4	<10	40	6/03/99	RC-3-J4	20	20	6/04/99	RC-3-K4	<10	30
6/01/99	RC-3-G5	10	30	6/03/99	RC-3-J5	10	30	6/04/99	RC-3-K5	<10	60
6/02/99	RC-1-H1	<10	<10								
6/02/99	RC-1-H2	10	10								
6/02/99	RC-1-H3	<10	<10								
6/02/99	RC-1-H4	10	<10								
6/02/99	RC-1-H5	<10	<10								
6/02/99	RC-2-H1	97	40								
6/02/99	RC-2-H2	160	130								
6/02/99	RC-2-H3	74	220								
6/02/99	RC-2-H4	52	130								
6/02/99	RC-2-H5	120	210								
6/02/99	RC-3-H1	41	60								
6/02/99	RC-3-H2	10	60								
6/02/99	RC-3-H3	31	50								
6/02/99	RC-3-H4	52	50								
6/02/99	RC-3-H5	20	30								

**Table 4**  
**Fecal Coliform Concentrations per Sample Site**

Date	Fecal Coliform (mpn)/100ml					
	Surfzone		Lagoon		Culvert	
	Median	Average	Median	Average	Median	Average
05/20/1999	10	23.3	31	30.7	20	20
05/24/1999	15	20.3	63	60.6	20	20
05/25/1999	98	108.8	41	35	20.5	20.5
05/26/1999	201	207.4	97	110	31	37.7
05/27/1999	41.5	44	74	102.4	85	88.6
06/01/1999	10	12.5	85	144	10	13.3
06/04/1999	118	126.4	73	72	<10	<10

**Table 5**  
**Field Measurements (pH, Temperature and Tidal Cycles)**  
**at various sampling locations and sampling dates**

pH			Temperature °C			Tide (ft)
Ocean	Lagoon	Culvert	Ocean	Lagoon	Culvert	Changes
8.23	8.02	8.14	17.5	17.5	16.4	+0.5
8.24	8.26	8.2	18.6	17	17.3	+0.5
7.85	7.83	8.15	15.6	14.7	14	-0.8
7.7	8.06	7.77	15.8	15.6	15.6	-0.7
8.03	8.04	8.16	16.7	16.9	15.9	-1.1
8.17	8.18	7.9	16.5	16.8	15.6	-0.5
8.45	8.22	8.14	16.8	15.6	14.7	+0.5
8.35	8.33	8.06	15.7	15.5	15.2	+0.5
8.16	8.22	8.43	19.6	22	16.3	+0.5
8.37	8.41	8.22	14.9	15.6	13.8	+0.5

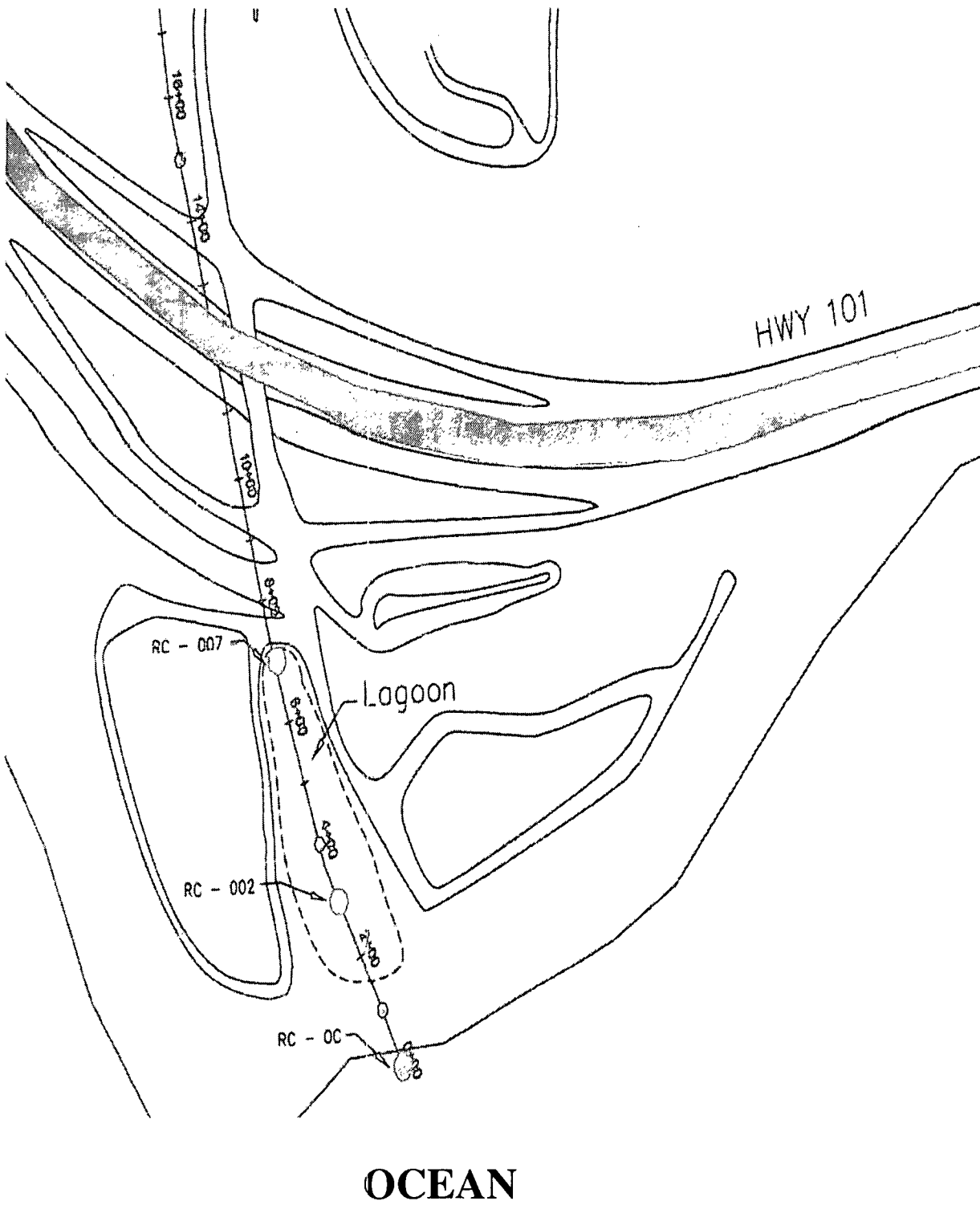
# Figure 1

Aerial Photo of the Rincon Creek Watershed



# Figure 1A

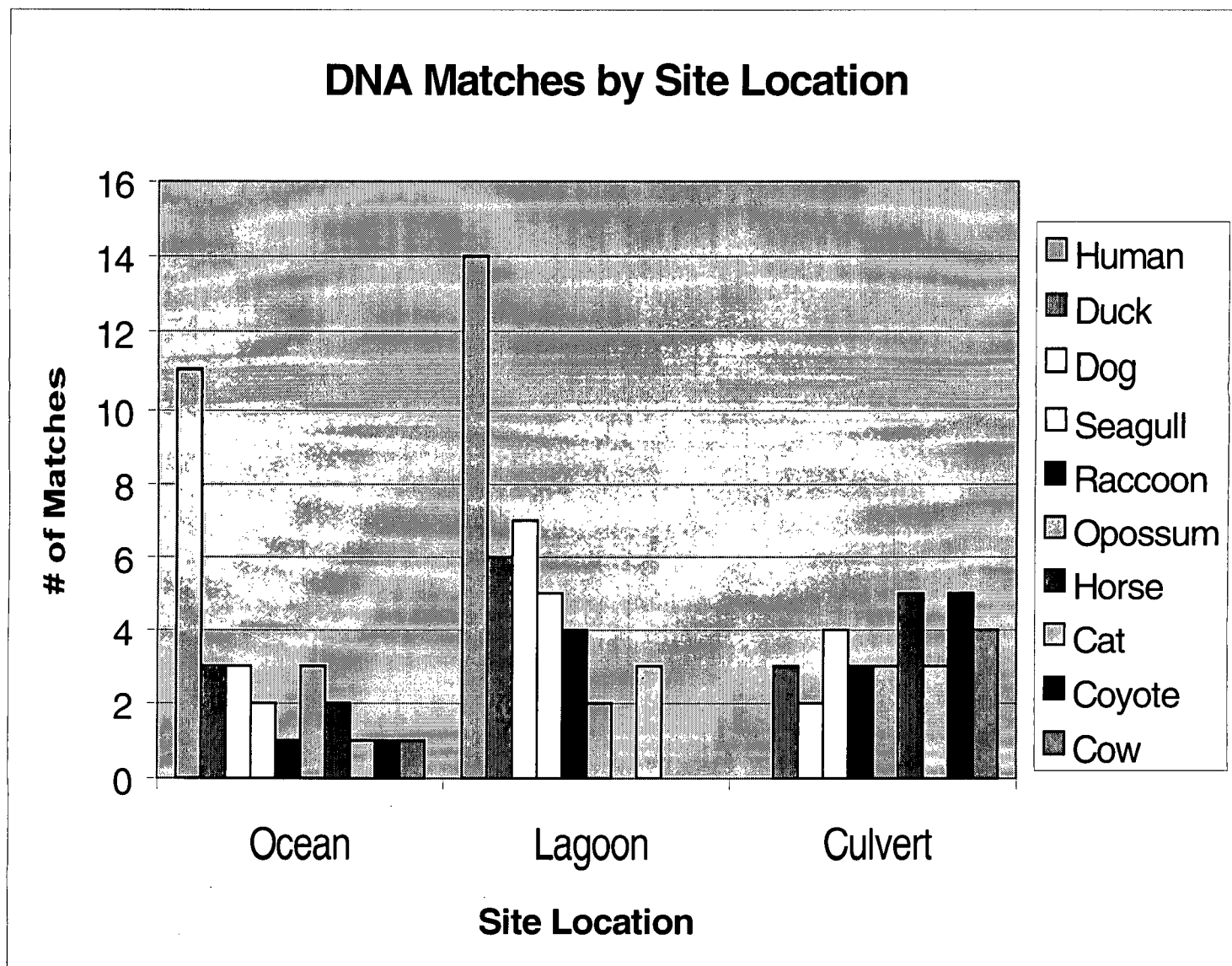
## Sampling Locations in Lower Rincon Creek Watershed





## Figure 2

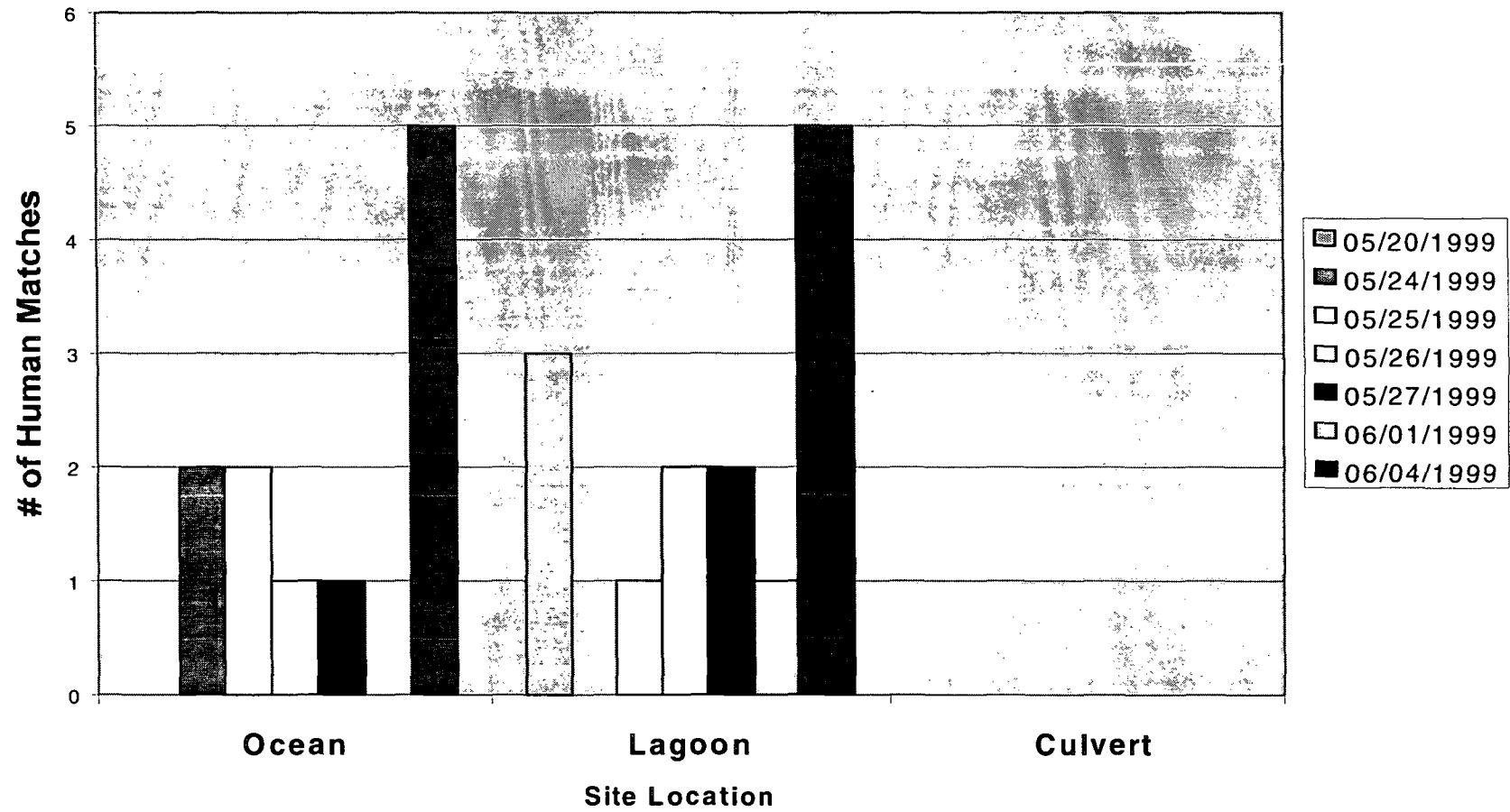
**Summary of species matches per sample locations**  
(Note, only species with over 4% of matches are presented in figure)



Note: Sample Site #4 not depicted on this figure

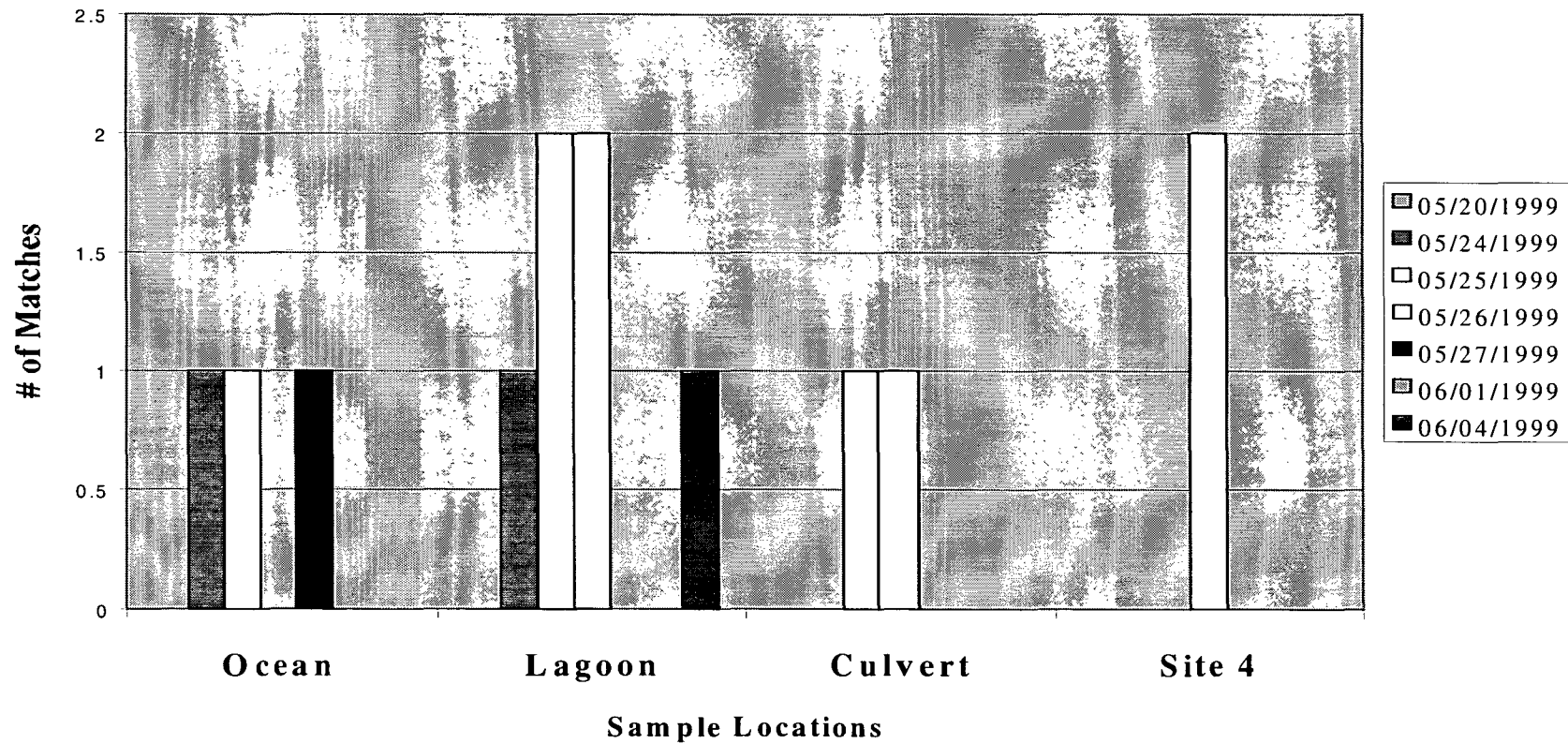
**Figure 3**

**Rincon DNA Human Matches by Date**



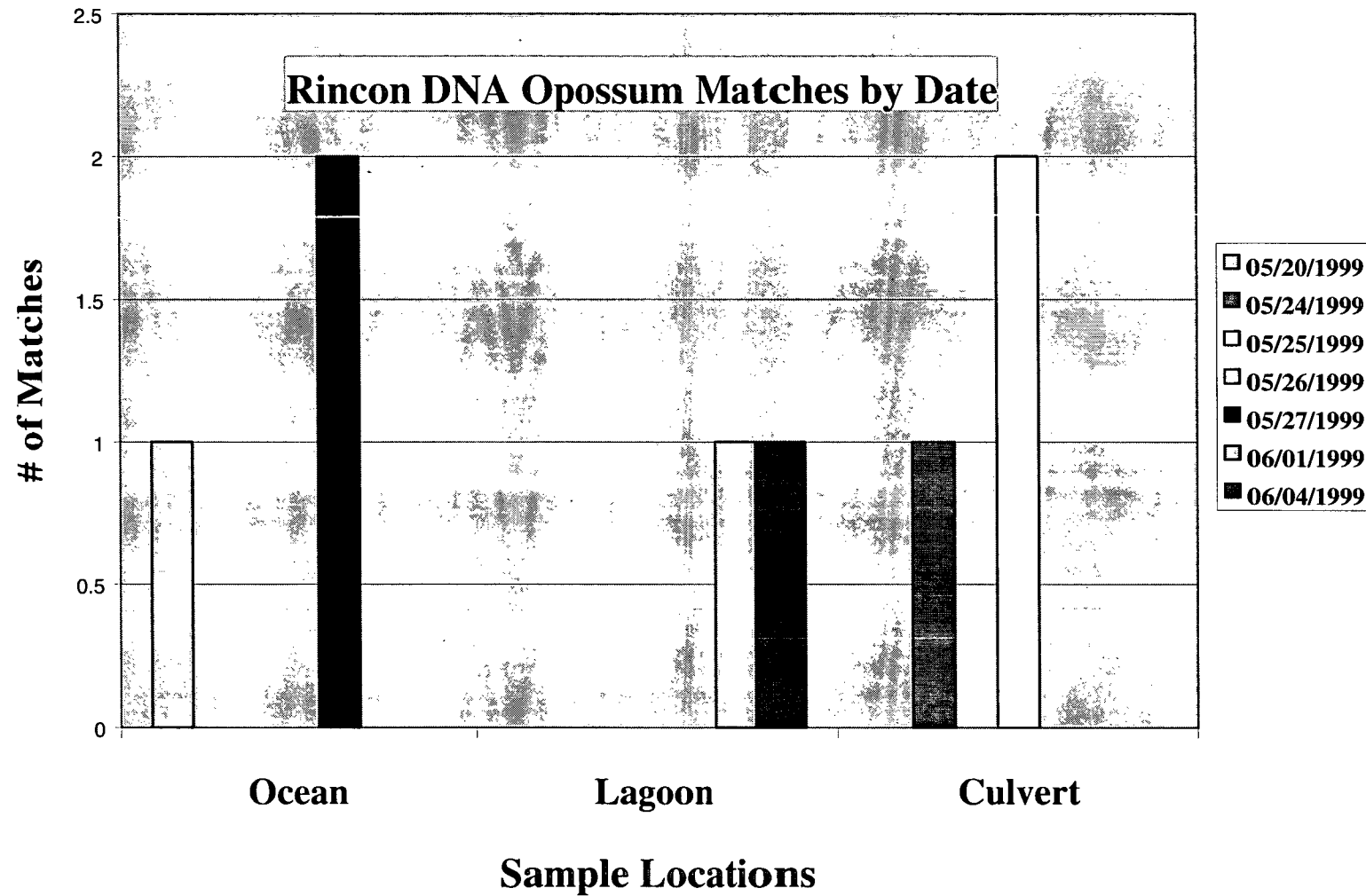
# Figure 4

## Rincon DNA Duck Matches by Date



Site 4 = Long Creek Tributary

# FIGURE 5



# APPENDIX A

## Project Clean Water Source Control Recommendations For Pet and Domestic Animal Waste Management

### PETS

#### On a walk

Picking up after your pet while out on a walk insures that waste will not wash into catch basins that drain to creeks and eventually to the ocean. Picking up after your pet on the beach stops the direct flow of waste to the ocean.

**Remember, it is illegal not to pick up your dog's waste.**

- Always carry a plastic bag with you when you take your dog for a walk. Plastic grocery and vegetable bags work well. Place your hand in the bag, pick up the waste, then turn the bag inside out.
- Commercial "scoopers" can also be purchased to make proper disposal of pet waste even easier. Check pet stores and catalogs.
- Dogs can be trained to "take care of business" at the beginning of a walk so you can dispose of the waste right away.

#### Clean up at home

Pet owners have many different ways of cleaning up after their pets at home. Here are a few that are creek and ocean friendly:

- Smaller quantities of pet waste can be left to decompose slowly on permeable surfaces.
- Larger amounts should be scooped and placed in the trash. One method suggested for this is to place a plastic bag in a 5-gallon trash can with a lid. When you pick up dog droppings in your yard, put them in that trash can, then cover them with a sprinkling of powdered lime (available at building supply stores) and close the lid. Each time you clean up the yard and add droppings to the container, add more lime. When the container is full, tie the bag closed and put it in your regular trash container.
- A more innovative method, which not only disposes of pet waste but also creates fertilizer, is to install a disposal system, commercially available through pet owners' and gardening catalogs. These systems use bacterial and enzymatic cultures which reduce the waste to a liquid, which is then absorbed into the soil.

### Domestic Animal Waste

Animal waste contains nutrients that make great fertilizer, but cause problems for aquatic life in creeks, wetlands and the ocean. It also contains bacteria, which can cause gastro-intestinal disorders and other medical problems for swimmers and anyone who may come in contact with the water. When it rains, or

sometimes during irrigation, animal waste left uncovered or stored improperly near creeks and storm drains can flow, untreated, directly to the ocean. As a result:

- Nutrients in animal waste fertilize aquatic plants; they grow and take oxygen away from other aquatic life, which then causes the aquatic life to die.
- Sediment in runoff from livestock facilities harms aquatic life by clogging the gills of fish, blocking sunlight, and raising water temperatures.
- When the bacterial level in ocean water gets too high, beaches close to protect the public.
- Caring for domestic animals sometimes requires the use of pesticides. These chemicals may also wash into creeks and flow to the ocean, harming aquatic life and people.

#### Planning Ahead

- Place barns, corrals and other high-use areas so that rain or irrigation will carry runoff away from the nearest creek. Surround the area with pasture, if possible.
- Divert runoff from your property so that it doesn't cross livestock areas.
- If possible, design diversion terraces which allow runoff to be filtered through vegetation.

#### Grazing

- Divide grazing areas into 3 or more units of equal size and rotate animals.
- When grass is grazed down to 3 or 4 inches move them to another section, allowing the grass to grow to 8 to 10 inches before allowing regrazing.
- Keep animals away from wet fields, and indoors if possible, during rainfall.

#### Clean-up and Storage

- Gather up soiled bedding and manure on a daily basis from stalls and paddocks.
- Place it in sturdy, insect resistant, leak-proof containers:
  - Plastic garbage cans with lids
  - Fly-tight wooden or concrete storage sheds
  - Composters
  - Pits or trenches lined with an impermeable layer

#### Then What?

- Compost the material for your own use or donate it to local nurseries or botanic gardens.
- Use it to fertilize pastures, but **not just before or during a rainstorm.**
- Transport the material to topsoil companies or composting centers.

See e-mail  
sent 5/8/01  
File name:  
BEACHREPORT weekly  
rwcgb.exl

# RINCON- Mouth

Fac: ID# 012522

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Rincon mouth	3/10/97	10			10			1			1.00	
	3/17/97	530			100			99			0.19	
	3/24/97	10			10			NA			1.00	
	3/31/97	2,880			10			738			0.00	
	5/5/97	10	69	No	10	16		64	47		1.00	
	5/13/97	990	172	No	310	31		254	186	Yes	0.31	
	5/19/97	16,520	342	No	420	42	Yes	504	279	Yes	0.03	
	5/27/97	10	342	No	10	42		42	191		1.00	
	6/2/97	20,050	505	Yes	10	42		75	121		0.00	
	6/9/97	10,130	2015	Yes	200	76		164	146	Yes	0.02	
	6/16/97	4,060	2672	No	100	61		738	181	Yes	0.02	
	6/23/97	20,100	2779	Yes	100	46		87	127		0.00	
	6/30/97	20,100	12721	Yes	420	97	Yes	64	138		0.02	
	7/7/97	20,050	12721	Yes	200	176		42	123		0.01	
	7/14/97	100	5051	No	10	97		1	44		0.10	
	7/21/97	14,450	6511	Yes	990	153	Yes	111	30	Yes	0.07	
	7/23/97	10	1422	No	10	96		1	12		1.00	
	7/28/97	10	311	No	10	46		10	9		1.00	
	8/4/97	5,910	243	No	2,540	76	Yes	10	6		0.43	
	8/11/97	10	154	No	10	76		1	6		1.00	
	8/18/97	1,640	99	No	10	30		10	4		0.01	
	8/25/97	420	210	No	100	48		1	4		0.24	
	9/2/97	750	498	No	10	48		31	5		0.01	
	9/8/97	6,590	509	No	10	16		10	5		0.00	
	9/15/97	10	509	No	10	16		1	5		1.00	
	9/22/97	310	365	No	10	16		1	3		0.03	
	9/29/97	310	343	No	10	10		1	3		0.03	
	10/6/97	750	343	No	100	16		53	4		0.13	
	10/13/97	10	94	No	10	16		1	2		1.00	
	10/20/97	10	94	No	10	16		1	2		1.00	

	10/27/97	1,240	124	No		210	29	No		100	6	No		0.17	No	
	11/3/97	10	62	No		10	29	No		20	10	No		1.00	No	
	11/10/97	20,050	120	Yes		870	45	Yes		478	16	Yes		0.04	No	
	11/12/97	10	120	No		10	45	No		1	16	No		1.00	No	
	11/17/97	200	218	Yes		10	45	No		1	16	No		0.05	No	
	11/24/97	10	83	No		10	24	No		42	13	No		1.00	No	
	12/1/97	200	152	No		10	24	No		64	17	No		0.05	No	
	12/8/97	10,462	133	No		109	16	No		124	13	Yes		0.01	No	
	12/10/97	6,131	481	No		601	37	Yes		560	45	Yes		0.10	No	
	12/15/97	2,046	765	No		52	51	No		10	71	No		0.03	No	
	12/22/97	314	1525	No		168	89	No		10	54	No		0.54	No	
	12/29/97	169	1474	No		41	119	No		1	23	No		0.24	No	
	1/5/98	6,488	1340	No		109	119	No		178	25	Yes		0.02	No	
	1/12/98	1,483	1009	No		41	69	No		42	15	No		0.03	No	
	1/20/98	201	634	No		10	50	No		1	9	No		0.05	No	
	1/27/98	9,804	1262	No		158	49	No		254	18	Yes		0.02	No	
	2/2/98	354	1463	No		1	23	No		406	60	Yes		0.00	No	
	2/9/98	3,654	1305	No		30	18	No		87	52	No		0.01	No	
	2/17/98	4,611	1637	No		107	22	No		222	72	Yes		0.02	No	
	2/23/98	30,000	4455	Yes		96	34	No		207	210	Yes		0.00	No	
	3/2/98	11,199	4575	Yes		20	23	No		75	165	No		0.00	No	
	3/9/98	24,192	10649	Yes		10	36	No		53	110	No		0.00	No	
	3/16/98	1,968	9409	No		31	36	No		87	110	No		0.02	No	
	3/23/98	1,019	6957	No		20	26	No		20	68	No		0.02	No	
	3/30/98	30,000	6957	Yes		96	26	No		111	60	Yes		0.00	No	
	4/6/98	1,565	4694	No		1	14	No		20	46	No		0.00	No	
	4/13/98	2,282	2927	No		84	22	No		10	33	No		0.04	No	
	4/20/98	122	1678	No		1	11	No		1	13	No		0.01	No	
	4/27/98	1,043	1686	No		148	16	No		53	16	No		0.14	No	
	5/4/98	324	682	No		1	7	No		10	10	No		0.00	No	
	5/11/98	1,137	640	No		364	21	No		1	6	No		0.32	No	
	5/18/98	2,359	644	No		645	32	Yes		87	9	No		0.27	No	
	5/26/98	663	903	No		62	74	No		31	17	No		0.09	No	
	6/1/98	2,142	1043	No		669	99	Yes		137	21	Yes		0.31	No	
	6/8/98	12,997	2182	Yes		3,725	515	Yes		192	37	Yes		0.29	Yes	
	6/15/98	8,664	3276	No		41	333	No		504	129	Yes		0.00	Yes	
	6/22/98	3,076	3454	No		738	342	Yes		453	179	Yes		0.24	Yes	
	6/29/98	2,489	4501	No		820	573	Yes		137	242	Yes		0.33	Yes	
	7/6/98	24,192	7309	Yes		17,329	1099	Yes		99	226	No		0.72	Yes	



	7/13/98	2,382	5206	No	1,726	942	Yes	75	188	No	0.72	Yes	
	7/20/98	9,804	5336	No	211	1307	No	306	170	Yes	0.02	Yes	
	7/27/98	5,748	6047	No	63	799	No	207	145	Yes	0.01	Yes	
	8/3/98	341	4063	No	31	415	No	150	148	Yes	0.09	Yes	
	8/10/98	30,000	4242	Yes	15,531	406	Yes	1013	235	Yes	0.52	Yes	
	8/17/98	9,804	5629	No	148	248	No	271	304	Yes	0.02	Yes	
	8/24/98	2,613	4321	No	233	253	No	1	97	No	0.09	Yes	
	8/31/98	1,354	3236	No	52	244	No	87	81	No	0.04	Yes	
	9/8/98	3,255	5081	No	74	290	No	238	89	Yes	0.02	Yes	
	9/14/98	2,755	3152	No	135	112	No	238	67	Yes	0.05	No	
	9/21/98	130	1328	No	20	75	No	20	40	No	0.15	No	
	9/28/98	4,106	1453	No	246	76	No	87	97	No	0.06	No	
	10/5/98	2,851	1687	No	265	105	No	99	100	No	0.09	No	
	10/12/98	1,882	1512	No	74	105	No	64	77	No	0.04	No	
	10/19/98	2,613	1496	No	187	113	No	150	70	Yes	0.07	No	
	10/26/98	160	1559	No	20	113	No	1	38	No	0.13	No	
	11/2/98	907	1153	No	148	102	No	143	42	Yes	0.16	No	
	11/9/98	146	636	No	20	61	No	1	17	No	0.14	No	
	11/16/98	350	454	No	20	47	No	10	12	No	0.06	No	
	11/23/98	10	149	No	10	26	No	1	4	No	1.00	No	
	11/30/98	1,106	220	No	148	39	Yes	175	12	Yes	0.13	No	
	12/7/98	860	217	No	171	40	No	148	12	Yes	0.20	No	
	12/14/98	512	279	No	74	52	No	31	24	No	0.14	No	
	12/21/98	959	342	No	52	63	No	109	39	Yes	0.05	No	
	12/28/98	521	754	No	160	109	No	63	89	No	0.31	No	
	1/4/99	1,573	809	No	10	64	No	1	32	No	0.01	No	
	1/11/99	464	715	No	41	48	No	10	18	No	0.09	No	
	1/19/99	5,475	1148	Yes	5,172	112	Yes	243	28	No	0.94	Yes	
	1/25/99	2,046	1336	Yes	218	149	Yes	213	32	No	0.11	Yes	
	2/1/99	134	1018	Yes	10	86	No	20	25	No	0.07	No	
	2/8/99	1,450	1002	Yes	85	131	No	107	64	Yes	0.06	No	
	2/16/99	331	937	Yes	10	99	No	41	85	Yes	0.03	No	
	2/22/99	373	547	Yes	130	47	No	20	52	Yes	0.35	No	
	3/1/99	382	391	No	52	36	No	20	32	No	0.14	No	
	3/8/99	86	358	No	74	53	No	20	32	No	0.86	No	
	3/15/99	30,000	656	No	5,475	122	No	2613	61	Yes	0.18	Yes	
	3/22/99	2,282	965	Yes	265	236	Yes	175	82	Yes	0.12	Yes	closed
	3/29/99	504	1025	Yes	85	216	Yes	10	71	Yes	0.17	No	closed
	4/5/99	650	1140	Yes	51	216	Yes	131	104	Yes	0.08	No	closed

	4/12/99	7,270	2770	Yes		122	238	Yes		197	164	Yes		0.02	No	closed
	4/19/99	223	1039	Yes		30	84	No		20	62	Yes		0.13	No	
	4/26/99	565	786	No		31	55	No		41	46	Yes		0.05	No	
	5/3/99	63	519	No		41	47	No		3	36	Yes		0.65	No	
	5/10/99	97	354	No		10	34	No		84	33	No		0.10	No	
	5/17/99	556	212	No		10	21	No		41	24	No		0.02	No	
	5/24/99	4,106	380	No		31	21	No		74	32	No		0.01	No	
	6/1/99	3	133	No		3	13	No		20	27	No		1.00	No	
	6/7/99	86	142	No		3	8	No		3	27	No		0.03	No	
	6/14/99	250	171	No		97	12	No		41	24	No		0.39	No	
	6/22/99	934	190	No		173	22	No		30	22	No		0.19	No	
	6/28/99	134	96	No		3	14	No		10	15	No		0.02	No	
	7/6/99	528	269	No		20	20	No		30	16	No		0.04	No	
	7/19/99	594	397	No		10	25	No		3	16	No		0.02	No	
	7/26/99	5,794	744	No		119	26	No		30	15	No		0.02	No	
	8/2/99	336	606	No		10	15	No		10	12	No		0.03	No	
	8/9/99	10	361	No		3	15	No		3	10	No		0.30	No	
	8/16/99	1,187	424	No		63	19	No		10	8	No		0.05	No	
	8/23/99	727	442	No		10	19	No		3	8	No		0.01	No	
	8/30/99	368	254	No		30	14	No		3	5	No		0.08	No	
	9/7/99	1,112	323	No		31	18	No		3	4	No		0.03	No	
	9/13/99	422	683	No		10	23	No		3	4	No		0.02	No	
	9/20/99	85	403	No		20	18	No		10	4	No		0.24	No	
	9/27/99	246	325	No		52	25	No		10	5	No		0.21	No	
	10/4/99	435	336	No		41	27	No		3	5	No		0.09	No	
	10/11/99	226	244	No		41	28	No		3	5	No		0.18	No	
	10/18/99	1,236	303	No		146	48	No		41	8	No		0.12	Yes	
	10/25/99	337	399	No		10	42	No		20	9	No		0.03	No	
	11/1/99	637	482	No		313	60	No		31	12	No		0.49	No	
	11/8/99	12,033	937	No		605	103	No		288	29	No		0.05	No	
25yds West	11/15/99	10	502	No		3	61	No		3	29	No		0.30	No	
25yds West	11/22/99	529	424	No		98	56	No		41	29	No		0.19	No	
25yds West	11/29/99	3	165	No		3	44	No		10	26	No		1.00	No	
25yds West	12/6/99	3	56	No		3	17	No		20	23	No		1.00	No	51
25yds West	12/13/99	3	11	No		3	6	No		3	9	No		1.00	No	
25yds West	12/20/99	20	12	No		10	8	No		20	14	No		0.50	No	
25yds West	12/27/99	146	10	No		10	5	No		10	10	No		0.07	No	
25yds West	1/3/00	10	12	No		3	5	No		3	8	No		0.30	No	
25yds West	1/10/00	52	21	No		20	7	No		3	6	No		0.38	No	

25yds West	1/18/00	2,359	81	No	41	12	No	97	11	No	0.02	No
25yds West	1/24/00	31	89	No	10	12	No	10	10	No	0.32	No
25yds West	1/31/00	888	128	No	158	21	No	158	17	Yes	0.18	No
25yds West	RE 2/2/00	465	275	No	120	43	No	41	29	No	0.26	No
25yds West	2/7/00	218	366	No	41	50	No	3	29	No	0.19	No
25yds West	2/14/00	4,106	409	No	384	79	No	173	32	Yes	0.09	No
25yds West	2/22/00	3,654	1062	No	31	98	No	230	60	Yes	0.01	No
25yds West	2/28/00	1,376	1159	No	10	57	No	41	46	No	0.01	No
25yds West	3/6/00	30,000	2667	Yes	504	76	Yes	3654	112	Yes	0.02	No
	re-03/08/2000	30,000	7142	Yes	624	130	Yes	9804	567	Yes	0.02	No
25yds West	3/13/00	301	4213	No	10	85	No	3	237	Yes	0.03	No
25yds West	3/20/00	52	2034	No	3	38	No	3	120	No	0.06	No
25yds West	3/27/00	52	1001	No	3	26	No	3	58	No	0.06	No
25yds West	4/3/00	10	441	No	3	21	No	10	46	No	0.30	No
25yds West	4/10/00	10	38	No	3	4	No	3	4	No	0.30	No
25yds East/Rain	4/17/00	30,000	96	Yes	17,329	17	Yes	24192	23	Yes	0.58	Yes
25yds West	re-04/19/2000	323	138	No	10	22	No	52	41	No	0.03	No
25yds West	4/24/00	697	232	No	20	32	No	3	41	No	0.03	No
25yds West	5/1/00	20	267	No	3	32	No	3	32	No	0.15	No
25yds West	5/8/00	3	210	No	3	32	No	3	32	No	1.00	No
25yds West	5/15/00	3	33	No	3	6	No	3	5	No	1.00	No
25yds West	5/22/00	780	40	No	41	7	No	4	3	No	0.05	No
25yds West	5/30/00	10	17	No	3	5	No	3	3	No	0.30	No
25yds West	6/5/00	10	15	No	3	5	No	3	3	No	0.30	No
25yds West	6/12/00	30	23	No	3	5	No	3	3	No	0.10	No
25yds West	6/19/00	3	23	No	3	5	No	3	3	No	1.00	No
25yds West	6/26/00	41	13	No	41	5	No	201	7	Yes	1.00	No
25yds West	re-06/28/2000	20	15	No	10	6	No	3	7	No	0.50	No
25yds West	7/5/00	3	12	No	3	6	No	3	7	No	1.00	No
25yds West	7/10/00	20	11	No	3	6	No	3	7	No	0.15	No
25yds West	7/17/00	12,033	57	Yes	11,199	33	Yes	6488	32	Yes	0.93	Yes
25yds West	re7/19/2000	373	88	No	74	38	No	3	14	No	0.20	No
25yds West	7/24/00	63	111	No	41	50	No	3	14	No	0.65	No
	7/31/00	31	177	No	3	50	No	3	14	No	0.10	No
	8/7/00	135	260	No	10	63	No	20	20	No	0.07	No
	8/14/00	20	72	No	3	12	No	10	6	No	0.15	No
	8/21/00	9,804	139	No	185	15	No	41	9	No	0.02	No
	8/28/00	134	162	No	41	15	No	20	14	No	0.31	No
	9/5/00	41	171	No	10	19	No	3	14	No	0.24	No

	9/11/00	31	127	No		3	15	No		10	12	No		0.10	No	
	9/18/00	134	186	No		3	15	No		10	12	No		0.02	No	
	9/25/00	110	76	No		3	6	No		3	7	No		0.03	No	
	10/2/00	63	74	No		3	6	No		3	6	No		0.05	No	
	10/9/00	9,804	150	No		288	8	No		63	7	No		0.03	No	
	10/17/00	10	119	No		10	8	No		3	7	No		1.00	No	
	10/23/00	624	196	No		512	18	Yes		3	6	No		0.82	No	
	10/25/2000-re	148	199	No		41	29	No		199	10	Yes		0.28	No	
	10/30/00	1,187	296	No		52	46	No		63	17	No		0.04	No	
	11/6/00	246	372	No		134	87	No		10	20	No		0.54	No	
	11/13/00	3	97	No		3	40	No		10	15	No		1.00	No	
	11/20/00	20	108	No		3	33	No		3	15	No		0.15	No	
	11/27/00	173	87	No		63	23	No		213	30	Yes		0.36	No	
	12/4/00	10	56	No		3	15	No		10	19	No		0.30	No	
	12/11/00	3	21	No		3	9	No		3	11	No		1.00	No	
	12/18/00	110	18	No		3	5	No		3	9	No		0.03	No	
	12/26/00	20	25	No		3	5	No		3	7	No		0.15	No	
	1/2/01	10	22	No		10	6	No		3	7	No		1.00	No	
	1/8/01	75	19	No		10	4	No		74	6	No		0.13	No	
	1/16/01	85	27	No		31	7	No		3	5	No		0.36	No	
	1/22/01	161	53	No		3	7	No		52	8	No		0.02	No	
	1/29/01	31	43	No		10	8	No		10	10	No		0.32	No	
	2/5/01	10	38	No		3	8	No		3	10	No		0.30	No	
	2/12/01	1,935	92	No		41	10	No		98	18	No		0.02	No	
	2/20/01	122	100	No		63	14	No		41	16	No		0.52	No	
	2/26/01	3,873	189	No		41	15	No		203	33	Yes		0.01	No	
	2/28/01	395	220	No		10	18	No		20	28	No		0.03	No	
	3/6/01	3,873	491	No		52	23	No		160	45	Yes		0.01	No	
	3/8/01	389	904	No		10	29	No		20	61	No		0.03	No	
	3/12/01	213	626	No		3	19	No		3	34	No		0.01	No	
	3/19/01	41	522	No		3	11	No		10	27	No		0.07	No	
	3/26/01	31	233	No		10	9	No		10	16	No		0.32	No	
	4/2/01	41	160	No		10	9	No		3	12	No		0.24	No	
	4/9/01	2,359	147	No		95	10	No		20	8	No		0.04	No	
	4/16/01	98	117	No		31	12	No		10	8	No		0.32	No	
	4/23/01	3	57	No		3	12	No		3	8	No		1.00	No	

