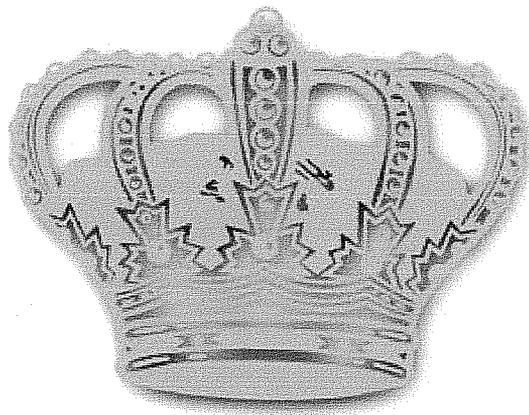


**FINAL REPORT
CLEAN BEACHES INITIATIVE PROJECT
STATE WATER RESOURCES CONTROL BOARD
CONTRACT NO. 01-082-550-02**



**CITY OF CORONADO
DEPARTMENT OF PUBLIC SERVICES**

MAY 2006

CLEAN BEACHES INITIATIVE PROJECT
SWRCB No. 01-082-550-02

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Executive Summary

As a coastal community, the City of Coronado's storm water pipelines discharge into surrounding waters. Lines located at the North Beach outfall were a continuing potential source of bacteria because these lines siphon under an existing electrical line, and never fully flush when discharged. The City of Coronado received a \$1,000,000 grant through the Costa-Machado Water Act of 2000 to construct maintenance access ports for these storm drain lines. The project's objectives were to improve the water quality of surrounding waters by preventing potential pollutants in urban runoff from reaching the ocean or bay. The maintenance access ports allow the City to pump out and divert stagnant water in these storm drain lines, preventing this potential pollutant from reaching surrounding waters. The grant also allowed for the construction of eleven dry/wet weather diversion structures at various locations within the City to divert urban runoff into the sanitary sewer system.

Construction was completed in June of 2004, and the monitoring period began, extending from June of 2004 through December of 2005. During that period the City of Coronado performed dry weather monitoring in September of 2004 and September of 2005, performed water sampling at four sample sites twice per week, performed regular maintenance and cleaning an average of 29 times per diversion structure, and diverted more than 41,000,000 gallons of potentially polluted nuisance water to the sanitary sewer system.

During the post-construction monitoring period, no discharges from the City of Coronado storm water system caused any beach closure. All beach closures during the post-construction reporting period were due to contamination from urban runoff emanating from the Tijuana River Valley. We believe that the completion of this project and the diversion of nuisance water into the sanitary sewer system achieved the goal of enhancing water quality in the San Diego Bay and along the Pacific Ocean by preventing contamination from urban runoff from the City of Coronado to reach surrounding waters.

Questions or comments regarding this report can be directed to Ms. Kimberly Godby, Services Supervisor for the City of Coronado, at (619) 522-7387, or at KGodby@coronado.ca.us

Definitions

The following definitions of terms used in the body of this report are taken from the County of San Diego's Department of Environmental Health (DEH). The County DEH is the agency responsible for notifying individual cities and other agencies of the need to close beach areas to recreational use due to reports of sewage contamination, or to post advisory warnings due to exceedances in water quality standards.

Advisory: A warning issued when monitoring reveals ocean or bay quality does not meet State standards due to high bacterial levels. Bacterial indicators are not specific to humans, and may be from other sources including wildlife, pets, soils and rotting vegetation; however, ocean or bay waters with elevated bacterial levels may contain human pathogens which can cause illness.

Water quality standard exceedances are any counts higher than the following:

Total Coliform > 1,000

E. Coli > 400

Enterococcus > 104

Closure: Water contact closure is issued any time a reported sewage spill impacts or may impact ocean or bay recreational waters. Sewage contaminated water may contain human pathogens that can cause illnesses.

General Advisory: Issued whenever 0.2" or more of rainfall occurs, to alert the public of ocean and bay water contamination by urban runoff. Bacterial levels can increase significantly in ocean and bay waters, especially near all storm drain, river, and lagoon outlets, during and after rainstorms.

Posting: The act of putting up notices notifying beachgoers of advisories or beach closures. Advisory/warning signs are posted 150 feet to either side of a sampling location where water quality does not meet State standards. Beach closure signs advise beachgoers to avoid contact with ocean and/or bay waters in the closure area and where closure signs are posted.

Introduction

Senate Bill 739, Budget Act 2001, appropriated money from the Costa-Machado Water Act of 2000, Coastal Nonpoint Source Program, to fund projects for 38 beaches, including \$1,000,000 for Coronado Beach to help reduce the health risks and increase the public's access to clean beaches. The scope of work agreed to included installing maintenance access ports and dry/wet weather diversion structures in the City of Coronado.

Statement of Purpose

In 1998 the City's North Beach outfall area was 303(d) listed as an impaired water body for bacteria. These exceedances were attributed to the City's operation of a storm water collection system designed to discharge storm water and ground water from an attached ground water dewatering system through an outfall at North Beach. In September of 1999 the City ceased discharging ground water to North Beach, and twice-weekly water quality testing over the next three years confirmed the improvement in water quality such that, in 2002, the Water Quality Control Board removed North Beach from the 303(d) listing.

The potential for pollutants of concern from ground water, including bacteria, to reach receiving waters during storm events still existed, however, and in August of 2001 the City of Coronado was granted \$1,000,000 from the State of California to install maintenance access ports and dry/wet weather diversion structures.

A good indicator of the positive impact this project has had on surrounding waters' water quality is the following comparison of the number of beach closure days, and their causes, between the pre-project period (January 2000 through December 2001) and the post-project period (June 2004 through December 2005).

Table One – Beach Closures and Their Causes

Pre-Project			
Total Closure Days	Urban Runoff, Tijuana	Bacteria	Abandoned Waste
45	30	13	2
Post - Project			
Total Closure Days	Urban Runoff, Tijuana	Bacteria	Abandoned Waste
51	51	0	0

As indicated, all beach closure days subsequent to the completion of construction were caused by urban runoff emanating from the Tijuana River Valley.

