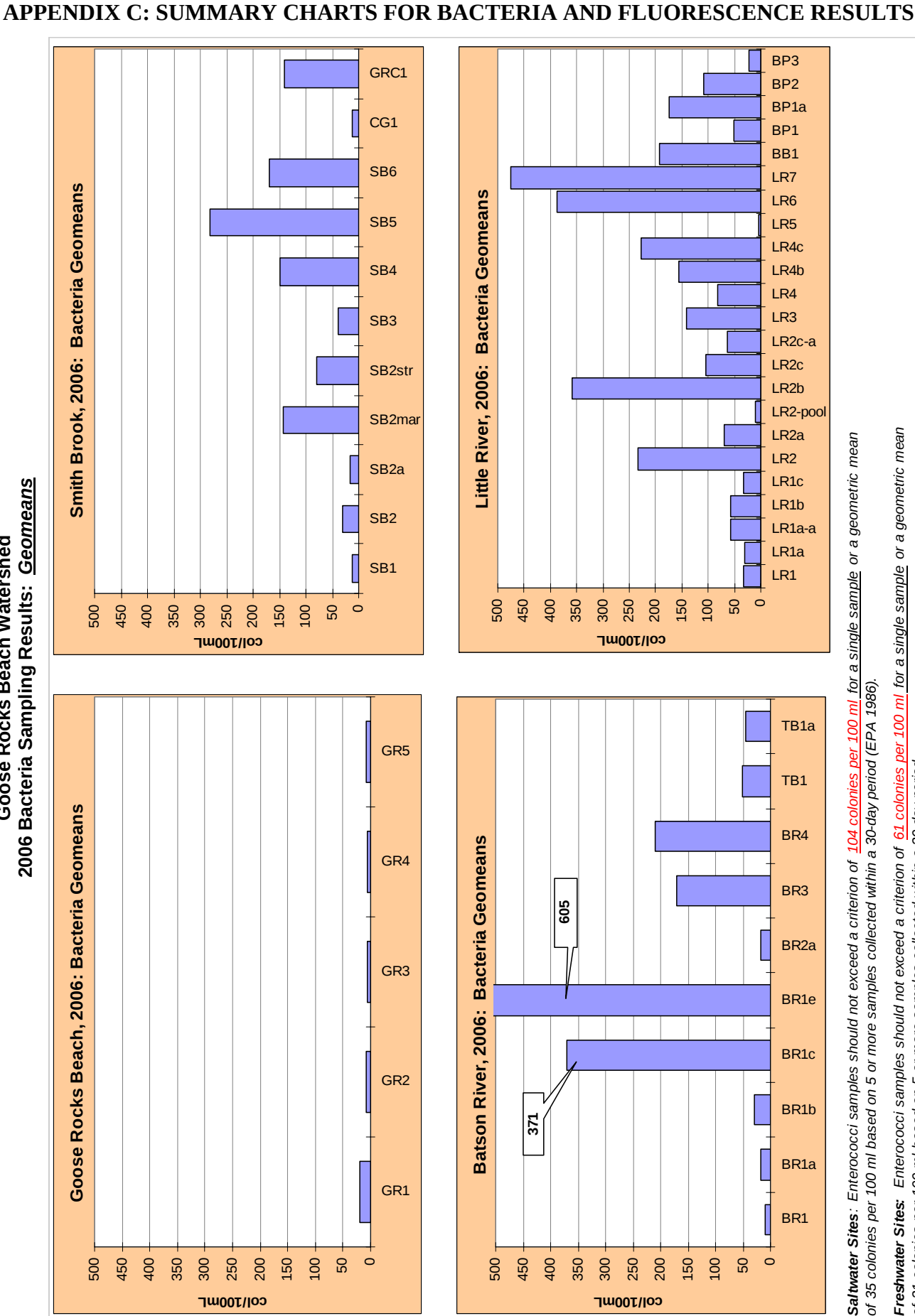


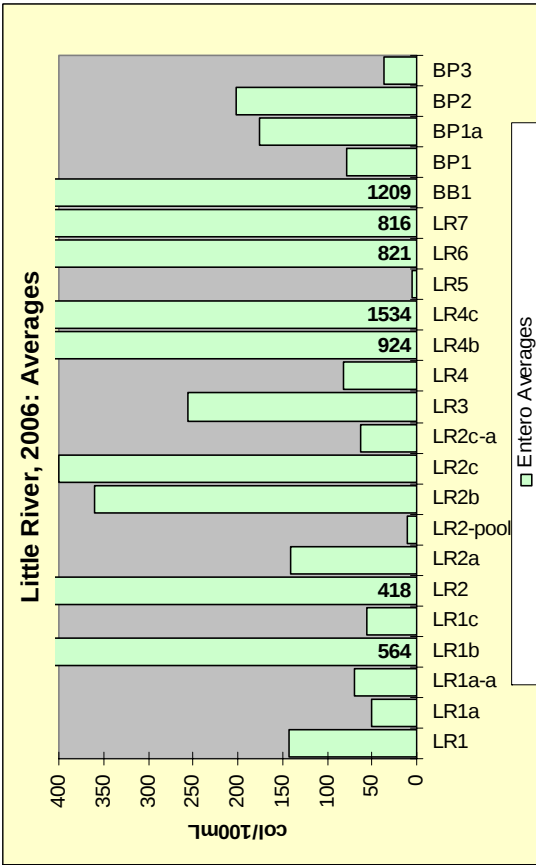
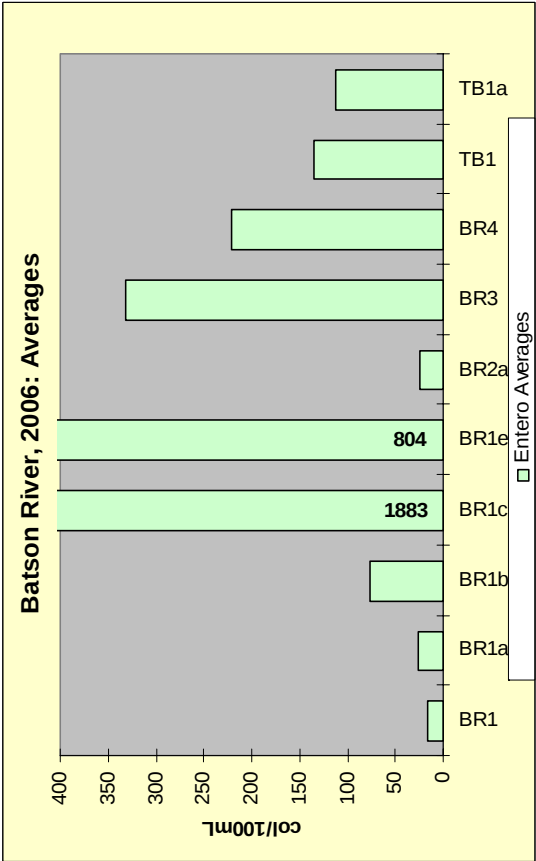
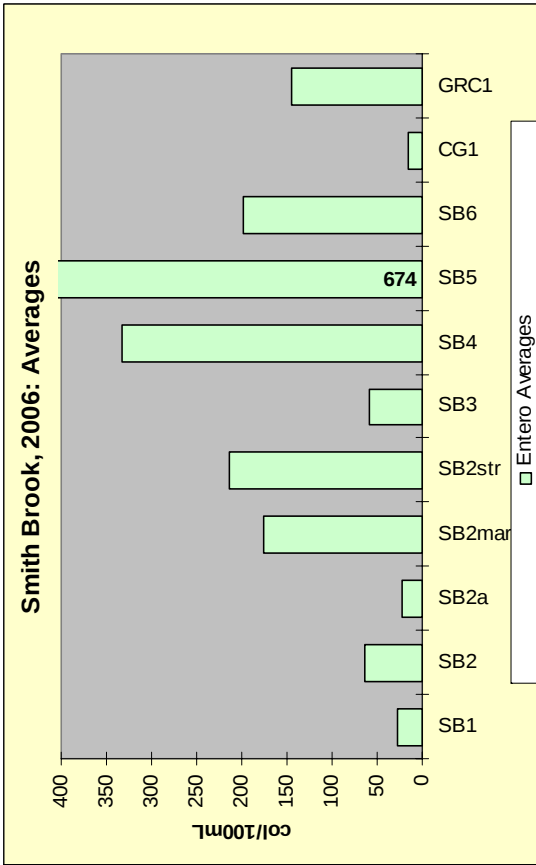
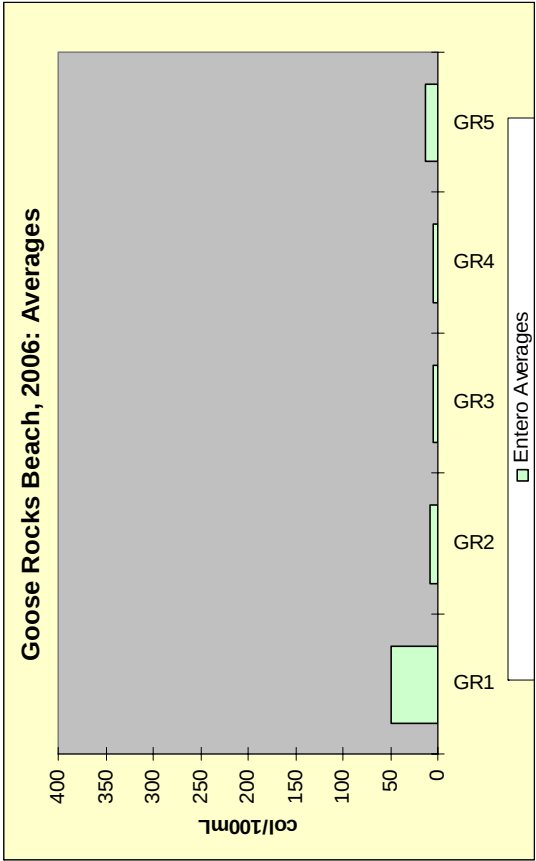
Goose Rocks Beach Watershed
2006 Bacteria Sampling Results: Geomeans