**CARPINTERIA STATE- Mouth**

Fac: ID# 012523

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Carp mouth	10/1/96	9,450			200			64			0.02	
	3/10/97	100			10			42			0.10	
	3/17/97	8,310			640			531			0.08	
	3/24/97	100			10			10			0.10	
	3/31/97	3,840	1247	Yes	10	42		99	68		0.00	
	5/5/97	100	502	Yes	100	36		20	54		1.00	
	5/19/97	10	317	Yes	10	36		1	25		1.00	
	5/27/97	10	83	No	10	16		1	7		1.00	
	6/2/97	200	95	No	10	16		1	5		0.05	
	6/9/97	10	29	No	10	16		1	2		1.00	
	6/16/97	10	18	No	10	10		1	1		1.00	
	6/23/97	10	18	No	10	10		10	2		1.00	
	6/30/97	10	18	No	10	10		1	2		1.00	
	7/7/97	10	10	No	10	10		1	2		1.00	
	7/14/97	10	10	No	10	10		1	2		1.00	
	7/21/97	10	10	No	10	10		1	2		1.00	
	7/28/97	640	23	No	10	10		1	1		0.02	
	8/4/97	200	42	No	200	18		42	2		1.00	
	8/11/97	10	42	No	10	18		1	2		1.00	
	8/18/97	200	76	No	200	33		1	2		1.00	
	8/25/97	10	76	No	10	33		1	2		1.00	
	9/2/97	10	33	No	10	33		1	2		1.00	
	9/8/97	200	33	No	10	18		1	1		0.05	
	9/15/97	10	33	No	10	18		1	1		1.00	
	9/22/97	200	33	No	10	10		1	1		0.05	
	9/29/97	10	33	No	10	10		1	1		1.00	
	10/6/97	750	79	No	100	16		53	2		0.13	
	10/13/97	10	43	No	10	16		10	4		1.00	

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10/20/97	200	79	No		10	16			10	6		0.05
10/27/97	200	79	No		200	29	No		164	15	No	1.00
11/3/97	10	79	No		10	29	No		20	28	No	1.00
11/10/97	10	33	No		10	18	No		1	13	No	1.00
11/17/97	10	33	No		10	18	No		1	8	No	1.00
11/24/97	10	18	No		10	18	No		1	5	No	1.00
12/1/97	900	25	No		200	18	No		99	5	No	0.22
12/8/97	15,530	107	No		119	30	No		453	9	No	0.01
12/10/97	3,448	344	Yes		1017	75	No		429	29	No	0.29
12/15/97	246	653	Yes		31	94	No		1	29	No	0.13
12/22/97	2,098	1902	Yes		189	170	No		10	45	Yes	0.09
12/29/97	10	773	Yes		1	59	No		31	36	Yes	0.10
1/5/98	960	443	Yes		97	57	No		20	19	No	0.10
1/12/98	24,192	654	Yes		3873	74	No		2010	26	No	0.16
1/15/98	63	498	Yes		1	37	No		20	48	Yes	0.02
1/20/98	691	399	No		109	33	No		75	72	Yes	0.16
1/27/98	3,436	1283	Yes		441	113	No		238	107	Yes	0.13
2/2/98	n/a	1379		n/a		117			2010	270	Yes	#VALUE!
2/9/98	2,909	812	Yes		52	40	No		111	151	Yes	0.02
2/17/98	839	1552	Yes		20	84	No		87	203	Yes	0.02
2/23/98	2,014	2027	Yes		20	55	No		192	245	Yes	0.01
3/2/98	364	1157	Yes		10	21	No		1	82	Yes	0.03
3/9/98	187	803	Yes		20	21	No		10	28	Yes	0.11
3/16/98	243	489	No		63	22	No		1	11	No	0.26
3/23/98	173	357	No		20	22	No		20	8	No	0.12
3/30/98	1,785	348	No		10	19	No		10	5	No	0.01
4/6/98	24,192	806	Yes		63	28	No		53	10	No	0.00
4/13/98	1,723	1256	Yes		63	35	No		1	6	No	0.04
4/20/98	132	1112	Yes		20	28	No		10	10	No	0.15
4/27/98	158	1092	Yes		10	24	No		64	13	No	0.06
5/4/98	206	709	Yes		40	32	No		31	16	No	0.19
5/11/98	1,597	412	Yes		282	43	No		178	20	No	0.18
5/18/98	480	319	No		41	39	No		31	41	Yes	0.09
5/26/98	1,850	541	Yes		313	68	No		137	68	Yes	0.17
6/1/98	1,334	828	Yes		422	144	No		20	54	Yes	0.32

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	6/8/98	1,250	1188	Yes		364	223	Yes		137	73	Yes		0.29
	6/15/98	1,785	1215	Yes		441	244	Yes		64	59	Yes		0.25
	6/22/98	1,224	1465	Yes		249	350	Yes		53	66	Yes		0.20
	6/29/98	240	974	Yes		63	254	Yes		1	25	No		0.26
	7/6/98	1,178	950	Yes		148	206	Yes		31	27	No		0.13
	7/13/98	11,199	1472	Yes		504	220	Yes		137	27	No		0.05
	7/15/98	4,106	1739	Yes		309	205	Yes		64	27	No		0.08
	7/20/98	15,531	2891	Yes		109	184	No		42	29	No		0.01
	7/22/98	30,000	7593	Yes		98	158	No		75	31	No		0.00
	7/27/98	9,804	11600	Yes		520	225	Yes		111	68	Yes		0.05
	8/3/98	5,475	10053	Yes		886	303	Yes		222	94	Yes		0.16
	8/10/98	30,000	14964	Yes		93	215	Yes		75	90	Yes		0.00
	8/17/98	791	8250	Yes		148	228	Yes		31	84	Yes		0.19
	8/24/98	41	2206	Yes		20	166	No		10	56	Yes		0.49
	8/31/98	20	639	Yes		10	75	No		10	35	Yes		0.50
	9/8/98	30,000	898	Yes		638	71	No		192	34	No		0.02
	9/10/98	110	292	Yes		86	70	No		1	14	No		0.78
	9/14/98	24,192	580	Yes		1782	114	No		222	21	No		0.07
	9/16/98	2,909	1360	Yes		504	218	Yes		271	41	Yes		0.17
	9/21/98	197	2148	Yes		10	218	Yes		1	26	No		0.05
	9/28/98	563	970	Yes		265	183	No		20	16	No		0.47
	10/5/98	110	970	Yes		63	172	No		10	26	No		0.57
	10/12/98	594	462	No		10	61	No		1	9	No		0.02
	10/19/98	2,187	437	No		275	54	No		42	6	No		0.13
	10/26/98	145	411	No		30	67	No		1	6	No		0.21
	11/2/98	5,172	640	Yes		175	62	No		327	11	No		0.03
	11/9/98	30,000	1964	Yes		645	99	No		520	23	No		0.02
	11/10/98	3,873	2858	Yes		156	171	No		41	49	Yes		0.04
	11/16/98	624	2224	Yes		96	138	No		20	43	Yes		0.15
	11/23/98	10	1303	Yes		10	111	No		1	43	Yes		1.00
	11/30/98	3,448	1201	Yes		384	130	No		63	31	No		0.11
	12/7/98	1,100	620	Yes		176	100	No		10	14	No		0.16
	12/14/98	1,467	511	Yes		613	132	No		231	20	No		0.42
	12/21/98	422	472	Yes		160	146	No		31	21	No		0.38
	12/28/98	1,850	1341	Yes		228	273	Yes		20	39	Yes		0.12

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	1/4/99	20	479	Yes		10	132	No		1	17	No		0.50	No
	1/11/99	30,000	928	Yes		3873	244	Yes		323	34	No		0.13	Yes
	1/13/99	2,613	1041	Yes		816	258	Yes		63	26	No		0.31	Yes
	1/19/99	122	812	Yes		20	171	No		84	32	No		0.16	No
	1/25/99	5,475	1009	Yes		733	215	Yes		960	70	Yes		0.13	Yes
	2/1/99	231	1646	Yes		20	247	Yes		10	110	Yes		0.09	No
	2/8/99	110	536	Yes		20	86	No		10	55	Yes		0.18	No
	2/16/99	41	234	No		10	36	No		10	38	Yes		0.24	No
	2/22/99	41	188	No		3	24	No		10	25	No		0.07	No
	3/1/99	41	71	No		31	13	No		63	14	No		0.76	No
	3/8/99	41	50	No		3	9	No		20	17	No		0.07	No
	3/15/99	30,000	153	No		6867	29	No		5172	58	Yes		0.23	Yes
	3/17/99	2,481	348	Yes		557	64	No		185	104	Yes		0.22	Yes
	3/22/99	473	568	Yes		52	113	No		31	130	Yes		0.11	No
	3/29/99	109	691	Yes		3	71	No		3	71	Yes		0.03	No
	4/5/99	189	938	Yes		74	135	No		10	62	Yes		0.39	No
	4/12/99	11,199	770	Yes		173	64	No		294	35	Yes		0.02	No
	Re4/14/99	588	577	No		10	29	No		3	15	No		0.02	No
	4/19/99	262	513	No		3	16	No		3	10	No		0.01	No
	4/26/99	677	739	No		3	16	No		10	12	No		0.00	No
	5/3/99	1,989	1184	Yes		158	19	No		145	21	No		0.08	No
	5/10/99	571	653	No		20	12	No		3	8	No		0.04	No
	5/17/99	52	402	No		3	10	No		10	11	No		0.06	No
	5/24/99	1,296	553	No		41	16	No		41	18	No		0.03	No
	6/1/99	3	187	No		3	16	No		373	37	Yes		1.00	No
	6/7/99	565	146	No		63	14	No		52	30	No		0.11	No
	6/14/99	95	102	No		62	17	No		31	48	No		0.65	No
	6/22/99	10	73	No		10	22	No		10	48	No		1.00	No
	6/28/99	110	45	No		10	16	No		20	41	No		0.09	No
	7/6/99	1,450	154	No		10	21	No		106	32	No		0.01	No
	7/12/99	31	86	No		10	14	No		10	23	No		0.32	No
	7/19/99	20	63	No		20	11	No		10	18	No		1.00	No
	7/26/99	62	91	No		3	9	No		20	21	No		0.05	No
	8/2/99	10	56	No		3	7	No		10	18	No		0.30	No
	8/9/99	31	26	No		3	6	No		3	9	No		0.10	No



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	8/16/99	85	32	No		30	7	No		3	7	No		0.35	No
	8/23/99	110	45	No		31	8	No		74	11	No		0.28	No
	8/30/99	74	46	No		3	8	No		3	7	No		0.04	No
	9/7/99	10	46	No		3	8	No		3	6	No		0.30	No
	9/13/99	10	37	No		3	8	No		10	7	No		0.30	No
	9/20/99	31	30	No		20	7	No		3	7	No		0.65	No
	9/27/99	52	26	No		31	7	No		3	4	No		0.60	No
	10/4/99	3	14	No		3	7	No		20	6	No		1.00	No
	10/11/99	20	16	No		10	9	No		3	6	No		0.50	No
	10/18/99	10	16	No		10	11	No		3	4	No		1.00	No
	10/25/99	52	17	No		20	11	No		20	6	No		0.38	No
	11/1/99	41	17	No		20	10	No		231	15	Yes		0.49	No
	re-11/03/1999	31	27	No		10	13	No		3	10	No		0.32	No
	11/8/99	30,000	86	No		2098	31	No		1223	23	Yes		0.07	No
	11/15/99	228	129	No		41	39	No		31	34	Yes		0.18	No
	11/22/99	487	246	No		31	47	No		41	53	Yes		0.06	No
	11/29/99	41	236	No		31	50	No		3	38	Yes		0.76	No
	12/6/99	52	372	No		20	70	No		10	34	No		0.38	No
	12/13/99	20	86	No		3	19	No		3	10	No		0.15	No
	12/20/99	175	82	No		110	23	No		134	14	No		0.63	No
	Re-12/22/99	173	66	No		85	28	No		10	10	No		0.49	No
	12/27/99	10	50	No		10	22	No		3	10	No		1.00	No
	1/3/00	86	55	No		41	26	No		20	12	No		0.48	No
	1/10/00	3	38	No		3	26	No		10	15	No		1.00	No
	1/18/00	110	35	No		3	13	No		10	9	No		0.03	No
	1/24/00	246	37	No		52	11	No		63	13	No		0.21	No
	1/31/00	1,309	98	No		181	20	No		86	26	No		0.14	Yes
	2/7/00	30	80	No		3	12	No		20	26	No		0.10	No
	2/14/00	3,448	326	No		128	26	No		240	48	Yes		0.04	No
	2/22/00	1,246	529	No		86	50	No		148	83	Yes		0.07	No
	2/28/00	6,867	1030	No		148	62	No		228	107	Yes		0.02	No
	RE-3/1/00	201	708	No		10	34	No		3	55	No		0.05	No
	3/6/00	1,616	1571	No		20	50	No		109	77	Yes		0.01	No
	re-03/08/2000	8,164	1867	No		617	69	Yes		288	80	Yes		0.08	No
west	3/13/00	63	1061	No		3	41	No		10	56	No		0.05	No

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west	3/20/00	311	842	No	41	36	No	3	29	No	0.13	No
east	3/27/00	455	536	No	160	37	No	10	17	No	0.35	No
25yd east	4/3/00	504	624	No	52	48	No	3	17	No	0.10	No
25yd east	4/10/00	31	169	No	3	20	No	3	5	No	0.10	No
25yds West	4/17/00	30,000	581	Yes	24,192	120	Yes	14136	21	Yes	0.81	Yes
	re-04/19/2000	9,208	1145	No	166	159	No	336	53	Yes	0.02	No
	4/24/00	548	1188	No	20	105	No	3	42	No	0.04	No
	5/8/00	10	542	No	3	59	No	3	42	No	0.30	No
	5/15/00	3	340	No	3	59	No	3	42	No	1.00	No
	5/22/00	3	54	No	3	10	No	3	8	No	1.00	No
	5/30/00	41	18	No	10	6	No	10	4	No	0.24	No
	6/5/00	52	11	No	3	4	No	3	4	No	0.06	No
	6/12/00	31	14	No	20	6	No	74	7	No	0.65	No
	6/19/00	74	27	No	10	7	No	10	9	No	0.14	No
	6/26/00	171	61	No	31	11	No	3	9	No	0.18	No
	7/5/00	41	61	No	10	11	No	98	15	No	0.24	No
	7/10/00	30	55	No	3	11	No	3	15	No	0.10	No
	7/17/00	10	43	No	3	8	No	10	10	No	0.30	No
	7/24/00	134	49	No	3	6	No	3	8	No	0.02	No
	7/31/00	74	41	No	41	6	No	3	8	No	0.55	No
	8/7/00	41	41	No	10	6	No	3	4	No	0.24	No
	8/14/00	20	38	No	3	6	No	3	4	No	0.15	No
	8/21/00	31	48	No	10	8	No	3	3	No	0.32	No
	8/28/00	798	68	No	120	17	No	31	5	No	0.15	No
	9/5/00	10	46	No	10	13	No	3	5	No	1.00	No
	9/11/00	86	53	No	41	17	No	3	5	No	0.48	No
	9/18/00	63	67	No	31	27	No	3	5	No	0.49	No
	9/25/00	311	106	No	41	36	No	97	10	No	0.13	No
	10/2/00	146	76	No	63	32	No	41	10	No	0.43	No
	10/9/00	52	71	No	3	21	No	3	8	No	0.06	No
	10/16/00	109	106	No	109	32	No	3	8	No	1.00	No
	10/23/00	63	100	No	3	21	No	3	8	No	0.05	No
	10/30/00	1,789	175	No	97	25	No	10	10	No	0.05	No
	11/6/00	96	144	No	3	16	No	3	6	No	0.03	No
	11/13/00	31	111	No	31	14	No	10	4	No	1.00	No

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	11/20/00	20	95	No		3	14	No		31	7	No		0.15	No
	11/27/00	173	103	No		31	12	No		30	10	No		0.18	No
	12/4/00	10	75	No		10	14	No		3	10	No		1.00	No
	12/11/00	20	36	No		10	10	No		3	8	No		0.50	No
	12/18/00	10	24	No		10	12	No		3	8	No		1.00	No
	12/26/00	3	17	No		3	8	No		3	6	No		1.00	No
	1/2/01	41	19	No		3	8	No		3	4	No		0.07	No
	1/8/01	1,664	27	No		132	10	No		241	6	Yes		0.08	No
	1/16/01	683	55	No		175	17	No		203	13	Yes		0.26	No
	1/18/2001re	17,329	170	Yes		14,136	56	Yes		512	30	Yes		0.82	Yes
	1/22/01	1,106	222	No		884	82	Yes		121	36	Yes		0.80	Yes
	1/24/2001-re	14,136	1526	Yes		504	275	Yes		1354	152	Yes		0.04	No
	1/29/01	110	1799	No		41	426	No		31	224	No		0.37	No
	2/5/01	1,956	1848	No		548	540	Yes		226	222	Yes		0.28	Yes
	2/7/2001-re	749	1877	No		62	454	No		74	188	No		0.08	No
	2/12/01	8,664	1672	No		20	152	No		537	189	Yes		0.00	No
	2/20/01	11,199	2459	Yes		269	125	No		733	255	Yes		0.02	No
	2/22/01	4,106	2001	No		520	125	Yes		209	187	Yes		0.13	Yes
	2/26/01	2,143	3282	No		52	131	No		96	226	No		0.02	No
	3/6/01	3,448	3608	No		74	93	No		97	196	No		0.02	No
	3/12/01	266	3036	No		20	77	No		10	140	No		0.08	No
	3/19/01	504	1890	No		259	119	No		20	81	No		0.51	No
	3/26/01	1,112	1286	No		571	134	Yes		62	54	No		0.51	Yes
	3/28/01	216	787	No		121	105	No		3	27	No		0.56	No
	4/2/01	85	573	No		10	75	No		10	23	No		0.12	No
	4/9/01	41	220	No		3	47	No		3	10	No		0.07	No
	4/16/01	218	212	No		20	47	No		3	8	No		0.09	No
	4/23/01	393	204	No		97	40	No		10	7	No		0.25	No

Carpinteria City

**CARPINTERIA CITY BEACH**

Fac: ID# 013544

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Carp	6/22/98	143			20			87			0.14	
City	6/29/98	41			41			1			1.00	
Beac	7/6/98	52			10			10			0.19	
	7/13/98	324	100	No	31	22	No	1	5	No	0.10	
	7/20/98	960	157	No	31	24	No	1	4	No	0.03	
	7/27/98	327	185	No	20	24	No	1	2	No	0.06	
	8/3/98	197	253	No	98	29	No	10	3	No	0.50	
	8/10/98	40	240	No	1	18	No	1	2	No	0.03	
	8/17/98	253	229	No	63	21	No	1	2	No	0.25	
	8/24/98	63	133	No	41	22	No	1	2	No	0.65	
	8/31/98	20	76	No	10	19	No	1	2	No	0.50	
	9/8/98	907	103	No	51	17	No	20	2	No	0.06	
	9/14/98	201	142	No	20	30	No	20	3	No	0.10	
	9/21/98	85	114	No	31	26	No	75	8	No	0.36	
	9/28/98	31	99	No	10	20	No	1	8	No	0.32	
	10/5/98	109	139	No	31	31	No	31	16	No	0.28	
	10/12/98	63	82	No	30	22	No	1	9	No	0.48	
	10/19/98	1,850	127	No	63	28	No	10	7	No	0.03	
	10/26/98	52	115	No	20	26	No	1	3	No	0.38	
	11/2/98	816	222	No	256	50	No	231	9	No	0.31	
	11/9/98	84	211	No	10	40	No	209	14	No	0.12	
	11/16/98	41	193	No	10	32	No	1	14	No	0.24	
	11/23/98	31	85	No	10	22	No	1	9	No	0.32	
	11/30/98	74	92	No	10	19	No	1	9	No	0.14	
	12/7/98	52	53	No	31	13	No	1	3	No	0.60	
	12/14/98	109	56	No	10	13	No	1	1	No	0.09	

Carpinteria City

	12/21/98	10	42	No		10	13	No		1	1	No		1.00	
	12/28/98	185	60	No		10	13	No		1	1	No		0.05	
	1/4/99	10	40	No		10	13	No		1	1	No		1.00	No
	1/11/99	74	43	No		10	10	No		1	1	No		0.14	No
	1/19/99	122	44	No		41	13	No		41	2	No		0.34	No
	1/25/99	1,309	117	No		41	18	No		62	5	No		0.03	No
	2/1/99	121	107	No		1	11	No		20	9	No		0.01	No
	2/8/99	223	200	No		10	11	No		10	14	No		0.04	No
	2/16/99	41	178	No		10	11	No		3	17	No		0.24	No
	2/22/99	74	161	No		10	8	No		3	10	No		0.14	No
	3/1/99	63	88	No		41	8	No		3	6	No		0.65	No
	3/8/99	41	71	No		3	10	No		3	4	No		0.07	No
	3/15/99	8,664	147	No		187	19	No		708	9	Yes		0.02	No
	3/22/99	74	165	No		31	23	No		10	11	No		0.42	No
	3/29/99	31	139	No		3	18	No		10	14	No		0.10	No
	4/5/99	41	127	No		3	11	No		3	14	No		0.07	No
	4/12/99	7,270	359	No		63	20	No		213	34	Yes		0.01	No
	4/19/99	74	138	No		3	9	No		3	11	No		0.04	No
	4/26/99	10	93	No		10	7	No		3	9	No		1.00	No
	5/3/99	3	58	No		3	7	No		3	7	No		1.00	No
	5/10/99	345	89	No		85	14	No		10	9	No		0.25	No
	5/17/99	95	37	No		10	9	No		3	4	No		0.11	No
	5/24/99	3	20	No		3	9	No		187	9	Yes		1.00	No
	6/1/99	20	23	No		3	7	No		3	9	No		0.15	No
	6/7/99	74	43	No		3	7	No		3	9	No		0.04	No
	6/14/99	218	39	No		135	8	No		41	12	No		0.62	No
	6/22/99	10	25	No		10	8	No		10	15	No		1.00	No
	6/28/99	52	44	No		3	8	No		10	8	No		0.06	No
	7/6/99	73	57	No		10	10	No		105	17	Yes		0.14	No
	7/12/99	135	65	No		10	13	No		3	17	No		0.07	No
	7/19/99	107	56	No		52	11	No		41	17	No		0.49	No
	7/26/99	20	64	No		10	11	No		10	17	No		0.50	No
	8/2/99	31	58	No		20	16	No		3	13	No		0.65	No
	8/9/99	20	45	No		3	13	No		3	6	No		0.15	No
	8/16/99	63	38	No		3	10	No		10	8	No		0.05	No

Carpinteria City

	8/23/99	20	27	No	20	8	No	3	5	No	1.00	No
	8/30/99	31	30	No	10	8	No	3	4	No	0.32	No
	9/7/99	156	41	No	20	8	No	3	4	No	0.13	No
	9/13/99	41	48	No	10	10	No	3	4	No	0.24	No
	9/20/99	10	33	No	3	10	No	3	3	No	0.30	No
	9/27/99	122	48	No	74	13	No	52	5	No	0.61	No
	10/4/99	41	50	No	10	13	No	3	5	No	0.24	No
	10/11/99	10	29	No	10	12	No	3	5	No	1.00	No
	10/18/99	10	22	No	10	12	No	3	5	No	1.00	No
	10/25/99	63	32	No	31	19	No	3	5	No	0.49	No
	11/1/99	74	29	No	3	10	No	10	4	No	0.04	No
	11/8/99	24,192	102	Yes	345	20	No	404	10	Yes	0.01	No
	11/15/99	84	157	No	3	16	No	3	10	No	0.04	No
	11/22/99	359	321	No	41	21	No	63	19	No	0.11	No
	11/29/99	41	294	No	10	17	No	10	24	No	0.24	No
	12/6/99	158	343	No	51	29	No	20	27	No	0.32	No
	12/13/99	10	72	No	10	14	No	3	10	No	1.00	No
	12/20/99	350	96	No	41	24	No	74	19	No	0.12	No
	12/27/99	10	47	No	3	14	No	3	11	No	0.30	No
	1/3/00	187	64	No	10	14	No	3	8	No	0.05	No
	1/10/00	3	29	No	3	8	No	31	9	No	1.00	No
	1/18/00	10	29	No	3	6	No	3	9	No	0.30	No
	1/24/00	2,046	41	No	86	7	No	3	5	No	0.04	No
	1/31/00	4,106	136	No	41	13	No	110	10	Yes	0.01	No
	RE-2/2/00	31	95	No	10	13	No	10	13	No	0.32	No
	2/7/00	20	139	No	3	13	No	31	13	No	0.15	No
	2/14/00	1,723	390	No	20	18	No	63	23	No	0.01	No
	2/22/00	959	335	No	52	17	No	41	39	No	0.05	No
	2/28/00	1,153	260	No	41	17	No	31	30	No	0.04	No
	3/6/00	256	396	No	20	19	No	30	38	No	0.08	No
	3/13/00	122	569	No	3	19	No	3	24	No	0.02	No
	3/20/00	197	369	No	10	17	No	10	16	No	0.05	No
	3/27/00	20	170	No	3	9	No	20	14	No	0.15	No
	4/3/00	3	35	No	3	4	No	3	7	No	1.00	No
	4/10/00	72	30	No	3	4	No	3	7	No	0.04	No

Carpinteria City

	4/17/00	30,000	107	Yes		1,050	13	Yes		8164	35	Yes		0.04	No
	re-04/19/2000	288	208	No		3	13	No		3	22	No		0.01	No
	4/24/00	10	113	No		3	10	No		3	15	No		0.30	No
	5/1/00	10	144	No		3	10	No		3	15	No		0.30	No
	5/8/00	52	135	No		41	16	No		3	15	No		0.79	No
	5/15/00	20	31	No		3	5	No		10	4	No		0.15	No
	5/22/00	20	18	No		3	5	No		3	4	No		0.15	No
	5/30/00	31	23	No		3	5	No		85	7	No		0.10	No
	6/5/00	74	34	No		10	6	No		3	7	No		0.14	No
	6/12/00	20	28	No		3	4	No		41	13	No		0.15	No
	6/19/00	63	36	No		3	4	No		20	14	No		0.05	No
	6/26/00	218	58	No		20	6	No		3	14	No		0.09	No
	7/5/00	41	61	No		30	9	No		3	7	No		0.73	No
	7/10/00	41	54	No		3	7	No		3	7	No		0.07	No
	7/17/00	3	37	No		3	7	No		74	8	No		1.00	No
	7/24/00	31	32	No		10	9	No		3	6	No		0.32	No
	7/31/00	98	27	No		31	10	No		52	10	No		0.32	No
	8/7/00	31	26	No		20	9	No		3	10	No		0.65	No
	8/14/00	20	22	No		3	9	No		3	10	No		0.15	No
	8/21/00	10	29	No		10	11	No		3	5	No		1.00	No
	8/28/00	226	42	No		20	13	No		3	5	No		0.09	No
	9/5/00	3	21	No		3	8	No		3	3	No		1.00	No
	9/11/00	63	24	No		3	6	No		3	3	No		0.05	No
	9/18/00	52	29	No		10	7	No		10	4	No		0.19	No
	9/25/00	63	43	No		10	7	No		3	4	No		0.16	No
	10/2/00	41	30	No		10	6	No		3	4	No		0.24	No
	10/9/00	52	33	No		10	7	No		3	4	No		0.19	No
	10/16/00	10	40	No		10	8	No		3	4	No		1.00	No
	10/23/00	31	36	No		3	8	No		3	4	No		0.10	No
	10/30/00	4,352	75	No		52	11	No		95	5	No		0.01	No
	11/6/00	74	77	No		3	9	No		3	5	No		0.04	No
	11/13/00	62	83	No		41	11	No		20	7	No		0.66	No
	11/20/00	20	71	No		10	11	No		3	7	No		0.50	No
	11/27/00	86	101	No		20	13	No		74	12	No		0.23	No
	12/4/00	30	100	No		20	17	No		86	22	No		0.67	No

Carpinteria City

12/11/00	52	48	No	20	15	No	41	19	No	0.38	No
12/18/00	52	45	No	41	23	No	20	26	No	0.79	No
12/26/00	3	27	No	3	15	No	3	19	No	1.00	No
1/2/01	3	20	No	3	12	No	3	19	No	1.00	No
1/8/01	30,000	53	Yes	563	21	Yes	598	27	Yes	0.02	No
1/16/01	556	86	No	3	15	No	10	19	No	0.01	No
1/22/01	644	131	No	448	26	Yes	218	25	Yes	0.70	No
1/24/2001-re	9,804	313	No	63	27	No	428	41	Yes	0.01	No
1/29/01	20	430	No	20	38	No	10	51	No	1.00	No
2/5/01	265	907	No	10	46	No	3	51	No	0.04	No
2/12/01	171	384	No	20	26	No	20	29	No	0.12	No
2/20/01	1,050	426	No	52	42	No	74	40	No	0.05	No
2/26/01	201	351	No	3	18	No	20	27	No	0.01	No
3/6/01	4,611	310	No	31	16	No	185	23	Yes	0.01	No
3/8/01	1,396	628	No	63	20	No	41	30	No	0.05	No
3/12/01	189	594	No	20	22	No	3	30	No	0.11	No
3/19/01	228	623	No	173	32	No	85	38	No	0.76	No
3/26/01	85	410	No	20	27	No	3	22	No	0.24	No
4/2/01	134	383	No	10	33	No	3	16	No	0.07	No
4/9/01	285	241	No	142	43	No	3	8	No	0.50	No
4/16/01	52	139	No	3	26	No	10	6	No	0.06	No
4/23/01	41	108	No	10	23	No	3	6	No	0.24	No



Hammonds

HAMMONDS BEACH												
Fac: ID# 012524												
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Hamds	9/4/96	10			10			1			1.00	
	9/10/96	10			10			1			1.00	
	9/17/96	2,220			1,500			738			0.68	
	9/25/96	10			10			1			1.00	
	10/1/96	10	29	No	10	27		1	4		1.00	
	10/7/96	10	29	No	10	27		31	7		1.00	
	10/14/96	100	47	No	100	43		384	24		1.00	
	10/21/96	10	16	No	10	16		1	7		1.00	
	10/30/96	20,050	73	No	10,910	64		2,005	30		0.54	
	11/4/96	10	73	No	10	64		1	30		1.00	
	11/11/96	100	115	No	100	102		87	37		1.00	
	11/18/96	10	73	No	10	64		10	18		1.00	
	11/25/96	100	115	No	10	64		1	18		0.10	
	12/2/96	100	40	No	10	16		1	4		0.10	
	12/9/96	3,240	127	No	420	33		945	15		0.13	
	12/16/96	2,070	232	Yes	10	21		111	16		0.00	
	1/6/97	2,880	720	Yes	200	38		53	22		0.07	
	1/13/97	2,380	1357	Yes	200	70		137	60		0.08	
	1/21/97	5,600	3035	Yes	1,640	194		2,005	273		0.29	
	1/27/97	990	2394	Yes	100	146		420	232		0.10	
	2/3/97	1,370	2204	Yes	10	146		10	144		0.01	
	2/10/97	10	710	Yes	10	80		310	204		1.00	
	2/18/97	2,710	729	Yes	10	44		99	192		0.00	
	2/25/97	1,240	539	Yes	10	16		64	96		0.01	
	3/3/97	990	539	Yes	10	10		87	70		0.01	
	3/10/97	3,440	648	Yes	10	10		42	94		0.00	
	3/17/97	1,110	1663	Yes	420	21		42	63		0.38	

Hammonds

3/24/97	10	542	Yes	10	21		1	25		1.00
3/31/97	420	437	Yes	10	21		64	25		0.02
4/7/97	310	346	Yes	10	21		53	23		0.03
4/14/97	10	108	No	10	21		31	21		1.00
4/21/97	10	42	No	10	10		1	10		1.00
4/28/97	10	42	No	10	10		111	26		1.00
5/5/97	10	20	No	10	10		10	18		1.00
5/13/97	10	10	No	10	10		42	17		1.00
5/19/97	100	16	No	10	10		150	23		0.10
5/27/97	10	16	No	10	10		1	23		1.00
6/2/97	10	16	No	10	10		75	22		1.00
6/9/97	100	25	No	100	16		42	29		1.00
6/16/97	10	25	No	10	16		10	22		1.00
6/23/97	10	16	No	10	16		10	13		1.00
6/30/97	10	16	No	10	16		1	13		1.00
7/7/97	10	16	No	10	16		20	10		1.00
7/14/97	10	10	No	10	10		20	8		1.00
7/21/97	10	10	No	10	10		53	12		1.00
7/28/97	10	10	No	10	10		1	7		1.00
8/4/97	10	10	No	10	10		10	12		1.00
8/11/97	10	10	No	10	10		1	6		1.00
8/18/97	420	21	No	310	20		64	8		0.74
8/25/97	10	21	No	10	20		1	4		1.00
9/2/97	200	38	No	200	36		178	10		1.00
9/8/97	10	38	No	10	36		1	6		1.00
9/15/97	10	38	No	10	36		10	10		1.00
9/22/97	10	18	No	10	18		1	4		1.00
9/29/97	10	18	No	10	18		10	7		1.00
10/6/97	200	18	No	100	16		75	6		0.50
10/13/97	10	18	No	10	16		10	9		1.00
10/20/97	100	29	No	100	25		20	11		1.00
10/27/97	10	29	No	10	25	No	20	20	No	1.00
11/3/97	100	46	No	10	25	No	10	20	No	0.10
11/10/97	10	25	No	10	16	No	1	8	No	1.00
11/17/97	990	63	No	10	16	No	10	8	No	0.01
11/24/97	530	88	No	420	21	No	75	11	No	0.79
12/1/97	420	186	No	310	42	No	207	17	No	0.74

Hammonds

	12/8/97	2,481	353	No		52	58	No		53	24	No		0.02
	12/15/97	1,043	894	Yes		52	81	No		178	68	Yes		0.05
	12/22/97	211	656	Yes		31	102	No		42	91	Yes		0.15
	12/29/97	86	456	Yes		52	67	No		64	88	Yes		0.60
	1/5/98	85	331	Yes		10	34	No		1	30	No		0.12
	1/12/98	2,098	320	Yes		31	30	No		137	37	Yes		0.01
	1/20/98	98	200	No		31	27	No		1	13	No		0.32
	1/27/98	2,359	324	Yes		480	47	No		624	22	No		0.20
	2/2/98	25,000	1006	Yes		25,192	163	No		2,010	44	Yes		1.01
	2/9/98	8,164	2507	Yes		10	163	Yes		42	94	Yes		0.00
	2/17/98	8,664	3329	Yes		98	206	Yes		137	94	Yes		0.01
	2/23/98	30,000	10459	Yes		464	353	Yes		2,010	429	Yes		0.02
	3/2/98	703	8210	Yes		10	163	No		87	289	Yes		0.01
	3/9/98	1,264	4519	Yes		1	21	No		1	63	Yes		0.00
	3/16/98	669	2740	Yes		41	28	No		64	69	Yes		0.06
	3/23/98	794	1699	Yes		31	23	No		31	51	Yes		0.04
	3/30/98	1,842	972	Yes		52	15	No		20	20	No		0.03
	4/6/98	309	825	Yes		169	26	No		1	8	No		0.55
	4/13/98	359	641	No		1	26	No		87	20	No		0.00
	4/20/98	759	658	No		52	27	No		31	18	No		0.07
	4/27/98	10	274	No		1	14	No		1	9	No		0.10
	5/4/98	314	193	No		1	6	No		87	12	No		0.00
	5/11/98	265	187	No		1	2	No		31	24	No		0.00
	5/18/98	262	175	No		52	5	No		75	23	No		0.20
	5/26/98	160	128	No		52	5	No		42	24	No		0.33
	6/1/98	959	320	No		145	13	No		75	58	Yes		0.15
	6/8/98	52	223	No		41	28	No		10	37	Yes		0.79
	6/15/98	14,136	494	No		74	65	No		137	50	Yes		0.01
	6/22/98	74	384	No		20	54	No		42	45	Yes		0.27
	6/29/98	703	516	No		41	51	No		53	47	Yes		0.06
	7/6/98	301	409	No		10	30	No		20	36	Yes		0.03
	7/13/98	556	658	No		63	33	No		20	41	Yes		0.11
	7/20/98	1,401	414	No		109	35	No		87	38	Yes		0.08
	7/27/98	428	588	No		10	31	No		20	33	No		0.02
	8/3/98	345	510	No		110	38	No		99	37	Yes		0.32
	8/10/98	253	493	No		1	24	No		31	40	Yes		0.00
	8/17/98	240	417	No		20	19	No		20	40	Yes		0.08

Hammonds

	8/24/98	52	216	No		41	16	No		10	26	No		0.79	
	8/31/98	86	156	No		63	22	No		1	14	No		0.73	
	9/8/98	52	107	No		10	14	No		1	6	No		0.19	
	9/14/98	10	56	No		10	22	No		1	3	No		1.00	
	9/21/98	52	41	No		10	19	No		1	2	No		0.19	
	9/28/98	30	37	No		10	14	No		1	1	No		0.33	
	10/5/98	231	45	No		134	17	No		53	2	No		0.58	
	10/12/98	31	41	No		20	19	No		1	2	No		0.65	
	10/19/98	2,987	127	No		158	34	No		10	4	No		0.05	
	10/26/98	63	132	No		41	44	No		10	6	No		0.65	
	11/2/98	305	210	No		175	79	No		384	18	No		0.57	
	11/9/98	1,421	302	Yes		20	54	No		1	8	No		0.01	
	11/16/98	10	241	Yes		10	47	No		52	18	No		1.00	
	11/23/98	108	124	No		31	34	No		1	11	No		0.29	
	11/30/98	52	119	No		20	29	No		1	7	No		0.38	
	12/7/98	74	90	No		10	17	No		1	2	No		0.14	
	12/14/98	20	38	No		10	14	No		20	4	No		0.50	
	12/21/98	10	38	No		10	14	No		1	2	No		1.00	
	12/28/98	10	24	No		10	11	No		1	2	No		1.00	
	1/11/99	74	20	No		52	15	No		1	2	No		0.70	No
	1/19/99	1,860	61	No		1,198	50	No		159	4	Yes		0.64	Yes
	1/25/99	364	150	No		10	50	No		1	4	No		0.03	No
	2/1/99	161	300	No		41	71	No		52	10	No		0.25	No
	2/8/99	323	304	No		120	79	No		10	10	No		0.37	No
	2/16/99	345	414	No		324	114	No		211	28	Yes		0.94	No
	2/22/99	31	182	No		20	50	No		3	13	No		0.65	No
	3/1/99	373	183	No		120	83	No		262	39	Yes		0.32	No
	3/8/99	10	105	No		3	49	No		31	35	No		0.30	No
	3/15/99	30,000	260	Yes		5,794	106	Yes		6,488	127	Yes		0.19	Yes
	3/17/99	63	185	No		3	42	No		3	54	No		0.05	No
	3/22/99	336	298	No		52	50	No		52	96	No		0.15	No
55	3/29/99	187	260	No		20	35	No		20	57	No		0.11	No
	4/5/99	10	260	No		3	35	No		3	36	No		0.30	No
	4/12/99	1,607	145	No		74	15	No		235	19	Yes		0.05	No
	4/19/99	41	133	No		20	22	No		3	19	No		0.49	No
	4/26/99	3	52	No		3	12	No		3	10	No		1.00	No
	5/3/99	20	33	No		3	8	No		3	7	No		0.15	No

Hammonds

	5/10/99	31	41	No		3	8	No		3	7	No		0.10	No
	5/17/99	30	19	No		20	6	No		3	3	No		0.67	No
	5/24/99	10	14	No		3	4	No		10	4	No		0.30	No
	6/1/99	3	14	No		3	4	No		3	4	No		1.00	No
	6/7/99	10	12	No		10	6	No		3	4	No		1.00	No
	6/14/99	62	14	No		10	7	No		10	5	No		0.16	No
	6/22/99	31	14	No		10	6	No		10	6	No		0.32	No
	6/28/99	20	16	No		3	6	No		3	5	No		0.15	No
	7/6/99	10	21	No		10	8	No		449	13	Yes		1.00	No
	7/12/99	20	24	No		20	9	No		3	13	No		1.00	No
	7/19/99	41	22	No		20	10	No		10	13	No		0.49	No
	7/26/99	20	20	No		3	8	No		3	10	No		0.15	No
	8/2/99	10	17	No		10	10	No		3	10	No		1.00	No
	8/9/99	253	33	No		10	10	No		143	8	Yes		0.04	No
	re-08/11/1999	3	23	No		3	7	No		3	8	No		1.00	No
	8/16/99	10	17	No		3	5	No		3	6	No		0.30	No
	8/23/99	10	15	No		10	6	No		179	15	Yes		1.00	No
	re-08/25/1999	30	19	No		10	6	No		10	19	No		0.33	No
	8/30/99	3	14	No		3	5	No		10	17	No		1.00	No
	9/7/99	10	8	No		3	4	No		3	9	No		0.30	No
	9/13/99	3	8	No		3	4	No		3	9	No		1.00	No
	9/20/99	3	7	No		3	4	No		3	9	No		1.00	No
	9/27/99	85	7	No		63	6	No		85	7	No		0.74	No
	10/4/99	10	9	No		3	6	No		3	6	No		0.30	No
	10/11/99	3	7	No		3	6	No		3	6	No		1.00	No
	10/18/99	3	7	No		3	6	No		3	6	No		1.00	No
	10/25/99	52	13	No		41	9	No		3	6	No		0.79	No
	11/1/99	20	10	No		3	5	No		3	3	No		0.15	No
	11/8/99	988	25	No		85	10	No		120	6	Yes		0.09	No
	11/15/99	84	48	No		3	10	No		3	6	No		0.04	No
	11/22/99	145	105	No		108	20	No		31	10	No		0.74	No
	11/29/99	10	75	No		3	12	No		3	10	No		0.30	No
	12/6/99	161	114	No		10	15	No		247	24	Yes		0.06	No
	Re-12/8/99	84	70	No		62	14	No		3	12	No		0.74	No
	12/13/99	63	66	No		63	26	No		20	17	No		1.00	No
	12/20/99	262	74	No		160	28	No		10	13	No		0.61	No
	12/27/99	3	58	No		3	28	No		10	17	No		1.00	No

Hammonds

	1/3/00	3	26	No		3	22	No		3	7	No		1.00	No
	1/10/00	20	20	No		10	16	No		3	7	No		0.50	No
	1/18/00	259	26	No		74	16	No		20	7	No		0.29	No
	1/24/00	20	16	No		10	9	No		3	6	No		0.50	No
	1/31/00	860	48	No		414	25	Yes		393	12	Yes		0.48	No
	RE-2/2/00	3	48	No		3	25	No		3	12	No		1.00	No
	2/7/00	213	78	No		51	34	No		31	19	No		0.24	No
	2/14/00	17,329	180	Yes		771	55	Yes		960	40	Yes		0.04	No
	2/22/00	1,500	428	No		51	76	No		211	94	Yes		0.03	No
	2/28/00	2,187	515	No		41	48	No		86	69	No		0.02	No
	3/6/00	30,000	3251	Yes		1198	158	Yes		12033	365	Yes		0.04	No
	re-03/08/2000	11,199	7181	Yes		240	215	No		789	698	Yes		0.02	No
	3/13/00	521	4638	No		10	129	No		20	386	No		0.02	No
	3/20/00	364	2436	No		20	70	No		52	237	No		0.05	No
	3/27/00	122	1604	No		3	44	No		3	117	No		0.02	No
	4/3/00	41	826	No		10	35	No		3	67	No		0.24	No
	4/10/00	63	143	No		3	7	No		3	8	No		0.05	No
	4/17/00	30,000	322	Yes		19,863	32	Yes		14136	29	Yes		0.66	Yes
	re-04/19/2000	7,270	585	No		201	51	No		135	35	No		0.03	No
	4/24/00	389	738	No		3	51	No		978	111	Yes		0.01	No
	re-04/26/2000	455	1195	No		41	68	No		20	162	No		0.09	No
	5/8/00	171	1459	No		10	87	No		428	437	Yes		0.06	No
	05/10/2000-re	240	555	No		41	25	No		63	148	No		0.17	No
	5/15/00	63	215	No		3	11	No		10	88	No		0.05	No
	5/22/00	417	218	No		3	11	No		3	28	No		0.01	No
	5/30/00	110	164	No		10	8	No		3	19	No		0.09	No
	6/5/00	62	134	No		3	6	No		3	7	No		0.05	No
	6/12/00	41	94	No		10	5	No		30	6	No		0.24	No
	6/19/00	41	86	No		20	7	No		63	9	No		0.49	No
	6/26/00	3	32	No		3	7	No		3	9	No		1.00	No
	7/5/00	3	16	No		3	6	No		3	9	No		1.00	No
	7/10/00	10	11	No		10	7	No		3	9	No		1.00	No
	7/17/00	31	10	No		3	6	No		3	6	No		0.10	No
	7/24/00	292	15	No		259	9	No		31	5	No		0.89	No
	7/31/00	31	24	No		3	9	No		20	7	No		0.10	No
	8/7/00	10	31	No		3	9	No		3	7	No		0.30	No
	8/14/00	3	24	No		3	7	No		10	9	No		1.00	No