Project Scope and Description

The scope of work consisted of the construction of three maintenance access ports on the existing storm water pipelines at North Beach. These storm drain pipelines siphon underneath an electrical line, and never fully flush when discharged. The trapped, stagnant water, amounting to in excess of 1,000,000 gallons, was a potential breeding ground for bacteria. The maintenance access ports would allow City staff to pump out and divert to the sewer any stagnant/standing water remaining in these storm drain lines, thus preventing this potential pollutant from reaching the Pacific Ocean. While nuisance water and limited wet weather flow were both diverted to the sanitary sewer system, in any major rain event these storm drain lines were discharged to the ocean, potentially discharging the bacteria as well. The project also included the construction of 260 feet of 6" pipeline to carry the diverted nuisance water from the access ports to Ocean Boulevard, and the construction of 2,500 feet of 10" sewer main line. Additionally, eleven dry/wet weather pollutant diversion structures and their associated piping were constructed. These diversion structures would allow for urban runoff to be diverted from the storm drain system into the sanitary sewer system, thus preventing this potential pollutant from reaching surrounding waters. *Map Exhibit One* shows the location of the diversion structures.

Task Products

Table Two below indicates the Task Products required, and the date of completion for each Task Product.

Table Two – Task Products

Task Product	Completion Date
Coastal Commission Permit	Not Required
SDRWQCB Dewatering Permit	Not Required
Quality Assurance Project Plan	September 2, 2002
100% Engineering Plans and Specifications	November 2, 2002
Notice to Proceed Issued	February 25, 2003
Construction Completion	June 29, 2004
Quarterly Reports During Monitoring Period	Final August 2005
Submittal of Draft Final Report	December 2005

Quality Assurance Project Plan Monitoring Results
Dry Weather Monitoring, City of Coronado

As required by Order No. 2001-01, the City of Coronado performs dry weather monitoring of outfalls within its jurisdiction at least once during the time period May 1st through September 30th of each year. The City of Coronado performed dry weather monitoring twice during the dry/wet weather pollutant diversion structures' monitoring period (June 2004 through September 2005), once in September 2004 and again in September 2005.

The City of Coronado has 45 sites along the shoreline which are subject to dry weather monitoring. Of those 45 sites, 21 sites relate to constructed diversion structures. Eight of these monitoring sites are directly downstream of a diversion structure, while the remaining 13 are upstream of diversion structures. *Table Three* shows dry weather monitoring results for the 21 sites related to the diversion structures.

Table Three – Dry Weather Monitoring Test Locations

Diversion Structure	Downstream Test Location	Results	
		2004	2005
First and Alameda	First and Alameda, City Yard	Dry	Dry
First and Orange	Orange Avenue at Centennial Park	Flowing	Flowing
	South of Peohe's pier in riprap	Dry	Tidal
Churchill/RH Dana	Flora Avenue and Ocean Blvd	Dry	Dry
Star Park	Loma Avenue and Ocean Blvd	Dry	No Flow
F Avenue	Alameda Blvd and Ocean Blvd	Dry	Dry
G Avenue	G Street and Ocean Blvd	No Flow	Dry
Pine Street	Pine Street and Ocean Blvd	Dry	No Flow
	Upstream Test Location		
First and Alameda	First St and Alameda	Dry	Dry
	Second St. and Palm Ave.	No Flow	Dry
	Fourth St. and Alameda Blvd.	No Flow	No Flow
First and A	First and A by water boxes	Tidal	No Flow
	First and A across from water boxes	No Flow	
Glorietta	Tenth St and Glorietta Blvd	Dry	Dry
Star Park	Tenth St and Orange Ave, SE corner	Dry	Dry
	Ninth St and Orange Ave, SE corner	Dry	Dry
	Eighth and Orange Ave, SE corner	No Flow	Dry
	707 Orange Avenue	Dry	Dry
	Sixth St and Orange Ave, SE corner	No Flow	Dry
G Avenue	Tenth Ave alley between F/G	Dry	Dry
	Sixth Street and G Avenue	Dry	Dry

The only monitoring site which had flow is located directly downstream from an active subterranean dewatering system.

Water Sampling, City of Coronado

As stated previously, the City of Coronado voluntarily tests four sites, North Beach Surf Zone 'C', North Beach Surf Zone 'A', Center Beach, and Avenida del Sol, twice a week year-round. *Map Exhibit Two* shows the location of the water sampling sites. These sites were chosen after the North Beach outfall area was 303(d) listed as an impaired water body for bacteria in 1998. These four sites encompass the entire public beach in this area, and the City felt that long-term improvements in water quality at these locations would justify to the State of California our request to have the North Beach outfall area de-listed. As part of our ongoing commitment to water quality, we have continued to test these four locations to the present day. This is the most extensive voluntary testing program in Southern California. *Table Four* compares water quality sampling and exceedances prior to the receipt of grant funding and the start of the project (January of 2000 through December 2001) and post-project, during the monitoring phase (June 2004 through December 2005). These two periods are of the nearly the same duration, and the post-project period was chosen as this was the period of time in which the diversion structures were all completed and brought on-line.

***Table Four – Water Quality Sampling Results
Pre-Project and Post-Project***

Site	Diversion Structure ID	Jan 00 – Dec 01 (24 months) (Pre-Project)		June 04 – Dec 05 (18 months) (Post-Project)	
		No of Samples	Exceedances	No of Samples	Exceedances
'C'	Pine Street	195	9	148	2
'A'	G Avenue	225	12	150	8
Center	F Avenue	203	9	147	2
	Star Park				
	Churchill				
Del Sol	Avenida del Sol*	152	11	146	2
	Ave de las Arenas*				
Totals		775	41	591	14

* The outfalls associated with these diversion structures are currently buried under sand; we are diverting water which would seep out through the sand and into surrounding waters.

Comparison of the pre-project and post-project time periods shows a significant decrease in the number of exceedances at each site, with a 65% reduction in the number of exceedances from the pre-project (January 2000 through December 2001) period to the post-project period of June 2004 through September 2005.

North Beach Surf Zone 'A' continues to show more exceedances than the other sampling locations, as the City still is forced to pump out to the beach during major rain events, both to prevent overloading the capacity of the City's sanitary sewer system and to prevent public and private property damage due to flooding. However, the percentage of total exceedances as compared to the total number of samples taken has decreased dramatically during the post-project monitoring phase. *Table Five* summarizes this data.

**Table Five – Percentage of Exceedances to Samples
Pre-Project and Post-Project**

Site	Diversion Structure ID	Jan 2000 – Dec 2001 (Pre-Project)			June 2004 – December 2005 (Post-Project)		
		Exceed	Samples	%	Exceed	Samples	%
'C'	Pine Street	9	195	4.62%	2	148	1.35%
'A'	G Avenue	12	225	5.33%	8	150	5.33%
'Center'	F Avenue	9	203	4.43%	2	147	1.36%
	Star Park						
	Churchill						
'Del Sol'	Avenida del Sol*	11	152	7.24%	2	146	1.37%
	Ave de las Arenas*						
	Total	41	775	5.29%	14	591	2.36%

* The outfalls associated with these diversion structures are currently buried under sand; we are diverting water which would seep out through the sand and into surrounding waters.