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

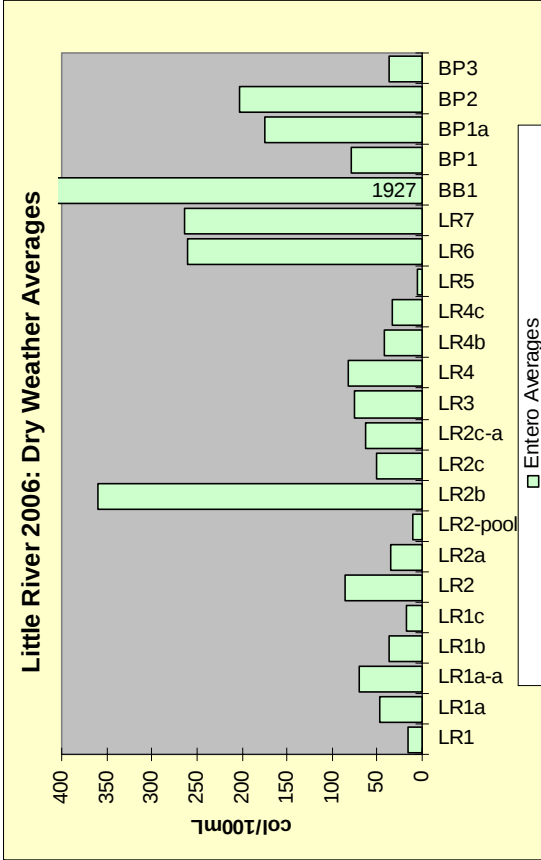
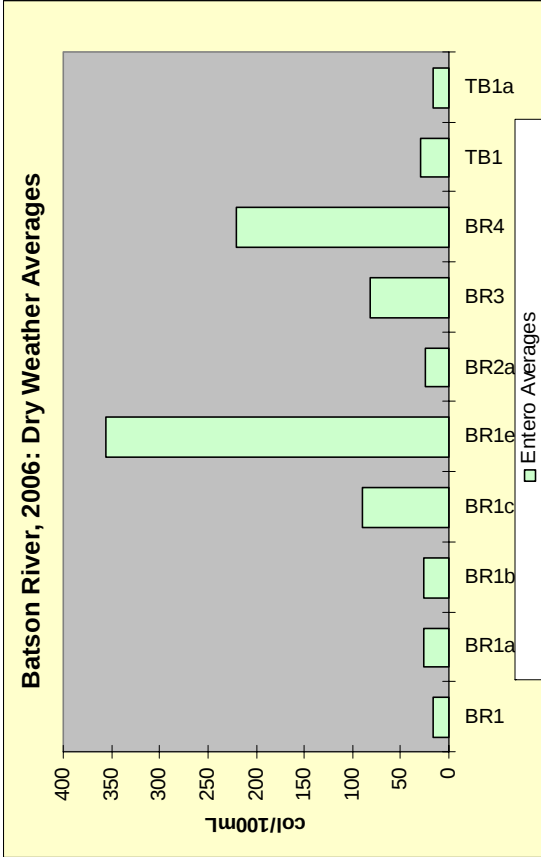
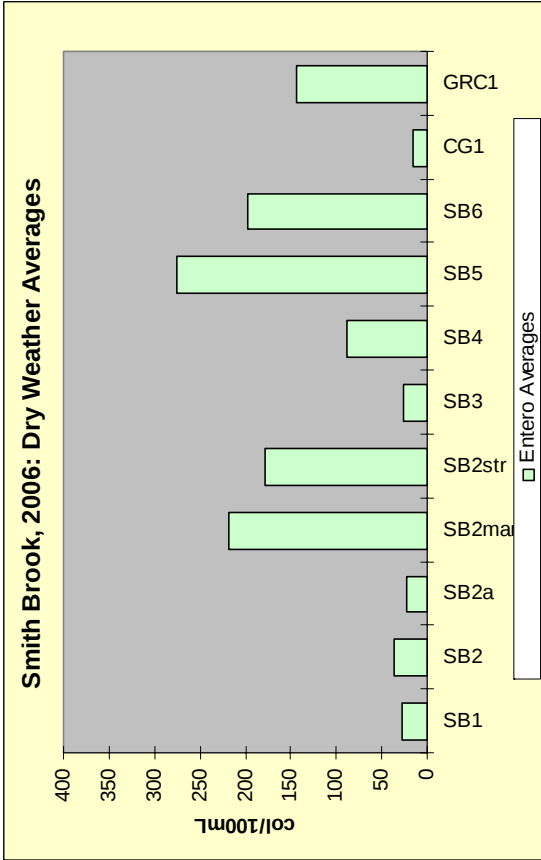
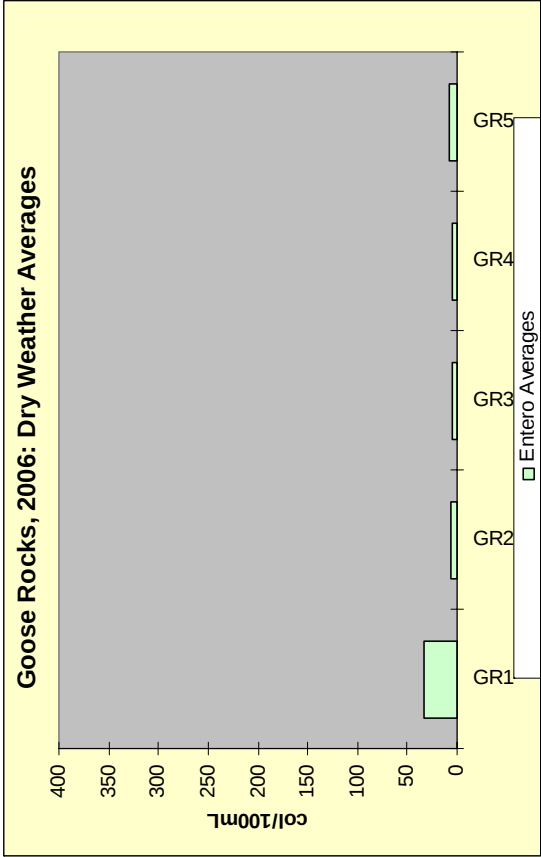
Goose Rocks Beach Watershed
2006 Bacteria Sampling Averages: Summary