Hammonds

	8/21/00	3	15	No		3	7	No		3	9	No		1.00	No
	8/28/00	62	11	No		20	4	No		3	6	No		0.32	No
	9/5/00	51	12	No		20	6	No		31	6	No		0.39	No
	9/11/00	10	12	No		3	6	No		52	11	No		0.30	No
	9/18/00	51	22	No		41	11	No		836	26	Yes		0.80	No
	re-9/20/2000	10	28	No		3	11	No		3	26	No		0.30	No
	9/25/00	41	25	No		41	12	No		3	26	No		1.00	No
	10/2/00	98	29	No		52	15	No		110	34	Yes		0.53	No
	re-10/4/2000	63	42	No		3	15	No		30	30	No		0.05	No
	10/9/00	3	27	No		3	12	No		3	21	No		1.00	No
	10/16/00	41	26	No		20	10	No		3	8	No		0.49	No
	10/23/00	3	21	No		3	10	No		20	11	No		1.00	No
	10/30/00	1,211	37	No		41	10	No		156	21	No		0.03	No
	11/1/00	749	53	No		369	14	No		10	14	No		0.49	No
	11/6/00	158	61	No		10	17	No		10	12	No		0.06	No
	11/13/00	74	105	No		20	24	No		31	18	No		0.27	No
	11/20/00	63	112	No		31	26	No		591	42	Yes		0.49	No
	11/27/00	292	241	No		216	52	No		581	74	Yes		0.74	No
	12/4/00	10	108	No		3	34	No		3	38	No		0.30	No
	12/11/00	74	74	No		63	25	No		20	43	No		0.85	No
	12/18/00	20	52	No		3	21	No		10	43	No		0.15	No
	12/26/00	84	53	No		62	25	No		31	43	No		0.74	No
	1/2/01	31	47	No		10	21	No		10	22	No		0.32	No
	1/8/01	528	52	Yes		10	12	No		161	18	Yes		0.02	No
	1/16/01	275	91	No		3	12	No		10	22	No		0.01	No
	1/22/01	86	93	No		3	7	No		10	19	No		0.03	No
	1/29/01	1,376	188	No		3	7	No		10	19	No		0.00	No
	2/5/01	85	189	No		10	5	No		41	20	No		0.12	No
	2/12/01	3,354	412	No		98	8	No		386	37	Yes		0.03	No
	2/20/01	1,500	490	No		73	11	No		201	38	Yes		0.05	No
	2/22/01	249	482	No		3	11	No		3	31	No		0.01	No
	2/26/01	2,359	838	No		86	20	No		175	51	Yes		0.04	No
	2/28/01	932	785	No		3	20	No		31	61	No		0.00	No
	3/6/01	4,884	1542	No		121	30	No		206	80	Yes		0.02	No
	3/8/01	3,654	1564	No		10	20	No		41	55	No		0.00	No
	3/12/01	1,153	1497	No		31	18	No		74	47	No		0.03	No
	3/19/01	327	1567	No		20	24	No		31	69	No		0.06	No

# Hammonds

	3/26/01	565	1235	No		52	22	No		52	56	No		0.09	No
	4/2/01	256	995	No		3	22	No		10	46	No		0.01	No
	4/9/01	583	699	No		20	16	No		31	34	No		0.03	No
	4/16/01	110	390	No		20	18	No		10	27	No		0.18	No
	4/23/01	317	314	No		63	21	No		63	26	No		0.20	No



# Butterfly Beach

Fac: ID# 0012545

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
	1/3/00	3	#REF!	No	3	#REF!	No	3	#REF!	No	1.00	No
	1/10/00	20	#REF!	No	10	#REF!	No	3	#REF!	No	0.50	No
	1/18/00	389	#REF!	No	20	#REF!	No	52	#REF!	No	0.05	No
	1/24/00	10	#REF!	No	10	#REF!	No	3	#REF!	No	1.00	No
	1/31/00	341	#REF!	No	189	#REF!	No	292	#REF!	Yes	0.55	No
	2/7/00	132	#REF!	No	31	#REF!	No	63	#REF!	No	0.23	No
	2/14/00	17,329	#REF!	Yes	1,187	#REF!	Yes	839	#REF!	Yes	0.07	No
	2/22/00	1,153	#REF!	No	63	#REF!	No	63	#REF!	No	0.05	No
	3/1/00	960	#REF!	No	20	#REF!	No	20	#REF!	No	0.02	No
re-03/08/2000		4,190	#REF!	No	10	#REF!	No	31	#REF!	No	0.00	No
	3/13/00	160	#REF!	No	3	#REF!	No	31	#REF!	No	0.02	No
	3/20/00	134	#REF!	No	20	#REF!	No	41	#REF!	No	0.15	No
	3/26/00	20	#REF!	No	3	#REF!	No	3	#REF!	No	0.15	No
	4/3/00	3	#REF!	No	3	#REF!	No	1010	#REF!	Yes	1.00	No
04/05/2000re		31	126	No	3	16	No	20	33	No	0.10	No
	4/10/00	3	100	No	3	14	No	3	29	No	1.00	No
	4/17/00	12,997	133	Yes	459	17	Yes	889	35	Yes	0.04	No
re-04/19/2000		146	134	No	3	16	No	20	34	No	0.02	No
	4/24/00	10	143	No	3	16	No	3	34	No	0.30	No
	5/1/00	3	44	No	3	8	No	3	14	No	1.00	No
	5/8/00	20	65	No	3	8	No	20	20	No	0.15	No
	5/15/00	73	23	No	10	4	No	3	6	No	0.14	No
	5/22/00	3	11	No	3	4	No	3	4	No	1.00	No
	5/30/00	10	11	No	3	4	No	3	4	No	0.30	No
	6/5/00	41	18	No	20	6	No	20	6	No	0.49	No
	6/12/00	10	16	No	3	6	No	20	6	No	0.30	No

6/19/00	3	8	No	3	4	No	20	9	No	1.00	No
6/26/00	3	8	No	3	4	No	3	9	No	1.00	No
7/5/00	20	9	No	10	6	No	20	14	No	0.50	No
7/10/00	3	6	No	3	4	No	3	9	No	1.00	No
7/17/00	3	4	No	3	4	No	3	6	No	1.00	No
7/24/00	536	12	No	3	4	No	3	4	No	0.01	No
7/31/00	110	25	No	20	6	No	20	6	No	0.18	No
8/7/00	52	31	No	3	4	No	3	4	No	0.06	No
8/14/00	52	54	No	3	4	No	3	4	No	0.06	No
8/21/00	121	114	No	10	6	No	10	6	No	0.08	No
8/28/00	41	68	No	10	7	No	3	6	No	0.24	No
9/5/00	10	42	No	3	5	No	3	4	No	0.30	No
9/11/00	31	38	No	3	5	No	10	5	No	0.10	No
9/18/00	110	44	No	86	10	No	20	7	No	0.78	No
9/25/00	3	21	No	3	7	No	3	6	No	1.00	No
10/2/00	74	24	No	10	7	No	3	6	No	0.14	No
10/9/00	10	21	No	10	8	No	3	5	No	1.00	No
10/16/00	97	30	No	63	13	No	3	5	No	0.65	No
10/23/00	3	20	No	3	13	No	20	6	No	1.00	No
10/30/00	448	26	No	30	11	No	98	7	No	0.07	No
11/6/00	282	55	No	20	15	No	41	11	No	0.07	No
11/13/00	52	52	No	10	15	No	10	14	No	0.19	No
11/20/00	41	65	No	3	12	No	20	19	No	0.07	No
11/27/00	5,475	128	No	771	19	Yes	576	46	Yes	0.14	Yes
12/4/00	41	198	No	20	26	No	10	41	No	0.49	No
12/11/00	41	133	No	31	26	No	3	23	No	0.76	No
12/18/00	10	76	No	3	19	No	3	15	No	0.30	No
12/26/00	52	76	No	10	19	No	10	15	No	0.19	No
1/2/01	10	60	No	3	19	No	3	11	No	0.30	No
1/8/01	337	38	No	41	11	No	31	7	No	0.12	No
1/16/01	1,236	67	No	20	11	No	20	7	No	0.02	No
1/22/01	161	84	No	20	11	No	31	11	No	0.12	No
1/29/01	20	94	No	10	13	No	305	24	Yes	0.50	No
1/31/2001-re	197	118	No	10	13	No	52	31	No	0.05	No
2/5/01	63	160	No	10	16	No	3	31	No	0.16	No

2/12/01	226	149	No	31	15	No	10	26	No	0.14	No
2/20/01	4,884	188	No	309	24	No	488	44	Yes	0.06	No
2/22/01	96	172	No	10	21	No	3	30	No	0.10	No
2/26/01	450	290	No	3	18	No	41	21	No	0.01	No
3/6/01	4,611	490	No	135	27	No	388	30	Yes	0.03	No
3/8/01	281	629	No	10	27	No	41	46	No	0.04	No
3/12/01	31	452	No	3	18	No	20	52	No	0.10	No
3/19/01	20	181	No	3	8	No	3	22	No	0.15	No
3/26/01	63	168	No	30	10	No	20	30	No	0.48	No
4/2/01	10	89	No	3	10	No	3	20	No	0.30	No
4/9/01	175	52	No	3	5	No	10	11	No	0.02	No
4/16/01	3	24	No	3	4	No	10	8	No	1.00	No
4/23/01	10	20	No	3	4	No	3	6	No	0.30	No

**EAST BEACH- Sycamore Creek**

Fac: ID# 012525

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
East	9/2/97	640			10			NA			0.02	
Beach	3/31/97	10			10			10			1.00	
Sycam	4/7/97	10			10			10			1.00	
	4/14/97	10			10			10			1.00	
	4/21/97	100	36	No	10	10		10	10		0.10	
	4/28/97	10	16	No	10	10		1	6		1.00	
	5/5/97	310	31	No	100	16		100	10		0.32	
	5/13/97	10	31	No	10	16		10	10		1.00	
	5/19/97	6,240	114	No	420	33		420	21		0.07	
	5/27/97	100	114	No	10	33		10	21		0.10	
	6/2/97	310	227	No	10	33		10	33		0.03	
	6/16/97	10	114	No	10	21		10	21		1.00	
	6/23/97	10	114	No	10	21		10	21		1.00	
	6/30/97	10	31	No	10	10		10	10		1.00	
	7/7/97	10	20	No	10	10		10	10		1.00	
	7/14/97	10	10	No	10	10		10	10		1.00	
	7/21/97	10	10	No	10	10		10	10		1.00	
	7/28/97	10	10	No	10	10		10	10		1.00	
	8/4/97	10	10	No	10	10		10	10		1.00	
	8/11/97	10	10	No	10	10		10	10		1.00	
	8/18/97	10	10	No	10	10		10	10		1.00	
	8/25/97	200	18	No	10	10		10	10		0.05	
	9/2/97	100	29	No	10	10		10	10		0.10	
	9/8/97	10	29	No	10	10		1	6		1.00	
	9/15/97	100	46	No	100	16		10	6		1.00	
	9/22/97	310	91	No	10	16		31	8		0.03	

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9/29/97	310	99	No		10	16			10	8		0.03
10/6/97	10	63	No		10	16			20	9		1.00
10/13/97	10	63	No		10	16			10	14		1.00
10/20/97	1,370	106	No		420	21			254	28		0.31
10/27/97	10	53	No		10	21	No		1	14	No	1.00
11/3/97	100	42	No		100	33	No		10	14	No	1.00
11/10/97	10	42	No		10	33	No		1	8	No	1.00
11/17/97	420	90	No		10	33	No		20	9	No	0.02
11/24/97	310	67	No		10	16	No		64	7	No	0.03
12/1/97	750	158	No		10	16	No		10	11	No	0.01
12/8/97	6,488	363	No		173	18	No		238	20	No	0.03
12/15/97	3,873	1197	Yes		52	25	No		164	55	Yes	0.01
12/22/97	168	996	Yes		41	33	No		42	64	Yes	0.24
12/29/97	20	576	Yes		1	21	No		1	28	No	0.05
1/5/98	419	513	Yes		20	24	No		53	39	Yes	0.05
1/12/98	12,997	589	Yes		1,281	35	No		324	41	Yes	0.10
1/15/98	305	354	No		108	41	No		53	33	No	0.35
1/20/98	1,259	530	Yes		379	64	No		207	45	Yes	0.30
1/27/98	1,918	1320	Yes		985	253	Yes		1,013	180	Yes	0.51
2/2/98	15,531	2719	Yes		987	551	Yes		2,010	373	Yes	0.06
2/9/98	833	1570	Yes		10	209	Yes		42	248	Yes	0.01
2/17/98	7,270	2960	Yes		41	172	No		87	274	Yes	0.01
2/23/98	30,000	5580	Yes		1,273	219	Yes		2,010	431	Yes	0.04
3/2/98	238	3676	Yes		1	55	No		1	108	Yes	0.00
3/9/98	201	1541	Yes		10	22	No		1	24	No	0.05
3/16/98	480	1380	No		41	29	No		1	11	No	0.09
3/23/98	1,396	992	Yes		240	42	No		271	14	No	0.17
3/30/98	256	383	No		1	10	No		10	5	No	0.00
4/6/98	2,098	591	Yes		63	23	No		111	12	No	0.03
4/13/98	382	672	Yes		61	33	No		150	34	No	0.16
4/20/98	2,489	935	Yes		109	40	No		124	89	Yes	0.04
4/27/98	183	622	Yes		1	13	No		20	53	Yes	0.01
5/4/98	6,488	1188	Yes		158	37	No		453	113	Yes	0.02
5/11/98	528	902	Yes		63	37	No		31	88	Yes	0.12
5/18/98	5,893	1559	Yes		546	57	No		324	102	Yes	0.09

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5/26/98	31	648	Yes	1	22	No	1	39	Yes	0.03	
6/1/98	1	229	Yes	1	22	No	1	21	No	1.00	
6/8/98	2,247	185	Yes	305	25	No	192	18	No	0.14	
6/15/98	645	193	Yes	480	38	No	324	29	No	0.74	
6/22/98	581	121	No	74	26	No	31	18	No	0.13	
6/29/98	3,282	308	Yes	314	81	No	87	44	Yes	0.10	
7/6/98	20	560	Yes	41	169	No	31	88	Yes	2.05	
7/13/98	146	324	Yes	121	141	No	42	65	Yes	0.83	
7/20/98	20	162	No	10	65	No	1	20	No	0.50	
7/27/98	52	100	No	30	54	No	1	10	No	0.58	
8/3/98	31	39	No	1	17	No	20	8	No	0.03	
8/10/98	30,000	170	No	241	24	No	885	15	No	0.01	
8/12/98	84	152	No	41	20	No	1	7	No	0.49	
8/17/98	12,033	547	Yes	341	40	No	406	24	No	0.03	
8/24/98	10	393	Yes	10	32	No	1	24	No	1.00	
8/31/98	148	538	Yes	20	58	No	1	13	No	0.14	
9/8/98	31	136	No	20	35	No	10	5	No	0.65	
9/14/98	408	186	No	143	46	No	99	13	No	0.35	
9/21/98	262	87	No	52	31	No	1	4	No	0.20	
9/28/98	31	109	No	10	31	No	1	4	No	0.32	
10/5/98	228	119	No	74	41	No	75	9	No	0.32	
10/12/98	359	193	No	10	35	No	10	9	No	0.03	
10/19/98	1,274	243	No	31	26	No	42	8	No	0.02	
10/26/98	74	189	No	20	21	No	31	16	No	0.27	
11/2/98	389	313	No	148	37	No	359	51	Yes	0.38	
11/9/98	6,488	611	Yes	98	39	No	20	39	Yes	0.02	
11/16/98	171	527	Yes	98	62	No	52	55	Yes	0.57	
11/23/98	122	330	No	86	75	No	31	51	Yes	0.70	
11/30/98	839	536	No	41	87	No	1	26	No	0.05	
12/7/98	4,352	869	Yes	323	102	No	959	31	No	0.07	
12/14/98	20	273	No	10	64	No	1	17	No	0.50	
12/21/98	41	205	No	41	54	No	20	14	No	1.00	
12/28/98	131	208	No	72	52	No	10	11	No	0.55	
1/4/99	301	170	No	41	52	No	1	11	No	0.14	No
1/11/99	20	58	No	10	26	No	1	3	No	0.50	No

E.Beach@Sycamore

	1/19/99	487	110	No		249	50	No		231	9	Yes		0.51	No
	1/25/99	30,000	410	Yes		1,450	101	Yes		2,098	22	Yes		0.05	No
	1/27/99	884	600	No		20	78	No		122	36	Yes		0.02	No
	2/1/99	471	656	No		20	68	No		41	75	No		0.04	No
	2/8/99	52	794	No		10	68	No		20	137	No		0.19	No
	2/16/99	63	528	No		30	44	No		3	58	No		0.48	No
	2/22/99	20	122	No		10	16	No		3	16	No		0.50	No
	3/1/99	52	69	No		41	19	No		285	18	Yes		0.79	No
	3/8/99	3	25	No		3	13	No		3	11	No		1.00	No
	3/15/99	9,804	72	No		1,112	33	Yes		1,956	27	Yes		0.11	Yes
	3/22/99	908	123	No		161	47	No		52	48	No		0.18	No
	3/29/99	3	84	No		3	37	No		3	48	No		1.00	No
	4/5/99	4,611	206	Yes		1,313	73	Yes		1,935	71	Yes		0.28	Yes
	4/12/99	1,664	728	Yes		173	165	No		231	169	Yes		0.10	No
	4/19/99	63	265	Yes		3	51	No		3	46	No		0.05	No
	4/26/99	738	255	No		187	52	No		31	42	No		0.25	No
	5/3/99	41	430	No		31	83	No		3	42	No		0.76	No
	5/10/99	3	99	No		3	25	No		3	11	No		1.00	No
	5/17/99	20	41	No		10	14	No		3	5	No		0.50	No
	5/24/99	3	22	No		3	14	No		3	5	No		1.00	No
	6/1/99	10	9	No		3	6	No		3	3	No		0.30	No
	6/7/99	3	6	No		3	4	No		3	3	No		1.00	No
	6/14/99	199	13	No		31	6	No		30	5	No		0.16	No
	6/22/99	20	13	No		31	8	No		10	6	No		1.55	No
	6/28/99	10	16	No		10	10	No		3	6	No		1.00	No
	7/6/99	10	16	No		3	10	No		3	6	No		0.30	No
	7/12/99	24,192	99	Yes		9,804	49	Yes		624	18	Yes		0.41	Yes
	7/19/99	10	55	No		10	39	No		10	14	No		1.00	No
	7/26/99	84	73	No		3	24	No		10	14	No		0.04	No
	8/2/99	3	57	No		3	19	No		3	14	No		1.00	No
	8/9/99	10	57	No		3	19	No		3	14	No		0.30	No
	8/16/99	3	9	No		3	4	No		3	5	No		1.00	No
	8/23/99	10	9	No		10	4	No		3	4	No		1.00	No
	8/30/99	3	5	No		3	4	No		10	4	No		1.00	No
	9/7/99	3	5	No		3	4	No		41	6	No		1.00	No

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	9/13/99	10	5	No		3	4	No		3	6	No		0.30	No
	9/20/99	3	5	No		3	4	No		3	6	No		1.00	No
	9/27/99	63	7	No		10	4	No		3	6	No		0.16	No
	10/4/99	3	7	No		3	4	No		3	5	No		1.00	No
	10/11/99	10	9	No		10	5	No		3	3	No		1.00	No
	10/18/99	10	9	No		10	6	No		20	4	No		1.00	No
	10/25/99	31	14	No		3	6	No		3	4	No		0.10	No
	11/1/99	41	13	No		10	6	No		3	4	No		0.24	No
	11/8/99	1,259	44	No		135	13	No		41	7	No		0.11	Yes
	11/15/99	20	50	No		3	10	No		3	7	No		0.15	No
	11/22/99	86	77	No		3	8	No		3	5	No		0.03	No
	11/29/99	31	77	No		3	8	No		20	7	No		0.10	No
	12/6/99	213	107	No		171	14	No		158	16	Yes		0.80	No
54	Re-12/8/99	85	63	No		52	12	No		256	24	Yes		0.61	No
	12/13/99	3	43	No		3	12	No		10	30	No		1.00	No
	12/20/99	20	32	No		10	15	No		10	38	No		0.50	No
	12/27/99	10	26	No		3	15	No		41	44	No		0.30	No
	1/3/00	20	16	No		3	7	No		3	20	No		0.15	No
	1/10/00	41	14	No		3	4	No		3	8	No		0.07	No
	1/18/00	350	36	No		41	6	No		84	13	No		0.12	No
	1/24/00	246	59	No		20	7	No		31	16	No		0.08	No
	1/31/00	471	127	No		97	15	No		173	21	Yes		0.21	No
	RE-2/2/00	789	265	No		379	39	No		63	39	No		0.48	No
	2/7/00	41	265	No		20	57	No		10	49	No		0.49	No
	2/14/00	2,755	401	No		175	76	No		146	55	Yes		0.06	No
	2/22/00	1,850	600	No		63	96	No		134	73	Yes		0.03	No
	2/28/00	3,654	904	No		189	110	No		134	70	Yes		0.05	No
	RE-3/1/00	428	800	No		20	61	No		20	55	No		0.05	No
	3/6/00	30,000	2990	Yes		318	106	No		1,993	160	Yes		0.01	No
	re-03/08/2000	1,054	2468	No		41	79	No		216	173	Yes		0.04	No
	3/13/00	379	1806	No		85	80	No		127	164	Yes		0.22	No
	re-03/15/2000	528	1465	No		230	99	No		10	107	No		0.44	No
	3/20/00	637	1301	No		20	79	No		20	84	No		0.03	No
	3/27/00	31	658	No		3	44	No		3	49	No		0.10	No
	4/3/00	20	425	No		10	40	No		3	37	No		0.50	No



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	4/10/00	52	127	No		31	27	No		3	9	No		0.60	No
	4/17/00	30,000	228	Yes		10,462	45	Yes		15531	24	Yes		0.35	Yes
	re-04/19/2000	933	246	No		41	53	No		31	26	No		0.04	No
	4/24/00	173	347	No		3	53	No		3	26	No		0.02	No
	5/8/00	31	379	No		10	53	No		3	26	No		0.32	No
	5/15/00	262	524	No		97	66	No		3	26	No		0.37	No
	5/22/00	3	83	No		3	13	No		3	5	No		1.00	No
	5/30/00	108	54	No		20	11	No		3	3	No		0.19	No
	6/5/00	301	60	No		20	16	No		3	3	No		0.07	No
	6/12/00	63	69	No		10	16	No		3	3	No		0.16	No
	6/19/00	465	78	No		41	14	No		3	3	No		0.09	No
	6/26/00	20	114	No		3	14	No		3	3	No		0.15	No
	7/5/00	20	81	No		20	14	No		3	3	No		1.00	No
	7/10/00	121	68	No		110	19	No		10	4	No		0.91	No
	7/17/00	10	47	No		3	15	No		201	9	Yes		0.30	No
	re7/19/2000	31	27	No		3	9	No		10	11	No		0.10	No
	7/24/00	3,448	76	No		10	11	No		3	11	No		0.00	No
	7/31/00	135	112	No		41	13	No		3	11	No		0.30	No
	8/7/00	10	68	No		10	8	No		3	9	No		1.00	No
	8/14/00	10	68	No		3	8	No		3	4	No		0.30	No
	8/21/00	10	54	No		3	8	No		3	3	No		0.30	No
	8/28/00	63	24	No		3	6	No		10	4	No		0.05	No
	9/5/00	20	17	No		3	4	No		3	4	No		0.15	No
	9/11/00	3	13	No		3	3	No		3	4	No		1.00	No
	9/18/00	10	13	No		10	4	No		10	5	No		1.00	No
	9/25/00	10	13	No		3	4	No		3	5	No		0.30	No
	10/2/00	275	18	No		52	7	No		31	6	No		0.19	No
	10/9/00	10	16	No		10	7	No		20	7	No		1.00	No
	10/16/00	63	19	No		52	12	No		10	9	No		0.83	No
	10/23/00	31	29	No		10	14	No		10	11	No		0.32	No
	10/30/00	2,481	71	No		74	20	No		73	15	No		0.03	No
	11/6/00	677	144	No		272	42	No		443	36	Yes		0.40	No
	re-11/8/2000	279	145	No		3	26	No		41	37	No		0.01	No
	11/13/00	20	162	No		3	21	No		31	40	No		0.15	No
	11/20/00	109	178	No		41	21	No		10	40	No		0.38	No

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	11/27/00	97	215	No		63	28	No		332	72	Yes		0.65	No
	12/4/00	85	123	No		31	24	No		10	52	No		0.36	No
	12/11/00	233	103	No		135	21	No		30	33	No		0.58	No
	12/18/00	3	48	No		3	21	No		3	21	No		1.00	No
	12/26/00	31	52	No		10	26	No		168	28	Yes		0.32	No
	12/28/2000-re	10	35	No		10	21	No		10	28	No		1.00	No
	1/2/01	10	24	No		3	12	No		10	16	No		0.30	No
	1/8/01	169	27	No		52	14	No		86	23	No		0.31	No
	1/16/01	97	23	No		3	7	No		3	15	No		0.03	No
	1/22/01	393	52	No		97	13	No		41	24	No		0.25	No
	1/29/01	697	88	No		181	21	No		108	22	Yes		0.26	No
	1/31/2001-re	3	72	No		3	17	No		10	22	No		1.00	No
	2/5/01	52	94	No		41	26	No		10	22	No		0.79	No
	2/12/01	1,789	140	No		30	24	No		97	22	No		0.02	No
	2/20/01	2,046	232	No		272	51	No		201	45	Yes		0.13	Yes
	2/22/01	1,722	297	No		1,081	76	Yes		63	49	No		0.63	Yes
	2/26/01	706	298	No		20	53	No		41	41	No		0.03	No
	3/6/01	3,873	982	No		52	85	No		160	66	Yes		0.01	No
	3/6/01	19,863	2645	Yes		393	124	No		1087	144	Yes		0.02	No
	3/8/01	3,873	3008	No		393	190	No		121	149	Yes		0.10	Yes
	3/12/01	148	1942	No		3	90	No		3	74	No		0.02	No
	3/19/01	457	1557	No		84	59	No		52	72	No		0.18	No
	3/26/01	161	1217	No		20	59	No		30	68	No		0.12	No
	4/2/01	63	612	No		20	50	No		3	35	No		0.32	No
	4/9/01	504	332	No		3	22	No		10	16	No		0.01	No
	4/16/01	410	228	No		63	16	No		10	11	No		0.15	No
	4/23/01	146	228	No		10	20	No		10	13	No		0.07	No

# EAST BEACH- Mission Creek

Fac: ID# 012526

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total
East	9/10/96	3,060			100			20			0.03
Beach	9/2/97	20,050			10,230			2,005			0.51
Mssn	11/4/96	20,050			4,290			591			0.21
Creek	11/11/96	4,530			3,640			1,091			0.80
Mouth	11/18/96	10	2,235	Yes	10	693		1	121		1.00
	11/25/96	2,220	2,096	Yes	310	869		124	174		0.14
	12/2/96	8,850	1,780	Yes	750	515		364	124		0.08
	12/9/96	25,400	1,866	Yes	3,100	483		453	117		0.12
	12/16/96	2,710	1,684	Yes	640	341		178	82		0.24
	1/6/97	20,050	7,703	Yes	750	809		531	287		0.04
	1/9/97	11,840	10,766	Yes	3,240	1293		780	414		0.27
	1/13/97	20,050	12,679	Yes	9,450	2146		2,005	582		0.47
	1/21/97	5,310	9,271	Yes	310	1354		2,005	784		0.06
	2/3/97	7,820	11,460	Yes	2,540	1784		560	986		0.32
	2/10/97	6,240	9,074	Yes	640	1729		429	945		0.10
	2/18/97	2,380	6,583	Yes	100	862		222	735		0.04
	2/25/97	990	3,607	Yes	100	347		150	438		0.10
	3/3/97	200	1,872	Yes	100	277		1	96		0.50
	3/10/97	10	494	Yes	10	91		10	43		1.00
	3/17/97	1,780	384	Yes	310	79		75	30		0.17
	3/24/97	100	204	No	100	79		2,050	47		1.00
	3/31/97	1,370	218	Yes	100	79		87	42		0.07
	4/7/97	100	189	Yes	10	50		10	67		0.10
	4/14/97	10	189	Yes	10	50		1	42		1.00
	4/21/97	310	134	No	10	25		10	28		0.03
	4/28/97	10	84	No	10	16		31	12		1.00

5/5/97	200	57	No	10	10		64	11		0.05
5/13/97	1,370	97	No	990	25		150	20		0.72
5/19/97	20,100	443	Yes	20,100	115		1,013	79		1.00
5/21/97	8,310	855	Yes	640	264		1,013	198		0.08
5/27/97	100	1,356	Yes	10	264		10	158		0.10
6/2/97	2,070	2,163	Yes	100	418		87	168		0.05
6/9/97	530	1,789	Yes	200	303		364	201		0.38
6/16/97	200	712	Yes	10	66		53	111		0.05
6/23/97	100	294	No	100	46		10	44		1.00
6/30/97	310	369	No	200	83		1	28		0.65
7/7/97	10	127	No	10	53		10	18		1.00
7/14/97	100	91	No	100	46		10	9		1.00
7/21/97	10	50	No	10	46		31	8		1.00
7/23/97	10	31	No	10	29		1	5		1.00
7/28/97	10	16	No	10	16		10	8		1.00
8/4/97	100	25	No	100	25		20	9		1.00
8/11/97	10	16	No	10	16		10	9		1.00
8/18/97	1,110	41	No	10	16		429	15		0.01
8/25/97	100	64	No	10	16		31	31		0.10
9/2/97	100	102	No	10	16		42	41		0.10
9/8/97	5,310	226	Yes	420	21		64	51		0.08
9/15/97	10	226	Yes	10	21		10	51		1.00
9/22/97	640	202	No	420	45		64	35		0.66
9/29/97	100	202	No	100	71		1	18		1.00
10/6/97	10	128	No	10	71		20	15		1.00
10/13/97	10	36	No	10	33		42	14		1.00
10/20/97	310	72	No	310	67		111	23		1.00
10/27/97	10	31	No	10	31	No	10	16	No	1.00
11/3/97	100	31	No	10	20	No	42	33	No	0.10
11/10/97	100	50	No	10	20	No	560	64	Yes	0.10
11/17/97	7,380	187	No	100	31	No	222	90	Yes	0.01
11/24/97	750	223	No	10	16	No	42	74	Yes	0.01
12/1/97	5,910	800	Yes	200	29	No	406	155	Yes	0.03
12/8/97	5,172	1,761	Yes	197	52	No	111	188	Yes	0.04
12/15/97	583	2,505	Yes	10	52	No	10	84	Yes	0.02

12/22/97	30,000	3,316	Yes	784	79	No	885	111	Yes	0.03
12/23/97	4,352	4,714	Yes	331	159	No	288	163	Yes	0.08
12/29/97	318	2,627	Yes	73	130	No	31	97	Yes	0.23
1/5/98	17,329	3,346	Yes	332	144	No	364	124	Yes	0.02
1/8/98	6,867	5,480	Yes	350	294	Yes	384	256	Yes	0.05
1/12/98	6,131	3,989	Yes	528	272	Yes	324	210	Yes	0.09
1/15/98	985	2,963	Yes	228	252	Yes	31	134	Yes	0.23
1/20/98	601	3,366	Yes	135	285	Yes	87	165	Yes	0.22
1/27/98	1,989	2,183	Yes	441	302	Yes	591	182	Yes	0.22
2/2/98	25,000	2,827	Yes	11,199	604	Yes	2,010	253	Yes	0.45
2/9/98	30,000	3,883	Yes	1,678	761	Yes	2,500	381	Yes	0.06
2/17/98	30,000	7,690	Yes	6,488	1487	Yes	2,005	877	Yes	0.22
2/23/98	30,000	16,811	Yes	14,136	3769	Yes	2,010	1643	Yes	0.47
3/2/98	3,448	18,766	Yes	183	3161	Yes	1,184	1888	Yes	0.05
3/9/98	1,198	10,221	Yes	288	1520	Yes	178	1163	Yes	0.24
3/16/98	450	4,413	Yes	74	814	Yes	10	385	Yes	0.16
3/23/98	1,076	2,268	Yes	169	393	Yes	53	186	Yes	0.16
3/30/98	443	976	Yes	41	122	No	10	65	Yes	0.09
4/6/98	669	703	Yes	169	120	No	124	41	Yes	0.25
4/13/98	30	336	No	30	76	No	10	23	Yes	1.00
4/20/98	233	295	No	10	51	No	31	29	No	0.04
4/27/98	41	153	No	1	18	No	10	21	No	0.02
5/4/98	2,282	213	No	31	17	No	364	43	Yes	0.01
5/11/98	1,296	243	Yes	311	20	No	178	46	Yes	0.24
5/18/98	3,436	627	Yes	345	32	No	222	85	Yes	0.10
5/26/98	1,727	936	Yes	189	58	No	478	147	Yes	0.11
6/1/98	17,329	3,138	Yes	426	193	No	111	238	Yes	0.02
6/8/98	323	2,122	Yes	121	253	Yes	87	179	Yes	0.37
6/15/98	1,674	2,234	Yes	379	264	Yes	344	204	Yes	0.23
6/22/98	12,033	2,870	Yes	2,613	395	Yes	207	201	Yes	0.22
6/29/98	2,909	3,185	Yes	243	416	Yes	99	147	Yes	0.08
7/6/98	30,000	3,555	Yes	1,669	546	Yes	429	192	Yes	0.06
7/13/98	24,192	8,428	Yes	1,904	948	Yes	1,445	337	Yes	0.08
7/20/98	30,000	15,011	Yes	294	901	Yes	254	318	Yes	0.01
7/27/98	30,000	18,020	Yes	857	721	Yes	137	292	Yes	0.03

	8/3/98	30,000	28,736	Yes		5,794	1359	Yes		1,184	480	Yes		0.19
	8/10/98	662	13,402	Yes		143	831	Yes		1	143	Yes		0.22
	8/17/98	132	4,727	Yes		10	291	Yes		1	33	Yes		0.08
	8/24/98	240	1,800	Yes		85	227	Yes		1	11	No		0.35
	8/31/98	637	833	No		171	164	No		10	7	No		0.27
	9/8/98	345	341	No		146	79	No		53	4	No		0.42
	9/14/98	201	269	No		98	73	No		31	7	No		0.49
	9/21/98	9,804	636	No		768	174	No		306	22	No		0.08
	9/28/98	591	761	No		373	234	Yes		10	35	Yes		0.63
	10/5/98	85	509	No		52	184	No		20	40	Yes		0.61
	10/12/98	520	552	No		520	238	Yes		1	18	No		1.00
	10/19/98	1,236	794	Yes		110	243	Yes		1	9	No		0.09
	10/26/98	256	383	No		131	171	No		1	3	No		0.51
	11/2/98	228	317	No		121	136	No		97	5	No		0.53
	11/9/98	1,779	582	Yes		146	168	No		20	5	No		0.08
	11/16/98	74	394	Yes		41	101	No		1	5	No		0.55
	11/23/98	132	252	No		97	98	No		1	5	No		0.73
	11/30/98	30,000	653	Yes		3,448	189	No		4,106	24	No		0.11
	12/1/98	30,000	1,733	Yes		1,450	311	Yes		609	35	Yes		0.05
	12/7/98	813	1,482	Yes		10	182	No		20	35	Yes		0.01
	12/14/98	529	2,196	Yes		63	198	No		20	63	Yes		0.12
	12/21/98	74	1,956	Yes		52	175	No		10	100	Yes		0.70
	12/28/98	20	453	No		10	54	No		1	19	No		0.50
	1/4/99	73	136	No		10	20	No		1	5	No		0.14
	1/11/99	187	101	No		121	33	No		20	5	No		0.65
	1/19/99	749	109	No		441	49	Yes		624	10	Yes		0.59
	1/25/99	1,296	193	No		226	66	No		41	14	No		0.17
	2/1/99	794	402	No		41	87	No		134	37	Yes		0.05
	2/8/99	309	537	No		134	146	No		31	73	No		0.43
	2/16/99	41	396	No		20	102	No		41	85	No		0.49
	2/22/99	203	305	No		74	71	No		3	29	No		0.36
	3/1/99	309	229	No		185	68	No		443	47	Yes		0.60
	3/8/99	216	177	No		74	77	No		20	32	No		0.34
	3/15/99	19,863	406	Yes		1,918	131	Yes		3,654	83	Yes		0.10
	Re3/17/1999	10	306	No		3	90	No		10	63	No		0.30

	3/22/99	20	193	No	10	60	No	3	63	No	0.50
	3/29/99	12,033	401	Yes	697	78	Yes	74	44	No	0.06
	Re3/31/1999	143	369	No	41	70	No	3	30	No	0.29
	4/5/99	206	148	No	110	39	No	10	25	No	0.53
	4/12/99	30,000	734	Yes	2,359	149	Yes	3,873	25	Yes	0.08
	Re4/14/99	464	1,376	No	74	223	Yes	31	48	No	0.16
	4/19/99	789	798	No	109	154	No	10	32	No	0.14
	4/26/99	680	1,090	No	153	200	No	41	55	No	0.23
	5/3/99	183	1,064	No	107	199	No	3	43	No	0.58
	5/10/99	74	320	No	10	67	No	41	17	No	0.14
	5/17/99	74	222	No	3	35	No	171	24	Yes	0.04
	5/24/99	226	173	No	98	34	No	3	19	No	0.43
	6/1/99	249	141	No	52	28	No	3	11	No	0.21
	6/7/99	428	168	No	10	17	No	3	11	No	0.02
	6/14/99	259	215	No	110	28	No	63	12	No	0.42
	6/22/99	4,352	486	No	404	74	Yes	41	9	No	0.09
	6/28/99	1,970	750	No	548	105	Yes	504	26	Yes	0.28
	7/6/99	1,904	1,126	No	31	95	No	3	26	No	0.02
	7/12/99	231	995	No	52	131	No	10	33	No	0.23
	7/19/99	2,247	1,533	No	199	148	No	10	23	No	0.09
	7/26/99	842	1,104	No	132	118	No	20	20	No	0.16
	8/2/99	4,611	1,309	No	275	103	No	10	9	No	0.06
	8/9/99	5,794	1,635	No	4,190	275	Yes	30	14	No	0.72
	re-08/11/1999	332	1,758	No	85	303	Yes	20	16	No	0.26
7:30am	8/16/99	122	982	No	31	209	Yes	10	16	No	0.25
10:15am	8/16/99	8,664	1,565	No	1,012	314	Yes	31	18	No	0.12
	Re8/18/99	74	685	No	10	162	No	3	14	No	0.14
	8/23/99	457	412	No	240	91	No	52	16	No	0.53
	re-08/25/1999	183	366	No	20	68	No	10	14	No	0.11
8:15am	8/30/99	74	280	No	3	41	No	30	16	No	0.04
	9/7/99	122	280	No	20	38	No	20	18	No	0.16
	9/13/99	10	91	No	10	18	No	3	12	No	1.00
	9/20/99	691	132	No	389	32	No	52	19	No	0.56
	9/27/99	199	104	No	146	32	No	52	22	No	0.73
	10/4/99	836	170	No	259	78	No	30	22	No	0.31

10/11/99	20	118	No	20	78	No	3	15	No	1.00
10/18/99	41	157	No	20	90	No	10	19	No	0.49
10/25/99	548	150	No	97	68	No	3	11	No	0.18
11/1/99	323	165	No	288	78	No	3	6	No	0.89
11/8/99	30,000	337	Yes	4,884	140	Yes	2,755	15	Yes	0.16
11/15/99	14,136	1,252	Yes	187	220	No	199	35	Yes	0.01
11/22/99	581	2,128	No	256	366	No	677	80	Yes	0.44
11/29/99	504	2,092	No	85	356	No	41	135	No	0.17
12/6/99	134	1,755	No	74	271	No	41	229	No	0.55
12/13/99	173	626	No	109	127	No	3	58	No	0.63
12/20/99	148	251	No	52	98	No	85	49	No	0.35
12/27/99	31	140	No	3	40	No	3	17	No	0.10
1/3/00	10	64	No	10	26	No	10	13	No	1.00
1/10/00	183	68	No	84	27	No	203	17	Yes	0.46
Re-1/12/00	52	53	No	41	22	No	3	17	No	0.79
1/18/00	24,192	148	Yes	373	33	No	336	23	Yes	0.02
1/24/00	428	250	No	74	62	No	10	29	No	0.17
1/31/00	1,223	655	No	145	107	No	86	45	No	0.12
2/7/00	218	678	No	86	107	No	52	34	No	0.39
2/14/00	24,192	2,317	Yes	1,670	225	Yes	2,064	125	Yes	0.07
2/22/00	2,987	1,525	No	134	183	No	459	133	Yes	0.04
2/28/00	2,247	2,125	No	85	188	No	86	205	No	0.04
3/6/00	30,000	4,029	Yes	1,782	311	Yes	8,164	510	Yes	0.06
re-03/08/2000	19,863	9,934	Yes	985	507	Yes	2,187	1,078	Yes	0.05
3/13/00	359	5,712	no	86	377	no	31	597	no	0.24
3/20/00	2,142	3,813	No	318	286	No	41	310	No	0.15
RE-03/22/2000	318	2,625	No	10	186	No	3	134	No	0.03
3/27/00	504	2046	No	31	157	No	3	77	No	0.06
4/3/00	3	206	No	3	30	No	3	8	No	1.00
4/10/00	684	234	No	218	36	No	20	7	No	0.32
4/17/00	30,000	397	Yes	7,701	69	Yes	19863	25	Yes	0.26
re-04/19/2000	8,664	769	No	393	144	No	63	47	No	0.05
4/24/00	1,296	929	No	171	202	No	30	74	No	0.13
re-04/26/2000	435	2513	No	52	358	No	10	94	No	0.12
5/8/00	272	2090	No	52	269	No	3	65	No	0.19