The County of San Diego, Department of Environmental Health issues beach closures and advisories based on the data collected by the County, by the City of Coronado, and by the San Diego Unified Port District. The causes of beach closures for the pre-project period, January 2000 through December 2001, are shown in *Table Six (a)*. Causes of beach closures for the post-project period, June 2004 through December 2005, are shown in *Table Six (b)*. The City's beaches were closed and posted for the durations indicated as 'Total Closure Days' in both tables.

**Table Six (a) – Causes of Beach Closures
Pre-Project**

Date	Total Closure Days	Urban Runoff, Tijuana	Bacteria	Abandoned Waste
2/24/2000	4	*		
4/14/2000	1		*	
4/19/2000	2	*		
5/24/2000	2		*	
6/22/2000	1		*	
7/12/2000	1		*	
8/2/2000	2			*
9/22/2000	3		*	
1/12/2001	3	*		
2/13/2001	5	*		
2/25/2001	5	*		
3/6/2001	7	*		
4/2/2001	4	*		
5/17/2001	1		*	
7/19/2001	1		*	
7/23/2001	1		*	
8/1/2001	2		*	
	45	30	13	2

* Blue shaded areas indicate the cause of the closure for each instance listed.

**Table Six (b) – Causes of Beach Closures
Post-Project**

Date	Total Closure Days	Urban Runoff, Tijuana	Bacteria	Abandoned Waste
10/19/2004	6	*		
10/27/2004	5	*		
12/6/2004	4	*		
12/28/2004	17	*		
2/11/2005	5	*		
2/18/2005	10	*		
4/28/2005	4	*		
	51	51		

* Yellow shaded areas indicate the cause of the closure for each instance listed.

As is apparent, since the beginning of the ‘post-project’ monitoring period, all of the beach closures have been related to urban runoff from the Tijuana River Basin. This is a significant improvement over the ‘pre-project’ period. During the ‘pre-project’ period, 60% of the exceedance events were attributed to bacterial exceedances and abandoned waste. The dry/wet weather diversion structures, along with the City’s other cleaning, maintenance and enforcement efforts, by preventing any potential source of bacterial exceedance from reaching the City’s surrounding waters, have improved water quality.

Water quality data tables for the four sites tested by the City of Coronado are included as Attachments One through Four.

Glorietta Bay Park Beach, County Department of Environmental Health (Revised)

As required by the County-wide AB 411 program, the County Department of Environmental Health monitors the waters at Glorietta Bay Park Beach from April 1st to October 1st of each year. During the monitoring period, Glorietta Bay Park Beach experienced one exceedance for Enterococcus, on April 12, 2005, and two exceedances for Total Coliform, on September 14, 2005 and September 15, 2005. An advisory for bacterial levels was issued from April 13, 2005 through April 17, 2005. There was no known cause for this exceedance and the location of testing has no correlation with the location of the outfall structure linked to the diversion structure. The City of Coronado was notified of a potential illicit discharge from private property in Glorietta Bay on September 15, 2005. Laboratory samples were taken at two different locations, lab results were within standards. The County’s testing showed an exceedance for Total Coliform on September 14, 2005, and again on September 15, 2005. It is possible that the County’s exceedances for Total Coliform were related to this incident; however, the County’s sampling location is approximately one-half mile from the site of the illicit discharge. There were no discharges from public property which could account for these exceedances, and it is likely that they were the result of natural conditions, as there were no exceedances for either E. Coli or Enterococcus, which would be indicators of a sewage spill. Given these facts, the County determined not to post an advisory at this location. *Table Seven* summarizes the sampling results for Glorietta Bay Park Beach during the reporting period. Water quality data from the County of San Diego is included as Attachment Five.

Table Seven – Water Quality, Glorietta Bay Park Beach

Glorietta Bay Park Beach (County Department of Environmental Health)		
Number of Samples	Number of Exceedances	Percentage
39	3	10.3%

Tidelands Park Beach, County Department of Environmental Health

As stated in the Executive Summary, the original scope of work included the construction of a dry/wet weather diversion structure at Tidelands Park; however, after review of the responsive bids and award of the bid, it was determined that funding was not available for that diversion structure. Therefore, Tidelands Park is not included in this draft final report.

Avenida del Sol, San Diego Metropolitan Wastewater District

The San Diego Metropolitan Wastewater District monitors waters in the surf zone at Avenida del Sol once per week in the summer months and twice per week at other times of the year. *Table Eight (a)* shows the data related to the samples taken by the San Diego Metropolitan Wastewater District during the ‘post-project’ period.

***Table Eight (a) – Avenida del Sol Sampling Results
San Diego Metropolitan Wastewater District***

Number of Sampling Events	Number of Exceedances	Number of Exceedances within 72 hrs of Rain	Number of Exceedances During Dry Weather Sampling
112	22	19	3

The protocols for dry weather monitoring require that at least 72 hours must elapse after a rain event before dry weather monitoring can occur. On a number of occasions, the San Diego Metropolitan Wastewater District tested water quality within the 72 hour prescribed period. Applying this requirement to the samples, and eliminating those samples collected within 72 hours of a measurable rain event, leaves three dry weather exceedances experienced during the ‘post-project’ period. *Table Eight (b)* shows the exceedances experienced after eliminating the samples collected within 72 hours of a measurable rain event.

***Table Eight (b) Avenida del Sol Sampling Results
San Diego Metropolitan Wastewater District
Samples Taken Within 72 Hours of a Rain Event Eliminated***

Date	Total Coliform (> 1,000/100 ml)	Fecal Coliform (>400/100ml)	Enterococcus (>104/100 ml)	Remarks
7/27/2004			120	
8/3/2004	8400			
10/22/2004	3000	1700	178	Urban runoff, Tijuana River

Historically, this site attracts a great deal of avian activity during warmer months, and the surmise is that guano in the surf zone could be a contributory factor. Water quality data from the San Diego Metropolitan Wastewater District is included as Attachment Six.

Tidelands Park Dry Weather Monitoring, San Diego Unified Port District

As stated in the Executive Summary, the original scope of work included the construction of a dry/wet weather diversion structure at Tidelands Park; however, after review of the responsive bids and award of the bid, it was determined that funding was not available for that diversion structure. Therefore, Tidelands Park is not included in this draft final report.