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample.

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample.

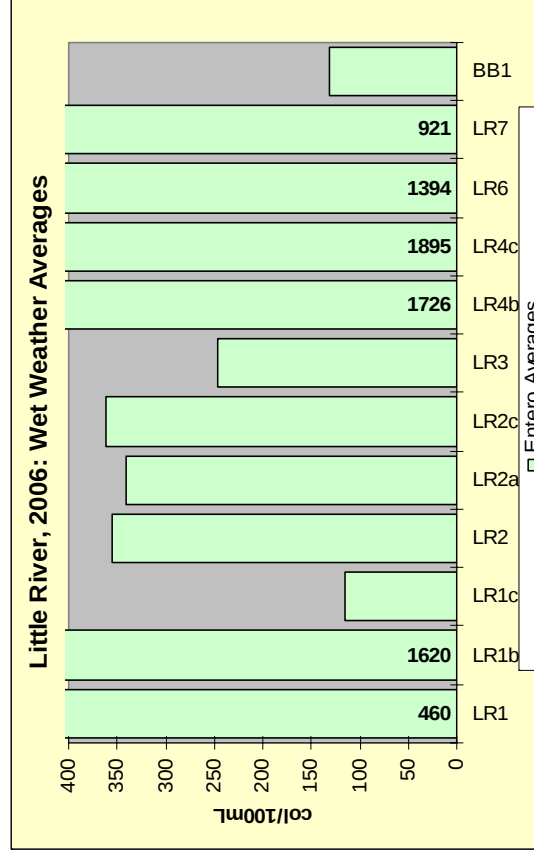
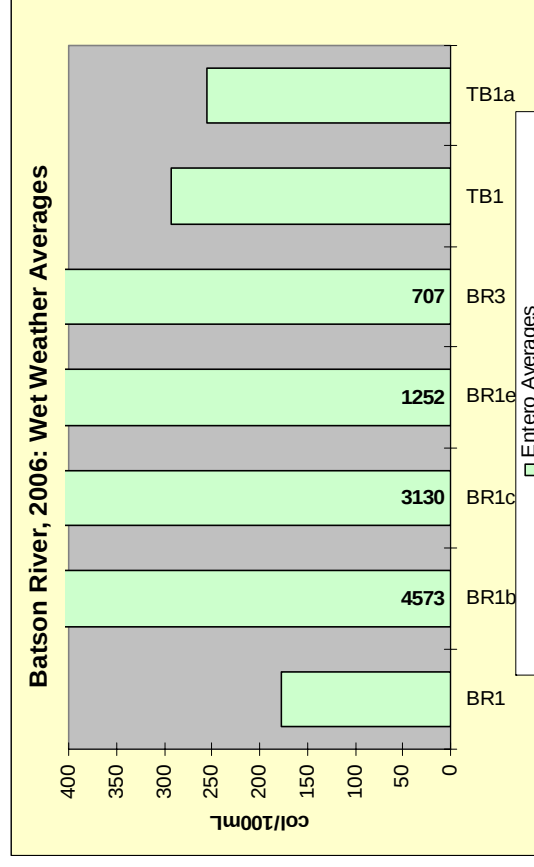
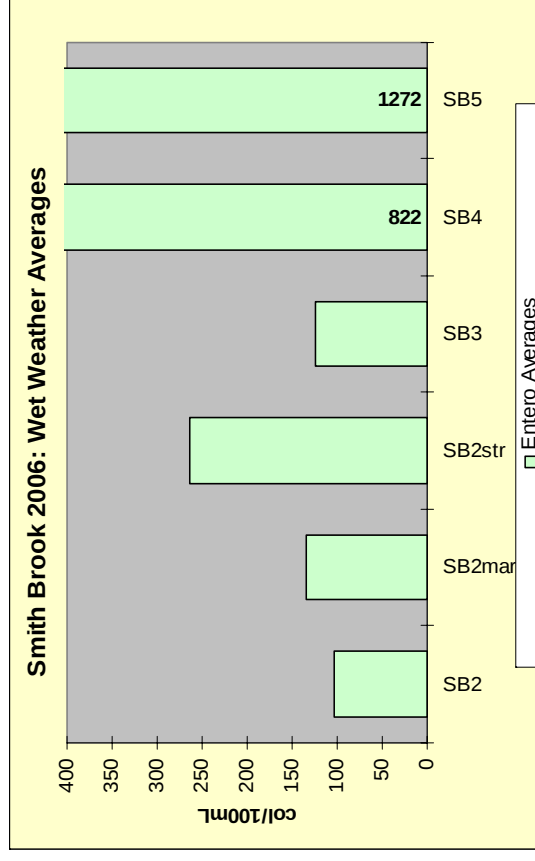
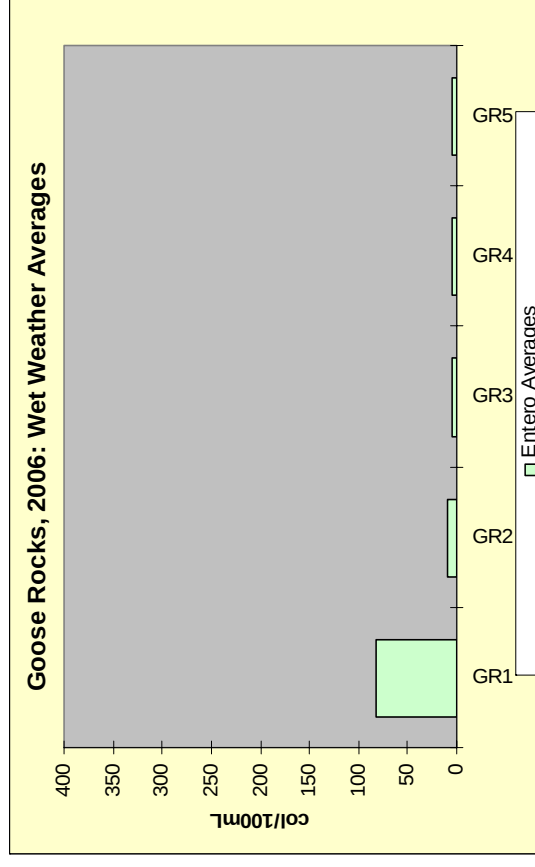
Goose Rocks Beach Watershed
2006 Bacteria Sampling Averages: Dry Weather