	5/15/00	122	695	No		74	106	No		3	11	No		0.61
	5/22/00	10	180	No		3	40	No		3	6	No		0.30
	5/30/00	132	114	No		20	26	No		10	5	No		0.15
	6/5/00	886	131	No		63	27	No		10	5	No		0.07
	6/12/00	97	107	No		52	27	No		3	5	No		0.54
	6/19/00	183	116	No		31	23	No		3	5	No		0.17
	6/26/00	122	191	No		86	45	No		10	6	No		0.70
	7/5/00	148	195	No		41	51	No		20	7	No		0.28
	7/10/00	132	133	No		41	47	No		3	6	No		0.31
	7/17/00	41	112	No		3	27	No		10	7	No		0.07
	7/24/00	1,565	173	No		41	28	No		10	9	No		0.03
	7/31/00	1,043	265	No		74	27	No		3	7	No		0.07
	8/7/00	175	274	No		41	27	No		10	6	No		0.23
	8/14/00	402	342	No		131	35	No		10	8	No		0.33
	8/21/00	295	508	No		161	77	No		52	11	No		0.55
	8/28/00	74	276	No		20	66	No		63	16	No		0.27
	9/5/00	31	137	No		10	44	No		3	16	No		0.32
	9/11/00	20	89	No		20	38	No		3	12	No		1.00
	9/18/00	1,050	107	No		253	44	No		3	10	No		0.24
	re-9/20/2000	384	113	No		20	29	No		3	6	No		0.05
	9/25/00	85	116	No		30	31	No		3	3	No		0.35
	10/2/00	158	161	No		42	42	No		3	3	No		0.27
	10/9/00	52	133	No		10	33	No		20	4	No		0.19
	10/16/00	41	150	No		3	24	No		3	4	No		0.07
	10/23/00	20	78	No		3	11	No		3	4	No		0.15
	10/30/00	19,863	150	Yes		520	20	Yes		332	9	Yes		0.03
	11/1/00	1,989	254	No		63	22	No		96	16	No		0.03
	11/6/00	932	341	No		120	27	No		74	27	No		0.13
	11/13/00	313	460	No		63	36	No		31	29	No		0.20
	11/20/00	391	670	No		31	53	No		74	50	No		0.08
	11/27/00	52	785	No		31	79	No		85	88	No		0.60
	12/4/00	121	336	No		52	54	No		31	59	No		0.43
	12/11/00	3	114	No		3	32	No		10	41	No		1.00
	12/18/00	20	60	No		20	24	No		3	24	No		1.00
	12/26/00	96	49	No		30	21	No		31	24	No		0.31

	1/2/01	52	35	No		3	14	No		3	14	No		0.06
	1/8/01	75	37	No		10	12	No		74	14	No		0.13
	1/16/01	842	52	No		73	13	No		10	11	No		0.09
	1/22/01	2,851	162	No		530	30	Yes		414	21	Yes		0.19
	1/24/2001-re	30,000	548	Yes		8,664	82	Yes		8164	78	Yes		0.29
	1/29/01	1,223	837	No		119	103	No		74	91	No		0.10
	2/5/01	2,098	1550	No		213	210	No		41	140	No		0.10
	2/7/2001re	1,467	2544	No		226	353	No		74	140	No		0.15
	2/12/01	3,654	3249	No		179	409	No		379	257	Yes		0.05
	2/20/01	30,000	4810	Yes		1,314	476	Yes		1658	324	Yes		0.04
	2/22/01	4,611	3520	No		298	272	No		521	205	Yes		0.06
	2/26/01	2,851	4053	No		384	330	No		481	280	Yes		0.13
	2/28/01	5,794	4801	No		63	270	No		41	280	No		0.01
	3/6/01	17,329	7246	Yes		3,130	418	Yes		2098	488	Yes		0.18
	3/8/01	15,531	9222	Yes		350	467	No		243	453	Yes		0.02
	3/12/01	1,137	5345	No		223	348	No		3	158	No		0.20
	3/19/01	3,255	5043	No		805	410	Yes		97	120	No		0.25
	3/21/01	10,462	6263	Yes		1,401	509	Yes		203	104	Yes		0.13
	3/26/01	1,439	4966	No		231	632	No		73	114	No		0.16
	3/28/01	480	2732	No		74	339	No		31	56	No		0.15
	4/2/01	11,199	3342	Yes		1,670	425	Yes		206	68	Yes		0.15
	4/4/01	3,448	2695	No		345	424	No		20	48	No		0.10
	4/9/01	697	2407	No		20	255	No		10	52	No		0.03
	4/16/01	30,000	2869	Yes		30,000	425	Yes		733	64	Yes		1.00
	4/18/01	3,076	3256	No		85	360	No		63	62	No		0.03
	4/23/01	441	3211	No		185	419	No		52	68	No		0.42

####	624	#REF!	No		#	#REF!	Yes		3	#REF!	No		#	No
						LEADBETTER								
						Fac ID# 012527								
Site	Date	Total Coliform	LOG MEAN	exceeds		Fecal Coliform	LOG MEAN	exceeds		Enterococcus	LOG MEAN	exceeds		Ratio of fecal/total
Lead	9/4/96	10				10				20				1.00
Better	9/10/96	10				10				1				1.00
Beach	9/2/97	870				310				531				0.36
	9/25/96	10				10				1				1.00
	10/1/96	10	24	No		10	20			1	6			1.00
	10/7/96	100	39	No		10	20			10	6			0.10
	10/14/96	530	86	No		100	31			178	16			0.19
	10/21/97	10	35	No		10	16			10	7			1.00
	10/29/97	870	86	No		310	31			254	21			0.36
	11/4/96	10	86	No		10	31			1	21			1.00
	11/11/96	2,380	161	No		310	63			324	43			0.13
	11/18/96	10	73	No		10	39			1	15			1.00
	11/25/96	10	73	No		10	39			10	15			1.00
	12/2/96	10	30	No		10	20			20	9			1.00
	12/9/96	7,380	112			420	42			697	34			0.06
	12/16/96	200	68	No		10	21			137	29			0.05
	1/6/97	310	136	No		10	21			1	29			0.03
	1/13/97	1,240	355			100	33			1,445	77			0.08
	1/21/97	5,040	1234			530	74			885	165			0.11
	1/27/97	1,370	881			310	70			238	133			0.23
	2/3/97	100	767			10	70			10	79			0.10
	2/10/97	420	815			10	70			254	239			0.02
	2/18/97	420	656			10	44			222	164			0.02
	2/25/97	10	189	No		10	20			1	42			1.00
	3/3/97	10	71	No		10	10			10	22			1.00
	3/10/97	10	45	No		10	10			1	14			1.00
	3/17/97	10	21	No		10	10			1	5			1.00

## Leadbetter 007

3/24/97	10	10	No	10	10		NA	2		1.00
3/31/97	10	10	No	10	10		99	6		1.00
4/7/97	10	10	No	10	10		31	7		1.00
4/14/97	750	24	No	10	10		1	7		0.01
4/21/97	10	24	No	10	10		10	13		1.00
4/28/97	10	24	No	10	10		42	17		1.00
5/5/97	10	24	No	10	10		53	15		1.00
5/13/97	10	24	No	10	10		111	19		1.00
5/19/97	10	10	No	10	10		75	45		1.00
5/27/97	10	10	No	10	10		20	52		1.00
6/2/97	420	21	No	200	18		31	49		0.48
6/9/97	10	21	No	10	16		1	25		1.00
6/16/97	10	21	No	10	15		20	25		1.00
6/23/97	100	33	No	100	21		42	24		1.00
6/30/97	10	33	No	10	21		111	24		1.00
7/7/97	310	31	No	100	30		20	20		0.32
7/14/97	10	31	No	10	30		1	13		1.00
7/21/97	100	50	No	100	27		64	14		1.00
7/28/97	100	50	No	10	27		87	27		0.10
8/4/97	200	91	No	100	37		1	18		0.50
8/11/97	420	97	No	10	27		10	14		0.02
8/18/97	10	97	No	10	27		42	12		1.00
8/25/97	100	97	No	10	19		1	8		0.10
9/2/97	10	61	No	10	19		31	13		1.00
9/8/97	100	53	No	100	19		10	10		1.00
9/15/97	10	25	No	10	19		10	7		1.00
9/22/97	10	25	No	10	14		1	7		1.00
9/29/97	100	25	No	10	14		1	5		0.10
10/6/97	100	40	No	10	14		1	3		0.10
10/13/97	310	50	No	310	23		111	6		1.00
10/20/97	10	50	No	10	23		20	6		1.00
10/27/97	420	105	No	200	25	No	384	10	No	0.48
11/3/97	870	162	No	750	46	No	738	18	No	0.86
11/10/97	2,070	298	No	1,370	94	No	2,005	54	Yes	0.66
11/12/97	1,240	393	Yes	10	94	No	75	99	Yes	0.01
11/17/97	1,370	1051	Yes	100	130	No	64	180	Yes	0.07
11/24/97	640	1144	Yes	100	111	No	453	220	Yes	0.16

## Leadbetter 007

12/1/97	2,220	1380	Yes	100	154	No	111	281	Yes	0.05
12/8/97	3,445	1527	Yes	63	131	No	124	239	Yes	0.02
12/15/97	275	1130	Yes	1	51	No	10	129	Yes	0.00
12/22/97	445	903	Yes	41	31	No	10	61	Yes	0.09
12/29/97	63	568	Yes	10	31	No	238	71	Yes	0.16
1/5/98	85	296	No	1	16	No	222	85	Yes	0.01
1/12/98	399	192	No	110	16	No	124	71	Yes	0.28
1/20/98	52	138	No	1	8	No	20	56	Yes	0.02
1/27/98	487	140	No	175	10	No	87	53	Yes	0.36
2/2/98	24,192	461	No	1,187	27	No	2,010	113	Yes	0.05
2/9/98	9,208	1176	Yes	41	27	Yes	945	216	Yes	0.00
2/17/98	4,611	1919	Yes	206	41	No	344	227	Yes	0.04
2/23/98	30,000	6843	Yes	865	108	No	2,010	311	Yes	0.03
3/2/98	1,211	8211	Yes	20	84	No	10	217	Yes	0.02
3/9/98	121	2846	Yes	1	84	No	1	142	Yes	0.01
3/16/98	120	1195	Yes	20	62	No	10	104	Yes	0.17
3/23/98	211	645	Yes	31	37	No	10	49	Yes	0.15
3/30/98	404	272	No	10	30	No	10	25	No	0.02
4/6/98	269	202	No	10	20	No	10	15	No	0.04
4/13/98	189	220	No	52	13	No	20	8	No	0.28
4/20/98	41	178	No	10	12	No	10	8	No	0.24
4/27/98	31	121	No	1	9	No	1	7	No	0.03
5/4/98	74	86	No	1	6	No	1	5	No	0.01
5/11/98	684	104	No	10	6	No	1	3	No	0.01
5/18/98	63	83	No	1	3	No	1	2	No	0.02
5/26/98	211	116	No	63	4	No	164	3	No	0.30
6/1/98	98	146	No	20	7	No	111	7	No	0.20
6/8/98	95	153	No	52	15	No	1	7	No	0.55
6/15/98	1,354	176	No	301	29	No	324	23	No	0.22
6/22/98	134	204	No	52	63	No	87	55	Yes	0.39
6/29/98	187	199	No	134	74	No	1	20	No	0.72
7/6/98	145	216	No	109	104	No	20	14	No	0.75
7/13/98	341	279	No	238	140	No	31	28	No	0.70
7/20/98	20	120	No	74	106	No	1	9	No	3.70
7/27/98	109	115	No	108	123	No	20	7	No	0.99
8/3/98	121	105	No	85	112	No	1	7	No	0.70
8/10/98	300	122	No	110	112	No	53	8	No	0.37

## Leadbetter 007

8/17/98	278	117	No	637	137	No	20	7	No	2.29
8/24/98	31	128	No	74	137	No	1	7	No	2.39
8/31/98	74	118	No	10	85	No	1	4	No	0.14
9/8/98	132	120	No	31	69	No	10	6	No	0.23
9/14/98	52	85	No	20	49	No	1	3	No	0.38
9/21/98	20	50	No	10	21	No	1	2	No	0.50
9/28/98	187	72	No	41	19	No	1	2	No	0.22
10/5/98	119	79	No	74	29	No	111	4	No	0.62
10/12/98	62	68	No	10	23	No	10	4	No	0.16
10/19/98	272	94	No	10	20	No	1	4	No	0.04
10/26/98	189	148	No	74	30	No	192	12	No	0.39
11/2/98	631	189	No	399	47	No	371	38	Yes	0.63
11/9/98	246	218	No	20	36	No	10	23	No	0.08
11/16/98	213	279	No	63	52	No	41	31	No	0.30
11/23/98	20	166	No	10	52	No	63	71	Yes	0.50
11/30/98	354	188	No	41	46	No	63	57	Yes	0.12
12/7/98	816	198	No	20	25	No	10	28	No	0.02
12/14/98	31	131	No	10	22	No	10	28	No	0.32
12/21/98	134	119	No	63	22	No	206	38	Yes	0.47
12/28/98	52	144	No	31	28	No	31	33	No	0.60
1/4/99	63	102	No	10	21	No	74	34	No	0.16
1/11/99	31	53	No	20	21	No	52	48	No	0.65
1/19/99	798	102	No	450	45	Yes	933	118	Yes	0.56
1/25/99	435	129	No	10	31	No	31	81	No	0.02
2/1/99	199	168	No	20	28	No	63	93	No	0.10
2/8/99	52	162	No	10	28	No	10	62	No	0.19
2/16/99	855	314	No	135	41	No	110	73	Yes	0.16
2/22/99	3	103	No	3	15	No	3	23	No	1.00
3/1/99	160	84	No	21	18	No	86	28	No	0.13
3/8/99	3	36	No	3	12	No	3	15	No	1.00
3/15/99	691	61	No	86	19	No	52	21	No	0.12
3/22/99	41	33	No	20	13	No	3	10	No	0.49
3/29/99	120	70	No	3	13	No	3	10	No	0.03
4/5/99	30	50	No	20	13	No	10	7	No	0.67
4/12/99	1,178	164	No	31	20	No	52	12	No	0.03
4/19/99	31	88	No	10	13	No	3	7	No	0.32
4/26/99	173	118	No	173	20	No	3	7	No	1.00

## Leadbetter 007

5/3/99	52	100	No	31	32	No	10	9	No	0.60
5/10/99	120	132	No	3	22	No	10	9	No	0.03
5/17/99	73	75	No	31	22	No	20	7	No	0.42
5/24/99	84	92	No	3	17	No	3	7	No	0.04
6/1/99	63	75	No	10	10	No	20	10	No	0.16
6/7/99	31	68	No	3	6	No	3	8	No	0.10
6/14/99	108	66	No	63	11	No	85	13	No	0.58
6/22/99	84	68	No	10	9	No	10	11	No	0.12
6/28/99	41	59	No	10	11	No	10	14	No	0.24
7/6/99	3	32	No	3	9	No	30	15	No	1.00
7/12/99	84	39	No	30	14	No	85	29	No	0.36
7/19/99	30	30	No	10	10	No	31	24	No	0.33
7/26/99	168	35	No	41	13	No	10	24	No	0.24
8/2/99	20	30	No	20	15	No	10	24	No	1.00
8/9/99	97	61	No	31	24	No	41	26	No	0.32
8/16/99	41	53	No	20	22	No	10	17	No	0.49
8/23/99	86	65	No	63	32	No	10	13	No	0.73
8/30/99	10	37	No	3	19	No	10	13	No	0.30
9/7/99	148	55	No	86	25	No	108	21	Yes	0.58
9/9/99	121	58	No	20	23	No	3	13	No	0.17
9/13/99	10	43	No	3	16	No	10	12	No	0.30
9/20/99	10	34	No	10	15	No	10	12	No	1.00
9/27/99	238	40	No	143	17	No	63	17	No	0.60
10/4/99	20	45	No	3	17	No	3	14	No	0.15
10/11/99	20	32	No	10	12	No	10	9	No	0.50
10/18/99	10	21	No	10	10	No	3	9	No	1.00
10/25/99	63	29	No	20	14	No	10	9	No	0.32
11/1/99	10	29	No	3	12	No	3	7	No	0.30
11/8/99	3,488	45	No	627	15	Yes	504	11	Yes	0.18
11/15/99	86	58	No	3	15	No	10	13	No	0.03
11/22/99	1,515	119	No	243	25	No	504	25	Yes	0.16
11/29/99	52	157	No	3	21	No	3	25	No	0.06
12/6/99	314	205	No	61	25	No	134	38	Yes	0.19
Re-12/8/99	109	305	No	20	34	No	3	38	No	0.18
12/13/99	41	146	No	3	14	No	82	28	No	0.07
12/20/99	122	154	No	74	24	No	30	34	No	0.61
12/27/99	20	75	No	3	12	No	3	14	No	0.15

## Leadbetter 007

	1/3/00	41	72	No		3	12	No		3	14	No		0.07
	1/10/00	10	41	No		3	7	No		3	8	No		0.30
	1/18/00	240	46	No		41	8	No		74	13	No		0.17
	1/24/00	175	59	No		10	10	No		31	11	No		0.06
	1/31/00	175	63	No		20	8	No		3	8	No		0.11
	2/7/00	86	80	No		10	10	No		148	14	Yes		0.12
	2/14/00	3,873	170	No		201	19	No		171	28	Yes		0.05
	2/22/00	1,782	404	No		30	28	No		253	59	Yes		0.02
	2/28/00	1,017	514	No		73	31	No		52	56	No		0.07
	3/6/00	3448	845	No		233	52	No		457	88	Yes		0.07
	re-03/08/2000	1100	1148	No		41	59	No		97	157	No		0.04
	3/13/00	189	887	No		10	46	No		10	106	no		0.05
	3/20/00	41	798	No		3	39	No		474	125	Yes		0.07
	RE-3/22/00	538	602	No		3	21	No		10	83	Yes		0.01
	3/27/00	20	261	No		3	12	No		3	43	No		0.15
	4/3/00	3	48	No		3	4	No		959	42	Yes		1.00
	04/05/2000re	20	31	No		3	3	No		3	33	No		0.15
	4/10/00	20	26	No		10	4	No		3	12	No		0.50
	4/17/00	2,723	37	No		131	8	No		135	20	Yes		0.05
	re-04/19/2000	689	74	No		20	12	No		62	37	No		0.03
	4/24/00	122	156	No		10	15	No		3	12	No		0.08
	5/8/00	145	231	No		30	24	No		120	25	Yes		0.21
	05/10/2000-re	20	231	No		3	19	No		3	25	No		0.15
	5/15/00	109	122	No		74	17	No		3	11	No		0.68
	5/22/00	63	75	No		10	15	No		3	6	No		0.16
	5/30/00	137	77	No		31	18	No		20	9	No		0.23
	6/5/00	146	77	No		20	17	No		10	6	No		0.14
	6/12/00	10	67	No		3	17	No		145	12	Yes		0.30
	re-06/14/2000	160	73	No		31	14	No		10	15	No		0.19
	6/19/00	158	87	No		52	20	No		10	20	No		0.33
	6/26/00	41	69	No		3	12	No		3	13	No		0.07
	7/5/00	74	60	No		10	11	No		41	18	No		0.14
	7/10/00	171	106	No		73	20	No		3	8	No		0.43
	7/17/00	20	70	No		3	13	No		10	8	No		0.15
	7/24/00	187	72	No		135	15	No		10	8	No		0.72
	7/31/00	384	113	No		278	38	No		41	14	No		0.72
	8/7/00	20	87	No		3	30	No		3	8	No		0.15



## Leadbetter 007

8/14/00	119	81	No	20	23	No	3	8	No	0.17
8/21/00	20	81	No	3	23	No	3	6	No	0.15
8/28/00	134	75	No	10	14	No	41	9	No	0.07
9/5/00	3	29	No	3	6	No	3	5	No	1.00
9/11/00	3	20	No	3	6	No	3	5	No	1.00
9/18/00	20	14	No	3	4	No	3	5	No	0.15
9/25/00	199	22	No	85	7	No	31	8	No	0.43
10/2/00	41	17	No	20	9	No	31	8	No	0.49
10/9/00	20	18	No	3	7	No	10	8	No	0.15
10/16/00	97	31	No	31	11	No	31	12	No	0.32
10/23/00	52	50	No	3	11	No	3	12	No	0.06
10/30/00	1,106	98	No	75	18	No	63	20	No	0.07
11/6/00	121	91	No	20	14	No	3	13	No	0.17
11/13/00	152	113	No	41	16	No	31	13	No	0.27
11/20/00	3	82	No	3	16	No	10	13	No	1.00
11/27/00	145	88	No	31	16	No	52	14	No	0.21
12/4/00	3	55	No	3	16	No	3	14	No	1.00
12/11/00	109	37	No	52	15	No	3	9	No	0.48
12/18/00	10	24	No	10	13	No	10	11	No	1.00
12/26/00	20	17	No	3	9	No	20	10	No	0.15
1/2/01	3	17	No	3	9	No	3	8	No	1.00
1/8/01	2,310	28	No	259	12	No	399	11	Yes	0.11
1/16/01	275	59	No	3	12	No	3	11	No	0.01
1/22/01	135	61	No	3	8	No	20	16	No	0.02
1/29/01	369	111	No	52	10	No	20	18	No	0.14
2/5/01	135	153	No	20	14	No	20	18	No	0.15
2/12/01	785	387	No	30	20	No	83	30	No	0.04
2/20/01	3,654	418	No	546	23	Yes	213	27	Yes	0.15
2/22/01	187	392	No	31	34	No	20	38	No	0.17
2/26/01	1,017	548	No	108	62	No	62	45	No	0.11
2/28/01	226	505	No	41	60	No	146	63	Yes	0.18
3/6/01	6,867	973	No	171	85	No	405	104	Yes	0.02
3/8/01	1,296	1057	No	10	71	No	75	103	No	0.01
3/12/01	504	760	No	3	30	No	10	62	No	0.01
3/19/01	201	769	No	3	20	No	20	62	No	0.01
3/26/01	97	520	No	10	14	No	3	37	No	0.10
4/2/01	119	467	No	10	11	No	10	24	No	0.08

Leadbetter 007

	4/9/01	262	271	No		3	5	No		20	20	No		0.01
	4/16/01	30	145	No		3	4	No		3	8	No		0.10
	4/23/01	63	102	No		10	5	No		10	8	No		0.16

**ARROYO BURRO**

Fac ID # 012528

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Arroyo	8/15/96	20,050			6,240						0.31	
Burro	8/19/96	20,050			990						0.05	
Beach	9/2/97	20,050			2,710						0.14	
	8/22/96	20,050			2,710						0.14	
	8/26/96	310	8,709	Yes	100	1353					0.32	
	9/4/96	10	1,903	Yes	10	374		1			1.00	
	9/6/96	20,050	1,903	Yes	20,050	682		453			1.00	
	9/10/96	4,290	1,398	Yes	10	222		1			0.00	
	9/19/96	9,450	1,203	Yes	1,240	190		87			0.13	
	9/25/96	8,310	2,322	Yes	750	285		10	13		0.09	
	10/31/96	20,050	10,625	Yes	6,590	1042		2,005	60		0.33	
	11/4/96	10	2,322	Yes	10	228		20	32		1.00	
			1,992								#DIV/0!	
	12/29/96	359	879	No	278	342		10	45		0.77	
	1/6/97	640	463	No	310	275		111	82		0.48	
	1/13/97	420	176	No	10	54		64	35		0.02	
	1/21/97	11,840	1,034	No	870	165		945	91		0.07	
	1/24/97	750	970	No	10	94		42	78		0.01	
	1/27/97	1,920	1,356	Yes	10	49		75	116		0.01	
	2/3/97	10	590	Yes	10	24		10	72		1.00	
	2/10/97	100	443	Yes	100	39		10	50		1.00	
	2/18/97	100	170	No	10	16		164	35		0.10	
	2/25/97	10	72	No	10	16		10	26		1.00	
	3/3/97	990	63	Yes	100	81		10	47		0.10	
	3/10/97	1,640	175	Yes	420	76		75	47		0.26	
	3/17/97	100	175	Yes	10	57		1	40		0.10	

Arroyo Burro 026

3/24/97	10	110	No	10	37	NA	30	1.00
3/31/97	640	253	No	420	71	20	11	0.66
4/7/97	10	101	No	10	45	42	16	1.00
4/14/97	12,980	153	No	10	21	1	5	0.00
4/21/97	10	96	No	10	21	1	5	1.00
4/28/97	10	96	No	10	21	1	4	1.00
5/5/97	10	42	No	10	10	20	4	1.00
5/13/97	1,920	120	Yes	200	18	991	7	0.10
5/19/97	2,540	87	Yes	10	18	75	17	0.00
5/27/97	1,780	244	Yes	100	29	20	31	0.06
6/2/97	100	387	Yes	10	29	31	62	0.10
6/9/97	10	387	Yes	10	29	1	34	1.00
6/16/97	10	135	Yes	10	16	1	9	1.00
6/23/97	20,100	205	Yes	750	38	238	11	0.04
6/25/97	870	177	No	310	47	1	6	0.36
6/30/97	10	112	No	10	47	1	3	1.00
7/7/97	10	112	No	10	47	31	6	1.00
7/14/97	200	204	No	10	47	10	9	0.05
7/21/97	10	44	No	10	20	64	7	1.00
7/28/97	10	18	No	10	10	1	7	1.00
8/4/97	10	18	No	10	10	1	7	1.00
8/11/97	530	40	No	10	10	10	6	0.02
8/18/97	10	22	No	10	10	10	6	1.00
8/25/97	10	22	No	10	10	10	4	1.00
9/2/97	100	35	No	100	16	1	4	1.00
9/8/97	10	35	No	10	16	1	4	1.00
9/15/97	10	16	No	10	16	1	3	1.00
9/22/97	10	16	No	10	16	20	3	1.00
9/29/97	10	16	No	10	16	1	2	1.00
10/6/97	200	18	No	10	10	31	4	0.05
10/13/97	20,100	83	No	100	16	1	4	0.00
10/16/97	10	83	No	10	16	53	8	1.00
10/20/97	10	83	No	10	16	31	9	1.00
10/27/97	10	83	No	10	16	1	9	No 1.00
11/3/97	10	46	No	10	16	87	11	No 1.00

Arroyo Burro 026

	11/10/97	200	18	No		200	18	No		53	24	No	1.00
	11/17/97	200	33	No		10	18	No		42	23	No	0.05
	11/24/97	10	33	No		10	18	No		164	32	No	1.00
	12/1/97	200	60	No		10	18	No		150	86	Yes	0.05
	12/8/97	983	151	No		52	25	No		111	91	Yes	0.05
	12/15/97	627	190	No		74	21	No		53	91	Yes	0.12
	12/22/97	1,106	267	No		173	37	No		207	125	Yes	0.16
	12/29/97	359	547	No		278	71	No		10	71	Yes	0.77
	1/5/98	148	515	No		1	45	No		1	26	No	0.01
	1/12/98	3,255	654	Yes		158	56	No		222	30	No	0.05
	1/20/98	886	701	Yes		52	52	No		42	29	No	0.06
	1/27/98	5,475	965	Yes		2,481	89	No		1,445	42	Yes	0.45
	2/2/98	25,000	2,256	Yes		1,354	123	No		2,010	122	Yes	0.05
	2/9/98	17,329	5,848	Yes		97	306	Yes		124	320	Yes	0.01
	2/17/98	7,701	6,947	Yes		73	262	Yes		782	412	Yes	0.01
	2/23/98	30,000	14,052	Yes		624	431	Yes		2,010	892	Yes	0.02
	3/2/98	1,616	11,009	Yes		121	235	Yes		20	379	Yes	0.07
	3/9/98	3,873	7,582	Yes		1	56	No		271	254	Yes	0.00
	3/16/98	1,160	4,415	Yes		52	49	No		53	214	Yes	0.04
	3/23/98	1,145	3,016	Yes		132	55	No		99	142	Yes	0.12
	3/30/98	14,136	2,594	Yes		397	51	No		111	79	Yes	0.03
	4/6/98	620	2,142	Yes		20	35	No		75	103	Yes	0.03
	4/13/98	9,208	2,547	Yes		233	105	No		306	106	Yes	0.03
	4/20/98	496	2,149	Yes		31	95	No		42	101	Yes	0.06
	4/27/98	98	1,314	Yes		20	65	No		1	40	Yes	0.20
	5/4/98	11,199	1,255	Yes		884	76	No		3,000	78	Yes	0.08
	5/11/98	5,172	1,918	Yes		158	115	No		324	105	Yes	0.03
	5/18/98	1,793	1,382	Yes		74	91	No		271	102	Yes	0.04
	5/26/98	4,106	2,110	Yes		285	143	No		478	166	Yes	0.07
	6/1/98	302	2,642	Yes		96	195	No		111	426	Yes	0.32
	6/8/98	97	1,022	Yes		97	125	No		31	171	Yes	1.00
	6/15/98	19,863	1,338	Yes		10	72	No		87	131	Yes	0.00
	6/22/98	9,208	1,856	Yes		391	101	No		504	148	Yes	0.04
	6/29/98	2,254	1,646	Yes		146	88	No		178	122	Yes	0.06
	7/6/98	199	1,514	Yes		110	91	No		10	75	Yes	0.55

Arroyo Burro 026

	7/13/98	7,270	3,590	Yes		402	120	No		222	112	Yes		0.06	
	7/20/98	98	1,241	Yes		52	167	No		1	46	Yes		0.53	
	7/27/98	19,863	1,447	Yes		223	150	No		64	30	No		0.01	
	7/29/98	1,095	1,253	Yes		226	163	No		42	23	No		0.21	
	8/3/98	7,270	2,572	Yes		52	141	No		10	23	No		0.01	
	8/10/98	7,701	2,602	Yes		30	84	No		1	8	No		0.00	
	8/17/98	4,884	5,687	Yes		97	95	No		42	16	No		0.02	
	8/24/98	30,000	6,176	Yes		589	115	No		99	18	No		0.02	
	8/31/98	24,192	11,469	Yes		552	138	No		364	27	No		0.02	
	9/8/98	110	4,960	Yes		31	124	No		10	27	No		0.28	
	9/14/98	31	1,646	Yes		10	100	No		10	43	Yes		0.32	
	9/21/98	512	1,048	Yes		20	73	No		20	37	Yes		0.04	
	9/28/98	862	516	No		20	37	No		31	30	No		0.02	
	10/5/98	52	151	No		10	17	No		20	17	No		0.19	
	10/12/98	2,481	281	No		213	24	No		137	28	No		0.09	
	10/19/98	496	490	No		20	28	No		1	18	No		0.04	
	10/26/98	10	223	No		10	24	No		31	19	No		1.00	
	11/2/98	402	191	No		223	39	No		754	36	Yes		0.55	
	11/9/98	30,000	683	Yes		857	96	No		328	64	Yes		0.03	
	11/10/98	52	315	No (Yes)		10	52	No		1	24	No		0.19	
	11/16/98	63	209	No		52	63	No		10	38	Yes		0.83	
	11/23/98	278	406	No		10	63	No		31	38	Yes		0.04	
	11/30/98	243	367	No		10	34	No		31	20	No		0.04	
	12/7/98	2,909	230	No		148	24	No		197	18	No		0.05	
	12/14/98	689	386	No		235	45	No		52	40	Yes		0.34	
	12/21/98	52	371	No		10	32	No		1	25	No		0.19	
	12/28/98	318	381	No		74	48	No		31	25	No		0.23	
	1/4/99	31	253	No		10	48	No		1	13	No		0.32	No
	1/11/99	332	164	No		10	28	No		41	9	No		0.03	No
	1/19/99	723	165	No		341	30	No		332	13	Yes		0.47	No
	1/25/99	30,000	589	Yes		3,441	97	Yes		19,863	97	Yes		0.11	Yes
	1/27/99	14,136	1,258	Yes		857	159	Yes		4,611	263	Yes		0.06	No
	2/1/99	638	2,304	Yes		84	243	No		209	764	Yes		0.13	No
	2/8/99	63	1,653	Yes		41	322	No		10	576	No		0.65	No
	2/11/99	1,333	1,868	Yes		148	273	No		41	379	No		0.11	Yes

Arroyo Burro 026

	2/16/99	158	654	Yes		134	142	No		110	134	Yes		0.85	No
	2/22/99	20	176	No		3	46	No		3	31	No		0.15	No
	3/1/99	41	102	No		31	38	No		41	22	No		0.76	No
	3/8/99	238	133	No		238	54	No		3	18	No		1.00	No
	3/15/99	30,000	247	Yes		4,611	106	Yes		5,794	47	Yes		0.15	Yes
	3/17/99	74	212	No		3	50	No		3	23	No		0.04	No
	3/22/99	1,658	514	Yes		63	92	No		63	42	No		0.04	No
	3/29/99	41	514	No		3	57	No		3	25	No		0.07	No
	4/5/99	134	458	No		10	30	No		3	25	No		0.07	No
	4/12/99	30,000	458	Yes		4,106	30	Yes		12,033	29	Yes		0.14	Yes
	Re4/14/99	4,611	1,047	No		97	60	No		74	55	No		0.02	No
	4/19/99	1,860	1,072	No		30	51	No		10	38	No		0.02	No
	4/26/99	4,106	2,693	No		41	87	No		31	61	No		0.01	No
	5/3/99	3	1,259	No		3	68	No		3	61	No		1.00	No
	5/10/99	17,329	1,129	Yes		97	32	No		52	20	No		0.01	No
	5/12/99	3,448	1,065	No		20	23	No		41	18	No		0.01	No
	5/17/99	399	783	No		10	19	No		10	18	No		0.03	No
	5/24/99	1,379	629	No		41	19	No		345	29	Yes		0.03	No
	6/1/99	10	801	No		3	19	No		10	37	No		0.30	No
	6/7/99	249	343	No		3	9	No		3	21	No		0.01	No
	6/14/99	2,224	314	No		121	13	No		41	21	No		0.05	No
	6/22/99	17,329	667	Yes		30	17	No		110	34	Yes		0.00	No
	6/28/99	1,187	648	No		10	13	No		20	19	No		0.01	No
	7/6/99	63	936	No		3	13	No		3	15	No		0.05	No
	7/12/99	3	387	No		3	13	No		3	15	No		1.00	No
	7/19/99	573	295	No		41	10	No		10	11	No		0.07	No
	7/26/99	1,664	185	No		10	8	No		148	12	Yes		0.01	No
	8/2/99	226	132	No		30	10	No		3	8	No		0.13	No
	8/9/99	4,360	309	No		199	24	No		62	15	No		0.05	No
	8/16/99	417	829	No		3	24	No		3	15	No		0.01	No
	8/23/99	228	690	No		31	22	No		3	12	No		0.14	No
	8/30/99	571	557	No		52	31	No		20	8	No		0.09	No
	9/7/99	495	651	No		20	29	No		63	15	No		0.04	No
	9/13/99	1,187	502	No		3	12	No		3	8	No		0.00	No
	9/20/99	651	549	No		20	18	No		10	10	No		0.03	No

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	9/27/99	1,860	835	No		602	33	Yes		471	28	Yes		0.32	Yes
	re-09/29/1999	355	759	No		20	27	No		3	19	No		0.06	Yes
	10/4/99	960	790	No		10	23	No		10	17	No		0.01	No
	10/11/99	932	877	Yes		52	27	No		31	15	No		0.06	No
	10/18/99	565	775	No		3	27	No		20	21	No		0.01	No
	10/25/99	410	718	No		41	30	No		3	17	No		0.10	No
	11/1/99	97	458	No		3	11	No		10	11	No		0.03	No
	11/8/99	30,000	911	Yes		4,106	38	Yes		3,255	36	Yes		0.14	Yes
	11/15/99	2,359	1,097	No		256	52	No		488	62	Yes		0.11	Yes
	11/22/99	145	836	No		52	92	No		122	90	Yes		0.36	No
	11/29/99	20	457	No		3	55	No		3	90	No		0.15	No
	12/6/99	31	364	No		20	80	No		20	103	No		0.65	No
	12/13/99	309	146	No		3	19	No		41	43	No		0.01	No
	12/20/99	31	61	No		31	12	No		3	16	No		1.00	No
	12/27/99	41	48	No		10	9	No		31	12	No		0.24	No
	1/3/00	20	48	No		20	13	No		3	12	No		1.00	No
	1/10/00	63	55	No		3	9	No		10	10	No		0.05	No
	1/18/00	2,909	86	No		63	16	No		134	13	Yes		0.02	No
	1/24/00	10	68	No		3	10	No		121	27	Yes		0.30	No
	1/31/00	3,873	170	No		148	18	No		96	34	No		0.04	No
	2/7/00	3,255	471	No		2,098	45	Yes		52	60	No		0.64	Yes
	2/14/00	9,208	1,276	No		259	109	No		738	143	Yes		0.03	No
	2/22/00	5,172	1,431	No		441	160	Yes		341	172	Yes		0.09	No
	2/28/00	1,553	3,926	No		41	271	No		97	165	No		0.03	No
	3/6/00	3,654	3,880	No		231	296	No		359	215	Yes		0.06	No
	re-03/08/2000	1,112	3,130	No		20	117	No		84	236	No		0.02	No
	3/13/00	1,054	2,611	no		20	87	No		121	211	Yes		0.02	No
	re-03/15/2000	1,145	1,845	no		31	61	No		3	84	No		0.03	No
	3/20/00	189	1,332	No		10	47	No		3	52	No		0.05	No
	3/27/00	75	728	No		10	27	No		3	27	No		0.13	No
	4/3/00	52	448	No		3	19	No		3	16	No		0.06	No
	4/10/00	341	259	No		341	20	No		3	6	No		1.00	No
	4/17/00	30,000	376	Yes		19,863	73	Yes		30000	19	Yes		0.66	Yes
	re-04/19/2000	14,136	892	No		318	145	No		809	58	Yes		0.02	No
	4/24/00	262	1145	No		3	114	No		3	58	No		0.01	No



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	5/1/00	1,989	2374	No		262	279	No		96	116	No	0.13	Yes
	5/8/00	1,153	3029	No		3	108	No		3	116	No	0.00	No
	5/15/00	121	1005	No		10	24	No		10	23	No	0.08	No
	5/22/00	2,014	681	No		63	17	No		30	12	No	0.03	No
	5/30/00	12,033	1464	Yes		10,462	88	Yes		10	15	No	0.87	Yes
	6/5/00	30,000	2519	Yes		30,000	226	Yes		74	15	No	1.00	Yes
	re-06/07/2000	8,664	3771	No		228	538	No		3	15	No	0.03	No
	6/12/00	20	2631	No		3	423	No		10	15	No	0.15	No
	6/19/00	17,329	4046	Yes		199	532	No		31	15	No	0.01	No
	re-06/21/2000	5,172	3417	No		132	222	No		20	17	No	0.03	No
	6/26/00	1,989	3122	No		504	254	Yes		10	15	No	0.25	Yes
	re-06/28/2000	1,100	1800	No		52	88	Yes		10	11	No	0.05	No
	7/5/00	31	1435	No		10	93	No		3	11	No	0.32	No
	7/10/00	8,164	1234	No		1,483	139	Yes		30	11	No	0.18	Yes
	7/12/00	2,382	1057	No		282	161	No		10	10	No	0.12	Yes
	7/17/00	41	486	No		41	98	No		3	8	No	1.00	No
	7/24/00	17,329	844	Yes		1,674	196	Yes		51	11	No	0.10	No
	re-7/26/2000	20	773	No		10	196	No		3	11	No	0.50	No
	7/31/00	12,033	836	Yes		556	161	Yes		10	9	No	0.05	No
	re-8/2/2000	1,313	742	No		74	123	No		20	10	No	0.06	No
	8/7/00	2,282	1657	No		262	178	No		10	13	No	0.11	Yes
	re-8/9/2000	1,376	998	No		175	114	No		3	7	No	0.13	Yes
	8/14/00	591	1965	No		85	174	No		3	7	No	0.14	No
	8/21/00	1,259	1251	No		63	113	No		346	14	Yes	0.05	No
	re-8/23/2000	1,198	1229	No		20	87	No		3	10	No	0.02	No
	8/28/00	30,000	2057	Yes		4,106	150	Yes		63	14	No	0.14	Yes
	re-8/30/2000	235	1444	No		20	97	No		3	14	No	0.09	No
	9/5/00	298	1259	No		20	73	No		3	14	No	0.07	No
	9/11/00	24,192	2275	Yes		393	105	No		160	12	Yes	0.02	No
	re-9/13/00	231	1637	No		3	72	No		3	12	No	0.01	No
	9/18/00	3,255	1050	No		231	40	No		31	11	No	0.07	No
	9/25/00	31	700	No		3	28	No		3	11	No	0.10	No
	10/2/00	10	355	No		3	19	No		3	11	No	0.30	No
	10/9/00	910	415	No		63	23	No		85	15	No	0.07	No
	10/16/00	120	172	No		109	19	No		3	8	No	0.91	No

Arroyo Burro 026

10/23/00	3	83	No	3	19	No	3	8	No	1.00	No
10/30/00	1,274	71	No	41	14	No	52	8	No	0.03	No
11/6/00	30	71	No	20	19	No	3	8	No	0.67	No
11/13/00	41	89	No	3	19	No	41	13	No	0.07	No
11/20/00	3	35	No	3	12	No	3	7	No	1.00	No
11/27/00	120	35	No	51	10	No	3	7	No	0.43	No
12/4/00	146	66	No	20	14	No	3	7	No	0.14	No
12/11/00	107	44	No	74	15	No	10	6	No	0.69	No
12/18/00	3	30	No	3	11	No	3	6	No	1.00	No
12/26/00	30	28	No	10	14	No	3	4	No	0.33	No
1/2/01	3	28	No	3	14	No	3	4	No	1.00	No
1/8/01	30,000	71	Yes	3,448	28	Yes	12997	15	Yes	0.11	Yes
1/16/01	1,725	107	No	31	30	No	52	24	No	0.02	No
1/22/01	722	147	No	85	31	No	20	27	No	0.12	No
1/29/01	3,255	471	No	51	49	No	158	52	Yes	0.02	No
1/31/2001-re	583	773	No	10	49	No	122	96	Yes	0.02	No
2/5/01	183	1533	No	30	72	No	20	132	No	0.16	No
2/12/01	3,609	1077	No	173	44	No	842	83	Yes	0.05	No
2/20/01	1,607	1064	No	189	59	No	189	103	Yes	0.12	Yes
2/22/01	2,014	1263	No	85	59	No	75	129	No	0.04	No
2/26/01	785	996	No	63	61	No	134	125	Yes	0.08	No
2/28/01	41	640	No	3	50	No	31	100	No	0.07	No
3/6/01	12,033	1286	Yes	985	90	Yes	763	183	Yes	0.08	No
3/8/01	3,654	1289	No	20	63	No	63	119	No	0.01	No
3/12/01	10,462	1761	Yes	613	76	Yes	5794	210	Yes	0.06	No
3/14/01	833	1520	No	455	101	Yes	10	150	No	0.55	No
3/19/01	201	1211	No	10	74	No	3	80	No	0.05	No
3/26/01	605	1897	No	86	130	No	41	84	No	0.14	No
4/2/01	1,162	1285	No	31	73	No	41	51	No	0.03	No
4/9/01	2,014	1163	No	98	95	No	31	46	No	0.05	No
4/16/01	884	771	No	41	60	No	10	16	No	0.05	No
4/23/01	14,136	1235	Yes	211	53	No	74	22	No	0.01	No
4/25/2001re	5,172	2123	No	201	88	No	31	33	No	0.04	No

Hope Ranch 072

HOPE RANCH BEACH												
Fac ID# 012533												
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Hope Ranch Beach	1/6/97	1,110			10	10		20	20		0.01	
	1/13/97	2,220		Yes	10	10		288	76	Yes	0.00	
	1/21/97	870		Yes	530	38		288	118	Yes	0.61	
	1/27/97	2,710	1553	Yes	10	27		53	97	Yes	0.00	
	2/3/97	200	1030	Yes	10	22		1	39	Yes	0.05	
	2/10/97	12,400	1670	Yes	530	49		10	34		0.04	
	2/13/97	100	898	Yes	10	49		1	11		0.10	
	2/18/97	100	583	Yes	100	35		1	4		1.00	
	2/25/97	870	464	No	100	56		75	4		0.11	
	3/3/97	1780	719	Yes	10			75			0.01	
	3/10/97	100	274		10			75			0.10	
	3/17/97	10	173		10			1			1.00	
	3/24/97	310	217		10			NA			0.03	
	9/2/97	310	176		10			64			0.03	
	4/7/97	420	132	No	100	16		31	20		0.24	
	4/14/97	100	132	No	10	16		42	17		0.10	
	4/21/97	10	132	No	10	16		1	17		1.00	
	5/5/97	200	121	No	10	16		20	18		0.05	
	5/13/97	100	97	No	10	16		288	24		0.10	
	5/19/97	200	83	No	10	10		124	31		0.05	
	5/27/97	10	53	No	10	10		31	29		1.00	
	6/2/97	530	116	No	100	16		64	68		0.19	
	6/9/97	10	64	No	10	16		1	37		1.00	
	6/16/97	310	80	No	10	16		42	25		0.03	
	6/23/97	10	44	No	10	16		10	15		1.00	