Storm Drain Flows

As documented over the course of the reporting period in the submitted Quarterly Reports, the City has expended a considerable amount of time and effort to ensure the operation of the dry/wet weather diversion structures as designed. Debris and sand washing into the diversion structures during rain events damaged diversion structures; modifications were made to the structures to limit this occurrence. The influence of tidal action on three diversion structures damaged pumps; field design modifications were installed to compensate for the tidal influence. While this combination of construction defects, design modifications, and the impact of a significant amount of rainfall during the wet weather season impacted the operation of some of the diversion structures, no dry weather flow occurred and 'first flush' flow was diverted into the sanitary sewer system. It is obvious after this first year of continued operation, however, that cleaning and maintenance activities will be greater than originally anticipated. Copies of the Quarterly Reports are included as Attachment Seven.

Hour meters for the pumps were brought on line during the course of the monitoring period. *Table Nine* shows the number of gallons diverted into the sanitary sewer system from the seven diversion structures which have pumps installed.

Table Nine – Gallons Diverted Summary

Diversion Structure	Hours of Operation	Minutes of Operation	GPM	Gallons Diverted
First Street/A Avenue	272.25	16,335.00	150	2,450,250.00
First Street/Alameda Boulevard	711.89	42,713.40	150	6,407,010.00
Pine Street/Ocean Boulevard	694.02	41,641.20	150	6,246,180.00
G Avenue/Ocean Boulevard	480.06	28,803.60	150	4,320,540.00
RH Dana/Ocean Boulevard	1037.50	62,250.00	150	9,337,500.00
Tenth Street/Glorietta Boulevard	1128.14	67,688.40	150	10,153,260.00
Star Park	251.43	15,085.80	150	2,262,870.00
Total Gallons of Flow Diverted				41,177,610.00

Pollutants Removed

As part of the monitoring effort, the City of Coronado performed regular inspections and cleaning of diversion structure wet wells during the monitoring period, cleaning each structure on average 29 times. Attachment Eight summarizes the cleaning and inspection data by monitoring period quarter.

Additionally, in an effort to characterize the type of nuisance water being diverted into the sanitary sewer system, the City sampled all diversion structure wet wells. It is important to note that these grab samples were taken from stagnant, ponded water standing below the pump level in diversion vaults. The results of these tests are shown in *Table Ten*.

Table Ten – Diversion Structure Sampling Results

Diverter Location	Total Coliform (>1000/100 ml)	Fecal Coliform (>400/100 ml)	Enterococcus (>104/100 ml)
First/Orange	>24192	74	1652
First/A	>24192	529	364
Pine Street	>24192	443	560
First/Alameda	>24192	1785	>2005
F Avenue	>24192	>24192	>2005
G Avenue	>24192	246	>2005
Star Park	>24192	19863	>2005
RH Dana	>24192	19863	>2005
Glorietta	19863	749	1652
Avenida del Sol	>24192	74	20
Avenida de las Arenas	>24192	712	>2005

These tests were performed by the County of San Diego Public Health Laboratory. The test results are included as Attachment Nine.

Effectiveness in Reducing Non-Point Source Pollution

The very fact that more than 41,000,000 gallons of nuisance water and ‘first flush’ rain water was diverted into the sanitary sewer system is an indicator of the effectiveness of our efforts to reduce non-point source pollution. The amount of water diverted, along with the test results from our grab samples, are the most potent indicators of the contribution that the dry/wet weather diversion structures make to the improvement in water quality in our surrounding waters. Only three of the 33 tests taken were under action levels; the vast majority of the samples showed exceedances in excess of the parameters of the test. These potential pollutants were prevented from reaching receiving waters, thus enhancing water quality in Coronado’s surrounding waters.

Conclusion

The City of Coronado believes that the construction of the eleven dry/wet weather diversion structures and the construction of the maintenance access ports to service the North Beach storm water lines have had a significant positive impact on water quality in the City's surrounding waters. As the results of the grab samples taken from the diversion structure wet wells indicate, bacterial pollutants in the nuisance water were diverted to the sanitary sewer system, thus preventing these pollutants from reaching the San Diego Bay and the Pacific Ocean.

The significant challenge to the City of Coronado, as well as to other coastal cities in the region, is the impact that urban runoff, including sewage, from the Tijuana River Valley has on coastal waters. This issue is extremely complex and will require the cooperation of the United States government as well as the government of Mexico.

CITY/COUNTY WATER TEST SITES



Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geometric mean	Flag: TC > 1000	Flag: FC > 400	Flag: Entero > 104	n-TC > 1000 in 30-day Period	n-FC > 400 in 30-day Period	n-FC > 400 in 60-day Period	% TC > 1000 in 30-day Period	% FC > 400 in 30-day Period	% FC > 400 in 60-day Period	Enterococcus	Source
5/27/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
5/28/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
5/29/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
5/30/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
5/31/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/1/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/2/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/3/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/4/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/5/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/6/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/7/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/8/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/9/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/10/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/11/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/12/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
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6/15/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/16/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/17/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/18/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/19/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/20/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/21/2004				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
6/22/2004		20	20	1	1	20.00				0	0	0	0%	0%	0%	<	10
6/23/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/24/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/25/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/26/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/27/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/28/2004				1	1	20.00				0	0	0	0%	0%	0%		
6/29/2004		40	40	2	2	28.28				0	0	0	0%	0%	0%	=	20
6/30/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/1/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/2/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/3/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/4/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/5/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/6/2004				2	2	28.28				0	0	0	0%	0%	0%		
7/7/2004		20	20	3	3	25.20				0	0	0	0%	0%	0%	=	20
7/8/2004				3	3	25.20				0	0	0	0%	0%	0%		
7/9/2004				3	3	25.20				0	0	0	0%	0%	0%		
7/10/2004				3	3	25.20				0	0	0	0%	0%	0%		
7/11/2004				3	3	25.20				0	0	0	0%	0%	0%		
7/12/2004				3	3	25.20				0	0	0	0%	0%	0%		
7/13/2004		20	20	4	4	23.78				0	0	0	0%	0%	0%	<	10
7/14/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/15/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/16/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/17/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/18/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/19/2004				4	4	23.78				0	0	0	0%	0%	0%		
7/20/2004		20	20	5	5	22.97				0	0	0	0%	0%	0%	<	10