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample.

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample.

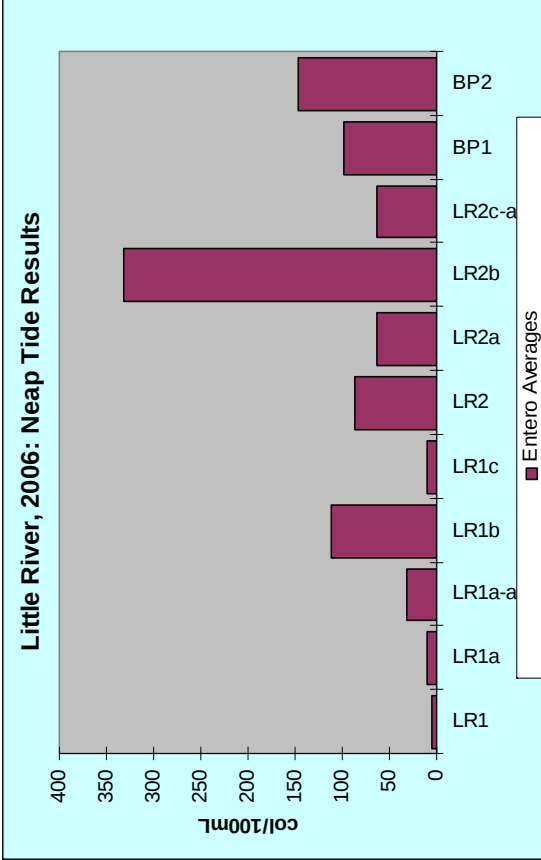
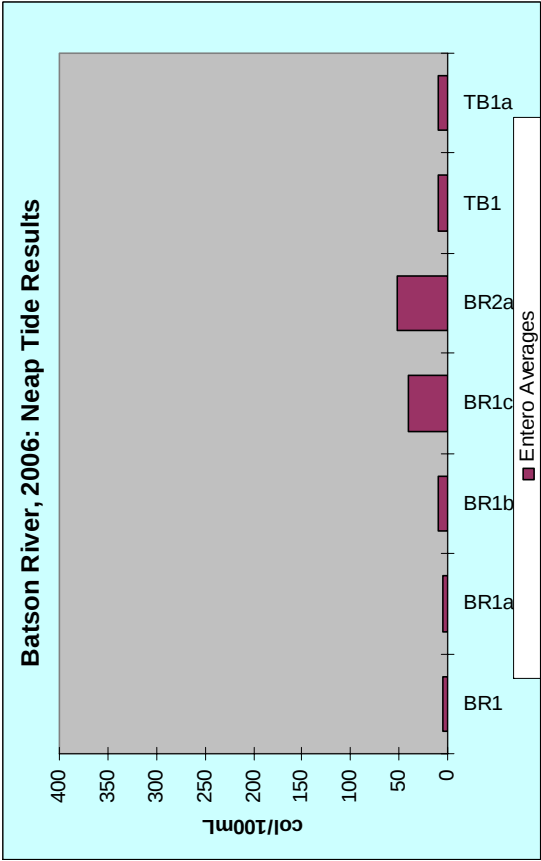
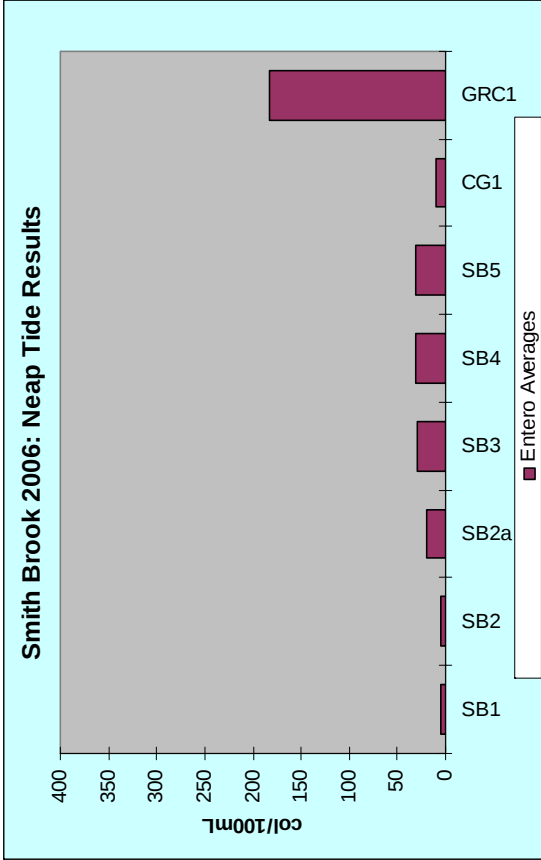
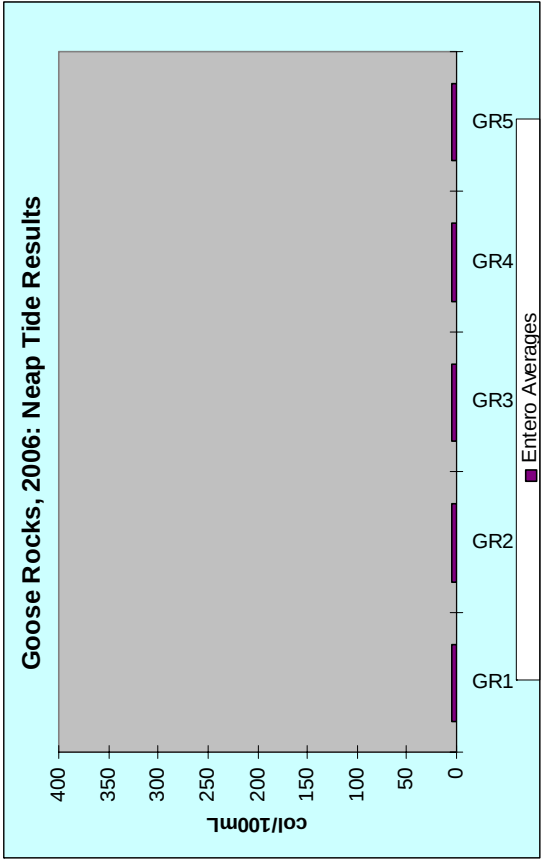
Goose Rocks Beach Watershed
2006 Bacteria Sampling Averages: Wet Weather



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample.