Hope Ranch 072

6/30/97	10	44	No	10	16		20	14		1.00
7/7/97	100	31	No	10	10		31	12		0.10
7/14/97	530	70	No	100	16		111	31		0.19
7/21/97	10	35	No	100	25		1	15		10.00
7/28/97	10	35	No	10	25		10	15		1.00
8/4/97	10	35	No	10	25		10	13		1.00
8/11/97	10	22	No	10	25		10	10		1.00
8/18/97	100	16	No	10	16		53	9		0.10
8/25/97	10	16	No	10	10		1	9		1.00
9/2/97	10	16	No	10	10		1	6		1.00
9/8/97	10	16	No	10	10		1	4		1.00
9/15/97	10	16	No	10	10		1	2		1.00
9/22/97	10	10	No	10	10		20	2		1.00
9/29/97	10	10	No	10	10		1	2		1.00
10/6/97	200	18	No	10	10		10	3		0.05
10/13/97	10	18	No	10	10		31	6		1.00
10/20/97	100	29	No	10	10		344	18		0.10
10/27/97	100	46	No	100	16	No	42	21	No	1.00
11/3/97	10	46	No	10	16	No	20	39	Yes	1.00
11/10/97	100	40	No	10	16	No	10	39	Yes	0.10
11/17/97	10	40	No	10	16	No	1	20	No	1.00
11/24/97	530	56	No	100	25	No	53	13	No	0.19
12/1/97	1,100	90	No	100	25	No	150	17	No	0.09
12/8/97	1,120	231	Yes	10	25	No	75	23	No	0.01
12/15/97	443	311	Yes	10	25	No	31	28	No	0.02
12/22/97	121	511	Yes	10	25	No	1	28	No	0.08
12/29/97	41	307	Yes	1	10	No	42	27	No	0.02
1/5/98	288	234	No	30	8	No	53	22	No	0.10
1/12/98	565	204	No	1	5	No	10	15	No	0.00
1/20/98	842	233	No	41	7	No	178	21	No	0.05
1/27/98	2,247	417	No	233	12	No	591	75	Yes	0.10
2/2/98	25,000	1504	Yes	1,789	55	No	2,010	162	Yes	0.07
2/9/98	5,172	2680	Yes	30	55	Yes	288	227	Yes	0.01
2/17/98	24,192	5681	Yes	399	183	Yes	624	520	Yes	0.02
2/23/98	19,863	10690	Yes	689	322	Yes	2,010	844	Yes	0.03

Hope Ranch 072

3/2/98	8,164	13837	Yes	20	197	No	2,005	1078	Yes	0.00
3/9/98	288	5667	Yes	84	107	No	20	429	Yes	0.29
3/16/98	262	3121	Yes	31	107	No	1	138	Yes	0.12
3/23/98	216	1215	Yes	10	51	No	1	38	Yes	0.05
3/30/98	4,884	917	Yes	959	55	No	124	22	No	0.20
4/6/98	336	485	No	10	48	No	10	8	No	0.03
4/13/98	86	381	No	10	31	No	1	4	No	0.12
4/20/98	135	333	No	1	16	No	10	7	No	0.01
4/27/98	122	297	No	10	16	No	1	7	No	0.08
5/4/98	373	178	No	10	6	No	10	4	No	0.03
5/11/98	1,014	222	No	31	8	No	75	6	No	0.03
5/18/98	98	228	No	20	9	No	1	6	No	0.20
5/26/98	73	201	No	20	17	No	1	4	No	0.27
6/1/98	73	182	No	1	10	No	10	6	No	0.01
6/8/98	354	180	No	213	19	No	137	10	No	0.60
6/15/98	31	89	No	31	19	No	1	4	No	1.00
6/22/98	183	101	No	240	32	No	42	9	No	1.31
6/29/98	31	85	No	1	17	No	1	9	No	0.03
7/6/98	784	137	No	520	61	No	111	14	No	0.66
7/13/98	185	121	No	175	58	No	10	9	No	0.95
7/20/98	703	225	No	249	89	No	124	23	No	0.35
7/27/98	563	282	No	644	108	No	64	24	No	1.14
8/3/98	96	353	No	10	171	No	1	24	No	0.10
8/10/98	204	270	No	132	130	No	42	20	No	0.65
8/17/98	620	344	No	74	109	No	137	34	No	0.12
8/24/98	52	204	No	52	80	No	1	13	No	1.00
8/31/98	31	114	No	10	35	No	1	6	No	0.32
9/8/98	520	160	No	121	57	No	124	15	No	0.23
9/14/98	1,014	221	No	143	58	No	222	21	No	0.14
9/21/98	86	149	No	63	56	No	1	8	No	0.73
9/28/98	134	180	No	10	41	No	42	16	No	0.07
10/5/98	98	226	No	41	54	No	42	34	No	0.42
10/12/98	512	226	No	98	51	No	87	32	No	0.19
10/19/98	1,211	234	No	86	47	No	53	24	No	0.07
10/26/98	183	272	No	30	40	No	20	44	Yes	0.16

Hope Ranch 072

11/2/98	187	291	No	134	67	No	20	38	Yes	0.72	
11/9/98	228	344	No	30	63	No	30	35	Yes	0.13	
11/16/98	52	218	No	31	50	No	1	14	No	0.60	
11/23/98	85	128	No	10	33	No	20	12	No	0.12	
11/30/98	5,172	250	No	538	58	No	435	22	No	0.10	
12/7/98	379	288	No	20	40	No	63	28	No	0.05	
12/14/98	3,255	490	Yes	309	63	No	257	43	Yes	0.09	
12/21/98	122	581	Yes	31	63	No	20	78	Yes	0.25	
12/28/98	216	700	Yes	41	84	No	63	98	Yes	0.19	
1/4/99	364	412	No	20	44	No	10	46	No	0.05	No
1/11/99	441	424	No	441	81	No	41	42	No	1.00	No
1/19/99	650	308	No	187	73	No	132	37	Yes	0.29	No
1/25/99	1,376	499	No	175	103	No	435	68	Yes	0.13	Yes
2/1/99	472	584	No	10	78	No	85	72	No	0.02	No
2/8/99	41	377	No	10	68	No	10	72	No	0.24	No
2/16/99	246	336	No	63	46	No	10	55	No	0.26	No
2/22/99	10	146	No	3	20	No	20	37	No	0.30	No
3/1/99	96	86	No	41	15	No	20	20	No	0.43	No
3/8/99	135	67	No	20	17	No	20	15	No	0.15	No
3/15/99	30,000	249	Yes	19,863	79	Yes	30,000	75	Yes	0.66	Yes
3/17/99	88	203	No	10	55	No	97	118	No	0.11	No
3/22/99	350	413	No	31	87	No	52	143	No	0.09	No
3/29/99	98	414	No	3	52	No	3	98	No	0.03	No
4/5/99	31	309	No	10	45	No	3	67	No	0.32	No
4/12/99	30,000	309	Yes	602	22	Yes	2,035	39	Yes	0.02	No
Re4/14/99	1,054	507	No	20	26	No	31	31	No	0.02	No
4/19/99	122	411	No	3	16	No	10	22	No	0.02	No
4/26/99	10	260	No	3	16	No	3	22	No	0.30	No
5/3/99	96	326	No	10	16	No	3,654	93	Yes	0.10	No
5/10/99	4,884	227	No	52	10	No	10	32	No	0.01	No
5/17/99	86	138	No	20	10	No	3	20	No	0.23	No
5/24/99	235	157	No	20	14	No	20	23	No	0.09	No
6/1/99	3	123	No	3	14	No	3	23	No	1.00	No
6/7/99	31	98	No	10	14	No	3	6	No	0.32	No
6/14/99	209	52	No	41	14	No	20	6	No	0.20	No

Hope Ranch 072

	6/22/99	771	81	No		132	20	No		98	13	No		0.17	No
	6/28/99	41	57	No		10	17	No		3	9	No		0.24	No
	7/6/99	3	57	No		3	17	No		3	9	No		1.00	No
	7/12/99	86	70	No		3	14	No		120	18	Yes		0.03	No
	7/19/99	2,282	113	No		657	24	Yes		384	33	Yes		0.29	Yes
	7/26/99	97	75	No		31	18	No		3	17	No		0.32	No
	8/2/99	379	117	No		74	27	No		74	31	No		0.20	No
	8/9/99	122	245	No		10	34	No		20	46	No		0.08	No
	8/16/99	52	221	No		10	43	No		20	32	No		0.19	No
	8/23/99	52	104	No		3	15	No		20	18	No		0.06	No
	8/30/99	98	104	No		31	15	No		41	30	No		0.32	No
	9/7/99	41	67	No		10	10	No		20	23	No		0.24	No
	9/13/99	120	67	No		51	14	No		30	25	No		0.43	No
	9/20/99	3	38	No		3	11	No		3	17	No		1.00	No
	9/27/99	437	58	No		311	27	No		292	29	Yes		0.71	No
	re-09/29/1999	173	64	No		41	29	No		3	17	No		0.24	No
	10/4/99	63	64	No		10	24	No		10	16	No		0.16	No
	10/11/99	20	57	No		10	24	No		203	23	Yes		0.50	No
	10/18/99	4,190	103	No		97	27	No		30	23	No		0.02	No
	10/25/99	86	180	No		31	40	No		30	34	No		0.36	No
	11/1/99	110	138	No		3	16	No		3	22	No		0.03	No
55	11/8/99	2,310	283	No		404	33	Yes		107	36	Yes		0.17	Yes
	11/15/99	213	455	No		63	47	No		3	15	No		0.30	No
	11/22/99	96	214	No		41	40	No		31	16	No		0.43	No
	11/29/99	63	201	No		3	25	No		3	10	No		0.05	No
	12/6/99	203	227	No		122	52	No		20	14	No		0.60	No
	12/13/99	41	101	No		3	20	No		3	7	No		0.07	No
	12/20/99	135	93	No		20	16	No		10	9	No		0.15	No
	12/27/99	41	78	No		10	12	No		3	6	No		0.24	No
	1/3/00	41	72	No		10	15	No		3	6	No		0.24	No
	1/10/00	63	57	No		41	12	No		3	4	No		0.65	No
	1/18/00	2,064	124	No		1,616	42	Yes		717	11	Yes		0.78	No
	1/24/00	1,450	200	No		609	83	Yes		74	17	No		0.42	Yes
	1/31/00	272	291	No		20	96	No		74	32	No		0.07	No
	2/7/00	158	382	No		41	127	No		1,585	113	Yes		0.26	No

Hope Ranch 072

	2/14/00	9,208	1034	No		119	157	No		391	300	Yes	0.01	No
	2/22/00	9,208	1395	No		201	104	No		435	272	Yes	0.02	No
	2/28/00	2,723	1582	No		110	74	No		160	317	Yes	0.04	No
	RE-3/1/00	74	1220	No		10	64	No		3	167	No	0.14	No
	3/6/00	17329	3121	Yes		1313	128	Yes		3448	195	Yes	0.08	No
	re-03/08/2000	17329	3542	Yes		428	166	Yes		985	235	Yes	0.02	No
	3/13/00	233	2250	no		20	116	no		31	167	no	0.09	No
	3/20/00	857	1515	No		120	107	No		218	149	Yes	0.14	No
	RE-03/22/2000	2755	1518	No		106	106	No		109	140	Yes	0.04	No
	3/27/00	20	1220	No		3	87	No		3	140	No	0.15	No
	4/3/00	3	127	No		3	19	No		10	29	No	1.00	No
	4/10/00	31	85	No		3	13	No		3	18	No	0.10	No
	4/17/00	30,000	173	Yes		350	16	No		465	21	Yes	0.01	No
	re-04/19/2000	12,033	232	No		109	16	No		211	25	No	0.01	No
	4/24/00	86	311	No		3	16	No		143	53	Yes	0.03	No
	5/8/00	86	608	No		10	20	No		364	109	Yes	0.12	No
	05/10/2000-re	161	845	No		3	20	No		52	193	No	0.02	No
	5/15/00	31	214	No		3	8	No		20	103	No	0.10	No
	5/22/00	134	87	No		10	5	No		10	56	No	0.07	No
	5/30/00	52	79	No		31	8	No		3	26	No	0.60	No
	6/5/00	223	95	No		20	9	No		41	17	No	0.09	No
	6/12/00	148	93	No		31	14	No		31	15	No	0.21	No
	6/19/00	389	155	No		20	21	No		275	25	Yes	0.05	No
	re- 06/21/2000	1,046	234	No		110	34	No		446	54	Yes	0.11	Yes
	6/26/00	98	202	No		3	22	No		20	46	No	0.03	No
	7/5/00	727	336	No		317	37	No		41	79	No	0.44	No
	7/10/00	187	352	No		31	37	No		10	63	No	0.17	No
	7/17/00	84	259	No		3	25	No		3	26	No	0.04	No
	7/24/00	520	225	No		74	23	No		31	15	No	0.14	No
	7/31/00	833	346	No		148	50	No		169	23	No	0.18	No
	8/7/00	109	237	No		20	29	No		10	17	No	0.18	No
	8/14/00	63	190	No		3	18	No		10	17	No	0.05	No
	8/21/00	110	201	No		10	23	No		10	22	No	0.09	No
	8/28/00	10	91	No		10	15	No		10	18	No	1.00	No
	9/5/00	199	68	No		62	13	No		3	8	No	0.31	No



Hope Ranch 072

	9/11/00	3	33	No		3	9	No		3	6	No		1.00	No
	9/18/00	74	34	No		41	15	No		51	9	No		0.55	No
	9/25/00	223	40	No		3	12	No		10	9	No		0.01	No
	10/2/00	231	74	No		52	16	No		63	12	No		0.23	No
	10/9/00	201	88	No		20	17	No		41	15	No		0.10	No
	10/16/00	52	70	No		20	14	No		3	15	No		0.38	No
	10/23/00	20	96	No		3	14	No		3	15	No		0.15	No
	10/30/00	6,131	201	No		86	16	No		189	19	Yes		0.01	No
	11/1/00	1,203	266	No		41	25	No		20	21	No		0.03	No
	11/6/00	364	287	No		30	22	No		31	19	No		0.08	No
	11/13/00	110	260	No		3	16	No		10	15	No		0.03	No
	11/20/00	171	317	No		73	20	No		63	25	No		0.43	No
	11/27/00	75	395	No		31	30	No		41	38	No		0.41	No
	12/4/00	31	164	No		10	21	No		10	23	No		0.32	No
	12/11/00	120	111	No		41	21	No		173	33	Yes		0.34	No
	12/13/2000re	74	85	No		3	14	No		3	23	No		0.04	No
	12/18/00	31	69	No		10	17	No		10	23	No		0.32	No
	12/26/00	51	57	No		10	12	No		3	14	No		0.20	No
	1/2/01	10	40	No		3	8	No		3	9	No		0.30	No
	1/8/01	960	72	Yes		134	13	No		199	15	Yes		0.14	No
	1/16/01	1,860	113	No		62	14	No		63	12	No		0.03	No
	1/22/01	1,017	175	No		3	14	No		63	20	No		0.00	No
	1/29/01	350	262	No		3	11	No		3	17	No		0.01	No
	2/5/01	72	278	No		3	9	No		3	17	No		0.04	No
	2/12/01	4,884	779	No		156	18	No		546	40	Yes		0.03	No
	2/20/01	5,172	1031	No		41	15	No		253	41	Yes		0.01	No
	2/22/01	1,616	1008	No		85	16	No		41	38	No		0.05	No
	2/26/01	97	681	No		10	19	No		3	23	No		0.10	No
	3/8/01	3,968	1021	No		96	34	No		160	45	Yes		0.02	No
	3/12/01	323	1311	No		3	34	No		30	66	No		0.01	No
	3/19/01	63	635	No		10	22	No		3	28	No		0.16	No
	3/28/01	109	334	No		3	14	No		3	13	No		0.03	No
	4/2/01	213	313	No		3	11	No		20	14	No		0.01	No
	4/9/01	1,515	376	No		52	11	No		84	20	No		0.03	No
	4/16/01	98	203	No		3	6	No		3	11	No		0.03	No

GOLETA BEACH												
Fac ID # 012534												
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Goleta	12/2/96	700			13			1			0.02	
Beach	12/9/96	50			10			10			0.20	
200 yds	12/16/96	17			10			1			0.59	
East	1/27/97	50			23			80			0.46	
of	2/3/97	80	75	No	20	14		10	6		0.25	
Pier	9/2/97	30	40	No	10	14		80	14		0.33	
	2/18/97	10	29	No	10	14		10	14		1.00	
	2/25/97	50	36	No	30	17		30	29		0.60	
	3/3/97	10	26	No	10	14		10	19		1.00	
	3/10/97	170	30	No	170	22		50	26		1.00	
	3/17/97	10	24	No	10	22		1	11		1.00	
	3/24/97	10	24	No	10	22		1	7		1.00	
	4/7/97	10	18	No	10	18		1	3		1.00	
	4/14/97	10	18	No	10	18		10	3		1.00	
	4/21/97	30	12	No	30	12		10	3		1.00	
	4/28/97	20	14	No	10	12		10	4		0.50	
	5/5/97	10	14	No	10	12		20	7		1.00	
	5/13/97	750	34	No	200	23		659	27		0.27	
	5/19/97	420	72	No	100	36		1	17		0.24	
	5/27/97	310	114	No	310	57		1	11		1.00	
	6/2/97	10	100	No	10	57		10	11		1.00	
	6/9/97	10	100	No	10	57		1	6		1.00	
	6/16/97	100	67	No	100	50		1	2		1.00	
	6/23/97	10	31	No	10	31		20	3		1.00	
	6/30/97	10	16	No	10	16		1	3		1.00	
	7/7/97	750	38	No	100	25		10	3		0.13	
	7/14/97	2,070	109	No	1,640	70		222	9		0.79	

## Goleta 037

7/21/97	10	69	No	10	44		20	15		1.00
7/28/97	10	69	No	10	44		1	9		1.00
8/4/97	310	137	No	10	44		31	17		0.03
8/11/97	10	58	No	10	28		10	17		1.00
8/18/97	100	31	No	100	16		20	10		1.00
8/25/97	10	31	No	10	16		1	6		1.00
9/2/97	10	31	No	10	16		1	6		1.00
9/8/97	10	16	No	10	16		10	5		1.00
9/15/97	200	29	No	100	25		53	6		0.50
9/22/97	2,380	54	No	200	29		53	8		0.08
9/29/97	100	86	No	100	46		42	16		1.00
10/6/97	10	86	No	10	46		1	16		1.00
10/13/97	10	86	No	10	46		1	10		1.00
10/20/97	10	47	No	10	29		10	7		1.00
10/27/97	10	16	No	10	16	No	20	6	No	1.00
11/3/97	10	10	No	10	10	No	20	5	No	1.00
11/10/97	10	10	No	10	10	No	1	5	No	1.00
11/17/97	10	10	No	10	10	No	10	8	No	1.00
11/24/97	100	16	No	10	10	No	1	5	No	0.10
12/1/97	310	31	No	10	10	No	1	3	No	0.03
12/8/97	1,017	79	No	1	6	No	659	6	No	0.00
12/15/97	41	105	No	20	7	No	1	6	No	0.49
12/22/97	63	152	No	10	7	No	1	4	No	0.16
12/29/97	122	158	No	63	10	No	20	7	No	0.52
1/5/98	74	119	No	1	7	No	1	7	No	0.01
1/12/98	689	110	No	20	12	No	20	3	No	0.03
1/20/98	637	190	No	31	13	No	31	7	No	0.05
1/27/98	199	240	No	10	13	No	42	14	No	0.05
2/2/98	10,462	583	No	766	22	No	2,005	35	Yes	0.07
2/9/98	1,354	1043	Yes	10	34	Yes	75	83	Yes	0.01
2/17/98	1,201	1166	Yes	52	42	No	64	105	Yes	0.04
2/23/98	1,725	1423	Yes	362	68	No	150	143	Yes	0.21
3/2/98	20	899	Yes	1	43	No	111	174	Yes	0.05
3/9/98	10	224	Yes	1	11	No	1	38	Yes	0.10
3/16/98	1	53	Yes	1	7	No	1	16	No	1.00
3/23/98	20	23	No	1	3	No	1	7	No	0.05
3/30/98	31	10	No	1	1	No	1	3	No	0.03

## Goleta 037

4/6/98	20	10	No	10	2	No	1	1	No	0.50
4/13/98	110	17	No	20	3	No	10	2	No	0.18
4/20/98	63	39	No	1	3	No	1	2	No	0.02
4/27/98	185	60	No	1	3	No	1	2	No	0.01
5/4/98	594	109	No	10	5	No	1	2	No	0.02
5/11/98	63	137	No	10	5	No	1	2	No	0.16
5/18/98	87	131	No	41	5	No	1	1	No	0.47
5/26/98	171	159	No	20	10	No	10	2	No	0.12
6/1/98	173	157	No	1	10	No	1	2	No	0.01
6/8/98	161	121	No	145	16	No	10	3	No	0.90
6/15/98	109	135	No	52	23	No	1	3	No	0.48
6/22/98	960	219	No	63	25	No	1	3	No	0.07
6/29/98	187	222	No	31	27	No	99	4	No	0.17
7/6/98	98	199	No	52	60	No	10	6	No	0.53
7/13/98	309	226	No	256	67	No	150	11	No	0.83
7/20/98	74	209	No	10	48	No	1	11	No	0.14
7/27/98	275	163	No	262	64	No	1	11	No	0.95
8/3/98	1,354	242	No	272	99	No	10	7	No	0.20
8/10/98	100	243	No	40	94	No	1	4	No	0.40
8/17/98	110	198	No	74	73	No	137	4	No	0.67
8/24/98	314	264	No	314	146	No	20	8	No	1.00
8/31/98	233	256	No	135	128	No	1	8	No	0.58
9/8/98	1,726	268	No	1,565	181	No	99	12	No	0.91
9/14/98	173	299	No	63	199	No	1	12	No	0.36
9/21/98	435	394	No	211	245	Yes	1	5	No	0.49
9/28/98	278	385	No	206	225	Yes	10	4	No	0.74
10/5/98	413	431	No	143	228	Yes	10	6	No	0.35
10/12/98	132	258	No	74	124	No	1	3	No	0.56
10/19/98	1,439	394	No	512	188	No	1	3	No	0.36
10/26/98	not sample	384								#VALUE!
11/2/98	350	407	No	233	188	No	85	5	No	0.67
11/9/98	63	254	No	41	138	No	41	8	No	0.65
11/16/98	52	202	No	20	99	No	20	16	No	0.38
11/23/98	63	92	No	20	44	No	1	16	No	0.32
11/30/98	1,650	164	No	211	60	No	73	22	No	0.13
12/7/98	63	116	No	10	32	No	1	9	No	0.16
12/14/98	62	116	No	10	24	No	1	4	No	0.16

## Goleta 037

	12/21/98	31	105	No		31	27	No		1	2	No		1.00	
	12/28/98	384	150	No		160	40	No		98	6	No		0.42	
	1/4/99	10	54	No		10	22	No		1	3	No		1.00	No
	1/11/99	259	72	No		97	34	No		30	5	No		0.37	No
	1/19/99	130	83	No		72	51	No		41	10	No		0.55	No
	1/25/99	6,131	240	No		259	78	No		199	30	Yes		0.04	No
	2/1/99	122	191	No		31	56	No		1	12	No		0.25	No
	2/8/99	959	475	No		97	89	No		52	26	No		0.10	No
	2/16/99	41	328	No		20	65	No		3	17	No		0.49	No
	2/22/99	41	261	No		3	34	No		3	10	No		0.07	No
	3/1/99	74	108	No		41	24	No		20	6	No		0.55	No
	3/8/99	548	146	No		262	36	No		20	11	No		0.48	No
	3/15/99	30,000	290	Yes		1,396	62	Yes		4,611	28	Yes		0.05	No
	3/17/99	298	431	No		41	71	No		10	35	No		0.14	No
	3/22/99	51	450	No		20	104	No		3	35	No		0.39	No
	3/29/99	41	400	No		10	79	No		3	24	No		0.24	No
	4/5/99	10	180	No		3	32	No		3	17	No		0.30	No
	4/12/99	30,000	180	Yes		683	28	Yes		1,483	13	Yes		0.02	No
	Re4/14/99	546	203	No		62	30	No		3	10	No		0.11	No
	4/19/99	243	277	No		52	37	No		41	18	No		0.21	No
	4/26/99	52	291	No		31	46	No		3	18	No		0.60	No
	5/3/99	738	687	No		3	46	No		10	22	No		0.00	No
	5/10/99	537	307	No		10	20	No		10	8	No		0.02	No
	5/17/99	96	217	No		30	17	No		20	12	No		0.31	No
	5/24/99	110	185	No		41	16	No		20	10	No		0.37	No
	6/1/99	744	315	No		10	13	No		3	10	No		0.01	No
	6/7/99	20	153	No		20	19	No		30	13	No		1.00	No
	6/14/99	10	69	No		10	19	No		3	10	No		1.00	No
	6/22/99	489	96	No		341	31	No		109	14	Yes		0.70	No
	6/28/99	85	91	No		41	31	No		3	10	No		0.48	No
	7/6/99	85	59	No		20	35	No		10	12	No		0.24	No
	7/12/99	109	83	No		31	39	No		10	10	No		0.28	No
	7/19/99	432	175	No		98	61	No		10	13	No		0.23	No
	7/26/99	175	143	No		135	51	No		31	10	No		0.77	No
	8/2/99	1,071	237	No		410	80	Yes		41	17	No		0.38	Yes
	re-08/04/1999	809	372	No		278	136	No		3	13	No		0.34	No
	8/9/99	10	204	No		3	72	No		3	10	No		0.30	No

## Goleta 037

	8/16/99	309	242	No		52	79	No		41	13	No		0.17	No
	8/23/99	402	239	No		20	60	No		63	18	No		0.05	No
	8/30/99	160	236	No		41	49	No		3	12	No		0.26	No
	9/7/99	41	96	No		3	13	No		10	12	No		0.07	No
	9/13/99	63	139	No		20	19	No		3	12	No		0.32	No
	9/20/99	109	113	No		85	21	No		3	7	No		0.78	No
	9/27/99	161	94	No		52	26	No		30	6	No		0.32	No
	10/4/99	85	83	No		31	24	No		20	9	No		0.36	No
	10/11/99	10	62	No		3	24	No		3	7	No		0.30	No
	10/18/99	160	75	No		109	34	No		10	9	No		0.68	No
	10/25/99	771	111	No		530	49	Yes		86	17	No		0.69	No
	11/1/99	41	84	No		31	44	No		3	11	No		0.76	No
	11/8/99	905	136	No		384	73	No		278	18	Yes		0.42	No
	11/15/99	20	156	No		10	93	No		3	18	No		0.50	No
	11/22/99	63	129	No		31	72	No		41	24	No		0.49	No
25ydw	11/29/99	3	43	No		3	26	No		3	13	No		1.00	No
	12/6/99	20	37	No		3	16	No		10	16	No		0.15	No
	12/13/99	10	15	No		10	8	No		20	9	No		1.00	No
	12/20/99	30	16	No		10	8	No		3	9	No		0.33	No
	12/27/99	20	13	No		10	6	No		3	6	No		0.50	No
	1/3/00	3	13	No		3	6	No		3	6	No		1.00	No
	1/10/00	41	15	No		20	9	No		30	7	No		0.49	No
	1/18/00	24,192	71	Yes		213	17	No		185	11	Yes		0.01	No
	1/24/00	156	99	No		86	26	No		20	16	No		0.55	No
	1/31/00	327	172	No		74	38	No		98	32	No		0.23	No
	2/7/00	52	305	No		31	61	No		31	51	No		0.60	No
	2/14/00	12,997	964	Yes		301	105	No		663	94	Yes		0.02	No
	2/22/00	2,333	604	No		256	109	No		185	94	Yes		0.11	No
	2/28/00	512	766	No		31	89	No		31	103	No		0.06	No
	3/6/00	30,000	1892	Yes		1,918	170	Yes		8,164	249	Yes		0.06	No
	re-03/08/2000	2,254	4020	No		269	262	No		108	320	Yes		0.12	No
	3/13/00	203	2444	no		10	152	no		187	293	Yes		0.05	No
	re-03/15/2000	1,401	1686	No		187	140	No		52	191	No		0.13	No
	3/20/00	41	991	No		3	81	No		3	106	No		0.07	No
	3/27/00	20	502	No		10	51	No		3	59	No		0.50	No
	4/3/00	10	286	No		10	43	No		3	42	No		1.00	No
	4/10/00	10	53	No		10	13	No		3	10	No		1.00	No

## Goleta 037

	4/17/00	30,000	76	Yes		4,884	27	Yes		24192	18	Yes		0.16	Yes
	re-04/19/2000	1,842	162	No		10	34	No		30	29	No		0.01	No
	4/24/00	109	227	No		41	46	No		52	51	No		0.38	No
	5/1/00	41	301	No		10	46	No		3	51	No		0.24	No
	5/8/00	109	485	No		20	53	No		3	51	No		0.18	No
	5/15/00	31	123	No		10	15	No		3	8	No		0.32	No
	5/22/00	201	79	No		41	20	No		3	5	No		0.20	No
	5/30/00	86	75	No		52	21	No		3	3	No		0.60	No
	6/5/00	146	97	No		86	33	No		187	7	Yes		0.59	No
	re-06/07/2000	422	127	No		285	55	No		3	7	No		0.68	No
	6/12/00	143	172	No		85	85	No		3	7	No		0.59	No
	6/19/00	609	215	No		487	139	Yes		20	10	No		0.80	No
	re-06/21/2000	226	261	No		120	165	No		30	16	No		0.53	No
	6/26/00	110	226	No		41	131	No		31	18	No		0.37	No
	7/5/00	609	265	No		379	150	No		41	19	No		0.62	No
	7/10/00	1,259	410	No		1,223	257	Yes		10	24	No		0.97	Yes
	7/12/00	262	346	No		158	205	No		3	16	No		0.60	No
	7/17/00	377	384	No		109	201	No		31	16	No		0.29	No
	7/24/00	281	463	No		160	264	No		3	10	No		0.57	No
	7/31/00	820	491	No		388	265	No		31	10	No		0.47	No
	8/7/00	86	287	No		20	116	No		3	8	No		0.23	No
	8/14/00	63	216	No		10	67	No		3	8	No		0.16	No
	8/21/00	275	203	No		160	72	No		20	7	No		0.58	No
	8/28/00	295	205	No		187	75	No		41	12	No		0.63	No
	9/5/00	86	130	No		41	48	No		3	7	No		0.48	No
	9/11/00	294	167	No		95	65	No		41	12	No		0.32	No
	9/18/00	1,201	301	No		815	157	Yes		20	18	No		0.68	Yes
	re-9/20/2000	90	241	No		50	124	No		3	12	No		0.56	No
	9/25/00	135	206	No		110	112	No		3	7	No		0.81	No
	10/2/00	189	241	No		122	139	No		3	7	No		0.65	No
	10/9/00	85	202	No		52	118	No		10	8	No		0.61	No
	10/16/00	98	169	No		41	103	No		31	7	No		0.42	No
	10/23/00	121	115	No		97	72	No		3	5	No		0.80	No
	10/30/00	2,723	203	No		98	80	No		86	9	No		0.04	No
	11/6/00	631	263	No		31	65	No		63	16	No		0.05	No
	11/13/00	31	194	No		3	35	No		3	16	No		0.10	No
	11/20/00	3	111	No		3	22	No		3	13	No		1.00	No

## Goleta 037

11/27/00	145	119	No	52	23	No	41	13	No	0.36	No
12/1/00	62	106	No	51	20	No	3	13	No	0.82	No
12/11/00	243	71	No	52	18	No	20	11	No	0.21	No
12/18/00	108	53	No	10	15	No	10	8	No	0.09	No
12/22/00	160	70	No	41	24	No	3	8	No	0.26	No
12/28/00	63	116	No	3	24	No	3	8	No	0.05	No
1/4/01	86	106	No	10	18	No	10	6	No	0.12	No
1/8/01	2,098	190	No	275	24	No	171	12	Yes	0.13	Yes
1/11/01	24,192	410	Yes	341	32	No	1686	25	Yes	0.01	Yes
1/17/01	1,291	483	No	85	37	No	98	31	No	0.07	No
1/18/01	4,106	812	No	106	52	No	278	49	Yes	0.03	No
1/24/01	789	1020	No	10	43	No	96	81	No	0.01	No
1/25/01	189	1194	No	3	43	No	na	140	No	0.02	No
1/29/01	146	1287	No	20	47	No	31	169	No	0.14	No
2/5/01	41	734	No	10	29	No	20	118	No	0.24	No
2/7/01	121	344	No	3	15	No	3	41	No	0.02	No
2/12/01	24,192	523	Yes	689	20	Yes	4884	79	Yes	0.03	No
2/14/01	2,909	461	No	41	19	No	173	69	Yes	0.01	No
2/15/01	336	508	No	3	19	No	20	56	No	0.01	No
2/21/01	275	564	No	10	17	No	3	38	No	0.04	No
2/22/01	96	650	No	3	14	No	20	38	No	0.03	No
2/28/01	1,076	936	No	3	14	No	31	56	No	0.00	No
3/6/01	30,000	970	Yes	888	15	Yes	763	41	Yes	0.03	No
3/8/01	30,000	1431	No	85	17	No	602	51	Yes	0.00	No
3/12/01	933	1697	No	3	17	No	3	37	No	0.00	No
3/19/01	259	1680	No	3	14	No	30	54	No	0.01	No
3/26/01	259	1982	No	30	20	No	20	54	No	0.12	No
4/2/01	41	1150	No	10	24	No	3	37	No	0.24	No
4/9/01	2,723	771	No	1,607	27	Yes	41	23	No	0.59	Yes
4/11/01	52	267	No	3	15	No	10	11	No	0.06	No
4/16/01	52	165	No	20	21	No	3	11	No	0.38	No
4/23/01	10	96	No	3	21	No	3	8	No	0.30	No



SANDS-Coal Oil Point											
Fac ID# 012535											
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total
Sands		10		No	10			1			1.00
Beach		10		No	10			1			1.00
		10		No	10			10			1.00
		100		No	10			1			0.10
		10	16	No	10	10		1	2		1.00
		100	25	No	10	10		1	2		0.10
		10	25	No	10	10		1	2		1.00
	10/21/96	10	25	No	10	10		1	1		1.00
	10/29/96	10	16	No	10	10		1	1		1.00
	11/4/96	10	16	No	10	10		1	1		1.00
	11/11/96	100	16	No	10	10		1	1		0.10
	11/18/96	10	16	No	10	10		31	2		1.00
	11/25/96	20,050	73	No	1110	26		10	3		0.06
	12/2/96	10	73	No	10	26		1	3		1.00
	12/9/96	2,220	214	Yes	10	26		99	8		0.00
	12/16/96	100	214	Yes	10	26		10	13		0.10
	1/6/97	200	389	Yes	100	41		20	11		0.50
	1/13/97	310	169	No	10	16		1	7		0.03
	1/21/97	10	169	No	10	16		10	11		1.00
	1/27/97	990	144	No	100	25		42	10		0.10
	2/3/97	10	91	No	10	25		1	6		1.00
	2/18/97	100	79	No	10	16		1	3		0.10
	2/25/97	10	40	No	10	16		1	3		1.00
	3/3/97	10	40	No	10	16		1	2		1.00
	3/10/97	10	16	No	10	10		1	1		1.00
	3/17/97	10	16	No	10	10		1	1		1.00

## Sands 012

	3/24/97	10	10	No		10	10		NA	1		1.00
	3/31/97	10	10	No		10	10		659	5		1.00
	4/21/97	10	10	No		10	10		306	21		1.00
	4/28/97	10	10	No		10	10		10	38		1.00
	5/5/97	10	10	No		10	10		120	125		1.00
	5/13/97	10	10	No		10	10		1	48		1.00
	5/19/97	10	10	No		10	10		10	21		1.00
	6/2/97	10	10	No		10	10		10	10		1.00
	6/9/97	10	10	No		10	10		1	7		1.00
	6/16/97	10	10	No		10	10		1	3		1.00
	6/23/97	10	10	No		10	10		10	4		1.00
	6/30/97	10	10	No		10	10		1	3		1.00
	7/7/97	10	10	No		10	10		1	2		1.00
	7/14/97	10	10	No		10	10		1	2		1.00
	7/21/97	10	10	No		10	10		1	2		1.00
	7/28/97	10	10	No		10	10		1	1		1.00
	8/4/97	10	10	No		10	10		1	1		1.00
	8/11/97	10	10	No		10	10		10	2		1.00
	8/18/97	10	10	No		10	10		1	2		1.00
	8/25/97	10	10	No		10	10		1	2		1.00
	9/2/97	10	10	No		10	10		1	2		1.00
	9/8/97	10	10	No		10	10		10	3		1.00
	9/15/97	10	10	No		10	10		1	2		1.00
	9/22/97	10	10	No		10	10		1	2		1.00
	9/29/97	10	10	No		10	10		1	2		1.00
	10/6/97	10	10	No		10	10		1	2		1.00
	10/13/97	10	10	No		10	10		10	2		1.00
	10/20/97	10	10	No		10	10		20	3		1.00
	10/27/97	10	10	No		10	10	No	1	3	No	1.00
	11/3/97	10	10	No		10	10	No	1	3	No	1.00
	11/10/97	10	10	No		10	10	No	1	3	No	1.00
	11/17/97	10	10	No		10	10	No	20	3	No	1.00
	11/24/97	10	10	No		10	10	No	1	2	No	1.00
	12/1/97	310	20	No		10	10	No	20	3	No	0.03
	12/8/97	4,884	69	No		156	17	No	306	10	No	0.03

## Sands 012

12/15/97	243	130	No	20	20	No	10	17	No	0.08
12/22/97	132	217	No	1	13	No	10	14	No	0.01
12/29/97	20	250	No	1	8	No	1	14	No	0.05
1/5/98	7,270	469	Yes	86	12	No	288	24	No	0.01
1/12/98	1,012	343	Yes	1	4	No	31	15	No	0.00
1/20/98	238	341	Yes	1	2	No	10	15	No	0.00
1/27/98	364	418	Yes	52	5	No	164	27	No	0.14
2/2/98	11,199	1482	Yes	256	16	No	1445	116	Yes	0.02
2/9/98	17,329	1763	Yes	10	11	Yes	207	109	Yes	0.00
2/17/98	1,455	1895	Yes	63	24	No	124	143	Yes	0.04
2/23/98	85	1543	Yes	20	44	No	31	180	Yes	0.24
3/2/98	1,354	2006	Yes	10	32	No	1	65	Yes	0.01
3/9/98	52	685	Yes	1	10	No	1	15	No	0.02
3/16/98	161	269	Yes	31	13	No	42	11	No	0.19
3/23/98	121	163	No	10	9	No	1	4	No	0.08
3/30/98	41	141	No	1	5	No	1	2	No	0.02
4/6/98	3,654	172	No	185	9	No	178	6	No	0.05
4/13/98	886	304	No	10	14	No	64	14	No	0.01
4/20/98	1	110	No	1	7	No	10	10	No	1.00
4/27/98	1	42	No	1	5	No	1	10	No	1.00
5/4/98	97	50	No	10	7	No	1	10	No	0.10
5/11/98	2,359	46	No	20	5	No	1	4	No	0.01
5/18/98	20	21	No	1	3	No	1	2	No	0.05
5/26/98	52	47	No	10	5	No	1	1	No	0.19
6/1/98	31	94	No	1	5	No	10	2	No	0.03
6/8/98	10	60	No	1	3	No	1	2	No	0.10
6/15/98	1	13	No	1	2	No	1	2	No	1.00
6/22/98	31	14	No	41	3	No	1	2	No	1.32
6/29/98	10	10	No	1	2	No	1	2	No	0.10
7/6/98	10	8	No	1	2	No	1	1	No	0.10
7/13/98	10	8	No	20	4	No	1	1	No	2.00
7/20/98	41	17	No	10	6	No	1	1	No	0.24
7/27/98	10	13	No	41	6	No	1	1	No	4.10
8/3/98	10	13	No	30	12	No	1	1	No	3.00
8/10/98	10	13	No	1	12	No	99	3	No	0.10

## Sands 012

8/17/98	10	13	No	31	13	No	1	3	No	3.10
8/24/98	10	10	No	10	13	No	1	3	No	1.00
8/31/98	20	11	No	1	6	No	1	3	No	0.05
9/8/98	10	11	No	10	5	No	1	3	No	1.00
9/14/98	41	15	No	10	8	No	1	1	No	0.24
9/21/98	20	17	No	10	6	No	1	1	No	0.50
9/28/98	10	17	No	10	6	No	1	1	No	1.00
10/5/98	10	15	No	10	10	No	1	1	No	1.00
10/12/98	10	15	No	10	10	No	1	1	No	1.00
10/19/98	1,106	29	No	31	13	No	99	3	No	0.03
10/26/98	20	29	No	10	13	No	1	3	No	0.50
11/2/98	10	29	No	10	13	No	30	5	No	1.00
11/9/98	10	29	No	10	13	No	1	5	No	1.00
11/16/98	10	29	No	10	13	No	1	5	No	1.00
11/23/98	10	11	No	10	10	No	1	2	No	1.00
11/30/98	10	10	No	10	10	No	1	2	No	1.00
12/7/98	41	13	No	10	10	No	1	1	No	0.24
12/14/98	10	13	No	10	10	No	1	1	No	1.00
12/21/98	10	13	No	10	10	No	1	1	No	1.00
12/28/98	10	13	No	10	10	No	1	1	No	1.00
1/4/99	10	13	No	10	10	No	1	1	No	1.00
1/11/99	10	10	No	10	10	No	1	1	No	1.00
1/19/99	10	10	No	10	10	No	1	1	No	1.00
1/25/99	10	10	No	10	10	No	20	2	No	1.00
2/1/99	63	14	No	1	6	No	464	6	Yes	0.02
2/8/99	10	14	No	10	6	No	10	10	No	1.00
2/16/99	3	11	No	3	5	No	3	12	No	1.00
2/22/99	3	9	No	3	4	No	3	15	No	1.00
3/1/99	63	13	No	3	3	No	10	13	No	0.05
3/8/99	3	7	No	3	4	No	3	5	No	1.00
3/15/99	85	11	No	3	3	No	31	6	No	0.04
3/22/99	52	19	No	3	3	No	3	6	No	0.06
3/29/99	10	24	No	3	3	No	3	6	No	0.30
4/5/99	3	13	No	3	3	No	3	5	No	1.00
4/12/99	12,033	69	Yes	121	6	No	426	13	Yes	0.01

## Sands 012

Re4/14/99	160	79	No	3	6	No	3	8	No	0.02
4/19/99	31	71	No	3	6	No	3	8	No	0.10
4/26/99	10	71	No	3	6	No	3	8	No	0.30
5/3/99	3	71	No	3	6	No	3	8	No	1.00
5/10/99	3	13	No	3	3	No	3	3	No	1.00
5/17/99	3	6	No	3	3	No	74	6	No	1.00
5/24/99	10	5	No	3	3	No	3	6	No	0.30
6/1/99	10	5	No	3	3	No	3	6	No	0.30
6/7/99	3	5	No	3	3	No	3	6	No	1.00
6/14/99	10	6	No	3	3	No	3	6	No	0.30
6/22/99	20	9	No	10	4	No	10	4	No	0.50
6/28/99	3	7	No	3	4	No	10	5	No	1.00
7/6/99	3	6	No	3	4	No	10	6	No	1.00
7/12/99	41	9	No	20	6	No	3	6	No	0.49
7/19/99	10	9	No	10	7	No	10	8	No	1.00
7/26/99	41	11	No	20	8	No	3	6	No	0.49
8/2/99	31	17	No	31	13	No	3	5	No	1.00
8/9/99	30	27	No	20	19	No	3	4	No	0.67
8/16/99	10	21	No	10	17	No	3	4	No	1.00
8/23/99	3	16	No	3	13	No	3	3	No	1.00
8/30/99	3	10	No	3	9	No	3	3	No	1.00
9/7/99	3	6	No	3	6	No	73	6	No	1.00
9/13/99	3	4	No	3	4	No	10	7	No	1.00
9/20/99	20	4	No	10	4	No	3	7	No	0.50
9/27/99	3	4	No	3	4	No	114	15	Yes	1.00
10/4/99	3	4	No	3	4	No	3	15	No	1.00
10/11/99	3	4	No	3	4	No	3	8	No	1.00
10/18/99	3	4	No	3	4	No	3	6	No	1.00
10/25/99	10	4	No	3	3	No	10	8	No	0.30
11/1/99	3	4	No	3	3	No	3	4	No	1.00
11/8/99	488	11	No	171	7	No	98	8	No	0.35
11/15/99	10	13	No	3	7	No	3	8	No	0.30
11/22/99	41	23	No	20	10	No	10	10	No	0.49
11/29/99	3	18	No	3	10	No	3	8	No	1.00
12/6/99	3	18	No	3	10	No	3	8	No	1.00