Giorgetta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geometric mean	Flag: TC > 1000	Flag: FC > 400	Flag: Entero > 104	n-TC > 1000 in 30-day Period	n-FC > 400 in 30-day Period	n-FC > 400 in 60-day Period	% TC > 1000 in 30-day Period	% FC > 400 in 30-day Period	% FC > 400 in 60-day Period	Enterococcus	Source
7/21/2004				5	5	22.97				0	0	0	0%	0%	0%		
7/23/2004				4	5	23.78				0	0	0	0%	0%	0%		
7/24/2004				4	5	23.78				0	0	0	0%	0%	0%		
7/25/2004				4	5	23.78				0	0	0	0%	0%	0%		
7/26/2004				4	5	23.78				0	0	0	0%	0%	0%		
7/27/2004		<	20	5	6	22.97				0	0	0	0%	0%	0%	10	County
7/28/2004				5	6	22.97				0	0	0	0%	0%	0%		
7/29/2004				5	6	22.97				0	0	0	0%	0%	0%		
7/30/2004				4	6	20.00				0	0	0	0%	0%	0%		
8/1/2004				4	6	20.00				0	0	0	0%	0%	0%		
8/2/2004				4	6	20.00				0	0	0	0%	0%	0%		
8/3/2004				4	6	20.00				0	0	0	0%	0%	0%		
8/4/2004				4	6	20.00				0	0	0	0%	0%	0%		
8/5/2004		>	20	5	7	20.00				0	0	0	0%	0%	0%	10	County
8/6/2004				5	7	20.00				0	0	0	0%	0%	0%		
8/7/2004				4	7	20.00				0	0	0	0%	0%	0%		
8/8/2004				4	7	20.00				0	0	0	0%	0%	0%		
8/9/2004				4	7	20.00				0	0	0	0%	0%	0%		
8/10/2004		>	20	5	8	20.00				0	0	0	0%	0%	0%	10	County
8/11/2004				5	8	20.00				0	0	0	0%	0%	0%		
8/12/2004				5	8	20.00				0	0	0	0%	0%	0%		
8/13/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/14/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/15/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/16/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/17/2004		=	20	5	9	20.00				0	0	0	0%	0%	0%	10	County
8/18/2004				5	9	20.00				0	0	0	0%	0%	0%		
8/19/2004				5	9	20.00				0	0	0	0%	0%	0%		
8/20/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/21/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/22/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/23/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/24/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/25/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/26/2004		>	20	5	9	20.00				0	0	0	0%	0%	0%	10	County
8/27/2004				5	9	20.00				0	0	0	0%	0%	0%		
8/28/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/29/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/30/2004				4	8	20.00				0	0	0	0%	0%	0%		
8/31/2005		=	80	5	9	26.39				0	0	0	0%	0%	0%	10	County
9/1/2004				5	9	26.39				0	0	0	0%	0%	0%		
9/2/2004				5	9	26.39				0	0	0	0%	0%	0%		
9/3/2004				5	9	26.39				0	0	0	0%	0%	0%		
9/4/2004				5	8	26.39				0	0	0	0%	0%	0%		
9/5/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/6/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/7/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/8/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/9/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/10/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/11/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/12/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/13/2004				3	7	31.75				0	0	0	0%	0%	0%		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geometric mean	Flag: TC > 1000	Flag: FC > 400	Flag: Entero > 104	n-TC > 1000 in 30-day Period	n-FC > 400 in 30-day Period	n-FC > 400 in 60-day Period	% TC > 1000 in 30-day Period	% FC > 400 in 30-day Period	% FC > 400 in 60-day Period	Enterococcus	Source
9/14/2004		<	20	4	8	28.28				0	0	0	0%	0%	0%	10	County
9/15/2004		<	20	4	8	28.28				0	0	0	0%	0%	0%		
9/16/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/17/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/18/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/19/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/20/2004		=	20	4	8	28.28				0	0	0	0%	0%	0%	10	County
9/21/2004		<	20	4	8	28.28				0	0	0	0%	0%	0%		
9/22/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/23/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/24/2004				4	7	28.28				0	0	0	0%	0%	0%		
9/25/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/26/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/27/2004				3	7	31.75				0	0	0	0%	0%	0%		
9/28/2004		<	20	4	8	28.28				0	0	0	0%	0%	0%	10	County
9/29/2004				4	8	28.28				0	0	0	0%	0%	0%		
9/30/2004				4	8	28.28				0	0	0	0%	0%	0%		
10/1/2004				3	8	20.00				0	0	0	0%	0%	0%		
10/2/2004				3	8	20.00				0	0	0	0%	0%	0%		
10/3/2004				3	7	20.00				0	0	0	0%	0%	0%		
10/4/2004		<	20	4	8	20.00				0	0	0	0%	0%	0%	10	County
10/5/2004				4	8	20.00				0	0	0	0%	0%	0%		
10/6/2004				4	8	20.00				0	0	0	0%	0%	0%		
10/7/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/8/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/9/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/10/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/11/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/12/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/13/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/14/2004				4	7	20.00				0	0	0	0%	0%	0%		
10/15/2004				3	6	20.00				0	0	0	0%	0%	0%		
10/16/2004				3	6	20.00				0	0	0	0%	0%	0%		
10/17/2004	0.15			3	6	20.00				0	0	0	0%	0%	0%		
10/18/2004	0.02			3	6	20.00				0	0	0	0%	0%	0%		
10/19/2004	0.65			3	6	20.00				0	0	0	0%	0%	0%		
10/20/2004	0.96			3	6	20.00				0	0	0	0%	0%	0%		
10/21/2004	0.37			2	6	20.00				0	0	0	0%	0%	0%		
10/22/2004				2	5	20.00				0	0	0	0%	0%	0%		
10/23/2004				2	5	20.00				0	0	0	0%	0%	0%		
10/24/2004				2	5	20.00				0	0	0	0%	0%	0%		
10/25/2004	0.01	=	230	3	6	37.33				0	0	0	0%	0%	0%	75	County
10/26/2004				3	6	37.33				0	0	0	0%	0%	0%		
10/27/2004	2.21			3	6	37.33				0	0	0	0%	0%	0%		
10/28/2004	0.82			3	6	37.33				0	0	0	0%	0%	0%		
10/29/2004				2	5	50.99				0	0	0	0%	0%	0%		
10/30/2004		=	80	3	6	37.33				0	0	0	0%	0%	0%	42	County
10/31/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/1/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/2/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/3/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/4/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/5/2004				3	6	37.33				0	0	0	0%	0%	0%		
11/6/2004				2	6	50.99				0	0	0	0%	0%	0%		
11/7/2004				2	6	50.99				0	0	0	0%	0%	0%		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 In 30-day Period	n-FC<400 In 30-day Period	n-FC<400 In 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30- day Period	% FC >400 in 60- day Period	Enterococcus	Source
11/8/2004				2	6	50.99				0	0	0	0%	0%	0%		
11/9/2004	0.34			2	6	50.99				0	0	0	0%	0%	0%		
11/10/2004				2	6	50.99				0	0	0	0%	0%	0%		
11/11/2004				2	6	50.99				0	0	0	0%	0%	0%		
11/12/2004	0.001			2	5	50.99				0	0	0	0%	0%	0%		
11/13/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/14/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/15/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/16/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/17/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/18/2004				2	5	50.99				0	0	0	0%	0%	0%		
11/19/2004				2	4	50.99				0	0	0	0%	0%	0%		
11/20/2004				2	4	50.99				0	0	0	0%	0%	0%		
11/21/2004	0.2			2	4	50.99				0	0	0	0%	0%	0%		
11/22/2004				2	4	50.99				0	0	0	0%	0%	0%		
11/23/2004				2	4	50.99				0	0	0	0%	0%	0%		
11/24/2004				2	4	50.99				0	0	0	0%	0%	0%		
11/25/2004				1	4	20.00				0	0	0	0%	0%	0%		
11/26/2004				1	3	20.00				0	0	0	0%	0%	0%		
11/27/2004				1	3	20.00				0	0	0	0%	0%	0%		
11/28/2004	0.08			1	3	20.00				0	0	0	0%	0%	0%		
11/29/2004				1	3	20.00				0	0	0	0%	0%	0%		
11/30/2004				0	3	20.00				0	0	0	0%	0%	0%		
12/1/2004				0	3	#NUM!				0	0	0	0%	0%	0%		
12/2/2004				0	3	#NUM!				0	0	0	0%	0%	0%		
12/3/2004				0	3	#NUM!				0	0	0	0%	0%	0%		
12/4/2004	1.27			0	2	#NUM!				0	0	0	0%	0%	0%		
12/5/2004	0.05			0	2	#NUM!				0	0	0	0%	0%	0%		
12/6/2004	0.09			0	2	#NUM!				0	0	0	0%	0%	0%		
12/8/2004	0.16			0	2	#NUM!				0	0	0	0%	0%	0%		
12/9/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/10/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/11/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/12/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/13/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/14/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/15/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/16/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/17/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/18/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/19/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/20/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/21/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/22/2004				0	2	#NUM!				0	0	0	0%	0%	0%		
12/23/2004				0	1	#NUM!				0	0	0	0%	0%	0%		
12/24/2004				0	1	#NUM!				0	0	0	0%	0%	0%		
12/25/2004				0	1	#NUM!				0	0	0	0%	0%	0%		
12/26/2004				0	1	#NUM!				0	0	0	0%	0%	0%		
12/27/2004				0	1	#NUM!				0	0	0	0%	0%	0%		
12/28/2004	0.78			0	0	#NUM!				0	0	0	0%	0%	0%		
12/29/2004	1.07			0	0	#NUM!				0	0	0	0%	0%	0%		
12/30/2004	0.03			0	0	#NUM!				0	0	0	0%	0%	0%		
12/31/2004	0.3			0	0	#NUM!				0	0	0	0%	0%	0%		
1/1/2005	0.05			0	0	#NUM!				0	0	0	0%	0%	0%		