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample.

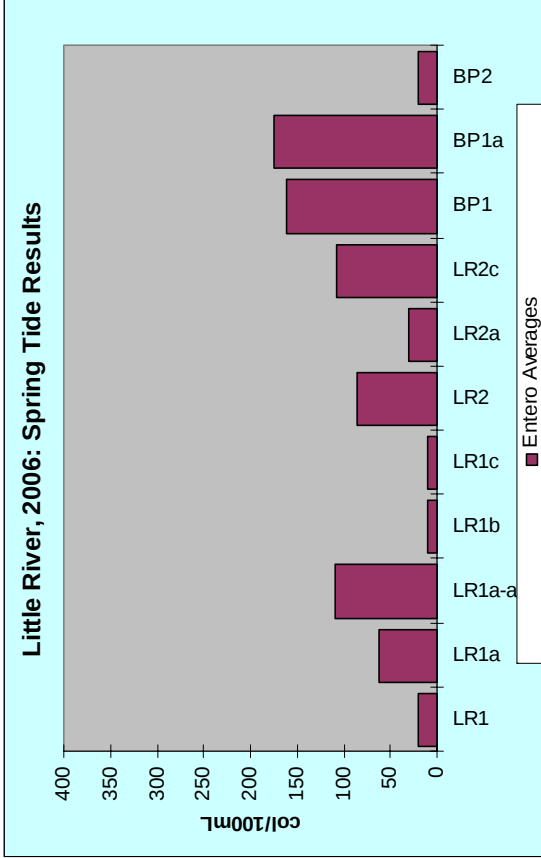
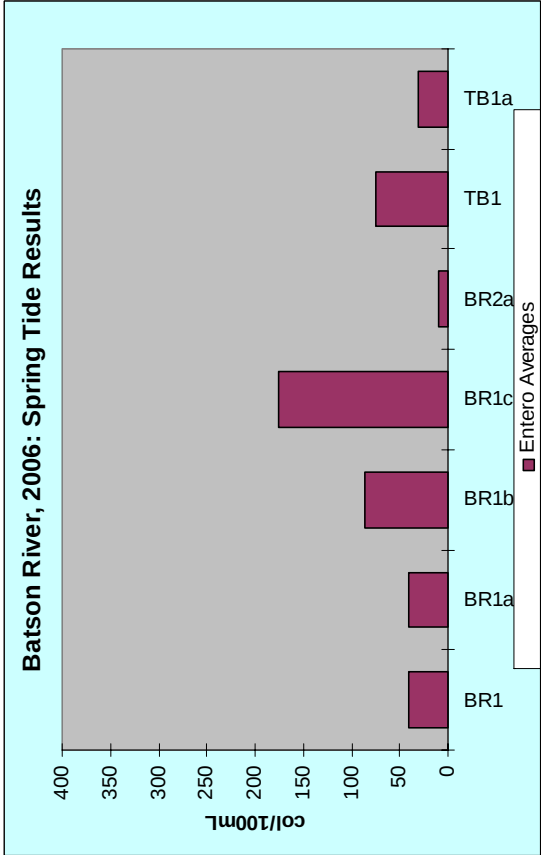
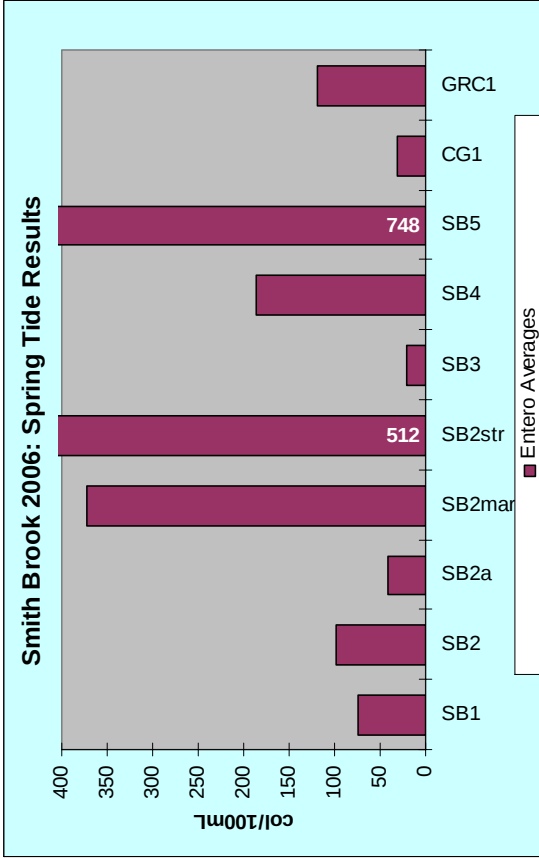
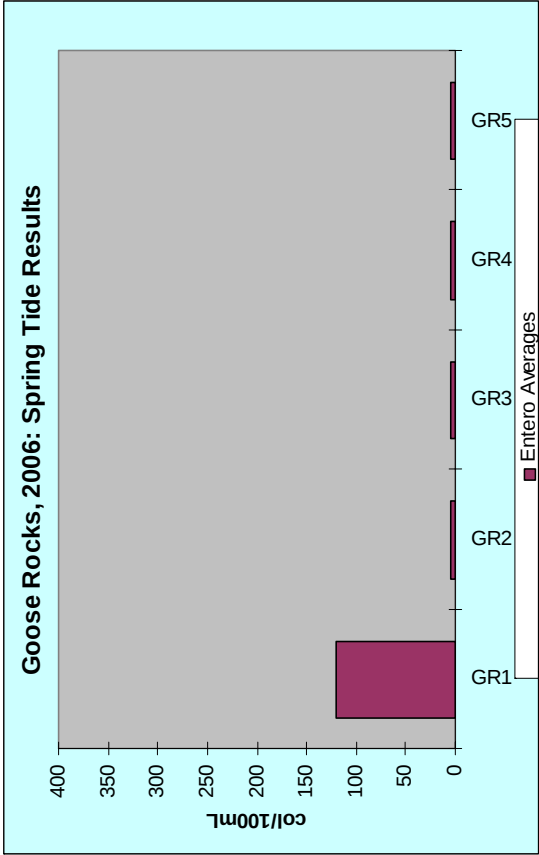
Goose Rocks Beach Watershed
2006 Bacteria and Optical Brightener Results: Neap Tide - August 3, 2006



* Only sites with a tidal influence are displayed.

Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample.

Goose Rocks Beach Watershed
2006 Bacteria and Optical Brightener Results: Spring Tide - August 10, 2006

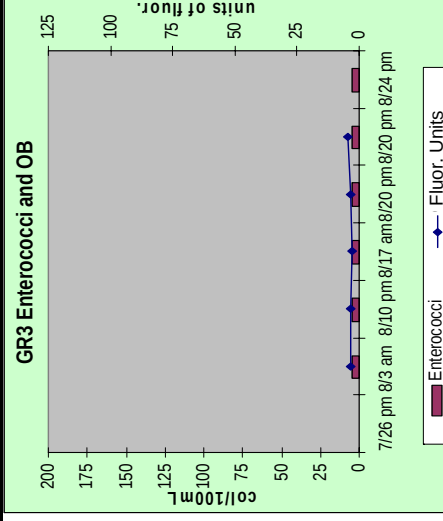
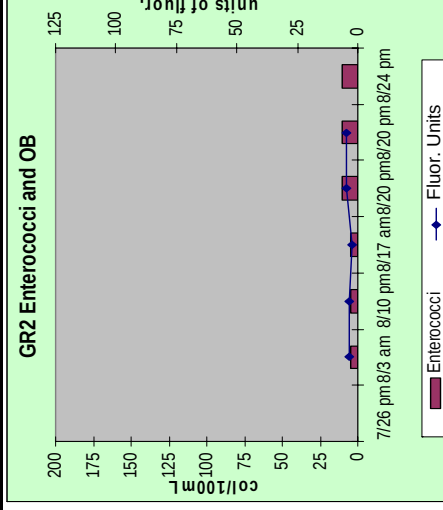
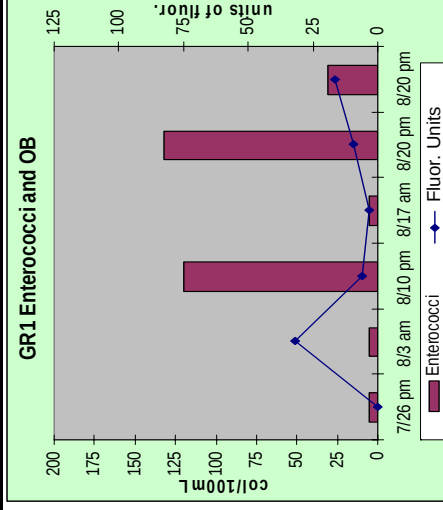


* Only sites with a tidal influence are displayed.

Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample.

Goose Rocks Beach 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	GR1 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	GR2 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	GR3 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	5	-	7/26/06 15:52	2:43	21.0	29.0	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	5	32.1	8/3/06 11:48	5:35	22.5	27.0	5	3.6	8/3/06 11:25	5:12	18.8	31.0	5	3.2	8/3/06 11:07	4:54	19.2	31.0
8/10 pm	8/10/06 12:38	120	5.9	8/10/06 14:16	1:38	17.5	34.0	5	3.7	8/10/06 15:12	2:34	18.2	36.0	5	3.5	8/10/06 14:58	2:20	18.5	35.0
8/17 am	8/17/06 6:38	5	3.3	8/17/06 9:00	2:22	14.5	32.0	5	2.3	8/17/06 9:30	2:52	16.9	35.0	5	3	8/17/06 9:45	3:07	16.7	35.0
8/20 pm	8/20/06 10:42	132	9.1	8/20/06 12:30	1:48	16.0	32.0	10	4.8	8/20/06 12:40	1:58	14.0	34.0	5	3.2	8/20/06 12:50	2:08	14.0	34.0
8/20 pm	8/20/06 10:42	31	16.6	8/20/06 13:35	2:53	17.0	30.0	10	4.6	8/20/06 13:45	3:03	14.5	34.0	5	4.7	8/20/06 13:55	3:13	14.5	34.0
8/24 pm	8/24/06 12:41	-	-	-	-	-	-	10	-	8/24/06 18:10	5:29	17.0	32.0	5	-	8/24/06 18:10	5:29	17.0	32.0
GEOMEAN		20																	
Average		50																	
Max		132																	
Min		5																	
# of samples		6																	
			7																
			8																
			10																
			5																
			6																



Salwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1980).

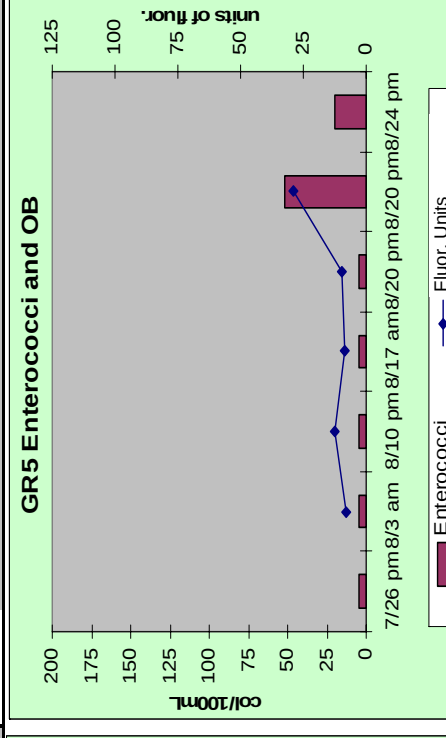
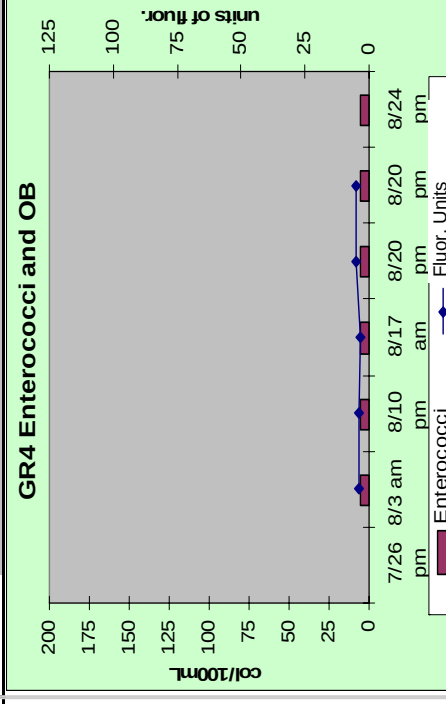
Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geomeans and averages.