## Sands 012

12/13/99	3	6	No	3	4	No	60	7	No	1.00
12/20/99	10	6	No	3	4	No	3	7	No	0.30
12/27/99	3	4	No	3	3	No	3	5	No	1.00
1/3/00	3	4	No	3	3	No	3	5	No	1.00
1/10/00	3	4	No	3	3	No	3	5	No	1.00
1/18/00	20	6	No	3	3	No	3	3	No	0.15
1/24/00	3	4	No	3	3	No	3	3	No	1.00
1/31/00	10	6	No	3	3	No	3	3	No	0.30
2/7/00	20	8	No	3	3	No	41	5	No	0.15
2/14/00	2,613	32	No	97	6	No	332	13	Yes	0.04
2/22/00	1,334	73	No	20	9	No	41	22	No	0.01
2/28/00	1,553	255	No	41	15	No	96	44	No	0.03
3/6/00	1354	681	No	20	22	No	63	80	No	0.01
3/13/00	30	739	No	3	22	No	3	48	No	0.10
3/20/00	52	337	No	3	11	No	3	19	No	0.06
3/27/00	3	100	No	3	7	No	3	11	No	1.00
4/3/00	3	29	No	3	4	No	52	10	No	1.00
4/10/00	3	8	No	3	3	No	3	5	No	1.00
4/17/00	691	16	No	41	5	No	328	14	Yes	0.06
re-04/19/2000	627	26	No	30	8	No	10	17	No	0.05
4/24/00	52	46	No	10	10	No	3	17	No	0.19
5/1/00	41	77	No	3	10	No	3	10	No	0.07
5/8/00	41	131	No	31	16	No	10	12	No	0.76
5/15/00	10	56	No	3	10	No	3	5	No	0.30
5/22/00	10	24	No	3	6	No	3	4	No	0.30
5/30/00	3	14	No	3	5	No	3	4	No	1.00
6/5/00	3	8	No	3	5	No	3	4	No	1.00
6/12/00	3	5	No	3	3	No	122	6	Yes	1.00
re-06/14/2000	10	5	No	10	4	No	3	6	No	1.00
6/19/00	41	6	No	3	4	No	30	10	No	0.07
6/26/00	3	6	No	3	4	No	3	10	No	1.00
7/5/00	52	11	No	20	6	No	20	15	No	0.38
7/10/00	20	17	No	10	7	No	3	7	No	0.50
7/17/00	10	17	No	3	6	No	20	10	No	0.30
7/24/00	41	17	No	10	7	No	20	9	No	0.24

## Sands 012

	7/31/00	41	28	No		20	10	No		20	14	No	0.49
	8/7/00	10	20	No		3	7	No		3	9	No	0.30
	8/14/00	31	22	No		3	6	No		3	9	No	0.10
	8/21/00	20	25	No		10	7	No		3	6	No	0.50
	8/28/00	74	29	No		31	9	No		31	7	No	0.42
	9/5/00	3	17	No		3	6	No		3	5	No	1.00
	9/11/00	20	19	No		3	6	No		3	5	No	0.15
	re-9/13/00	10	15	No		3	6	No		3	5	No	0.30
	9/18/00	10	13	No		10	6	No		3	5	No	1.00
	9/25/00	3	7	No		3	4	No		3	3	No	1.00
	10/2/00	10	9	No		3	4	No		3	3	No	0.30
	10/9/00	20	10	No		3	4	No		10	4	No	0.15
	10/16/00	10	9	No		3	4	No		3	4	No	0.30
	10/23/00	20	10	No		3	4	No		3	4	No	0.15
	10/30/00	85	15	No		3	3	No		605	9	Yes	0.04
	11/1/00	10	18	No		3	3	No		10	11	No	0.30
	11/6/00	20	20	No		10	4	No		3	11	No	0.50
	11/13/00	20	20	No		20	5	No		20	12	No	1.00
	11/20/00	3	17	No		3	5	No		3	12	No	1.00
	11/27/00	3	12	No		3	5	No		3	12	No	1.00
	12/4/00	31	10	No		3	5	No		3	5	No	0.10
	12/11/00	3	8	No		3	5	No		3	4	No	1.00
	12/18/00	3	6	No		3	4	No		3	4	No	1.00
	12/26/00	10	5	No		3	3	No		3	3	No	0.30
	1/2/01	10	7	No		10	4	No		10	4	No	1.00
	1/8/01	10	8	No		3	4	No		31	5	No	0.30
	1/11/01	24,192	25	Yes		341	8	No		1686	16	Yes	0.01
	1/16/01	305	35	No		3	7	No		20	16	No	0.01
	1/22/01	52	85	No		10	10	No		3	21	No	0.19
	1/29/01	20	96	No		3	10	No		3	21	No	0.15
	2/5/01	3	78	No		3	8	No		62	29	No	1.00
	2/12/01	12,033	255	Yes		146	15	No		1211	53	Yes	0.01
	2/20/01	2,143	170	No		41	11	No		185	37	Yes	0.02
	2/22/01	201	159	No		3	11	No		41	42	No	0.01
	2/26/01	1,291	272	No		31	13	No		98	74	No	0.02

Sands 012

	3/6/01	3,873	653	No		146	25	No		487	173	Yes		0.04
	3/8/01	512	1539	No		3	25	No		31	154	No		0.01
	3/12/01	959	1009	No		3	13	No		3	57	No		0.00
	3/19/01	231	696	No		3	8	No		3	29	No		0.01
	3/26/01	173	679	No		3	8	No		10	23	No		0.02
	4/2/01	41	382	No		3	6	No		3	13	No		0.07
	4/9/01	63	192	No		3	3	No		3	5	No		0.05
	4/16/01	41	126	No		3	3	No		10	4	No		0.07
	4/23/01	10	59	No		3	3	No		193	9	Yes		0.30
	4/25/2001re	3	29	No		3	3	No		3	9	No		1.00



# EL CAPITAN BEACH

Fac ID# 012536

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
El Capitan Beach	9/4/96	10			10			1			1.00	
	9/10/96	10			10			1			1.00	
	9/17/96	310			10			10			0.03	
At bottom of path	9/25/96	10			10			1			1.00	
	10/1/96	10	20	No	10	10		64	4		1.00	
	10/7/96	10	20	No	10	10		1	4		1.00	
	10/14/96	100	31	No	10	10		75	9		0.10	
	10/21/96	10	16	No	10	10		1	5		1.00	
	10/29/96	100	25	No	10	10		10	9		0.10	
	11/4/96	10	25	No	10	10		1	4		1.00	
	11/11/96	100	40	No	10	10		1	4		0.10	
	11/18/96	10	25	No	10	10		1	2		1.00	
	11/25/96	10	25	No	10	10		1	2		1.00	
	12/2/96	10	16	No	10	10		1	1		1.00	
	12/9/96	310	31	No	10	10		53	2		0.03	
	12/16/96	10	20	No	10	10		10	4		1.00	
	1/6/97	10	20	No	10	10		20	6		1.00	
	1/27/97	10	20	No	10	10		1	6		1.00	
	2/3/97	310	39	No	10	10		1	6		0.03	
	2/10/97	10	20	No	10	10		1	3		1.00	
	2/18/97	10	20	No	10	10		1	2		1.00	
	2/25/97	530	44	No	10	10		1	1		0.02	
	3/3/97	10	44	No	10	10		1	1		1.00	
	3/17/97	10	22	No	10	10		1	1		1.00	
	3/24/97	10	22	No	10	10		NA	1		1.00	
	4/7/97	10	22	No	10	10		659	5		1.00	

El Capitan 013

4/14/97	10	10	No	10	10		1	5		1.00
5/13/97	10	10	No	10	10		1	5		1.00
5/19/97	200	18	No	10	10		344	22		0.05
5/29/97	10	18	No	10	10		1	12		1.00
6/9/97	990	46	No	310	20		624	12		0.31
6/16/97	10	46	No	10	20		1	12		1.00
6/23/97	10	46	No	10	20		10	18		1.00
6/30/97	10	25	No	10	20		1	6		1.00
7/7/97	10	25	No	10	20		10	9		1.00
7/14/97	10	10	No	10	10		1	3		1.00
7/21/97	10	10	No	10	10		1	3		1.00
7/28/97	100	16	No	10	10		10	3		0.10
8/4/97	10	16	No	10	10		1	3		1.00
8/11/97	10	16	No	10	10		10	3		1.00
8/18/97	10	16	No	10	10		10	4		1.00
8/25/97	100	25	No	100	16		10	6		1.00
9/2/97	10	16	No	10	16		1	4		1.00
9/8/97	100	25	No	10	16		1	4		0.10
9/15/97	10	25	No	10	16		1	3		1.00
9/22/97	200	46	No	10	16		10	3		0.05
9/29/97	10	29	No	10	10		75	4		1.00
10/6/97	10	29	No	10	10		1	4		1.00
10/13/97	10	18	No	10	10		87	9		1.00
10/20/97	100	29	No	10	10		53	20		0.10
10/27/97	10	16	No	10	10	No	10	20	No	1.00
11/3/97	10	16	No	10	10	No	10	14	No	1.00
11/10/97	200	29	No	100	16	No	10	22	No	0.50
11/17/97	10	29	No	10	16	No	20	16	No	1.00
11/24/97	100	29	No	100	25	No	20	13	No	1.00
12/1/97	750	68	No	100	40	No	54	18	No	0.13
12/8/97	3,488	221	No	41	53	No	124	31	No	0.01
12/15/97	2,723	372	Yes	41	44	No	53	43	Yes	0.02
12/22/97	405	780	Yes	10	44	No	10	37	Yes	0.02
12/29/97	336	994	Yes	10	28	No	10	32	No	0.03
1/5/98	552	935	Yes	1	11	No	1	15	No	0.00

El Capitan 013

1/12/98	209	532	No	52	12	No	20	10	No	0.25
1/20/98	63	251	No	1	6	No	31	9	No	0.02
1/27/98	816	288	No	20	6	No	31	11	No	0.02
2/2/98	9,804	566	No	169	11	No	222	21	No	0.02
2/9/98	1,153	656	Yes	1	11	Yes	31	42	Yes	0.00
2/17/98	275	693	Yes	1	5	No	20	42	Yes	0.00
2/23/98	2,282	1421	Yes	20	9	No	192	61	Yes	0.01
3/2/98	74	879	Yes	1	5	No	1	31	No	0.01
3/9/98	448	474	Yes	20	3	No	10	16	No	0.04
3/16/98	171	324	No	1	3	No	10	13	No	0.01
3/23/98	53	233	No	1	3	No	10	11	No	0.02
3/30/98	97	124	No	1	2	No	10	6	No	0.01
4/6/98	836	201	No	10	3	No	1	6	No	0.01
4/13/98	135	158	No	1	2	No	42	8	No	0.01
4/20/98	305	178	No	1	2	No	1	5	No	0.00
4/27/98	187	229	No	20	3	No	64	8	No	0.11
5/4/98	63	210	No	1	3	No	1	5	No	0.02
5/11/98	269	167	No	1	2	No	53	11	No	0.00
5/18/98	748	235	No	41	4	No	1	5	No	0.05
5/26/98	31	149	No	1	4	No	1	5	No	0.03
6/1/98	213	153	No	20	4	No	42	5	No	0.09
6/8/98	1	67	No	1	4	No	1	5	No	1.00
6/15/98	1	22	No	1	4	No	1	2	No	1.00
6/22/98	31	12	No	20	3	No	10	3	No	0.65
6/29/98	10	9	No	10	5	No	1	3	No	1.00
7/6/98	10	5	No	41	6	No	1	2	No	4.10
7/13/98	20	9	No	31	12	No	1	2	No	1.55
7/20/98	1,106	37	No	98	30	No	288	5	No	0.09
7/27/98	20	34	No	1	17	No	1	3	No	0.05
8/3/98	20	39	No	10	17	No	1	3	No	0.50
8/10/98	167	68	No	121	21	No	31	6	No	0.72
8/17/98	2,755	183	No	122	27	No	855	24	No	0.04
8/24/98	546	159	No	63	25	No	64	18	No	0.12
8/31/98	1,439	373	Yes	41	52	No	111	45	Yes	0.03
9/8/98	1,119	834	Yes	20	60	No	137	121	Yes	0.02

El Capitan 013

9/14/98	1,014	1197	Yes	20	42	No	192	174	Yes	0.02	
9/21/98	20	447	Yes	10	25	No	1	45	Yes	0.50	
9/28/98	262	386	Yes	52	24	No	99	49	Yes	0.20	
10/5/98	10	143	Yes	10	18	No	1	19	No	1.00	
10/12/98	20	64	No	10	16	No	42	15	No	0.50	
10/19/98	813	61	No	10	14	No	20	10	No	0.01	
10/26/98	10	53	No	10	14	No	1	10	No	1.00	
11/2/98	31	35	No	10	10	No	20	7	No	0.32	
11/9/98	10	35	No	10	10	No	1	7	No	1.00	
11/16/98	10	30	No	10	10	No	1	3	No	1.00	
11/23/98	20	14	No	10	10	No	1	2	No	0.50	
11/30/98	31	18	No	10	10	No	20	3	No	0.32	
12/7/98	20	17	No	10	10	No	30	4	No	0.50	
12/14/98	10	17	No	10	10	No	1	4	No	1.00	
12/21/98	10	17	No	10	10	No	275	11	No	1.00	
12/28/98	10	14	No	10	10	No	1	11	No	1.00	
1/4/99	122	19	No	10	10	No	145	16	Yes	0.08	No
1/11/99	10	16	No	10	10	No	1	8	No	1.00	No
1/19/99	52	23	No	10	10	No	10	13	No	0.19	No
1/25/99	10	23	No	10	10	No	1	4	No	1.00	No
2/1/99	41	30	No	10	10	No	1	4	No	0.24	No
2/8/99	109	30	No	10	10	No	10	3	No	0.09	No
2/16/99	98	47	No	41	13	No	3	3	No	0.42	No
2/22/99	10	34	No	3	10	No	20	4	No	0.30	No
3/1/99	74	50	No	20	12	No	10	6	No	0.27	No
3/8/99	3	30	No	3	9	No	3	7	No	1.00	No
3/15/99	20	21	No	3	7	No	10	7	No	0.15	No
3/22/99	3	11	No	3	4	No	3	7	No	1.00	No
3/29/99	52	15	No	3	4	No	3	5	No	0.06	No
4/5/99	3	8	No	3	3	No	3	4	No	1.00	No
4/12/99	1,785	28	No	135	6	No	41	6	No	0.08	No
4/19/99	3	19	No	3	6	No	3	5	No	1.00	No
4/26/99	3	19	No	3	6	No	3	5	No	1.00	No
5/3/99	3	11	No	3	6	No	3	5	No	1.00	No
5/10/99	3	11	No	3	6	No	3	5	No	1.00	No

El Capitan 013

	5/17/99	10	4	No		3	3	No		3	3	No		0.30	No	
	5/24/99	10	5	No		3	3	No		3	3	No		0.30	No	
	6/1/99	3	5	No		3	3	No		3	3	No		1.00	No	
	6/7/99	3	5	No		3	3	No		3	3	No		1.00	No	
	6/14/99	10	6	No		3	3	No		3	3	No		0.30	No	
	6/22/99	10	6	No		10	4	No		10	4	No		1.00	No	
	6/28/99	3	5	No		3	4	No		3	4	No		1.00	No	
	7/6/99	3	5	No		3	4	No		3	4	No		1.00	No	
	7/12/99	10	6	No		3	4	No		3	4	No		0.30	No	
	7/19/99	10	6	No		10	5	No		10	5	No		1.00	No	
	7/26/99	3	5	No		3	4	No		3	4	No		1.00	No	
	8/2/99	3	5	No		3	4	No		3	4	No		1.00	No	
	8/9/99	135	10	No		86	7	No		3	4	No		0.64	No	
	8/16/99	10	10	No		3	7	No		3	4	No		0.30	No	
	8/23/99	10	10	No		10	7	No		3	3	No		1.00	No	
	8/30/99	3	10	No		3	7	No		3	3	No		1.00	No	
	9/7/99	3	10	No		3	7	No		51	5	No		1.00	No	
	9/13/99	10	6	No		3	4	No		3	5	No		0.30	No	
	9/20/99	10	6	No		3	4	No		3	5	No		0.30	No	
	9/27/99	41	8	No		10	4	No		41	9	No		0.24	No	
	10/4/99	3	8	No		3	4	No		3	9	No		1.00	No	
	10/11/99	10	10	No		3	4	No		10	6	No		0.30	No	
	10/18/99	3	8	No		3	4	No		10	8	No		1.00	No	
	10/25/99	51	11	No		3	4	No		124	17	Yes		0.06	No	
	11/1/99	3	7	No		3	3	No		3	10	No		1.00	No	
crk m	11/8/99	422	18	No		246	7	No		465	28	Yes		0.58	No	
25yd E	11/15/99	3	14	No		3	7	No		3	22	No		1.00	No	
25yd E	11/22/99	63	26	No		3	7	No		3	17	No		0.05	No	
bath	11/29/99	3	15	No		3	7	No		3	8	No		1.00	No	
25yd E	12/6/99	3	15	No		3	7	No		3	8	No		1.00	No	
	12/13/99	10	7	No		10	4	No		3	3	No		1.00	No	
	12/20/99	3	7	No		3	4	No		20	4	No		1.00	No	
	12/27/99	3	4	No		3	4	No		3	4	No		1.00	No	
	1/3/00	3	4	No		3	4	No		3	4	No		1.00	No	
	1/10/00	10	5	No		3	4	No		3	4	No		0.30	No	

El Capitan 013

	1/18/00	10	10	No		10	4	No		3	4	No		1.00	No	
	1/24/00	3,873	3873	No		3	4	No		3	3	No		0.00	No	
	1/31/00	199	199	No		20	6	No		3	3	No		0.10	No	
	2/7/00	31	31	No		3	6	No		3	3	No		0.10	No	57
	2/14/00	3,076	3076	No		233	13	No		573	9	Yes		0.08	No	
	2/22/00	1,071	1071	No		31	17	No		86	17	No		0.03	No	
	2/28/00	41	41	No		3	17	No		408	45	Yes		0.07	No	
	RE-3/1/00	20	20	No		3	11	No		3	45	No		0.15	No	
	3/6/00	435	259	No		10	15	No		20	66	No		0.02	No	
	3/13/00	3	65	No		3	6	No		10	29	No		1.00	No	
	3/20/00	171	45	No		3	4	No		3	15	No		0.02	No	
	3/27/00	201	62	No		3	4	No		3	6	No		0.01	No	
	4/3/00	74	80	No		3	4	No		10	7	No		0.04	No	
	4/10/00	160	66	No		10	4	No		243	12	Yes		0.06	No	
	4/12/00	41	111	No		3	4	No		3	9	No		0.07	No	
	4/17/00	30,000	311	Yes		1,850	14	Yes		2282	35	Yes		0.06	No	
	re-04/19/2000	85	262	No		3	14	No		20	51	No		0.04	No	
	4/24/00	20	202	No		3	14	No		3	40	No		0.15	No	
	5/1/00	120	191	No		20	16	No		31	26	No		0.17	No	
	5/8/00	295	283	No		31	25	No		1576	92	Yes		0.11	No	
	05/10/2000-re	314	114	No		10	9	No		63	45	No		0.03	No	
	5/15/00	96	116	No		3	9	No		20	45	No		0.03	No	
	5/22/00	10	101	No		3	9	No		3	45	No		0.30	No	
	5/30/00	97	97	No		31	10	No		63	52	No		0.32	No	
	6/5/00	52	69	No		3	6	No		3	15	No		0.06	No	
	6/12/00	31	43	No		20	7	No		52	14	No		0.65	No	
	6/19/00	185	49	No		10	9	No		20	14	No		0.05	No	
	6/26/00	52	68	No		3	9	No		3	14	No		0.06	No	
	7/5/00	156	75	No		30	9	No		10	10	No		0.19	No	
	7/10/00	199	98	No		10	11	No		3	10	No		0.05	No	
	7/17/00	63	113	No		10	10	No		3	6	No		0.16	No	
	7/24/00	30,000	314	Yes		9,804	39	Yes		74	7	No		0.33	Yes	
	re-7/26/2000	31	283	No		10	49	No		10	9	No		0.32	No	
	7/31/00	253	312	No		41	53	No		10	9	No		0.16	No	
	8/7/00	122	283	No		20	60	No		3	9	No		0.16	No	

El Capitan 013

8/14/00	20	225	No	3	47	No	3	9	No	0.15	No
8/21/00	480	98	No	175	21	No	10	6	No	0.36	No
8/28/00	63	113	No	10	21	No	10	6	No	0.16	No
9/5/00	20	68	No	3	13	No	3	5	No	0.15	No
9/11/00	10	41	No	3	9	No	3	5	No	0.30	No
9/18/00	41	48	No	3	9	No	3	5	No	0.07	No
9/25/00	20	25	No	10	5	No	3	4	No	0.50	No
10/2/00	97	28	No	74	7	No	98	6	No	0.76	No
10/9/00	3	19	No	3	6	No	3	5	No	1.00	No
10/16/00	20	19	No	10	8	No	41	8	No	0.50	No
10/23/00	41	24	No	20	10	No	3	8	No	0.49	No
10/30/00	62	26	No	30	15	No	3	8	No	0.48	No
11/6/00	74	32	No	3	13	No	10	10	No	0.04	No
11/13/00	41	28	No	3	7	No	20	8	No	0.07	No
11/20/00	10	34	No	10	9	No	3	8	No	1.00	No
11/27/00	41	38	No	3	7	No	10	6	No	0.07	No
12/4/00	3	25	No	3	5	No	3	6	No	1.00	No
12/11/00	31	22	No	3	4	No	3	6	No	0.10	No
12/18/00	31	19	No	3	4	No	10	6	No	0.10	No
12/26/00	31	18	No	3	4	No	20	6	No	0.10	No
1/2/01	20	20	No	3	3	No	31	9	No	0.15	No
1/8/01	4,106	44	No	199	6	No	169	15	Yes	0.05	No
1/16/01	313	96	No	20	8	No	74	25	No	0.06	No
1/22/01	1,046	172	No	41	13	No	120	46	Yes	0.04	No
1/24/2001re	583	280	No	3	13	No	31	55	No	0.01	No
1/29/01	228	391	No	10	16	No	3	40	No	0.04	No
2/5/01	41	441	No	3	16	No	10	33	No	0.07	No
2/12/01	1,274	363	No	3	8	No	73	29	No	0.00	No
2/20/01	4,352	562	No	74	10	No	85	30	No	0.02	No
2/26/01	504	498	No	52	10	No	52	26	No	0.10	No
3/6/01	4,352	696	No	41	16	No	73	30	No	0.01	No
3/12/01	2,098	1008	No	20	17	No	20	41	No	0.01	No
3/19/01	5,475	2278	No	238	36	No	697	83	Yes	0.04	No
3/21/01	393	1872	No	20	50	No	3	49	No	0.05	No
3/26/01	216	1135	No	3	29	No	3	28	No	0.01	No

El Capitan 013

	4/2/01	52	777	No		3	18	No		10	21	No		0.06	No	
	4/9/01	408	524	No		52	19	No		226	26	Yes		0.13	No	
	4/11/01	249	367	No		41	21	No		31	28	No		0.16	No	
	4/16/01	109	191	No		30	15	No		10	14	No		0.28	No	
	4/23/01	86	148	No		3	11	No		10	17	No		0.03	No	



Refugio 078

8/14/00	20	#REF!	No		#	#REF!	No		10	#REF!	No		#	No			
<b>REFUGIO BEACH</b>																	
Fac ID# 012537																	
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococci	LOG MEAN	exceeds	Ratio of fecal/total	exceeds					
Refugio	3/10/97	420			10			306			0.02						
Beach	3/17/97	10			10			53			1.00						
Mouth	3/24/97	640			200			NA			0.31						
of	3/31/97	2,070			200			99			0.10						
Creek	4/7/97	310	280	No	100	53		75	105		0.32						
	4/14/97	87	204	No	10	53		42	64		0.11						
	4/21/97	200	372	No	10	53		53	64		0.05						
	4/28/97	10	162	No	10	29		1	28		1.00						
	5/5/97	310	111	No	10	16		20	20		0.03						
	5/13/97	1,500	152	No	870	24		697	32		0.58						
	5/19/97	750	234	No	10	24		31	30		0.01						
	5/27/97	530	284	No	10	24		124	35		0.02						
	6/2/97	870	694	No	10	24		53	78		0.01						
	6/9/97	4,530	1,186	Yes	10	24		831	164		0.00						
	6/11/97	4,530	1,480	Yes	10	10		831	170		0.00						
	6/16/97	4,530	2,120	Yes	10	10		1	85		0.00						
	6/23/97	640	2,202	Yes	10	10		10	52		0.02						
	6/30/97	530	1,994	Yes	530	22		20	42		1.00						
	7/7/97	200	1,068	Yes	10	22		10	18		0.05						
	7/14/97	10	314	No	10	22		1	5		1.00						
	7/21/97	10	93	No	10	22		10	7		1.00						
	7/28/97	420	85	No	310	44		31	9		0.74						
	8/4/97	10	38	No	10	20		10	8		1.00						
	8/11/97	100	33	No	10	20		10	8		0.10						
	8/18/97	530	74	No	310	39		31	16		0.58						
	8/25/97	100	117	No	100	63		20	18		1.00						

Refugio 078

9/2/97	10	56	No	10	31		1	9		1.00	
9/8/97	200	101	No	100	50		10	9		0.50	
9/15/97	10	64	No	10	50		10	9		1.00	
9/22/97	200	53	No	100	40		137	12		0.50	
9/29/97	100	53	No	10	25		429	23		0.10	
10/6/97	10	53	No	10	25		20	41		1.00	
10/13/97	10	29	No	10	16		1	26		1.00	
10/20/97	10	29	No	10	16		10	26		1.00	
10/27/97	10	16	No	10	10	No	20	18	No	1.00	
11/3/97	10	10	No	10	10	No	1	5	No	1.00	
11/10/97	310	20	No	100	16	No	1	3	No	0.32	
11/17/97	100	31	No	10	16	No	75	7	No	0.10	
11/24/97	640	72	No	310	31	No	364	14	No	0.48	
12/1/97	310	144	No	10	31	No	222	23	No	0.03	
12/8/97	5,172	502	No	141	53	No	591	81	Yes	0.03	
12/15/97	697	590	No	20	39	No	164	226	Yes	0.03	
12/22/97	1,211	972	Yes	328	78	No	238	285	Yes	0.27	
12/29/97	2,755	1,301	Yes	109	63	No	178	247	Yes	0.04	
1/5/98	1,467	1,775	Yes	10	63	No	42	177	Yes	0.01	
1/12/98	3,076	1,600	Yes	20	43	No	64	113	Yes	0.01	
1/20/98	512	1,504	Yes	10	37	No	150	111	Yes	0.02	
1/27/98	1,989	1,661	Yes	148	32	No	831	143	Yes	0.07	
2/2/98	3,448	1,738	Yes	201	36	No	364	165	Yes	0.06	
2/9/98	30,000	3,178	Yes	20	41	Yes	87	191	Yes	0.00	
2/17/98	1,090	2,582	Yes	20	41	No	178	234	Yes	0.02	
2/23/98	30,000	5,829	Yes	907	102	No	831	330	Yes	0.03	
3/2/98	8,664	7,823	Yes	20	68	No	20	156	Yes	0.00	
3/9/98	3,654	7,915	Yes	1	24	No	31	96	Yes	0.00	
3/16/98	933	3,954	Yes	31	26	No	20	71	Yes	0.03	
3/23/98	2,247	4,569	Yes	74	33	No	164	70	Yes	0.03	
3/30/98	7,170	3,432	Yes	86	21	No	31	36	Yes	0.01	
4/6/98	663	2,052	Yes	41	24	No	53	44	Yes	0.06	
4/13/98	2,909	1,961	Yes	41	51	No	87	54	Yes	0.01	
4/20/98	708	1,856	Yes	41	54	No	10	47	Yes	0.06	
4/27/98	121	1,034	Yes	1	23	No	31	34	No	0.01	

Refugio 078

5/4/98	1,233	727	Yes	73	22	No	31	34	No	0.06
5/11/98	836	762	Yes	10	17	No	31	30	No	0.01
5/18/98	171	432	No	20	14	No	124	33	No	0.12
5/26/98	1,401	496	Yes	85	17	No	20	37	Yes	0.06
6/1/98	359	616	Yes	31	33	No	10	30	No	0.09
6/8/98	14,136	1,003	Yes	10	22	No	64	35	Yes	0.00
6/15/98	839	1,004	Yes	171	39	No	306	55	Yes	0.20
6/22/98	5,172	1,985	Yes	1,497	92	No	885	81	Yes	0.29
6/29/98	288	1,447	Yes	1	38	No	10	70	Yes	0.00
7/6/98	345	1,435	Yes	41	40	No	1	44	Yes	0.12
7/13/98	2,105	981	Yes	201	73	No	42	41	Yes	0.10
7/20/98	24,192	1,921	Yes	121	68	No	453	44	Yes	0.01
7/22/98	278	1,071	Yes	10	25	No	10	18	No	0.04
7/27/98	313	1,089	Yes	201	73	No	111	29	No	0.64
8/3/98	12,033	2,215	Yes	158	95	No	192	83	Yes	0.01
8/5/98	5,475	2,682	Yes	281	102	No	31	79	Yes	0.05
8/10/98	6,131	2,038	Yes	116	101	No	42	49	Yes	0.02
8/17/98	8,664	4,054	Yes	155	174	No	64	71	Yes	0.02
8/24/98	12,997	8,542	Yes	85	147	No	53	61	Yes	0.01
8/31/98	2,481	6,229	Yes	98	133	No	20	39	Yes	0.04
9/8/98	5,173	6,159	Yes	323	137	No	75	46	Yes	0.06
9/14/98	934	4,227	Yes	122	138	No	53	49	Yes	0.13
9/21/98	2,489	3,294	Yes	20	92	No	20	38	Yes	0.01
9/28/98	10	785	Yes	10	60	No	42	37	Yes	1.00
10/5/98	1,112	669	Yes	97	60	No	111	52	Yes	0.09
10/12/98	2,063	556	Yes	30	37	No	75	52	Yes	0.01
10/19/98	4,611	766	Yes	169	40	No	3,000	116	Yes	0.04
10/26/98	723	598	Yes	173	61	No	53	141	Yes	0.24
11/2/98	10	598	Yes	10	61	No	1	67	Yes	1.00
11/9/98	3,255	741	Yes	10	39	No	323	83	Yes	0.00
11/16/98	10	255	Yes	10	31	No	10	55	Yes	1.00
11/23/98	41	99	No	10	18	No	51	24	No	0.24
11/30/98	7,270	158	Yes	52	14	No	109	28	No	0.01
12/7/98	557	352	Yes	10	14	No	52	62	Yes	0.02
12/14/98	479	240	No	74	21	No	73	46	Yes	0.15

Refugio 078

	12/21/98	85	368	No		52	29	No		31	58	Yes		0.61		
	12/28/98	3,076	873	No		1,187	75	No		1,421	113	Yes		0.39		
	1/4/99	96	367	No		20	62	No		73	104	No		0.21	No	
	1/11/99	203	300	No		52	86	No		63	108	No		0.26	No	
	1/19/99	379	287	No		74	86	No		318	145	Yes		0.20	No	
	1/25/99	1,374	500	No		146	106	No		31	145	No		0.11	Yes	
	2/1/99	373	328	No		41	54	No		52	75	No		0.11	No	
	2/8/99	455	447	No		20	54	No		20	58	No		0.04	No	
	2/16/99	134	412	No		74	58	No		10	40	No		0.55	No	
	2/22/99	203	363	No		20	45	No		3	16	No		0.10	No	
	3/1/99	30	169	No		3	21	No		3	10	No		0.10	No	
	3/8/99	583	185	No		313	31	No		246	13	No		0.54	No	
	3/15/99	30,000	427	Yes		15,531	117	Yes		30,000	58	Yes		0.52	Yes	
	3/17/99	6,867	939	No		368	161	No		160	101	Yes		0.05	No	
	3/22/99	933	1,274	No		3	110	No		10	129	No		0.00	No	
	3/29/99	1,187	2,659	No		63	202	No		134	275	Yes		0.05	No	closed
	4/5/99	110	1,905	No		3	80	No		3	114	No		0.03	No	
	4/12/99	14,136	1,639	Yes		243	35	No		121	38	Yes		0.02	No	
	Re4/14/99	6,131	1,602	No		146	29	No		122	36	Yes		0.02	No	
	4/19/99	1,081	1,650	No		10	37	No		3	28	No		0.01	No	
	4/26/99	213	1,170	No		20	29	No		10	17	No		0.09	No	
	5/3/99	175	1,284	No		110	60	No		10	21	No		0.63	No	
	5/10/99	865	734	No		324	64	No		85	20	No		0.37	No	
	5/17/99	789	487	No		31	47	No		30	15	No		0.04	No	
	5/24/99	650	440	No		3	37	No		10	19	No		0.00	No	
	6/1/99	576	537	No		3	25	No		20	22	No		0.01	No	
	6/7/99	733	715	No		10	16	No		20	25	No		0.01	No	
	6/14/99	135	493	No		10	8	No		3	13	No		0.07	No	
	6/22/99	24,192	978	Yes		199	11	No		86	16	No		0.01	No	
	6/28/99	663	982	No		20	16	No		10	16	No		0.03	No	
	7/6/99	906	1,075	No		10	21	No		30	17	No		0.01	No	
	7/12/99	15,531	1,980	Yes		110	34	No		3	12	No		0.01	No	
	7/19/99	24,192	5,590	Yes		419	71	No		52	21	No		0.02	No	
	7/26/99	3	925	No		3	31	No		20	16	No		1.00	No	
	8/2/99	857	974	No		3	21	No		10	16	No		0.00	No	

Refugio 078

	8/9/99	10	395	No		3	17	No		3	10	No		0.30	No	
	8/16/99	1,670	253	No		74	15	No		10	13	No		0.04	No	
	8/23/99	86	82	No		31	9	No		3	7	No		0.36	No	
	8/30/99	2,064	303	No		216	21	No		20	7	No		0.10	Yes	
	9/7/99	30	155	No		10	27	No		10	7	No		0.33	No	
	9/13/99	30	193	No		10	35	No		3	7	No		0.33	No	
	9/20/99	98	109	No		52	32	No		10	7	No		0.53	No	
	9/27/99	158	124	No		31	32	No		74	13	No		0.20	No	
	10/4/99	3	33	No		3	14	No		10	12	No		1.00	No	
	10/11/99	41	36	No		20	16	No		10	12	No		0.49	No	
	10/18/99	3	22	No		3	12	No		3	12	No		1.00	No	
	10/25/99	15,531	62	Yes		14,136	38	Yes		670	27	Yes		0.91	Yes	
	11/1/99	10	36	No		3	24	No		3	14	No		0.30	No	
	11/8/99	3,448	146	No		657	70	No		298	28	Yes		0.19	Yes	
	11/15/99	605	250	No		20	70	No		31	35	No		0.03	No	
	11/22/99	3	250	No		3	70	No		3	35	No		1.00	No	
25yd E	11/29/99	613	131	No		63	24	No		218	28	Yes		0.10	No	
	Re-12/1/99	98	207	No		41	40	No		41	48	No		0.42	No	
	12/6/99	3	50	No		3	14	No		3	19	No		1.00	No	
	12/13/99	175	39	No		10	12	No		10	15	No		0.06	No	
	12/20/99	10	50	No		3	12	No		3	15	No		0.30	No	
	12/27/99	52	31	No		41	11	No		20	9	No		0.79	No	
	1/3/00	455	42	No		10	8	No		20	8	No		0.02	No	55
	1/10/00	3	42	No		3	8	No		3	8	No		1.00	No	
	1/18/00	1,430	63	No		1,100	21	Yes		1,333	22	Yes		0.77	No	
	1/24/00	187	114	No		20	31	No		3	22	No		0.11	No	
	1/31/00	74	122	No		31	29	No		10	19	No		0.42	No	
	2/14/00	3,873	187	No		201	53	No		857	40	Yes		0.05	No	
	2/22/00	3,300	760	No		107	108	No		142	87	Yes		0.03	No	
	2/28/00	1,835	798	No		213	78	No		2,489	98	Yes		0.12	No	
	RE-3/1/00	295	875	No		3	53	No		3	98	No		0.01	No	
	3/6/00	30,000	2,907	Yes		727	100	Yes		538	218	Yes		0.02	No	
	re-03/08/2000	30,000	4,378	Yes		862	134	Yes		738	211	Yes		0.03	No	
	3/13/00	135	2,451	no		41	110	no		20	143	no		0.30	No	
	3/20/00	52	1,227	No		3	61	No		3	75	No		0.06	No	

Refugio 078

	3/27/00	74	719	No		3	30	No		10	30	No		0.04	No
	4/3/00	63	556	No		3	30	No		3	30	No		0.05	No
	4/10/00	135	85	No		10	6	No		30	9	No		0.07	No
	4/17/00	30,000	250	Yes		2,400	15	Yes		1968	22	Yes		0.08	No
	re-04/19/2000	30,000	893	Yes		888	45	Yes		771	67	Yes		0.03	No
	4/24/00	422	1264	No		20	66	No		31	84	No		0.05	No
	5/1/00	238	1649	No		10	84	No		3	84	No		0.04	No
	5/8/00	663	2267	No		10	84	No		218	125	Yes		0.02	No
	05/10/2000-re	556	1021	No		41	37	No		3	34	No		0.07	No
	5/15/00	146	352	No		3	12	No		31	18	No		0.02	No
	5/22/00	146	285	No		10	10	No		20	16	No		0.07	No
	5/30/00	2,382	451	No		143	18	No		2224	62	Yes		0.06	No
	6/5/00	733	460	No		20	20	No		10	33	No		0.03	No
	6/12/00	8,164	788	No		855	37	Yes		31	53	No		0.10	Yes
	re-06/14/2000	24,196	2190	Yes		708	112	Yes		41	56	No		0.03	No
	6/19/00	1,918	3665	No		109	180	No		41	65	No		0.06	No
	6/26/00	1,333	3264	No		187	190	No		20	25	No		0.14	Yes
	re-06/28/2000	231	2591	No		20	190	No		135	43	Yes		0.09	No
	7/5/00	3,654	2206	No		240	147	No		20	39	No		0.07	No
	7/10/00	1,785	1310	No		278	122	No		41	39	No		0.16	Yes
	7/12/00	512	1006	No		173	134	No		10	29	No		0.34	No
	7/17/00	717	888	No		74	111	No		3	20	No		0.10	No
	7/24/00	292	931	No		110	157	No		3	9	No		0.38	No
	7/31/00	259	548	No		148	142	No		41	11	No		0.57	No
	8/7/00	4,352	655	No		272	141	No		10	8	No		0.06	No
	8/14/00	31	374	No		20	92	No		3	6	No		0.65	No
	8/21/00	85	244	No		20	71	No		20	9	No		0.24	No
	8/28/00	74	186	No		20	50	No		3	9	No		0.27	No
	9/5/00	98	153	No		74	44	No		3	6	No		0.76	No
	9/11/00	3	36	No		3	18	No		10	6	No		1.00	No
	9/18/00	246	54	No		3	12	No		20	8	No		0.01	No
	9/25/00	512	77	No		10	11	No		3	6	No		0.02	No
	10/2/00	1,086	132	No		10	9	No		30	9	No		0.01	No
	10/9/00	84	122	No		3	8	No		3	7	No		0.04	No
	10/16/00	96	122	No		30	7	No		20	10	No		0.31	No

Refugio 078

	10/23/00	63	203	No		3	7	No		121	15	Yes		0.05	No
	10/25/2000re	1,211	264	No		97	12	No		862	29	Yes		0.08	No
	10/30/00	63	187	No		3	10	No		20	39	No		0.05	No
	11/6/00	350	154	No		110	14	No		73	46	No		0.31	No
	11/13/00	414	201	No		345	32	No		620	111	Yes		0.83	No
	re-11/15/2000	20	155	No		10	26	No		10	99	No		0.50	No
	11/20/00	3	93	No		3	26	No		20	73	No		1.00	No
	11/27/00	52	55	No		41	23	No		10	35	No		0.79	No
	12/4/00	355	74	No		10	28	No		52	41	No		0.03	No
	12/11/00	2,382	101	No		146	29	No		146	46	Yes		0.06	No
	12/13/2000re	794	113	No		573	32	Yes		414	43	Yes		0.72	No
	12/18/00	20	113	No		3	26	No		3	35	No		0.15	No
	12/26/00	10	138	No		10	32	No		3	26	No		1.00	No
	1/2/01	41	133	No		3	21	No		3	21	No		0.07	No
	1/8/01	10	73	No		10	21	No		3	13	No		1.00	No
	1/16/01	1,162	65	No		31	16	No		41	11	No		0.03	No
	1/22/01	891	66	No		41	10	No		74	8	No		0.05	No
	1/29/01	657	119	No		31	15	No		20	11	No		0.05	No
	2/5/01	1,046	258	No		31	18	No		109	20	Yes		0.03	No
	2/7/2001re	1,234	454	No		158	35	No		134	37	Yes		0.13	Yes
	2/12/01	9,804	1432	No		464	67	Yes		576	89	Yes		0.05	No
	2/20/01	3,448	1716	No		145	86	No		437	133	Yes		0.04	No
	2/22/01	2,014	1966	No		20	77	No		31	115	No		0.01	No
	2/26/01	487	1870	No		31	77	No		10	102	No		0.06	No
	3/8/01	30,000	3272	No		336	114	No		556	134	Yes		0.01	No
	3/12/01	3,448	3883	No		10	72	No		41	110	No		0.00	No
	3/19/01	30,000	4679	Yes		3,448	101	Yes		8164	171	Yes		0.11	Yes
	3/21/01	1,333	3994	No		20	72	No		134	141	Yes		0.02	No
west of cr	3/26/01	932	3512	No		52	85	No		52	153	No		0.06	No
east of creek		605	3642	No		52	93	No		85	219	No		0.09	No
	4/2/01	52	1262	No		3	42	No		3	92	No		0.06	No
	4/9/01	771	983	No		20	47	No		10	72	No		0.03	No
	4/16/01	727	529	No		86	26	No		20	27	No		0.12	No
	4/23/01	228	394	No		10	23	No		10	17	No		0.04	No