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Grieta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geometric mean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 in 30-day Period	n-FC>400 in 30-day Period	n-FC>400 in 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30-day Period	% FC >400 in 60-day Period	Enterococcus	Source
1/2/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/3/2005	0.98			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/4/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/5/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/6/2005	0.42			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/7/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/8/2005	1			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/9/2005	0.04			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/10/2005	0.04			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/11/2005	0.67			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/12/2005	0.04			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/13/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/14/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/15/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/16/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/17/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/18/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/19/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/20/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/21/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/22/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/23/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/24/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/25/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/26/2005	0.04			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/27/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/28/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/29/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/30/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
1/31/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/1/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/2/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/3/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/4/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/5/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/6/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/7/2005	0.03			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/8/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/9/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/10/2005	0.03			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/11/2005	1.28			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/12/2005	0.46			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/13/2005	0.02			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/14/2005	0.01			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/15/2005	0.01			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/16/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/17/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/18/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/19/2005	0.52			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/20/2005	0.14			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/21/2005	0.05			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/22/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/23/2005	1			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/24/2005	0.01			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/25/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 In 30-day Period	n-FC>400 In 30-day Period	n-FC>400 In 60-day Period	% TC >1000 in 30-day	% FC >400 in 30-day	% FC >400 in 60-day	Enterococcus	Source
2/26/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/27/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
2/28/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/1/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/2/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/3/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/4/2005	0.08			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/5/2005	1.66			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/6/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/7/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/8/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/9/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/10/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/11/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/12/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/13/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/14/2005	0.04			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/15/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/16/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/17/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/18/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/19/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/20/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/21/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/22/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/23/2005	0.6			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/24/2005	0.09			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/25/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/26/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/27/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/28/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/29/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/30/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
3/31/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
4/1/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
4/2/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
4/3/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
4/4/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	#DIV/0!		
4/5/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/6/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/7/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/8/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/9/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/10/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/11/2005				1	1	20.00				0	0	0	0%	0%	0%		
4/12/2005				2	2	77.46			1	0	0	0	0%	0%	0%		
4/13/2005				2	2	77.46				0	0	0	0%	0%	0%		
4/14/2005				2	2	77.46				0	0	0	0%	0%	0%		
4/15/2005				2	2	77.46				0	0	0	0%	0%	0%		
4/16/2005				3	3	49.32				0	0	0	0%	0%	0%		
4/17/2005				3	3	49.32				0	0	0	0%	0%	0%		
4/18/2005				3	3	49.32				0	0	0	0%	0%	0%		
4/19/2005	0.04			4	4	39.36				0	0	0	0%	0%	0%		
4/20/2005				4	4	39.36				0	0	0	0%	0%	0%		
4/21/2005				4	4	39.36				0	0	0	0%	0%	0%		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 in 30-day Period	n-FC>400 in 30-day Period	n-FC>400 in 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30 day Period	% FC >400 in 60 day Period	Enterococcus	Source
4/22/2005	0.02			4	4	39.36				0	0	0	0%	0%	0%		
4/23/2005				4	4	39.36				0	0	0	0%	0%	0%		
4/24/2005	0.02			4	4	39.36				0	0	0	0%	0%	0%		
4/25/2005				4	4	39.36				0	0	0	0%	0%	0%		
4/26/2005		<	20	5	5	34.38				0	0	0	0%	0%	0%	<	10
4/27/2005				5	5	34.38				0	0	0	0%	0%	0%		County
4/28/2005	0.27			5	5	34.38				0	0	0	0%	0%	0%		
4/29/2005	0.03			5	5	34.38				0	0	0	0%	0%	0%		
4/30/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/1/2005	0.01			5	5	34.38				0	0	0	0%	0%	0%		
5/2/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/3/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/4/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/5/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/6/2005				4	4	39.36				0	0	0	0%	0%	0%		
5/6/2005				4	4	39.36				0	0	0	0%	0%	0%		
5/7/2005				4	4	39.36				0	0	0	0%	0%	0%		
5/8/2005				4	4	39.36				0	0	0	0%	0%	0%		
5/9/2005				4	4	39.36				0	0	0	0%	0%	0%		
5/10/2005		<	20	5	5	34.38				0	0	0	0%	0%	0%	<	10
5/11/2005				5	5	34.38				0	0	0	0%	0%	0%		County
5/12/2005				5	5	34.38				0	0	0	0%	0%	0%		
5/13/2005				4	4	20.00				0	0	0	0%	0%	0%		
5/14/2005				4	4	20.00				0	0	0	0%	0%	0%		
5/15/2005				4	4	20.00				0	0	0	0%	0%	0%		
5/16/2005				4	4	20.00				0	0	0	0%	0%	0%		
5/17/2005		<	20	4	6	20.00				0	0	0	0%	0%	0%	<	10
5/18/2005				4	7	20.00				0	0	0	0%	0%	0%		County
5/19/2005				4	7	20.00				0	0	0	0%	0%	0%		
5/20/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/21/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/22/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/23/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/24/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/25/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/26/2005				3	7	20.00				0	0	0	0%	0%	0%		
5/27/2005				2	7	20.00				0	0	0	0%	0%	0%		
5/28/2005				2	7	20.00				0	0	0	0%	0%	0%		
5/29/2005				2	7	20.00				0	0	0	0%	0%	0%		
5/30/2005				2	7	20.00				0	0	0	0%	0%	0%		
5/31/2005				2	7	20.00				0	0	0	0%	0%	0%		
6/1/2005				2	7	20.00				0	0	0	0%	0%	0%		
6/2/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/3/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/4/2005	0.01			2	6	20.00				0	0	0	0%	0%	0%		
6/5/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/6/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/7/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/8/2005				2	6	20.00				0	0	0	0%	0%	0%		
6/9/2005	0.01			2	6	20.00				0	0	0	0%	0%	0%		
6/10/2005				1	5	20.00				0	0	0	0%	0%	0%		
6/11/2005				1	5	20.00				0	0	0	0%	0%	0%		
6/12/2005				1	5	20.00				0	0	0	0%	0%	0%		
6/13/2005				1	5	20.00				0	0	0	0%	0%	0%		
6/14/2005				1	4	20.00				0	0	0	0%	0%	0%		
6/15/2005				1	4	20.00				0	0	0	0%	0%	0%		