 : Rain Event

Goose Rocks Beach 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	GR4 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	GR5 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	5	-	7/26/06 15:12	-	18.0	29.0
8/3 am	8/3/06 6:13	5	4	8/3/06 10:47	4:34	16.9	32.0	5	7.8	8/3/06 10:21	4:08	16.9	31.0
8/10 pm	8/10/06 12:38	5	3.8	8/10/06 15:37	2:59	17.7	36.0	5	12.4	8/10/06 16:32	3:54	27.2	20.1
8/17 am	8/17/06 6:38	5	3.1	8/17/06 10:15	3:37	16.9	34.0	5	8.3	8/17/06 8:05	1:27	17.8	29.5
8/20 pm	8/20/06 10:42	5	5	8/20/06 13:00	2:18	15.5	34.0	5	9.7	8/20/06 13:15	2:33	14.5	32.0
8/20 pm	8/20/06 10:42	5	4.9	8/20/06 14:10	3:28	14.5	34.0	52	28.7	8/20/06 14:20	3:38	15.5	32.0
8/24 pm	8/24/06 12:41	5	5	8/24/06 17:40	4:59	17.0	32.0	20	-	8/24/06 17:25	4:44	17.6	29.2
GEOMEAN		5						9					
Average		5			3:39	16.4	33.7	14			3:24	18.2	29.0
Max		5			4:59	17.7	36.0	52			4:44	27.2	32.0
Min		5			2:18	14.5	32.0	5			1:27	14.5	20.1
# of samples		6						6					



Saltwater Sites : Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

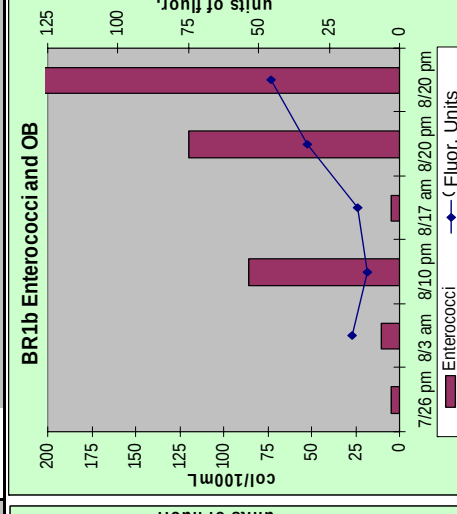
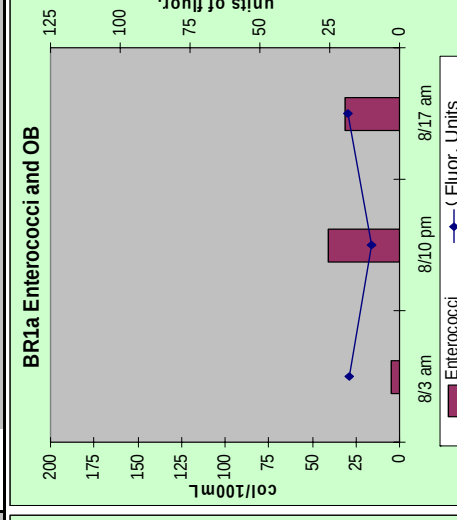
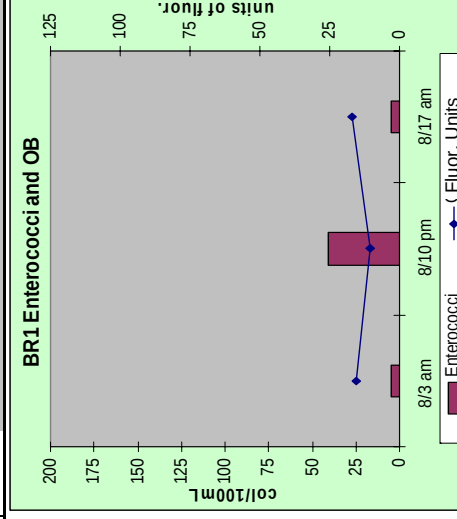
Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

 : Rain Event

Batson River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE	PEAK HIGH	BR1	OB	Sample	Time Past	Water	Salinity	BR1a	OB	Sample	Time Past	Water	Salinity	BR1b	OB	Sample	Time Past	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL	(410-610nm)	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	5		7/26/06 14:00	0:51	19.0	28.0
8/3 am	8/3/06 6:13	5	15.5	8/3/06 10:04	3:51	20.0	30.0	5	18.1	8/3/06 10:11	3:58	20.0	31.0	10	17.1	8/3/06 9:51	3:38	25.0	30.0
8/10 pm	8/10/06 12:38	41	10.6	8/10/06 16:00	3:22	19.6	28.9	41	10.2	8/10/06 16:05	3:27	19.3	29.2	86	11.6	8/10/06 15:47	3:09	19.6	28.9
8/17 am	8/17/06 6:38	5	16.8	8/17/06 10:20	3:42	18.2	27.5	31	18.7	8/17/06 10:25	3:47	18.3	27.5	5	14.8	8/17/06 8:57	2:19	16.9	29.3
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-	120	32.9	8/20/06 13:45	3:03	17.3	27.0
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-	233	45.5	8/20/06 15:05	4:23	17.6	27.0
GEOMEAN		10																	
Average		17	3:38	19.3	28.8	19	3:44	19.2	29.2	29									
Max		41	3:51	20.0	30.0	26	3:58	20.0	31.0	277									
Min		5	3:22	18.2	27.5	5	3:27	18.3	27.5	5									
# of samples		3																	



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

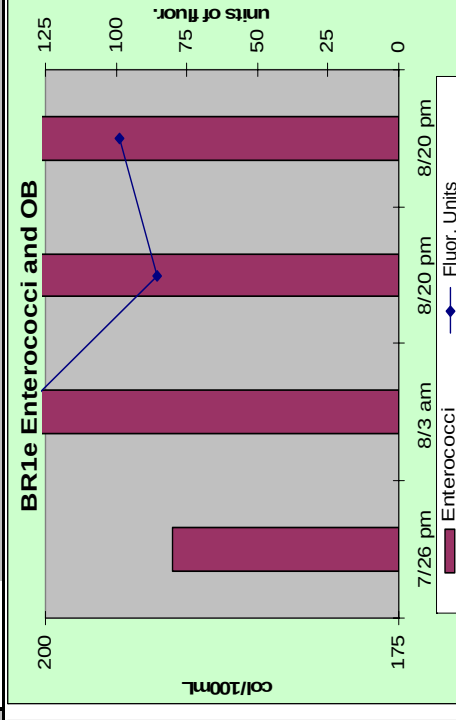
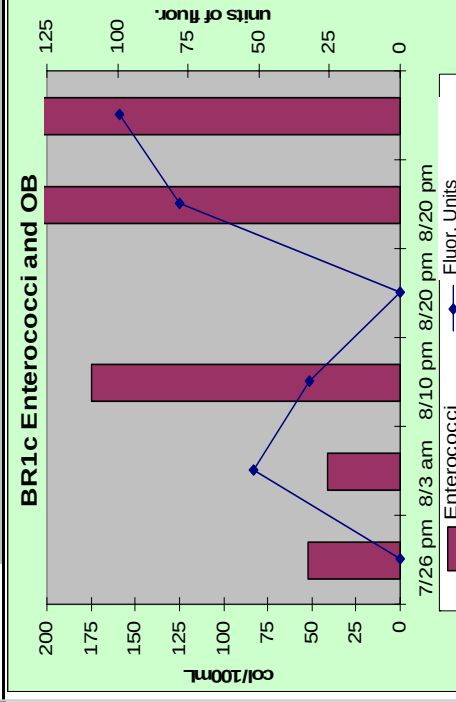
Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