# ARROYO QUEMADA BEACH

## at QUEMADO CREEK

Fac ID #012743

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
	3/24/97	20,050			6,590			NA			0.33	
	3/31/97	20,050			2,880			2,010			0.14	
	4/7/97	1,920			420			2,010			0.22	
	4/14/97	20,100			16,520			2,010			0.82	
	4/21/97	1,070	6,983	Yes	530	2,338		2,010	2,010		0.50	
	4/28/97	7,380	5,718	Yes	3,240	2,028		2,010	2,010		0.44	
	5/5/97	5,310	4,383	Yes	990	1,638		2,010	2,010		0.19	
	5/13/97	20,100	7,011	Yes	11,840	3,194		2,010	2,010		0.59	
	5/19/97	20,100	7,011	Yes	10,910	2,940		2,010	2,010		0.54	
	5/27/97	20,100	12,605	Yes	6,240	4,814		2,010	2,010		0.31	
	5/29/97	20,050	15,394	Yes	5,600	5,371		2,010	2,010		0.28	
	6/2/97	4,060	14,590	Yes	200	3,900		2,010	2,010		0.05	
	6/5/97	7,820	12,079	Yes	420	2,000		271	1,346		0.05	
	6/9/97	1,467	7,156	Yes	226	921		1,184	1,211		0.15	
	6/11/97	8,310	5,998	Yes	3,640	827		2,005	1,211		0.44	
	6/16/97	3,640	4,264	Yes	420	493		2,005	1,210		0.12	
	6/20/97	18,520	5,776	Yes	1,640	750		2,005	1,209		0.09	
	6/23/97	530	3,371	Yes	200	647		124	1,034		0.38	
	6/30/97	3,440	3,998	Yes	1,500	945		2,010	1,150		0.44	
	7/7/97	420	2,201	Yes	10	290		42	531		0.02	
	7/14/97	5,040	2,349	Yes	530	304		1,652	511		0.11	
	7/21/97	10	522	Yes	10	110		20	203		1.00	
	7/28/97	7,820	893	Yes	5,040	209		2,010	355		0.64	
	8/4/97	750	659	Yes	10	77		560	275		0.01	



Arroyo Quemado 084

	8/11/97	3,440	1,003	Yes		420	162			1,298	545			0.12
	8/18/97	10	289	Yes		10	73			1	124			1.00
	8/25/97	4,290	972	Yes		1,240	192			2,010	312			0.29
	9/2/97	4,780	880	Yes		2,070	161			2,010	312			0.43
	9/8/97	2,540	1,124	Yes		420	340			200	254			0.17
	9/15/97	870	854	Yes		200	293			1,091	245			0.23
	9/22/97	1,500	2,325	Yes		420	619			1,652	1,078			0.28
	9/29/97	3,060	2,173	Yes		640	542			2,010	1,078			0.21
	10/6/97	750	1,501	Yes		10	187			254	713			0.01
	10/13/97	530	1,097	Yes		100	140			1,298	1,036			0.19
	10/20/97	1,100	1,149	Yes		100	122			2,010	1,171			0.09
	10/27/97	870	1,031	Yes		10	58	No		344	855	Yes		0.01
	11/3/97	2,710	1,006	Yes		750	60	No		2,010	855	Yes		0.28
	11/10/97	8,310	1,628	Yes		1,500	162	No		2,010	1,294	Yes		0.18
	11/12/97	16,520	3,238	Yes		4,060	340	Yes		2,010	1,412	Yes		0.25
	11/17/97	6,240	4,582	Yes		310	427	Yes		1,184	1,270	Yes		0.05
	11/24/97	2,540	5,677	Yes		530	944	Yes		624	1,431	Yes		0.21
	12/1/97	200	3,371	Yes		10	398	Yes		87	764	Yes		0.05
	12/8/97	8,664	3,399	Yes		130	244	Yes		624	604	Yes		0.02
	12/15/97	5,172	2,695	Yes		1,169	190	No		2,010	604	Yes		0.23
	12/22/97	482	1,615	Yes		94	150	No		238	438	Yes		0.20
	12/29/97	7,270	1,992	Yes		1,789	191	No		2,010	554	Yes		0.25
	1/5/98	295	2,154	Yes		20	220	Yes		75	538	Yes		0.07
	1/12/98	565	1,247	Yes		30	164	No		453	504	Yes		0.05
	1/20/98	399	747	No		95	99	No		164	306	Yes		0.24
	1/27/98	738	814	No		121	104	No		1,013	408	Yes		0.16
	2/2/98	1,956	626	No		41	49	No		1,184	367	Yes		0.02
	2/9/98	19,863	1,452	Yes		216	79	Yes		364	504	Yes		0.01
		not sampled												
	6/1/98	19,863	19,863	Yes		4,106	942	Yes		3,000	1,045	Yes		0.21
	6/8/98	30,000	24,411	Yes		19,683	8,990	Yes		3,000	3,000	Yes		0.66
	6/3/98	19,863	22,790	Yes		2,282	5,692	Yes		3,000	3,000	Yes		0.11
	6/15/98	1,650	11,822	Yes		187	2,423	Yes		3,000	3,000	Yes		0.11

Arroyo Quemado 084

	7/20/98	30,000	14,242	Yes		19,863	3,691	Yes		3,000	3,000	Yes		0.66	
	7/22/98	2,613	9,493	Yes		583	2,498	Yes		831	2,321	Yes		0.22	
	7/27/98	not sampled													
	8/3/98	988	3,362	Yes		457	997	Yes		124	981	Yes		0.46	
	8/10/98	7,701	4,942	Yes		634	1,353	Yes		2,005	887	Yes		0.08	
	8/17/98	9,208	3,678	Yes		712	589	Yes		1,445	739	Yes		0.08	
	8/24/98	4,106	4,118	Yes		419	542	Yes		1,298	826	Yes		0.10	
	8/31/98	2,755	3,800	Yes		243	462	Yes		831	827	Yes		0.09	
	9/8/98	not sampled												#VALUE!	
	9/14/98	6,867	5,172	Yes		1,421	567	Yes		3,000	1,471	Yes		0.21	
	9/21/98	612	2,626	Yes		63	309	Yes		207	905	Yes		0.10	
	9/28/98	457	1,517	Yes		85	207	Yes		137	516	Yes		0.19	
	10/5/98	4,884	1,750	Yes		959	292	Yes		3,000	711	Yes		0.20	
	10/12/98	9,804	2,470	Yes		1,354	397	Yes		3,000	948	Yes		0.14	
	10/19/98	15,531	2,908	Yes		683	343	Yes		3,000	948	Yes		0.04	
	10/26/98	1,178	3,315	Yes		571	533	Yes		478	1,121	Yes		0.48	
	11/2/98	5,172	5,386	Yes		5,172	1,212	Yes		1,624	1,838	Yes		1.00	
	11/9/98	798	3,749	Yes		213	897	Yes		209	1,079	Yes		0.27	
	11/16/98	1,935	2,710	Yes		213	620	Yes		3,448	1,109	Yes		0.11	
	11/23/98	373	1,285	Yes		74	397	Yes		64	514	Yes		0.20	
	11/30/98	30,000	2,456	Yes		11,199	721	Yes		30,000	1,176	Yes		0.37	
	12/7/98	9,804	2,791	Yes		1,500	563	Yes		6,131	1,534	Yes		0.15	
	12/14/98	1,017	2,930	Yes		135	514	Yes		336	1,686	Yes		0.13	
	12/21/98	24,192	4,856	Yes		19,863	1,272	Yes		2,247	1,548	Yes		0.82	
	12/28/98	24,192	11,185	Yes		17,329	3,789	Yes		12,997	4,480	Yes		0.72	
	1/4/99	2,382	6,739	No		146	1,590	No		1,198	2,353	Yes		0.06	No
	1/11/99	988	4,259	No		278	1,135	No		609	1,482	Yes		0.28	No
	1/19/99	2,481	5,090	No		538	1,497	No		1,793	2,072	Yes		0.22	Yes
	1/25/99	8,664	4,145	No		1,296	867	Yes		8,664	2,714	Yes		0.15	Yes
	2/1/99	2,755	2,684	No		309	388	No		1,017	1,631	Yes		0.11	Yes
	2/8/99	4,352	3,028	No		422	479	No		537	1,389	Yes		0.10	No
	2/16/99	24,192	5,741	Yes		240	465	No		697	1,427	Yes		0.01	No
	2/22/99	231	3,571	No		31	263	No		20	581	No		0.13	No
	3/1/99	86	1,419	No		41	132	No		161	262	Yes		0.48	No
	3/8/99	15,531	2,006	Yes		1,968	191	Yes		8,164	397	Yes		0.13	Yes

Arroyo Quemado 084

	Re3/10/99	10,462	2,391	Yes		3,076	284	Yes		4,611	610	Yes		0.29	Yes
	3/15/99	30,000	2,496	Yes		4,106	501	Yes		30,000	1,295	Yes		0.14	Yes
	3/22/99	1,607	3,679	No		199	727	No		216	2,084	Yes		0.12	Yes
	3/29/99	10,462	9,610	Yes		1,515	1,496	Yes		10,462	4,802	Yes		0.14	Yes
	4/5/99	63	3,194	No		3	409	No		20	1,443	No		0.05	No
	4/12/99	10,462	3,194	Yes		441	277	Yes		520	932	Yes		0.04	No
	4/19/99	20	740	No		3	65	No		3	148	No		0.15	No
	4/26/99	465	577	No		265	69	No		156	138	Yes		0.57	No
	5/3/99	3,255	457	No		422	54	Yes		1,201	90	Yes		0.13	Yes
	5/10/99	7,270	1,182	No		1,850	194	Yes		2,189	230	Yes		0.25	Yes
	5/17/99	4,611	1,003	No		2,613	277	Yes		4,106	347	Yes		0.57	Yes
	5/24/99	882	2,139	No		399	736	Yes		145	754	Yes		0.45	No
	6/1/99	933	2,458	No		86	588	No		364	894	Yes		0.09	No
	6/7/99	7,701	2,920	No		1,198	724	Yes		2,755	1,055	Yes		0.16	Yes
	6/14/99	3,076	2,459	No		911	628	Yes		1,483	976	Yes		0.30	Yes
	6/22/99	24,192	3,425	Yes		2,755	635	Yes		24,192	1,391	Yes		0.11	Yes
	6/28/99	1,439	3,778	No		318	607	No		638	1,871	Yes		0.22	Yes
	7/6/99	195	2,762	No		41	523	No		73	1,357	No		0.21	No
	7/12/99	41	969	No		20	231	No		3	347	No		0.49	No
	7/19/99	5,172	1,076	No		10	94	No		213	235	Yes		0.00	No
	7/26/99	30	282	No		3	24	No		10	50	No		0.10	No
	8/2/99	399	218	No		20	14	No		63	31	No		0.05	No
	8/9/99	52	168	No		3	8	No		10	21	No		0.06	No
	8/16/99	3	99	No		3	6	No		3	21	No		1.00	No
	8/23/99	960	71	No		441	12	Yes		228	21	Yes		0.46	No
	re-08/25/1999	4,106	190	No		1,720	42	Yes		8,164	81	Yes		0.42	No
	8/30/99	359	211	No		63	45	No		160	91	Yes		0.18	No
	9/7/99	148	179	No		20	45	No		31	81	No		0.14	No
	9/13/99	63	185	No		10	55	No		20	91	No		0.16	No
	9/20/99	31	272	No		10	68	No		31	134	No		0.32	No
	9/27/99	135	107	No		20	19	No		98	50	No		0.15	No
	10/4/99	20	60	No		10	13	No		20	33	No		0.50	No
	10/11/99	not sampled													
	10/18/99	17,329	195	Yes		52	18	No		1,565	99	Yes		0.00	No
	10/25/99	262	333	No		74	30	No		121	139	Yes		0.28	No

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	11/1/99	3,654	759	No		548	68	Yes		6,488	396	Yes		0.15	Yes
	re-11/03/1999	1,785	2,333	No		173	138	No		4,190	1,506	Yes		0.10	Yes
	11/8/99	3,076	2,465	No		2,909	254	Yes		3,076	1,737	Yes		0.95	Yes
	11/15/99	395	1,817	No		86	212	No		97	1,074	No		0.22	No
	11/22/99	1,785	1,244	No		689	326	Yes		408	859	Yes		0.39	Yes
	11/29/99	8,664	2,229	No		1,223	521	Yes		4,888	1,590	Yes		0.14	Yes
	Re-12/1/99	12,997	3,003	Yes		2,755	897	Yes		5,475	1,266	Yes		0.21	Yes
	12/6/99	5,475	3,370	No		1,313	765	Yes		1,918	1,152	Yes		0.24	Yes
	Re-12/8/99	2,142	4,726	No		41	660	No		187	1,314	Yes		0.02	No
	12/13/99	185	3,003	No		62	408	No		41	830	No		0.34	No
	12/20/99	4,106	2,587	No		910	384	Yes		749	570	Yes		0.22	Yes
	Re-12/22/99	6,131	2,226	No		714	293	Yes		5,475	570	Yes		0.12	Yes
	12/27/99	1,553	1,730	No		189	199	No		408	418	Yes		0.12	Yes
	1/3/00	862	1,442	No		155	260	No		441	497	Yes		0.18	Yes
	re-01/05/2000	173	1,423	No		63	260	No		31	470	No		0.36	No
	1/10/00	1,336	1,408	No		1,169	335	Yes		932	527	Yes		0.88	Yes
	Re-1/12/00	20	580	No		3	129	No		3	210	No		0.15	Yes
	1/18/00	228	335	No		41	80	No		97	107	No		0.18	Yes
	1/24/00	31	174	No		3	40	No		10	58	No		0.10	No
	1/31/00	31	90	No		10	21	No		10	31	No		0.32	No
	2/7/00	20	39	No		10	8	No		10	12	No		0.50	No
	2/14/00	24,192	160	Yes		2,282	31	Yes		9,804	62	Yes		0.09	No
	2/22/00	2,909	267	No		132	39	No		309	79	Yes		0.05	No
	2/28/00	24,192	1,011	Yes		1,956	143	Yes		24,192	374	Yes		0.08	No
	RE-3/1/00	12,033	3,330	Yes		1,039	361	Yes		1,092	956	Yes		0.09	No
	3/6/00	6867	10,706	no		292	709	No		801	2,298	Yes		0.04	No
	re-03/08/2000	17329	10,015	no		8164	914	Yes		8164	2,216	Yes		0.47	No
	3/13/00	4106	8,632	No		754	886	Yes		2603	2,276	Yes		0.18	yes
	re-03/15/2000	15531	11,412	Yes		5794	1,663	Yes		14136	4,304	Yes		0.37	yes
	3/20/00	Not sampled													
	re-03/22/2000	265	5,378	No		10	690	No		41	1,486	No		0.04	No
	3/27/00	2,613	4170	No		253	545	No		480	1296	Yes		0.097	No
	RE-03/29/2000	798	2039	No		134	272	No		388	776	Yes		0.168	Yes
	4/3/00	10,462	1551	Yes		135	82	No		631	263	Yes		0.01	No
	RE04/05/2000	857	1377	No		160	94	No		315	273	Yes		0.19	No

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	4/10/00	14,136	3051	Yes		2,481	283	Yes		2247	608	Yes		0.18	Yes
	Re-04/12/2000	186	1798	No		317	296	No		1178	728	Yes		1.70	No
	4/17/00	30,000	3715	Yes		19,863	805	Yes		24192	1663	Yes		0.66	Yes
	re-04/19/2000	3,873	3045	No		909	1178	Yes		816	1751	Yes		0.23	Yes
	4/24/00	9,804	4958	No		912	1669	Yes		6488	3207	Yes		0.09	No
	re-04/26/2000	19,863	5307	Yes		6,131	2000	Yes		3873	3575	Yes		0.31	Yes
	5/1/00	4,352	9969	No		528	2215	Yes		860	3357	Yes		0.12	Yes
	re-05/03/2000	30,000	9969	Yes		15,531	2109	Yes		30000	3505	Yes		0.52	Yes
	5/8/00	203	5528	No		74	1277	No		41	1927	No		0.36	No
	5/15/00	487	3032	No		148	888	No		63	763	No		0.30	No
	5/22/00	354	1355	No		63	355	No		132	388	Yes		0.18	No
	re-05/24/2000	798	965	No		223	299	No		295	313	Yes		0.28	No
	5/30/00	932	482	No		389	143	No		98	100	No		0.42	No
	6/5/00	243	500	No		30	119	No		10	75	No		0.12	No
	6/12/00	663	532	No		41	92	No		187	93	Yes		0.06	No
	re-06/14/2000	1,850	740	No		985	160	Yes		717	131	Yes		0.53	Yes
	6/19/00	379	637	No		84	132	No		74	99	No		0.22	No
	6/26/00	776	615	No		52	88	No		213	116	Yes		0.07	No
	re-06/28/2000	7,270	1213	No		1,019	178	Yes		226	217	Yes		0.14	Yes
	7/5/00	581	1181	No		41	178	No		41	160	No		0.07	No
	7/10/00	1,670	1157	No		30	89	No		161	119	Yes		0.02	No
	7/12/00	571	1256	No		62	83	No		74	119	No		0.11	No
	7/17/00	860	1282	No		10	60	No		148	110	Yes		0.01	No
	re7/19/2000	250	653	No		10	24	No		85	91	No		0.04	No
	7/24/00	1,515	791	No		148	31	No		278	133	Yes		0.10	No
	re-7/26/2000	17,329	1264	Yes		3,654	80	Yes		3255	243	Yes		0.21	Yes
	7/31/00	598	1275	No		86	86	No		121	268	Yes		0.14	No
	re-8/2/2000	2,282	1550	No		1,223	224	Yes		933	387	Yes		0.54	Yes
	8/7/00	5,794	2907	No		1,597	619	Yes		173	446	Yes		0.28	Yes
	re-8/9/2000	1,607	2941	No		744	855	Yes		624	524	Yes		0.46	Yes
	8/14/00	145	1130	No		52	365	No		3	130	No		0.36	No
	8/21/00	7,701	1884	No		1,872	676	Yes		364	162	Yes		0.24	Yes
	re-8/23/2000	20	730	No		20	297	No		10	65	No		1.00	No
	8/28/00	not sampled; access not available													
	9/5/00	98	216	No		31	88	No		10	18	No		0.32	No

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	9/11/00	1,624	396	No		285	135	No		1500	86	Yes		0.18	Yes
	re-9/13/2000	6,867	385	No		4,611	169	Yes		3873	155	Yes		0.67	Yes
	9/18/00	218	699	No		63	225	No		74	256	No		0.29	No
	9/25/00	504	654	No		52	168	No		109	216	Yes		0.10	No
	re-9/28/2000	4,106	1381	No		408	281	Yes		1014	544	Yes		0.10	Yes
	10/2/00	19,863	2279	Yes		6,131	519	Yes		12997	837	Yes		0.31	Yes
	re-10/4/2000	4,611	2105	No		650	351	Yes		6131	918	Yes		0.14	Yes
	10/9/00	187	1406	No		10	194	No		31	522	No		0.05	No
	10/16/00	959	1800	No		882	301	Yes		537	726	Yes		0.92	No
	re-10/18/2000	1,565	2174	No		295	402	No		110	727	Yes		0.19	Yes
	10/23/00	158	1263	No		73	302	No		74	470	No		0.46	No
	10/30/00	1,396	811	No		233	175	No		98	208	No		0.17	No
	11/6/00	285	510	No		63	119	No		185	116	Yes		0.22	No
	re-11/8/2000	395	578	No		74	166	No		121	146	Yes		0.19	No
	11/13/00	41	342	No		20	88	No		20	84	No		0.49	No
	11/20/00	529	285	No		161	80	No		546	110	Yes		0.30	No
	11/27/00	30,000	684	Yes		15,531	195	Yes		14,136	264	Yes		0.52	Yes
	12/4/00	9,208	936	No		41	146	No		934	384	Yes		0.00	No
	12/11/00	292	940	No		259	184	No		41	299	No		0.89	No
	12/18/00	7,270	1528	No		3,076	343	Yes		1296	444	Yes		0.42	Yes
	12/26/00	4,106	3292	No		414	569	Yes		3448	1047	Yes		0.10	Yes
	12/28/2000-re	4,352	4678	No		754	736	Yes		4884	1509	Yes		0.17	Yes
	1/2/01	281	2148	No		20	243	No		110	672	Yes		0.07	No
	1/4/2001-re	30,000	2615	Yes		30,000	728	Yes		88164	1434	Yes		1.00	Yes
	1/8/01	30,000	5659	Yes		3,873	1143	Yes		30000	4303	Yes		0.13	Yes
	1/16/01	479	3597	No		41	557	No		31	2310	No		0.09	No
	1/22/01	1,789	3132	No		74	418	No		213	1452	Yes		0.04	No
	1/24/2001re	3,255	2984	No		443	382	Yes		504	995	Yes		0.14	Yes
	1/29/01	884	3612	No		41	431	No		62	904	No		0.05	No
	2/5/01	2,282	2351	No		173	182	No		373	364	Yes		0.08	No
	2/7/2001re	934	1319	No		185	110	No		132	147	Yes		0.20	No
	2/12/01	5,475	1979	No		74	121	No		315	217	Yes		0.01	No
	2/20/01	3,282	2190	No		85	124	No		318	232	Yes		0.03	No
	2/22/01	1,019	1804	No		63	90	No		52	159	No		0.06	No
	2/26/01	727	1746	No		74	99	No		538	227	Yes		0.10	No

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	2/28/01	2,987	1827	No		402	114	Yes		1153	274	Yes		0.13	Yes
	3/8/01	30,000	3257	Yes		1,333	158	Yes		2909	459	Yes		0.04	No
	3/12/01	7,270	3414	No		132	174	No		1670	607	Yes		0.02	No
	3/14/01	30,000	4937	Yes		7,270	366	Yes		24192	1249	Yes		0.24	Yes
	3/19/01	1,989	5519	No		121	408	No		298	1670	Yes		0.06	No
	3/21/01	4,352	7437	No		609	580	Yes		3873	2321	Yes		0.14	Yes
	3/26/01	4,352	7918	No		2,613	792	Yes		19863	3730	Yes		0.60	Yes
	3/28/01	2,359	5183	No		292	615	No		1860	3462	Yes		0.12	Yes
	4/2/01	4,352	5055	No		638	618	Yes		2909	3377	Yes		0.15	Yes
	4/4/2001re	4,884	4776	No		594	766	Yes		988	3133	Yes		0.12	Yes
	4/9/01	12,997	4807	Yes		5,794	1003	Yes		5794	3655	Yes		0.45	Yes
	4/11/01	8,164	5339	No		1,616	1181	Yes		3076	3517	Yes		0.20	Yes
	4/16/01	2,143	4744	No		145	729	No		816	2066	Yes		0.07	No
	4/18/01	11,199	6150	Yes		1,421	949	Yes		3654	2312	Yes		0.13	Yes
	4/23/01	14,136	7485	Yes		1,187	1053	Yes		5794	2593	Yes		0.08	No
	4/25/2001re	30,000	10129	Yes		6,867	1583	Yes		19863	4276	Yes		0.23	Yes

GAVIOTA BEACH-Mouth											
Fac ID#012538											
Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total
Gavio	3/10/97	100			10			1			0.10
Beach	3/17/97	310			100			20			0.32
Creek	3/24/97	200			10			NA			0.05
Mouth	3/31/97	10			10			306			1.00
	4/7/97	10	57	No	10	16		1	9		1.00
	4/14/97	420	76	No	10	16		31	21		0.02
	4/21/97	1,780	108	No	100	16		10	18		0.06
	4/28/97	10	60	No	10	16		1	10		1.00
	5/5/97	10	60	No	10	16		1	3		1.00
	5/13/97	20,010	272	Yes	990	40		87	8		0.05
	5/19/97	20,010	590	Yes	4,290	134		31	8		0.21
	5/21/97	10	209	Yes	10	84		87	12		1.00
	5/27/97	420	442	Yes	310	167		10	19		0.74
	6/2/97	100	700	Yes	10	167		10	30		0.10
	6/9/97	3,060	481	Yes	100	106		10	19		0.03
	6/16/97	3,060	330	Yes	100	50		1	10		0.03
	6/23/97	10	330	Yes	10	50		1	4		1.00
	6/30/97	310	311	Yes	10	25		10	4		0.03
	7/7/97	100	311	Yes	10	25		1	3		0.10
	7/14/97	10	99	No	10	16		10	3		1.00
	7/21/97	100	50	No	10	10		1	3		0.10
	7/28/97	10	50	No	10	10		1	3		1.00
	8/4/97	10	25	No	10	10		10	3		1.00
	8/11/97	640	36	No	10	10		124	7		0.02
	8/18/97	10	36	No	10	10		1	4		1.00
	8/25/97	100	36	No	10	10		1	4		0.10



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	9/2/97	10	36	No		10	10			10	7		1.00
	9/8/97	200	66	No		10	10			20	8		0.05
	9/15/97	100	46	No		10	10			1	3		0.10
	9/22/97	100	72	No		10	10			1	3		0.10
	9/29/97	100	72	No		100	16			10	5		1.00
	10/6/97	100	115	No		10	16			1	3		0.10
	10/13/97	10	63	No		10	16			1	2		1.00
	10/20/97	100	63	No		10	16			1	2		0.10
	10/27/97	10	40	No		10	16	No		10	3	No	1.00
	11/3/97	10	25	No		10	10	No		111	4	No	1.00
	11/10/97	100	25	No		10	10	No		10	6	No	0.10
	11/17/97	10,130	100	No		10	10	No		164	18	No	0.00
	11/20/97	3,840	208	Yes		10	10	No		10	28	No	0.00
	11/24/97	10	208	Yes		10	10	No		10	28	No	1.00
	12/1/97	20,050	952	Yes		530	22	No		659	40	Yes	0.03
	12/3/97	160	1,045	Yes		85	34	No		10	40	Yes	0.53
	12/8/97		592										#DIV/0!
	12/15/97	8,164	715	Yes		364	70	No		591	52	Yes	0.04
	12/22/97	259	1,614	Yes		31	87	No		1	33	No	0.12
	12/29/97	313	570	Yes		10	87	No		31	41	Yes	0.03
	1/5/98	393	714	No		20	45	No		1	11	No	0.05
	1/12/98	2,481	916	Yes		314	59	No		137	19	No	0.13
	1/20/98	1,607	662	Yes		63	41	No		64	12	No	0.04
	1/27/98	3,448	1,111	Yes		160	58	No		87	30	No	0.05
	2/2/98	428	1,183	Yes		20	66	No		20	27	No	0.05
	2/9/98	n/a	1,557		n/a		89			n/a	62		#VALUE!
	2/17/98	Road Closed	1,334	Yes	Road Closed		59	Yes		Road Closed	48	Yes	#VALUE!
	2/23/98	Road closed	1,215	n/a	Road closed		57	n/a		Road closed	42	n/a	#VALUE!
	3/2/98	Road closed	428	n/a	Road closed		20	n/a		Road closed	20	n/a	#VALUE!
	3/9/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!
	3/16/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!
	3/23/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!
	3/30/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!
	4/6/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!
	4/13/98	Road closed	#NUM!	n/a	Road closed	#NUM!	n/a			Road closed	#NUM!	n/a	#VALUE!

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	4/20/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	4/27/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	5/4/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	5/11/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	5/18/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	5/26/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	6/1/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	6/8/98	Road closed	#NUM!	n/a		Road closed	#NUM!	n/a		Road closed	#NUM!	n/a	#VALUE!
	6/15/98	345	345	No		31	31	No		1	1	No	0.09
	6/22/98	3,873	1,156	No		199	79	No		75	9	No	0.05
	6/29/98	6,131	2,016	Yes		108	87	No		31	13	No	0.02
	7/6/98	1,112	1,737	Yes		10	51	No		1	7	No	0.01
	7/13/98	857	1,508	Yes		41	49	No		64	11	No	0.05
	7/20/98	1,497	2,023	Yes		388	81	No		178	31	No	0.26
	7/22/98	11,199	2,502	Yes		121	73	No		406	43	Yes	0.01
	7/27/98	9,804	2,748	Yes		132	76	No		306	68	Yes	0.01
	8/3/98	132	1,794	Yes		20	87	No		1	68	Yes	0.15
	8/10/98	2,481	2,219	Yes		41	87	No		42	62	Yes	0.02
	8/17/98	4,106	2,715	Yes		10	42	No		87	54	Yes	0.00
	8/24/98	11,199	2,715	Yes		20	29	No		137	43	Yes	0.00
	8/31/98	110	1,106	Yes		10	17	No		1	14	No	0.09
	9/8/98	30,000	3,275	Yes		185	27	No		137	37	Yes	0.01
	9/14/98	1,076	2,771	Yes		41	27	No		1	17	No	0.04
	9/21/98	2,142	2,433	Yes		52	38	No		20	13	No	0.02
	9/28/98	30	744	Yes		20	38	No		1	5	No	0.67
	10/5/98	10	461	Yes		10	38	No		1	5	No	1.00
	10/12/98	393	194	Yes		10	21	No		1	2	No	0.03
	10/19/98	1,106	195	Yes		97	25	No		53	4	No	0.09
	10/26/98	278	129	No		10	18	No		10	4	No	0.04
	11/2/98	20	119	No		10	16	No		1	4	No	0.50
	11/9/98	2,143	349	Yes		107	25	No		10	6	No	0.05
	11/16/98	10	167	Yes		10	25	No		1	6	No	1.00
	11/23/98	1,670	182	Yes		41	21	No		31	5	No	0.02
	11/30/98	10	94	Yes		10	21	No		1	3	No	1.00
	12/7/98	1,467	221	Yes		121	35	No		30	6	No	0.08

## Gaviota 079

	12/14/98	809	182	Yes		86	34	No		31	8	No		0.11
	12/21/98	512	399	Yes		143	57	No		10	12	No		0.28
	12/28/98	10	143	No		10	43	No		1	6	No		1.00
	1/4/99	262	276	No		63	62	No		41	13	No		0.24
	1/11/99	20	117	No		10	38	No		10	10	No		0.50
	1/13/99	30,000	241	Yes		10	25	No		1	5	No		0.00
	1/19/99	10	109	No		10	14	No		10	5	No		1.00
	1/25/99	10	109	No		10	14	No		1	5	No		1.00
	1/27/99	12,033	235	Yes		20	11	No		31	5	No		0.00
	2/1/99	479	444	No		52	16	No		30	6	No		0.11
	2/8/99	85	137	No		10	16	No		20	11	No		0.12
	2/16/99	160	239	No		20	18	No		20	13	No		0.13
	2/22/99	1,266	630	No		10	18	No		10	21	No		0.01
	3/1/99	41	202	No		10	16	No		3	13	No		0.24
	3/8/99	10	93	No		3	9	No		3	8	No		0.30
	3/15/99	30,000	302	Yes		8,664	35	Yes		4,611	24	Yes		0.29
	3/17/99	85	266	No		3	24	No		3	17	No		0.04
	3/22/99	700	236	No		63	35	No		20	19	No		0.09
	3/29/99	3,448	573	No		62	50	No		20	28	No		0.02
	4/5/99	74	854	No		3	50	No		3	28	No		0.04
	4/12/99	14,136	735	Yes		620	29	Yes		155	14	Yes		0.04
	Re4/14/99	8,664	1,853	Yes		295	73	No		31	22	No		0.03
	4/19/99	223	1,474	Yes		10	51	No		3	15	No		0.04
	4/26/99	216	847	No		3	28	No		10	13	No		0.01
	5/3/99	185	1,018	Yes		52	49	No		20	20	No		0.28
	5/10/99	226	445	No		3	17	No		10	11	No		0.01
	5/17/99	10	115	No		3	7	No		3	7	No		0.30
	5/24/99	1,723	173	No		3	5	No		161	16	Yes		0.00
	6/1/99	10	94	No		3	5	No		3	12	No		0.30
	6/7/99	146	89	No		3	3	No		3	8	No		0.02
	6/14/99	171	84	No		3	3	No		3	7	No		0.02
	6/22/99	1,793	238	No		278	7	No		160	15	No		0.16
	6/28/99	537	189	No		6	9	No		10	8	No		0.01
	7/6/99	460	406	No		20	12	No		3	8	No		0.04
	7/12/99	2,224	700	No		41	21	No		20	12	No		0.02

Gaviota 079

7/19/99	5,794	1,417	No	31	34	No	10	16	No	0.01
7/26/99	110	811	No	31	22	No	30	11	No	0.28
8/2/99	10	365	No	10	24	No	3	9	No	1.00
8/9/99	627	389	No	20	24	No	3	9	No	0.03
8/16/99	1,145	340	No	86	28	No	10	8	No	0.08
8/23/99	4,884	329	No	189	40	No	20	9	No	0.04
8/30/99	20	234	No	10	32	No	10	7	No	0.50
9/7/99	6,488	854	No	132	53	No	41	12	No	0.02
9/13/99	389	776	No	20	53	No	20	17	No	0.05
9/20/99	565	674	No	30	43	No	3	14	No	0.05
9/27/99	243	370	No	96	38	No	86	18	No	0.40
10/4/99	10	322	No	3	30	No	3	14	No	0.30
10/11/99	689	206	No	30	22	No	3	9	No	0.04
10/18/99	785	237	No	20	22	No	10	7	No	0.03
10/25/99	20	121	No	10	18	No	3	7	No	0.50
11/1/99	41	85	No	10	11	No	20	6	No	0.24
11/8/99	285	166	No	171	25	No	74	11	No	0.60
11/15/99	20	82	No	3	16	No	3	11	No	0.15
11/22/99	41	45	No	3	11	No	20	12	No	0.07
11/29/99	121	65	No	41	14	No	3	12	No	0.34
12/6/99	3	39	No	3	11	No	3	8	No	1.00
12/13/99	10	20	No	10	6	No	10	6	No	1.00
12/20/99	3	13	No	3	6	No	3	6	No	1.00
12/27/99	62	15	No	10	8	No	3	4	No	0.16
1/3/00	3	7	No	3	5	No	3	4	No	1.00
1/10/00	3	7	No	3	5	No	3	4	No	1.00
1/18/00	20	8	No	10	5	No	3	3	No	0.50
1/24/00	213	19	No	3	5	No	3	3	No	0.01
1/31/00	31	16	No	10	5	No	3	3	No	0.32
2/7/00	20	24	No	3	5	No	669	9	Yes	0.15
2/14/00	17,329	136	Yes	3,130	19	Yes	4,106	38	Yes	0.18
2/22/00	934	292	No	74	29	No	86	73	No	0.08
2/28/00	12,033	655	Yes	4,190	124	Yes	161	163	Yes	0.35
RE-3/1/00	8,664	2,021	No	213	228	No	52	288	No	0.02
3/6/00	30000	8,727	Yes	1872	827	Yes	2755	382	Yes	0.06

## Gaviota 079

re-03/08/2000	19863	8,969	Yes		884	642	Yes		595	260	Yes		0.04
3/13/00	2755	7,367	no		84	458	no		84	215	no		0.03
3/20/00	52	4,552	No		10	328	No		10	150	No		0.19
3/27/00	327	2496	No		31	145	No		10	95	No		0.09
4/3/00	388	1487	No		73	121	No		10	72	No		0.19
4/10/00	216	330	No		10	29	No		20	18	No		0.05
4/17/00	Not sampled due to flooding												
re-04/19/2000	246	287	No		10	22	No		3	9	No		0.04
4/24/00	1,467	417	No		109	30	No		31	12	No		0.07
5/1/00	no sample results due to lab error												
re-05/03/2000	262	456	No		63	41	No		20	12	No		0.24
5/8/00	789	523	No		98	51	No		30	15	No		0.12
5/15/00	201	497	No		3	38	No		3	15	No		0.01
5/22/00	5,172	681	No		52	31	No		10	12	No		0.01
5/30/00	74	437	No		10	25	No		3	9	No		0.14
6/5/00	327	457	No		20	20	No		52	11	No		0.06
6/12/00	4,190	638	No		10	13	No		183	15	Yes		0.00
re-06/14/2000	285	684	No		10	16	No		41	26	No		0.04
6/19/00	135	330	No		10	11	No		73	39	No		0.07
6/26/00	7,701	835	No		161	20	No		52	68	No		0.02
7/5/00	73	619	No		3	14	No		3	39	No		0.04
7/10/00	4,352	623	No		175	24	No		20	25	No		0.04
7/17/00	134	536	No		10	24	No		3	15	No		0.07
7/24/00	20	366	No		3	19	No		3	8	No		0.15
7/31/00	8,664	375	No		631	25	Yes		20	6	No		0.07
re-8/2/2000	6,488	919	No		565	72	Yes		10	8	No		0.09
8/7/00	1,291	721	No		52	56	No		20	8	No		0.04
8/14/00	9,208	1680	No		4,611	191	Yes		63	15	No		0.50
re-8/16/2000	211	2691	No		3	191	No		3	15	No		0.01
8/21/00	52	967	No		3	66	No		161	23	Yes		0.06
re-8/23/2000	158	460	No		10	29	No		3	18	No		0.06
8/28/00	529	385	No		41	28	No		63	22	No		0.08
9/5/00	109	158	No		10	8	No		3	12	No		0.09
9/11/00	4,352	290	No		471	23	Yes		3	12	No		0.11
re-9/13/2000	8,164	798	No		631	66	Yes		20	8	No		0.08

Gaviota 079

	9/18/00	278	894	No		62	95	No		20	12	No		0.22
	9/25/00	14,136	1724	Yes		638	164	Yes		31	10	No		0.05
	re-9/28/2000	538	2372	No		10	164	No		30	16	No		0.02
	10/2/00	414	967	No		63	71	No		31	28	No		0.15
	10/9/00	74	899	No		10	73	No		3	18	No		0.14
	10/16/00	1,455	675	No		228	62	No		19863	57	Yes		0.16
	re-10/18/2000	1,935	932	No		809	95	Yes		1553	118	Yes		0.42
	10/23/00	10	278	No		3	39	No		52	128	No		0.30
	10/30/00	4,352	394	No		292	68	No		465	203	Yes		0.07
	11/1/00	158	336	No		41	64	No		52	221	No		0.26
	11/6/00	3	197	No		3	52	No		51	354	No		1.00
	11/13/00	504	165	No		269	53	No		146	156	Yes		0.53
	re-11/15/2000	243	117	No		63	35	No		20	76	No		0.26
	11/20/00	97	170	No		3	35	No		31	69	No		0.03
	11/27/00	63	84	No		3	16	No		63	50	No		0.05
	12/4/00	1,162	117	No		10	13	No		41	48	No		0.01
	12/11/00	2,282	354	No		108	23	No		146	57	Yes		0.05
	12/13/2000re	171	296	No		97	20	No		484	70	Yes		0.57
	12/18/00	389	320	No		3	12	No		74	86	No		0.01
	12/26/00	20	246	No		3	12	No		3	59	No		0.15
	1/2/01	85	259	No		3	12	No		10	43	No		0.04
	1/8/01	10	117	No		3	10	No		3	28	No		0.30
	1/16/01	5,172	134	No		52	9	No		20	20	No		0.01
	1/22/01	1,043	181	No		31	7	No		31	13	No		0.03
	1/29/01	1,126	217	No		98	13	No		52	12	No		0.09
	2/5/01	10	193	No		3	13	No		10	15	No		0.30
	2/12/01	2,046	328	No		63	21	No		146	23	Yes		0.03
	2/20/01	3,448	868	No		278	45	No		298	49	Yes		0.08
	2/22/01	573	602	No		41	43	No		30	53	No		0.07
	2/26/01	9,804	874	No		471	68	Yes		624	87	Yes		0.05
	2/28/01	2,755	1015	No		265	80	No		175	106	Yes		0.10
	3/8/01	19,863	3598	Yes		249	168	No		63	144	No		0.01
	3/12/01	12,033	4834	Yes		228	208	No		41	117	No		0.02
	3/19/01	3,873	4928	No		243	203	No		62	90	No		0.06
	3/26/01	620	4993	No		3	131	No		20	84	No		0.00

Gaviota 079

	4/2/01	548	3088	No		75	97	No		41	53	No		0.14
	4/9/01	2,359	3009	No		95	82	No		20	37	No		0.04
	4/11/01	199	1397	No		31	58	No		3	22	No		0.16
	4/16/01	738	877	No		156	54	No		52	23	No		0.21
	4/23/01	404	602	No		74	44	No		20	19	No		0.18

**JALAMA BEACH- Mouth**

Fac ID# 012539

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Jalama	3/10/97	310			100			20			0.32	
Beach	3/17/97	310			100			31			0.32	
Creek	3/24/97	870			10			NA			0.01	
Mouth	3/31/97	10			10			137			1.00	
	4/7/97	10	96	No	10	25		1	17		1.00	
	4/14/97	10	49	No	10	16		20	17		1.00	
	4/21/97	1,110	63	No	530	22		42	18		0.48	
	4/28/97	10	26	No	10	22		1	10		1.00	
	5/5/97	10	26	No	10	22		1	4		1.00	
	5/13/97	1,500	70	Yes	100	35		124	10		0.07	
	5/19/97	10	70	Yes	10	35		20	10		1.00	
	5/27/97	870	67	No	200	29		111	12		0.23	
	6/2/97	10	67	No	10	29		10	19		1.00	
	6/16/97	4,530	226	Yes	1,370	77		238	58		0.30	
	6/23/97	10	83	No	10	49		1	22		1.00	
	6/30/97	1,920	238	Yes	100	77		42	26		0.05	
	7/7/97	640	223	Yes	100	67		164	28		0.16	
	7/14/97	11,840	920	Yes	200	122		75	41		0.02	
	7/21/97	530	599	Yes	100	72		111	36		0.19	
	8/11/97	100	949	Yes	10	72		1	36		0.10	
	8/18/97	750	787	No	10	46		99	42		0.01	
	8/25/97	2,280	1,014	Yes	420	61		271	47		0.18	
	9/2/97	640	566	No	10	33		31	39		0.02	
	9/8/97	10	256	No	10	21		1	15		1.00	
	9/15/97	1,920	462	Yes	640	49		124	40		0.33	
	9/22/97	100	309	Yes	10	49		20	29		0.10	



Jalama 080

	9/29/97	10	104	No		10	23			1	9		1.00		
	10/6/97	10	45	No		10	23			1	5		1.00		
	10/13/97	420	96	No		100	36			20	9		0.24		
	10/20/97	310	67	No		310	31			10	5		1.00		
	10/27/97	1,780	118	No		10	31	No		31	6	No	0.01		
	11/3/97	310	235	No		100	50	No		1	6	No	0.32		
	11/10/97	2,710	721	Yes		100	79	No		111	15	No	0.04		
	11/17/97	2,880	1,060	Yes		10	50	No		20	15	No	0.00		
	11/24/97	640	1,225	Yes		100	40	No		20	17	No	0.16		
	12/1/97	1,780	1,225	Yes		200	72	No		178	24	No	0.11		
	12/8/97	5,475	2,175	Yes		328	92	No		324	76	Yes	0.06		
	12/15/97	4,352	2,391	Yes		886	142	No		831	114	Yes	0.20		
	12/22/97	801	1,851	Yes		581	320	Yes		1,445	268	Yes	0.73		
	12/29/97	627	1,844	Yes		20	232	Yes		20	268	Yes	0.03		
	1/5/98	9,208	2,561	Yes		50	176	No		254	288	Yes	0.01		
	1/12/98	419	1,532	Yes		20	101	No		53	200	Yes	0.05		
	1/20/98	703	1,064	No		63	59	No		31	104	Yes	0.09		
	1/27/98	504	970	No		10	26	No		137	65	Yes	0.02		
	2/2/98	1,313	1,124	Yes		238	43	No		192	102	Yes	0.18		
	2/9/98	30,000	1,424	Yes		86	48	Yes		75	80	Yes	0.00		
	2/17/98	19,863	3,080	Yes		216	77	No		124	95	Yes	0.01		
	2/23/98	2,602	4,002	Yes		135	90	No		99	119	Yes	0.05		
	3/2/98	oad closed	6,717	n/a		Road closed	156	n/a		Road closed	115	n/a	#VALUE!		
	3/9/98	oad closed	11,574	n/a		Road closed	136	n/a		Road closed	97	n/a	#VALUE!		
	3/16/98	oad closed	7,189	n/a		Road closed	171	n/a		Road closed	111	n/a	#VALUE!		
	3/23/98	1,500	1,976	No		148	141	No		20	44	Yes	0.10		
	3/30/98	364	739	No		1	12	No		31	25	No	0.00		
	4/6/98	11,199	1,829	Yes		246	33	No		42	30	No	0.02		
	4/13/98	1,500	1,740	Yes		31	33	No		53	34	No	0.02		
	4/20/98	226	1,157	Yes		10	26	No		20	31	No	0.04		
	4/27/98	31	533	Yes		1	9	No		10	27	No	0.03		
	5/4/98	1,918	743	Yes		20	17	No		591	48	Yes	0.01		
	5/11/98	1,664	507	Yes		301	18	No		124	60	Yes	0.18		
	5/18/98	1,291	492	Yes		238	27	No		111	70	Yes	0.18		
	5/26/98	246	501	Yes		10	27	No		20	70	Yes	0.04		