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Gionetta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 In 30-day Period	n-FC>400 In 30-day Period	n-FC>400 In 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30- day Period	% FC >400 in 60- day Period	Enterococcus	Source
6/16/2005				1	4	20.00				0	0	0	0%	0%	0%		
6/17/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/18/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/19/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/20/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/21/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/22/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/23/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/24/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/25/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/26/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/27/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/28/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/29/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
6/30/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/1/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/2/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/3/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/4/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/5/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/6/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/7/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/8/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/9/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/10/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/11/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/12/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/13/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/14/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/15/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/16/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/17/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/18/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/19/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
7/20/2005		211	=	20	1	20.00				0	0	0	0%	0%	0%	10	County
7/21/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/22/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/23/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/24/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/25/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/26/2005				1	1	20.00				0	0	0	0%	0%	0%		
7/27/2005		63	<	10	2	14.14				0	0	0	0%	0%	0%	10	County
7/28/2005				2	2	14.14				0	0	0	0%	0%	0%		
7/29/2005				2	2	14.14				0	0	0	0%	0%	0%		
7/30/2005				2	2	14.14				0	0	0	0%	0%	0%		
7/31/2005				2	2	14.14				0	0	0	0%	0%	0%		
8/1/2005		504	<	10	3	12.60				0	0	0	0%	0%	0%	10	County
8/2/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/3/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/4/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/5/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/6/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/7/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/8/2005				3	3	12.60				0	0	0	0%	0%	0%		
8/9/2005				3	3	12.60				0	0	0	0%	0%	0%		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC >1000 in 30-day Period	n-FC >400 in 30-day Period	n-FC >400 in 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30-day Period	% FC >400 in 60-day Period	Enterococcus	Source
8/10/2005		419	20	4	4	14.14				0	0	0	0%	0%	0%	10	County
8/11/2005				4	4	14.14				0	0	0	0%	0%	0%		
8/12/2005				4	4	14.14				0	0	0	0%	0%	0%		
8/13/2005				4	4	14.14				0	0	0	0%	0%	0%		
8/14/2005				4	4	14.14				0	0	0	0%	0%	0%		
8/15/2005		882	63	5	5	19.07				0	0	0	0%	0%	0%	10	County
8/16/2005				5	5	19.07				0	0	0	0%	0%	0%		
8/17/2005				5	5	19.07				0	0	0	0%	0%	0%		
8/18/2005				5	5	19.07				0	0	0	0%	0%	0%		
8/19/2005				5	5	19.07				0	0	0	0%	0%	0%		
8/20/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/21/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/22/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/23/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/24/2005		160	10	5	5	18.60				0	0	0	0%	0%	0%	10	County
8/25/2005				5	5	18.60				0	0	0	0%	0%	0%		
8/26/2005				5	5	18.60				0	0	0	0%	0%	0%		
8/27/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/28/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/29/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/30/2005				4	4	18.84				0	0	0	0%	0%	0%		
8/31/2005		131	73	5	5	24.70				0	0	0	0%	0%	0%	10	County
9/1/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/2/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/3/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/4/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/5/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/6/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/7/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/8/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/9/2005				4	4	30.97				0	0	0	0%	0%	0%		
9/10/2005				3	3	35.83				0	0	0	0%	0%	0%		
9/11/2005				3	3	35.83				0	0	0	0%	0%	0%		
9/12/2005				7	7	35.83				0	0	0	0%	0%	0%		
9/13/2005				7	7	35.83				0	0	0	0%	0%	0%		
9/14/2005		1918	41	8	8	37.06	1			1	0	0	25%	0%	0%	87	County
9/15/2005		1314	10	5	5	28.52				0	0	0	40%	0%	0%	10	County
9/16/2005				4	4	23.39				0	0	0	50%	0%	0%		
9/17/2005				4	4	23.39				0	0	0	50%	0%	0%		
9/18/2005				4	4	23.39				0	0	0	50%	0%	0%		
9/19/2005				4	4	23.39				0	0	0	50%	0%	0%		
9/20/2005				4	4	23.39				0	0	0	50%	0%	0%		
9/21/2005		195	20	5	5	22.67				0	0	0	40%	0%	0%	10	County
9/22/2005				5	5	22.67				0	0	0	40%	0%	0%		
9/23/2005				5	5	22.67				0	0	0	40%	0%	0%		
9/24/2005				5	5	22.67				0	0	0	40%	0%	0%		
9/25/2005				4	4	27.82				0	0	0	50%	0%	0%		
9/26/2005				4	4	27.82				0	0	0	50%	0%	0%		
9/27/2005				4	4	27.82				0	0	0	50%	0%	0%		
9/28/2005				5	5	22.67				0	0	0	40%	0%	0%		
9/29/2005		63	10	5	5	22.67				0	0	0	40%	0%	0%	10	County
9/30/2005				5	5	22.67				0	0	0	40%	0%	0%		
10/1/2005				5	5	22.67				0	0	0	40%	0%	0%		
10/2/2005				4	4	16.92				0	0	0	50%	0%	0%		
10/3/2005				4	4	16.92				0	0	0	50%	0%	0%		
10/4/2005				4	4	16.92				0	0	0	50%	0%	0%		

Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geomean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC>1000 in 30-day Period	n-FC>400 in 30-day Period	n-FC>400 in 60-day Period	%TC >1000 in 30-day Period	%FC in 30- day Period	%FC in 60- day Period	Enterococcus	Source
10/5/2005		= 52	= 41	5	9	20.20				2	0	0	40%	0%	0%	<	County
10/6/2005				5	9	20.20				2	0	0	40%	0%	0%		
10/7/2005				5	9	20.20				2	0	0	40%	0%	0%		
10/8/2005				5	9	20.20				2	0	0	40%	0%	0%		
10/9/2005				5	8	20.20				2	0	0	40%	0%	0%		
10/10/2005				5	8	20.20				2	0	0	40%	0%	0%		
10/11/2005		= 213	< 10	5	8	20.20				2	0	0	33%	0%	0%	<	County
10/12/2005				6	9	17.97				2	0	0	33%	0%	0%		
10/13/2005				6	9	17.97				2	0	0	33%	0%	0%		
10/14/2005				6	8	15.23				1	0	0	20%	0%	0%		
10/15/2005				5	8	16.92				0	0	0	0%	0%	0%		
10/16/2005	0.05			4	8	16.92				0	0	0	0%	0%	0%		
10/17/2005	0.16			4	8	16.92				0	0	0	0%	0%	0%		
10/18/2005	0.09			4	8	16.92				0	0	0	0%	0%	0%		
10/19/2005		= 1291	= 31	5	9	19.10	1			1	0	0	20%	0%	0%	=	County
10/20/2005				5	9	19.10				1	0	0	20%	0%	0%		
10/21/2005				5	9	18.88				1	0	0	20%	0%	0%		
10/22/2005				4	9	18.88				1	0	0	25%	0%	0%		
10/23/2005				4	8	18.88				1	0	0	25%	0%	0%		
10/24/2005	0.03			4	8	18.88				1	0	0	25%	0%	0%		
10/25/2005	0.02			4	8	18.88				1	0	0	25%	0%	0%		
10/26/2005		= 216	< 10	5	9	16.63				1	0	0	20%	0%	0%	<	County
10/27/2005				5	9	16.63				1	0	0	20%	0%	0%		
10/28/2005				5	9	18.88				1	0	0	25%	0%	0%		
10/29/2005				4	9	18.88				1	0	0	25%	0%	0%		
10/30/2005				4	8	18.88				1	0	0	25%	0%	0%		
10/31/2005				4	8	18.88				1	0	0	25%	0%	0%		
11/1/2005				4	8	18.88				1	0	0	25%	0%	0%		
11/2/2005				4	8	18.88				1	0	0	25%	0%	0%		
11/3/2005				4	8	18.88				1	0	0	25%	0%	0%		
11/4/2005				4	8	18.88				1	0	0	25%	0%	0%		
11/5/2005				3	8	14.58				1	0	0	33%	0%	0%		
11/6/2005				3	8	14.58				1	0	0	33%	0%	0%		
11/7/2005				3	8	14.58				1	0	0	33%	0%	0%		
11/8/2005				3	8	14.58				1	0	0	33%	0%	0%		
11/9/2005				3	8	14.58				1	0	0	33%	0%	0%		
11/10/2005	0.04			3	8	14.58				1	0	0	33%	0%	0%		
11/11/2005	0.06			3	8	17.61				1	0	0	50%	0%	0%		
11/12/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/13/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/14/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/15/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/16/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/17/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/18/2005				2	6	17.61				1	0	0	50%	0%	0%		
11/19/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/20/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/21/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/22/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/23/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/24/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/25/2005				1	5	10.00				0	0	0	0%	0%	0%		
11/26/2005				0	4	10.00				0	0	0	0%	0%	0%		
11/27/2005	0.04			0	4	10.00				0	0	0	0%	0%	0%		
11/28/2005				0	4	10.00				0	0	0	0%	0%	0%		

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Glorietta Bay (County)

Date	Rainfall	TC	FC	n-30	n-60	30-day geometric mean	Flag: TC >1000	Flag: FC > 400	Flag: Entero >104	n-TC >1000 in 30-day Period	n-FC >400 in 30-day Period	n-FC >400 in 60-day Period	% TC >1000 in 30-day Period	% FC >400 in 30-day Period	% FC >400 in 60-day Period	Enterococcus	Source
11/29/2005				0	4	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
11/30/2005				0	4	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/1/2005				0	4	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/2/2005				0	4	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/3/2005	0.1			0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/4/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/5/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/6/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/7/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/8/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/9/2005				0	3	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/10/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/11/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/12/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/13/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/14/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/15/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/16/2005				0	2	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/17/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/18/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/19/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/20/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/21/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/22/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/23/2005				0	1	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/24/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/25/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/26/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/27/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/28/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/29/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/30/2005				0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		
12/31/2005	0.05			0	0	#NUM!				0	0	0	#DIV/0!	#DIV/0!	0%		

Summary
 Number of Observations 31
 Arithmetic Mean 120.65
 Geometric Mean 49.40
 Median 20
 Standard Deviation 198.20
 Coefficient of Variation 1.64