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6/1/98	860	973	Yes	134	72	No	31	87	Yes	0.16	
6/8/98	1	215	Yes	1	39	No	1	24	No	1.00	
6/15/98	1,664	215	Yes	52	28	No	31	18	No	0.03	
6/22/98	52	113	Yes	10	15	No	10	11	No	0.19	
6/29/98	457	128	No	63	21	No	10	10	No	0.14	
7/6/98	684	122	No	74	19	No	20	9	No	0.11	
7/13/98	3,873	637	Yes	228	56	No	53	20	No	0.06	
7/20/98	7,170	853	Yes	181	72	No	306	32	No	0.03	
7/27/98	1,483	1,667	Yes	74	107	No	42	42	Yes	0.05	
8/3/98	52	1,079	Yes	20	85	No	1	27	No	0.38	
8/10/98	30,000	2,299	Yes	220	106	No	111	38	Yes	0.01	
8/12/98	11,199	2,843	Yes	399	119	No	124	45	Yes	0.04	
8/17/98	14,136	3,257	Yes	598	151	No	64	33	No	0.04	
8/24/98	2,359	3,573	Yes	41	134	No	42	33	No	0.02	
8/31/98	5,475	9,069	Yes	743	276	Yes	124	86	Yes	0.14	
9/8/98	17,329	8,126	Yes	173	263	Yes	364	109	Yes	0.01	
9/14/98	3,255	6,347	Yes	488	274	Yes	288	128	Yes	0.15	
9/21/98	121	2,449	Yes	20	139	No	1	56	Yes	0.17	
9/28/98	20	943	Yes	10	105	No	1	26	No	0.50	
10/5/98	5,475	943	Yes	2,247	131	No	697	37	Yes	0.41	
10/12/98	2,909	660	Yes	216	136	No	124	30	No	0.07	
10/19/98	259	398	Yes	20	72	No	42	21	No	0.08	
10/26/98	2,909	752	Yes	573	141	No	146	56	No	0.20	
11/2/98	1,918	1,872	Yes	211	259	Yes	211	162	Yes	0.11	
11/9/98	529	1,173	Yes	86	135	No	52	96	Yes	0.16	
11/16/98	479	818	Yes	122	120	No	30	73	Yes	0.25	
11/23/98	638	980	Yes	591	237	Yes	10	54	Yes	0.93	
11/30/98	30,000	1,562	Yes	1,234	276	Yes	908	79	Yes	0.04	
12/7/98	5,794	1,949	Yes	388	312	Yes	345	87	Yes	0.07	
12/14/98	1,515	2,405	Yes	259	389	Yes	52	87	Yes	0.17	
12/21/98	175	1,966	Yes	52	328	Yes	20	80	Yes	0.30	
12/28/98	1,119	2,200	Yes	464	313	Yes	41	106	Yes	0.41	
1/4/99	175	786	No	86	184	No	1	27	No	0.49	No
1/11/99	384	457	No	134	148	No	10	13	No	0.35	No
1/19/99	1,725	469	No	201	141	No	448	21	Yes	0.12	Yes

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	1/25/99	246	502	No		52	141	No		52	25	No		0.21	No	
	2/1/99	199	355	No		1	41	No		153	32	Yes		0.01	No	
	2/8/99	1,585	552	No		148	46	No		10	51	No		0.09	No	
	2/16/99	961	664	No		41	36	No		52	71	No		0.04	No	
	2/22/99	1,266	624	No		41	26	No		10	33	No		0.03	No	
	3/1/99	145	561	No		20	22	No		169	42	Yes		0.14	No	
	3/8/99	991	774	No		10	35	No		10	24	No		0.01	No	
	3/15/99	24,192	1,334	Yes		3,448	65	Yes		1,541	67	Yes		0.14	Yes	
	3/17/99	3,076	1,684	No		318	98	No		85	74	No		0.10	Yes	
	3/22/99	9,208	2,504	No		97	116	No		98	117	No		0.01	No	
	3/29/99	6,131	5,295	No		168	178	No		20	76	No		0.03	No	
	4/5/99	932	5,231	No		161	310	No		3	60	No		0.17	No	closed
	4/12/99	17,329	4,893	Yes		754	229	Yes		145	37	Yes		0.04	No	closed
	Re4/14/99	3,448	5,006	No		259	220	No		62	35	No		0.08	No	closed
	4/19/99	288	2,503	No		84	214	No		3	17	No		0.29	No	
	4/26/99	148	1,189	No		10	121	No		10	15	No		0.07	No	
	5/3/99	1,664	1,335	No		146	119	No		96	30	No		0.09	No	
	5/10/99	1,674	836	No		265	97	No		63	26	No		0.16	Yes	
	5/17/99	1,187	676	No		364	103	No		52	25	No		0.31	Yes	
	5/24/99	749	818	No		52	94	No		3	25	No		0.07	No	
	6/1/99	17,329	2,121	Yes		31	118	No		292	49	Yes		0.00	No	
	6/7/99	3,873	2,511	No		226	129	No		3	24	No		0.06	No	
	6/14/99	41	1,196	No		31	84	No		10	17	No		0.76	No	
	6/22/99	2,143	1,346	No		295	80	No		98	19	No		0.14	Yes	
	6/28/99	2,755	1,746	No		473	125	Yes		73	36	No		0.17	Yes	
	7/6/99	8,164	1,502	No		437	212	Yes		41	24	No		0.05	No	
	7/12/99	24,192	2,167	Yes		771	271	Yes		187	56	Yes		0.03	No	
	7/19/99	3,654	5,320	No		98	341	No		110	90	Yes		0.03	No	
	7/26/99	6,488	6,639	No		295	341	No		41	76	No		0.05	No	
	8/2/99	9,804	8,558	No		504	345	Yes		109	82	Yes		0.05	No	
	re-08/03/1999	3,873	7,372	No		481	352	Yes		253	118	Yes		0.12	No	
	8/9/99	2,359	6,097	No		189	317	No		20	88	No		0.08	No	
	8/16/99	2,014	4,029	No		143	240	No		30	65	No		0.07	No	
	8/23/99	2,723	3,836	No		160	260	No		109	65	Yes		0.06	No	
	8/30/99	161	2,072	No		86	212	No		3	42	No		0.53	No	

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	9/7/99	2,495	1,390	No		119	135	No		160	32	No		0.05	No	
	9/13/99	5,475	1,645	No		228	140	No		110	44	Yes		0.04	No	
	9/20/99	8,164	2,177	No		414	173	Yes		98	56	No		0.05	No	
	9/27/99	3	558	No		3	78	No		10	35	No		1.00	No	
	10/4/99	30,000	1,586	Yes		341	103	No		379	92	Yes		0.01	No	
	10/11/99	3	413	No		3	49	No		31	66	No		1.00	No	
	10/18/99	3	92	No		3	21	No		31	51	No		1.00	No	
	10/25/99	987	60	No		583	22	Yes		122	54	Yes		0.59	No	
	11/1/99	120	126	No		3	22	No		3	42	No		0.03	No	
	11/8/99	717	60	No		226	20	No		173	36	Yes		0.32	No	
	11/15/99	3	60	No		3	20	No		3	23	No		1.00	No	
	11/22/99	298	150	No		3	20	No		3	14	No		0.01	No	
	11/29/99	121	99	No		41	12	No		3	7	No		0.34	No	
	12/6/99	31	75	No		10	15	No		41	11	No		0.32	No	
	12/13/99	121	53	No		10	8	No		3	5	No		0.08	No	
	12/20/99	20	77	No		3	8	No		3	5	No		0.15	No	
	12/27/99	41	52	No		20	12	No		3	5	No		0.49	No	
	1/3/00	52	44	No		3	7	No		3	5	No		0.06	No	55
	1/10/00	131	58	No		30	9	No		10	4	No		0.23	No	
	1/18/00	86	54	No		3	7	No		3	4	No		0.03	No	
	1/24/00	305	94	No		20	10	No		41	6	No		0.07	No	
	1/31/00	594	160	No		63	13	No		52	11	No		0.11	No	
	2/7/00	213	213	No		20	19	No		3	11	No		0.09	No	
	2/14/00	17,329	565	Yes		1,010	38	Yes		359	23	Yes		0.06	No	
	2/22/00	1,396	986	No		313	96	No		95	47	No		0.22	Yes	
	2/28/00	657	1,150	No		52	116	No		20	40	No		0.08	No	
	3/6/00	7270	1,898	No		323	160	No		504	63	Yes		0.04	No	
	re-03/08/2000	17329	4,574	Yes		158	243	No		404	169	Yes		0.01	No	
	3/13/00	8164	5,038	No		135	220	No		52	139	no		0.02	No	
	3/20/00	109	2,164	No		10	102	No		3	63	No		0.09	No	
	3/27/00	546	1851	No		41	73	No		41	54	No		0.08	No	
	4/3/00	63	1252	No		20	62	No		3	40	No		0.32	No	
	4/10/00	1,793	560	No		169	45	No		20	13	No		0.09	No	
	4/17/00	30,000	726	Yes		3,448	86	Yes		1178	24	Yes		0.11	Yes	
	re-04/19/2000	14,136	1921	Yes		473	187	Yes		96	49	No		0.03	No	

	4/24/00	1,334	2297	No		135	237	No		30	46	No		0.10	Yes	
	5/1/00	no sample results due to lab error														
	re-05/03/2000	399	3876	No		108	393	No		31	101	No		0.27	No	
	5/8/00	1,211	1737	No		119	169	No		109	56	Yes		0.098	No	
	05/10/2000-re	1,414	977	No		109	117	No		63	50	No		0.08	No	
	5/15/00	318	683	No		10	61	No		41	54	No		0.03	No	
	5/22/00	2,909	912	No		97	67	No		20	45	No		0.03	No	
	5/30/00	17,329	1940	Yes		262	80	No		240	67	Yes		0.02	No	
	6/5/00	30,000	3686	Yes		10	49	No		74	62	No		0.00	No	
	6/12/00	1,658	3805	No		86	47	No		41	57	No		0.05	No	
	6/19/00	6,131	6876	No		195	84	No		521	95	Yes		0.03	No	
	6/26/00	17,329	9826	Yes		309	106	No		85	126	No		0.02	No	
	7/5/00	17,329	9826	Yes		41	73	No		31	84	No		0.00	No	
	7/10/00	1,785	5588	No		63	106	No		63	81	No		0.04	No	
	7/17/00	110	3248	No		3	54	No		10	61	No		0.03	No	
	7/24/00	332	1813	No		20	34	No		10	28	No		0.06	No	
	7/31/00	98	644	No		20	20	No		3	14	No		0.20	No	
	8/7/00	3,255	461	No		41	20	No		20	13	No		0.01	No	
	8/14/00	292	321	No		20	16	No		3	7	No		0.07	No	
	8/21/00	75	297	No		10	20	No		10	7	No		0.13	No	
	8/28/00	10	148	No		3	14	No		62	10	No		0.30	No	
	9/5/00	538	207	No		98	19	No		20	15	No		0.18	No	
	9/11/00	72	97	No		20	16	No		3	10	No		0.28	No	
	9/18/00	3	39	No		3	11	No		3	10	No		1.00	No	
	9/25/00	441	55	No		31	14	No		3	8	No		0.07	No	
	10/2/00	384	114	No		10	18	No		10	6	No		0.03	No	
	10/9/00	886	161	No		31	20	No		30	7	No		0.03	No	
	10/16/00	63	113	No		10	13	No		350	12	Yes		0.16	No	
	re-10/18/2000	86	116	No		20	13	No		10	15	No		0.23	No	
	10/23/00	988	305	No		882	35	Yes		74	25	No		0.89	No	
	10/30/00	833	339	No		74	40	No		10	30	No		0.09	No	
	11/6/00	504	355	No		52	53	No		98	44	No		0.10	No	
	11/13/00	41	213	No		3	36	No		3	30	No		0.07	No	
	11/20/00	63	213	No		20	40	No		10	17	No		0.32	No	
	11/27/00	789	307	No		86	51	No		383	31	Yes		0.11	No	

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	12/4/00	1,081	312	No		31	29	No		52	29	No		0.03	No	
	12/11/00	633	298	No		578	41	Yes		10	29	No		0.91	No	
	12/13/2000re	145	242	No		31	38	No		10	20	No		0.21	No	
	12/18/00	2,495	480	No		1,726	109	Yes		233	41	No		0.69	Yes	
	12/26/00	134	545	No		3	79	No		3	33	No		0.02	No	
	1/2/01	120	398	No		10	55	No		3	15	No		0.08	No	
	1/8/01	3,873	492	No		144	71	No		359	21	Yes		0.04	No	
	1/16/01	2,723	628	No		311	64	No		253	35	Yes		0.11	Yes	
	1/22/01	839	841	No		241	91	No		10	35	No		0.29	No	
	1/29/01	175	540	No		31	46	No		20	23	No		0.18	No	
	2/5/01	677	708	No		75	79	No		3	23	No		0.11	No	
	2/12/01	4,611	1300	No		594	157	Yes		985	61	Yes		0.13	Yes	
	2/20/01	2,282	1191	No		52	132	No		148	53	Yes		0.02	No	
	2/26/01	269	809	No		3	61	No		41	39	No		0.01	No	
	3/12/01	2,282	956	No		52	47	No		31	47	No		0.02	No	
	3/19/01	1,553	1376	No		63	53	No		41	53	No		0.04	No	
	3/26/01	203	1126	No		10	38	No		10	65	No		0.05	No	
	4/2/01	443	762	No		10	19	No		63	41	No		0.02	No	
	4/9/01	156	487	No		3	12	No		3	21	No		0.02	No	
	4/16/01	345	508	No		10	15	No		3	14	No		0.03	No	
	4/23/01	86	294	No		3	9	No		10	12	No		0.03	No	

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Ocean 081

10/6/97	10	10	No	10	10		1	2		1.00
10/13/97	10	10	No	10	10		1	2		1.00
10/20/97	10	10	No	10	10		1	2		1.00
10/27/97	10	10	No	10	10	No	1	1	No	1.00
11/3/97	10	10	No	10	10	No	1	1	No	1.00
11/10/97	10	10	No	10	10	No	1	1	No	1.00
11/17/97	100	16	No	10	10	No	1	1	No	0.10
11/24/97	10	16	No	10	10	No	1	1	No	1.00
12/1/97	100	25	No	10	10	No	1	1	No	0.10
12/8/97	30,000	125	No	1,334	27	No	2,005	5	No	0.04
12/15/97	31	156	No	10	27	No	53	10	No	0.32
12/22/97	173	174	No	10	27	No	31	20	No	0.06
12/29/97	10	174	No	1	17	No	1	20	No	0.10
1/5/98	25,000	526	Yes	96	26	No	624	73	Yes	0.00
1/8/98	598	240	No	443	21	No	42	34	No	0.74
1/12/98	20	220	No	10	21	No	1	15	No	0.50
1/20/98	4,611	425	Yes	345	43	No	453	26	No	0.07
1/27/98	31	532	Yes	1	43	No	10	41	Yes	0.03
2/2/98	168	196	No	31	34	No	1	11	No	0.18
2/9/98	12,033	357	Yes	231	30	Yes	453	18	Yes	0.02
2/17/98	12,997	1303	Yes	209	55	No	831	70	Yes	0.02
2/23/98	8,164	1461	Yes	216	50	No	831	79	Yes	0.03
3/2/98	not sampled	3827	n/a	not sampled	134	n/a	not sampled	133	n/a	#VALUE!
3/9/98	not sampled	10849	n/a	not sampled	218	n/a	not sampled	679	n/a	#VALUE!
3/16/98	not sampled	10301	n/a	not sampled	212	n/a	not sampled	831	n/a	#VALUE!
3/23/98	379	1759	No	10	46	No	20	129	Yes	0.03
3/30/98	657	499	No	10	10	No	75	39	Yes	0.02
4/6/98	1,169	663	No	41	16	No	75	48	Yes	0.04
4/13/98	437	597	No	1	8	No	87	56	Yes	0.00
4/20/98	31	331	No	1	5	No	31	50	Yes	0.03
4/27/98	262	307	No	31	7	No	20	50	Yes	0.12
5/4/98	6,867	491	Yes	275	13	No	137	56	Yes	0.04
5/11/98	860	462	No	41	13	No	42	50	Yes	0.05
5/18/98	1,553	595	Yes	52	28	No	42	43	Yes	0.03
5/26/98	496	1036	Yes	1	28	No	31	43	Yes	0.00



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6/1/98	576	1212	Yes	1	14	No	42	50	Yes	0.00	
6/8/98	328	660	No	52	10	No	75	44	Yes	0.16	
6/15/98	2,613	824	Yes	155	13	No	344	68	Yes	0.06	
6/22/98	1,043	761	Yes	85	15	No	31	64	Yes	0.08	
6/29/98	3,654	1135	Yes	62	34	No	64	74	Yes	0.02	
7/6/98	3,654	1642	Yes	110	86	No	10	55	Yes	0.03	
7/13/98	24,192	3881	Yes	10	62	No	20	42	Yes	0.00	
7/20/98	2,142	3730	Yes	1	23	No	10	21	No	0.00	
7/27/98	576	3312	Yes	1	9	No	1	11	No	0.00	
8/3/98	15,531	4424	Yes	10	6	No	20	8	No	0.00	
8/10/98	1,872	3870	Yes	1	3	No	1	5	No	0.00	
8/17/98	839	1976	Yes	10	3	No	1	3	No	0.01	
8/24/98	443	1442	Yes	10	4	No	1	2	No	0.02	
8/31/98	9,208	2509	Yes	10	6	No	10	3	No	0.00	
9/8/98	624	1319	Yes	10	6	No	1	2	No	0.02	
9/14/98	3,448	1491	Yes	86	15	No	87	4	No	0.02	
9/21/98	148	1054	Yes	10	15	No	1	4	No	0.07	
9/28/98	31	619	Yes	10	15	No	1	4	No	0.32	
10/5/98	86	243	No	10	15	No	1	2	No	0.12	
10/12/98	8,664	411	Yes	8,664	59	No	42	5	No	1.00	
10/19/98	11,199	521	Yes	20	44	No	10	3	No	0.00	
10/26/98	85	466	Yes	10	44	No	1	3	No	0.12	
11/2/98	63	537	Yes	10	44	No	1	3	No	0.16	
11/9/98	3,255	1111	Yes	74	66	No	10	5	No	0.02	
11/16/98	20	330	Yes	10	17	No	1	3	No	0.50	
11/23/98	10	81	No	10	15	No	1	2	No	1.00	
11/30/98	30,000	262	Yes	1,553	41	No	4,352	8	No	0.05	
12/1/98	12,997	760	Yes	85	63	No	109	22	No	0.01	
12/7/98	98	377	Yes	10	42	No	1	14	No	0.10	
12/14/98	10	328	Yes	10	42	No	1	14	No	1.00	
12/21/98	10	328	Yes	10	42	No	1	14	No	1.00	
12/28/98	2,143	194	No	146	26	No	63	6	No	0.07	
1/4/99	1,112	118	No	30	21	No	10	4	No	0.03	No
1/11/99	10	75	No	10	21	No	1	4	No	1.00	No
1/19/99	10	75	No	10	21	No	10	6	No	1.00	No

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	1/25/99	3,448	242	No		199	39	No		63	13	No		0.06	No
	2/1/99	413	174	No		1	14	No		41	12	No		0.00	No
	2/8/99	2,359	202	No		110	19	No		146	21	Yes		0.05	No
	2/16/99	292	397	No		63	27	No		20	38	No		0.22	No
	2/22/99	573	891	No		96	42	No		10	38	No		0.17	No
	3/1/99	10	277	No		3	18	No		3	20	No		0.30	No
	3/8/99	657	304	No		146	49	No		51	21	No		0.22	No
	3/15/99	211	188	No		20	35	No		74	19	No		0.09	No
	3/22/99	11,199	389	Yes		695	57	Yes		121	27	Yes		0.06	No
	3/29/99	9,208	678	No		275	70	No		95	42	No		0.03	No
	4/5/99	11,199	2,760	Yes		84	136	No		41	71	No		0.01	No
	Re4/07/99	15,531	5,195	Yes		74	119	No		52	71	No		0.00	No
	4/12/99	30,000	14,001	Yes		4,611	353	Yes		3,448	153	Yes		0.15	Yes
	4/19/99	12,033	14,204	Yes		233	284	Yes		173	165	Yes		0.02	No
	4/26/99	2,755	11,158	No		52	203	No		31	132	No		0.02	No
	5/3/99	4,611	9,344	No		249	253	Yes		20	114	No		0.05	No
	5/10/99	1,281	5,673	No		216	313	Yes		20	94	No		0.17	Yes
	5/17/99	1,178	2,969	No		10	92	No		3	23	No		0.01	No
	5/24/99	226	1,341	No		3	38	No		3	10	No		0.01	No
	6/1/99	1,935	1,249	No		20	32	No		20	9	No		0.01	No
	6/7/99	3	288	No		3	13	No		3	6	No		1.00	No
	6/14/99	31	137	No		3	6	No		3	4	No		0.10	No
	6/22/99	1,019	133	No		10	6	No		20	6	No		0.01	No
	6/28/99	2,359	212	No		3	6	No		3	6	No		0.00	No
	7/6/99	30,000	368	Yes		41	6	No		10	6	No		0.00	No
	7/12/99	3	368	No		3	6	No		3	6	No		1.00	No
	7/19/99	3,130	925	No		10	8	No		10	7	No		0.00	No
	7/26/99	30	457	No		3	6	No		3	5	No		0.10	No
	8/2/99	3	120	No		3	6	No		3	5	No		1.00	No
	8/9/99	122	40	No		3	4	No		3	4	No		0.02	No
	8/16/99	3	40	No		3	4	No		3	4	No		1.00	No
	8/23/99	30,000	63	Yes		20	4	No		20	4	No		0.00	No
	8/30/99	30,000	251	Yes		211	10	No		121	9	No		0.01	No
	9/7/99	432	677	No		3	10	No		3	9	No		0.01	No
	9/13/99	19,863	1,875	Yes		20	15	No		3	9	No		0.00	No

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9/20/99	11,199	9,714	Yes	63	28	No	10	12	No	0.01	No
9/27/99	31	2,456	No	3	19	No	3	8	No	0.10	No
10/4/99	1,198	1,290	No	41	14	No	10	5	No	0.03	No
10/11/99	3	477	No	3	14	No	3	5	No	1.00	No
10/18/99	3	82	No	3	9	No	3	5	No	1.00	No
10/25/99	243	38	No	3	5	No	10	5	No	0.01	No
11/1/99	1,553	84	No	20	7	No	3	5	No	0.01	No
11/8/99	41	43	No	20	6	No	3	4	No	0.49	No
11/15/99	10	54	No	10	8	No	10	5	No	1.00	No
11/22/99	31	86	No	10	10	No	3	5	No	0.32	No
11/29/99	3	36	No	3	10	No	3	4	No	1.00	No
12/6/99	3	10	No	3	7	No	3	4	No	1.00	No
12/13/99	3	6	No	3	5	No	3	4	No	1.00	No
12/20/99	3	5	No	3	4	No	10	4	No	1.00	No
12/27/99	10	4	No	3	3	No	3	4	No	0.30	No
1/3/00	10	5	No	10	4	No	3	4	No	1.00	No
1/10/00	3	5	No	3	4	No	3	4	No	1.00	No
1/18/00	52	9	No	31	6	No	3	4	No	0.60	No
1/24/00	31	14	No	3	6	No	3	3	No	0.10	No
1/31/00	63	20	No	3	6	No	10	4	No	0.05	No
2/7/00	3	16	No	3	5	No	3	4	No	1.00	No
2/14/00	12,033	82	Yes	282	12	No	836	12	Yes	0.02	No
2/22/00	20	68	No	10	9	No	10	15	No	0.50	No
2/28/00	24,192	256	Yes	1,789	34	Yes	2,014	55	Yes	0.07	No
RE-3/1/00	24,192	842	Yes	187	78	No	336	111	Yes	0.01	No
3/6/00	439	2,282	No	20	114	No	10	141	No	0.05	No
3/13/00	No samples collected due Snowy Plover Breeding										
3/20/00	No samples collected due Snowy Plover Breeding										
3/27/00	No samples collected due Snowy Plover Breeding										
4/3/00	No samples collected due Snowy Plover Breeding										
4/10/00	No samples collected due Snowy Plover Breeding										
4/17/00	No samples collected due Snowy Plover Breeding										
4/24/00	No samples collected due Snowy Plover Breeding										
5/1/00	No samples collected due Snowy Plover Breeding										
5/8/00	No samples collected due Snowy Plover Breeding										

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	5/15/00	No samples collected due Snowy Plover Breeding											
	5/22/00	No samples collected due Snowy Plover Breeding											
	5/30/00	No samples collected due Snowy Plover Breeding											
Surf Beach	7/17/00	481	481	No		3	3	No		3	3	No	0.01 No
	7/24/00	20	98	No		3	3	No		3	3	No	0.15 No
	8/7/00	119	105	No		3	3	No		3	3	No	0.03 No
	8/14/00	683	167	No		3	3	No		3	3	No	0.00 No
	8/21/00	3	75	No		3	3	No		3	3	No	1.00 No
	8/28/00	3	27	No		3	3	No		71	6	No	1.00 No
	9/5/00	3	19	No		3	3	No		3	6	No	1.00 No
	9/11/00	3	9	No		3	3	No		3	6	No	1.00 No
	9/18/00	3	3	No		3	3	No		3	6	No	1.00 No
	9/25/00	3	3	No		3	3	No		3	6	No	1.00 No
Ocean Beach	10/2/00	10	4	No		3	3	No		3	3	No	0.30 No
	10/9/00	20	6	No		3	3	No		3	3	No	0.15 No
	10/16/00	1,935	20	No		216	7	No		17329	17	Yes	0.11 Yes
	re-10/18/2000	86	40	No		10	9	No		10	22	No	0.12 No
	10/23/00	10	51	No		3	9	No		3	22	No	0.30 No
	10/30/00	573	76	No		3	7	No		20	21	No	0.01 No
	11/6/00	20	85	No		3	7	No		3	21	No	0.15 No
	11/13/00	20	85	No		3	7	No		3	21	No	0.15 No
	11/20/00	3	29	No		3	4	No		3	5	No	1.00 No
	11/27/00	3	17	No		3	3	No		10	5	No	1.00 No
	12/4/00	3	14	No		3	3	No		3	5	No	1.00 No
	12/11/00	3	6	No		3	3	No		3	4	No	1.00 No
	12/18/00	3	4	No		3	3	No		10	4	No	1.00 No
	12/26/00	3	3	No		3	3	No		3	4	No	1.00 No
	1/2/01	3	3	No		3	3	No		10	5	No	1.00 No
	1/8/01	3	3	No		3	3	No		3	4	No	1.00 No
	1/16/01	4,352	10	No		153	6	No		131	8	Yes	0.04 No
	1/22/01	3	10	No		3	6	No		3	8	No	1.00 No
	1/29/01	31	15	No		3	6	No		3	7	No	0.10 No
	2/5/01	96	27	No		10	7	No		3	7	No	0.10 No

Ocean 081

	2/12/01	24,192	119	Yes		520	17	Yes		1376	16	Yes		0.02	No
	2/20/01	86	208	No		3	17	No		10	19	No		0.03	No
	2/26/01	185	123	No		3	9	No		20	14	No		0.02	No
	3/19/01	41	190	No		3	9	No		10	17	No		0.07	No
	4/2/01	No sample collected													
	4/9/01	2,359	518	No		95	17	No		20	35	No		0.04	No
	4/16/01	98	172	No		31	10	No		10	13	No		0.32	No

Guadalupe 018

**GUADALUPE DUNES**

Fac ID# 012541

Site	Date	Total Coliform	LOG MEAN	exceeds	Fecal Coliform	LOG MEAN	exceeds	Enterococcus	LOG MEAN	exceeds	Ratio of fecal/total	exceeds
Guad	9/4/96	10			10			1			1.00	
alupe	9/10/96	10			10			1			1.00	
Dunes	9/17/96	640			10			1			0.02	
	9/25/96	10			10			1			1.00	
	10/1/96	10	23	No	10	10		1	1		1.00	
	10/7/96	10	23	No	10	10		1	1		1.00	
	10/14/96	200	42	No	10	10		1	1		0.05	
	10/21/96	10	18	No	10	10		1	1		1.00	
	10/29/96	10	18	No	10	10		1	1		1.00	
	11/4/96	10	18	No	10	10		1	1		1.00	
	11/11/96	10	18	No	10	10		1	1		1.00	
	11/18/96	10	10	No	10	10		1	1		1.00	
	11/25/96	10	10	No	10	10		10	2		1.00	
	12/2/96	10	10	No	10	10		1	2		1.00	
	12/9/96	10	10	No	10	10		1	2		1.00	
	12/16/96	10	10	No	10	10		1	2		1.00	
	1/6/97	4,530	34	No	10	10		124	4		0.00	
	1/27/97	10	34	No	10	10		31	5		1.00	
	2/3/97	10	34	No	10	10		1	5		1.00	
	2/10/97	10	34	No	10	10		1	5		1.00	
	2/18/97	10	34	No	10	10		1	5		1.00	
	2/25/97	10	10	No	10	10		1	2		1.00	
	3/17/97	10	10	No	10	10		1	1		1.00	
	3/24/97	10	10	No	10	10		NA	1		1.00	
	4/7/97	10	10	No	10	10		1	1		1.00	
	4/14/97	100	16	No	10	10		10	2		0.10	

Guadalupe 018

4/21/97	100	25	No	10	10		1	2		0.10
4/28/97	200	46	No	10	10		64	5		0.05
5/5/97	10	46	No	10	10		1	4		1.00
5/13/97	200	83	No	10	10		1	4		0.05
5/19/97	10	53	No	10	10		1	2		1.00
6/9/97	3,060	104	No	10	10		99	6		0.00
6/16/97	10	57	No	10	10		1	3		1.00
6/23/97	10	57	No	10	10		1	3		1.00
6/30/97	1,370	84	Yes	10	10		1	3		0.01
7/7/97	990	211	Yes	10	10		1	3		0.01
7/14/97	310	133	No	10	10		885	4		0.03
7/21/97	10	133	No	10	10		1	4		1.00
7/28/97	200	243	No	10	10		10	6		0.05
8/4/97	10	91	No	10	10		10	10		1.00
8/11/97	10	36	No	10	10		1	10		1.00
8/18/97	10	18	No	10	10		1	3		1.00
8/25/97	200	33	No	10	10		10	4		0.05
9/2/97	530	40	No	10	10		10	4		0.02
9/8/97	200	73	No	10	10		1	3		0.05
9/15/97	10	73	No	10	10		1	3		1.00
9/22/97	10	73	No	10	10		1	3		1.00
10/6/97	200	73	No	10	10		42	3		0.05
10/13/97	310	66	No	10	10		150	6		0.03
10/20/97	200	66	No	10	10		10	9		0.05
10/27/97	10	66	No	10	10	No	10	14	No	1.00
11/3/97	10	66	No	10	10	No	1	14	No	1.00
11/10/97	10	36	No	10	10	No	1	7	No	1.00
11/17/97	200	33	No	10	10	No	1	3	No	0.05
11/24/97	10	18	No	10	10	No	1	2	No	1.00
12/1/97	10	18	No	10	10	No	1	1	No	1.00
12/8/97	1,842	52	No	94	16	No	885	4	No	0.05
12/15/97	20	59	No	1	10	No	1	4	No	0.05
12/22/97	10	33	No	1	6	No	1	4	No	0.10
12/29/97	1	21	No	1	4	No	1	4	No	1.00
1/5/98	1	13	No	1	2	No	1	4	No	1.00

Guadalupe 018

	1/12/98	317	9	No		31	2	No		53	2	No		0.10
	1/20/98	52	11	No		1	2	No		10	4	No		0.02
	1/27/98	41	15	No		1	2	No		1	4	No		0.02
	2/2/98	n/a	29			n/a	2			n/a	5			#VALUE!
	2/9/98	Road Close	88	Yes		Road Close	3	Yes		Road Closed	8	Yes		#VALUE!
	2/17/98	Road close	46	n/a		Road close	1	n/a		Road closed	3	n/a		#VALUE!
	2/23/98	Road close	41	n/a		Road close	1	n/a		Road closed	1	n/a		#VALUE!
	3/2/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	3/9/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	3/16/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	3/23/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	3/30/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	4/6/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	4/13/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	4/20/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	4/27/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	5/4/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	5/11/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	5/18/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	5/26/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	6/1/98	Road close	#NUM!	n/a		Road closed		n/a		Road closed	#NUM!	n/a		#VALUE!
	6/8/98	833	833	No		20	20	No		75	75	No		0.02
	6/15/98	31	161	No		1	4	No		1	9	No		0.03
	6/22/98	20	80	No		1	3	No		1	4	No		0.05
	6/29/98	11,199	276	Yes		20	4	No		64	8	No		0.00
	7/6/98	288	278	No		1	3	No		1	5	No		0.00
	7/13/98	3,255	365	Yes		1	2	No		1	2	No		0.00
	7/20/98	823	704	Yes		10	3	No		1	2	No		0.01
	7/27/98	1	387	Yes		1	3	No		1	2	No		1.00
	8/3/98	820	229	No		1	2	No		10	2	No		0.00
	8/10/98	730	276	No		1	2	No		53	4	No		0.00
	8/17/98	379	180	No		10	3	No		1	4	No		0.03
	8/24/98	2,142	217	No		10	3	No		20	6	No		0.00
	8/31/98	10	345	No		10	4	No		1	6	No		1.00
	9/8/98	Road close	277			Gate locked								#VALUE!



Guadalupe 018

	9/14/98	295	221	No		10	10	No		20	4	No		0.03	
	9/21/98	Road close	185			Gate locked								#VALUE!	
	9/28/98	10	31	No		10	10	No		1	3	No		1.00	
	10/5/98	905	139	No		10	10	No		1	3	No		0.01	
	10/12/98	1,935	268	No		20	12	No		42	5	No		0.01	
	10/19/98	959	360	No		10	12	No		20	5	No		0.01	
	10/26/98	10	176	No		10	11	No		1	4	No		1.00	
	11/2/98	51	244	No		10	11	No		1	4	No		0.20	
	11/9/98	259	190	No		10	11	No		1	4	No		0.04	
	11/16/98	10	66	No		10	10	No		1	2	No		1.00	
	11/23/98	292	52	No		20	11	No		20	2	No		0.07	
	11/30/98	63	75	No		10	11	No		1	2	No		0.16	
	12/7/98	20	62	No		10	11	No		1	2	No		0.50	
	12/14/98	20	37	No		10	11	No		1	2	No		0.50	
	12/21/98	10	37	No		10	11	No		1	2	No		1.00	
	12/28/98	10	19	No		10	10	No		20	2	No		1.00	
	1/4/99	10	13	No		10	10	No		1	2	No		1.00	No
	1/11/99	10	11	No		10	10	No		1	2	No		1.00	No
	1/19/99	gate locked				(beach not accessible on Tuesdays)								na	
	1/25/99	20	12	No		10	10	No		1	2	No		0.50	No
	2/1/99	183	25	No		1	6	No		73	3	No		0.01	No
	2/8/99	10	25	No		10	6	No		10	5	No		1.00	No
	2/16/99	gate locked				(beach not accessible on Tuesdays)								na	
	2/22/99	closed-high sands												na	
	3/1/99	10	26	No		3	3	No		3	13	No		0.30	No
	3/8/99	3	7	No		3	4	No		3	4	No		1.00	No
	3/15/99	20	8	No		10	4	No		3	3	No		0.50	No
	3/22/99	20	10	No		3	4	No		3	3	No		0.15	No
	3/29/99	closed-high sands												na	
	4/5/99	closed-high sands												na	
	4/12/99	3	11	No		3	4	No		3	3	No		1.00	No
	4/19/99	20	11	No		10	4	No		3	3	No		0.50	No
	4/26/99	10	8	No		3	4	No		3	3	No		0.30	No
	5/3/99	98	16	No		3	4	No		3	3	No		0.03	No
	5/10/99	211	26	No		3	4	No		3	3	No		0.01	No

Guadalupe 018

	5/17/99	74	50	No		3	4	No		3	3	No		0.04	No
	5/24/99	3	34	No		3	3	No		3	3	No		1.00	No
	6/1/99	gate locked				(beach not accessible on Tuesdays)									
	6/7/99	1,597	93	No		3	3	No		3	3	No		0.00	No
	6/14/99	3	32	No		3	3	No		3	3	No		1.00	No
	6/22/99	gate locked				(beach not accessible on Tuesdays)				gate locked					
	6/28/99	197	98	No		3	3	No		3	3	No		0.02	No
	7/6/99	gate locked				(beach not accessible on Tuesdays)				gate locked					
	7/12/99	3	12	No		3	3	No		3	3	No		1.00	No
	7/19/99	305	56	No		10	4	No		10	4	No		0.03	No
	7/26/99	110	67	No		3	4	No		3	4	No		0.03	No
	8/2/99	368	78	No		10	5	No		3	4	No		0.03	No
	8/9/99	20	59	No		3	5	No		3	4	No		0.15	No
	8/16/99	1,354	202	No		41	8	No		3	4	No		0.03	No
	8/23/99	3,255	324	No		3	6	No		52	5	No		0.00	No
	8/30/99	669	465	No		3	6	No		3	5	No		0.00	No
	9/7/99	gate locked				(beach not accessible on Tuesdays)				gate locked					
	9/13/99	31	550	No		3	6	No		3	6	No		0.10	No
	9/20/99	3	119	No		3	3	No		3	6	No		1.00	No
	9/27/99	20	33	No		3	3	No		10	4	No		0.15	No
	10/4/99	30,000	86	Yes		20	5	No		563	15	Yes		0.00	No
	10/11/99	41	74	No		3	4	No		3	11	No		0.07	No
	10/18/99	41	79	No		3	4	No		3	11	No		0.07	No
	10/25/99	216	185	No		20	6	No		3	11	No		0.09	No
	11/1/99	529	357	No		30	10	No		3	9	No		0.06	No
	11/8/99	10	72	No		10	9	No		3	3	No		1.00	No
	11/15/99	3	43	No		3	9	No		3	3	No		1.00	No
	11/22/99	74	48	No		10	11	No		10	4	No		0.14	No
	11/29/99	3	20	No		3	8	No		10	5	No		1.00	No
	12/6/99	556	21	No		20	7	No		20	7	No		0.04	No
	12/13/99	10	21	No		3	6	No		3	7	No		0.30	No
	12/20/99	52	36	No		10	7	No		3	7	No		0.19	No
43	12/27/99	3	19	No		3	6	No		3	6	No		1.00	No
	1/3/00	10	24	No		3	6	No		3	4	No		0.30	No
	1/10/00	10	11	No		3	4	No		3	3	No		0.30	No

Guadalupe 018

	1/18/00	52	15	No		10	5	No		3	3	No		0.19	No
	1/24/00	3	9	No		3	4	No		3	3	No		1.00	No
	1/31/00	158	19	No		31	6	No		75	6	No		0.20	No
	2/7/00	3	15	No		3	6	No		3	6	No		1.00	No
	2/14/00	10	15	No		3	6	No		3	6	No		0.30	No
No sample	2/14/00														
	2/28/00	95	26	No		10	7	No		20	11	No		0.11	No
	3/6/00	332	31	No		3	4	No		20	8	No		0.01	No
	3/13/00	No Samples taken due to closed road													
	3/20/00	110	151	No		10	7	No		10	16	No		0.09	No
	3/27/00	63	122	No		3	5	No		3	10	No		0.05	No
	4/3/00	119	129	No		3	4	No		86	15	No		0.03	No
	4/10/00	41	76	No		3	4	No		3	9	No		0.07	No
	4/17/00	10	51	No		3	4	No		3	7	No		0.30	No
	4/24/00	189	57	No		3	3	No		10	7	No		0.02	No
	5/1/00	no sample results due to lab error													
re-05/03/2000		908	92	No		20	5	No		3	4	No		0.02	No
	5/8/00	Road closed due to sand													
	5/15/00	10	120	No		3	6	No		3	4	No		0.30	No
	5/22/00	3	30	No		3	6	No		3	3	No		1.00	No
	5/30/00	1,624	82	No		31	9	No		10	4	No		0.02	No
	6/5/00	187	55	No		3	5	No		3	4	No		0.02	No
	6/12/00	218	72	No		3	5	No		31	6	No		0.01	No
	6/19/00	908	178	No		3	5	No		3	6	No		0.00	No
	6/26/00	399	474	No		10	6	No		3	6	No		0.03	No
	7/5/00	3,448	551	No		31	6	No		135	10	Yes		0.01	No
	7/10/00	2,987	960	No		10	8	No		20	15	No		0.00	No
	7/17/00	122	854	No		10	10	No		3	9	No		0.08	No
	7/24/00	5,172	1210	No		31	16	No		52	17	No		0.01	No
	7/31/00	10	579	No		3	12	No		3	17	No		0.30	No
	8/7/00	670	417	No		31	12	No		10	10	No		0.05	No
	8/14/00	1,211	348	No		10	12	No		3	7	No		0.01	No
	8/21/00	583	476	No		20	14	No		10	9	No		0.03	No
	8/28/00	10	136	No		3	9	No		20	7	No		0.30	No
	9/5/00	231	256	No		31	14	No		3	7	No		0.13	No

Guadalupe 018

	9/11/00	24,192	524	Yes		3	9	No		75	11	No		0.00	No
	re-9/13/2000	3	158	No		3	7	No		3	11	No		1.00	No
	9/18/00	292	137	No		10	6	No		3	8	No		0.03	No
	9/25/00	1,137	354	No		10	8	No		10	7	No		0.01	No
	10/2/00	10	189	No		3	5	No		10	9	No		0.30	No
	10/9/00	146	181	No		3	4	No		3	8	No		0.02	No
	10/16/00	146	77	No		30	7	No		20	6	No		0.21	No
	10/23/00	20	106	No		3	7	No		3	6	No		0.15	No
	10/30/00	Not sampled due to road closed													
	11/6/00	185	60	No		20	7	No		3	6	No		0.11	No
	11/13/00	121	99	No		3	7	No		3	4	No		0.02	No
	11/20/00	20	67	No		3	7	No		20	6	No		0.15	No
	11/27/00	3	31	No		3	4	No		3	4	No		1.00	No
	12/4/00	30	33	No		3	4	No		3	4	No		0.10	No
	12/11/00	3	22	No		3	4	No		3	4	No		1.00	No
	12/18/00	20	15	No		10	4	No		3	4	No		0.50	No
	12/26/00	3	8	No		3	4	No		10	5	No		1.00	No
	1/2/01	20	8	No		10	4	No		3	4	No		0.50	No
	1/8/01	41	13	No		31	7	No		20	5	No		0.76	No
	1/16/01	30	13	No		3	7	No		20	7	No		0.10	No
	1/22/01	3	13	No		3	7	No		3	7	No		1.00	No
	1/29/01	63	16	No		3	5	No		10	8	No		0.05	No
	2/5/01	355	34	No		3	5	No		10	8	No		0.01	No
	2/12/01	24,192	112	Yes		52	7	No		85	15	No		0.00	No
	2/20/01	63	121	No		3	5	No		3	11	No		0.05	No
	2/26/01	3	82	No		3	5	No		3	8	No		1.00	No
	3/6/01	11,199	323	Yes		187	10	No		480	18	Yes		0.02	No
	3/8/01	2,224	586	No		30	14	No		155	29	Yes		0.01	No
	3/12/01	134	498	No		3	14	No		3	24	No		0.02	No
	3/19/01	74	190	No		3	9	No		3	13	No		0.04	No
	3/26/01	364	254	No		10	11	No		3	13	No		0.03	No
	4/2/01	269	538	No		10	13	No		3	13	No		0.04	No
	4/9/01	410	310	No		3	7	No		3	6	No		0.01	No
	4/16/01	10	126	No		3	4	No		3	3	No		0.30	No
	4/23/01	52	108	No		3	4	No		3	3	No		0.06	No