: Rain Event

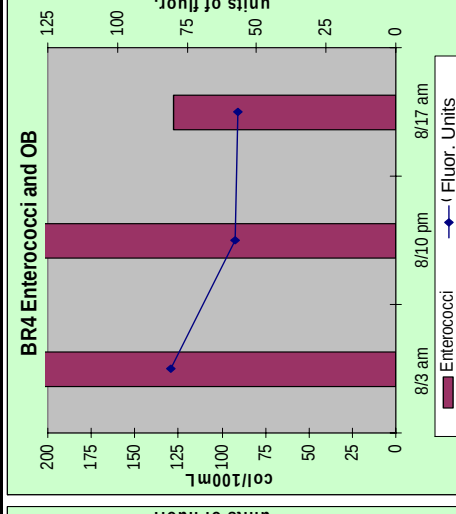
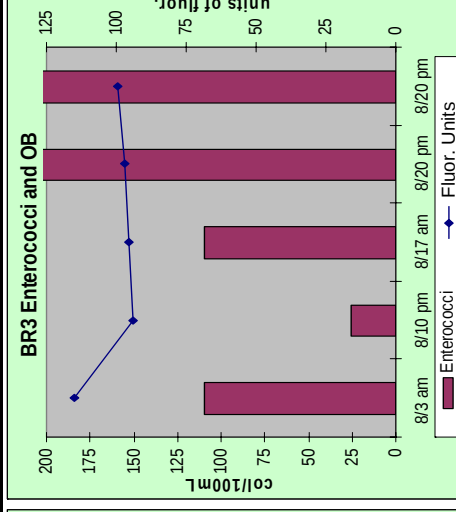
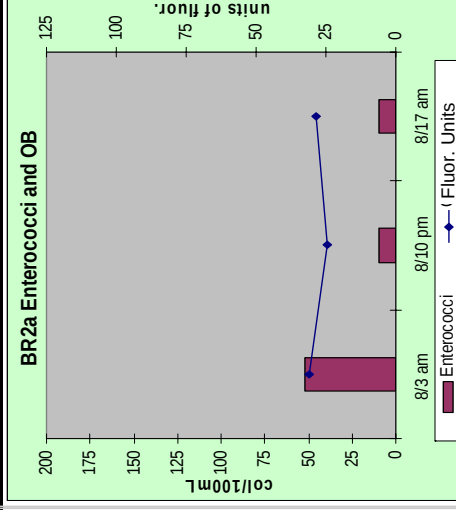
Batson River Watershed 2006 Bacteria and Fluorimetry Results

SAMPLE	PEAK HIGH	BR1c	OB	Sample	Time Past	Water	Salinity	BR1e	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	52	-	7/26/06 14:26	1:17	25.0	13.0	191		7/26/06 14:39	1:30	23.0	0.0
8/3 am	8/3/06 6:13	41	52.1	8/3/06 8:50	2:37	22.0	25.0	521	133.8	8/3/06 10:45	4:32	21.0	0.0
8/10 pm	8/10/06 12:38	175	32.1	8/10/06 15:00	2:22	22.0	27.5	-	-	8/10/06 13:55	1:17	-	-
8/17 am	8/17/06 6:38	-	-	-	-	-	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	3130	77.9	8/20/06 13:00	2:18	18.7	11.0	780	85.4	8/20/06 12:27	1:45	18.4	0.0
8/20 pm	8/20/06 10:42	6015	99.3	8/20/06 14:40	3:58	18.8	11.0	1723	98.6	8/21/06 14:45	4:03	-	-
GEOMEAN		371											
Average		1883											
Max		6015											
Min		41											
# of samples		5											



Batson River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE	PEAK HIGH	BR2a	OB	Sample	Time Pas	Water	Salinity	BR3	OB	Sample	Time Pas	Water	Salinity	BR4	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	52	31.1	8/3/06 8:34	2:21	21.5	13.0	110	115.2	8/3/06 11:00	4:47	25.0	0.0	259	80.6	8/3/06 9:58	3:45	21.5	0.0
8/10 pm	8/10/06 12:38	10	24.4	8/10/06 14:55	2:17	18.6	28.9	25.5	94.1	8/10/06 14:05	1:27	22.0	0.0	275	57.7	8/10/06 14:20	1:42	18.9	0.0
8/17 am	8/17/06 6:38	10	28.5	8/17/06 8:21	1:43	18.1	28.7	110	95.6	8/17/06 8:04	1:26	19.0	0.0	128	56.5	8/17/06 8:11	1:33	17.1	0.0
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	504	96.8	8/20/06 12:45	2:03	19.2	0.0	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	909	99.4	8/20/06 14:25	3:43	19.1	0.0	-	-	-	-	-	-
GEOMEAN		17																	
Average		24																	
Max		52																	
Min		10																	
# of samples		3																	
								170						209					
								332						221					
								909						275					
								26						128					
								5						3					



Salwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

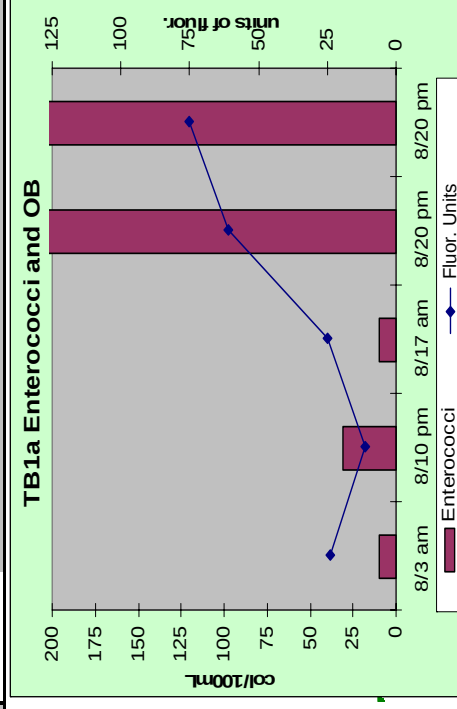
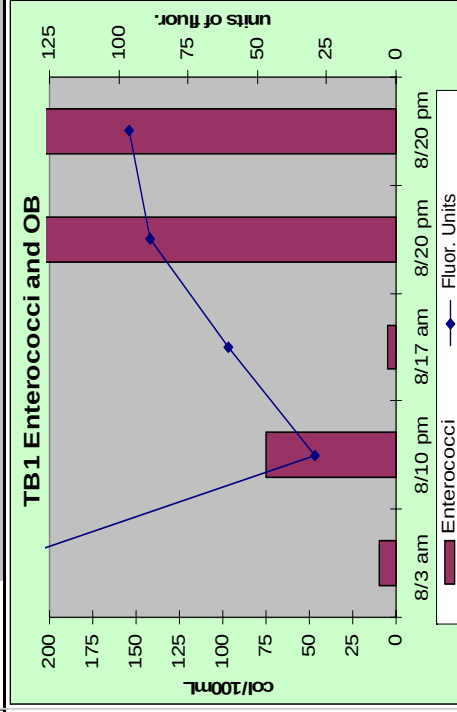
Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

: Rain Event

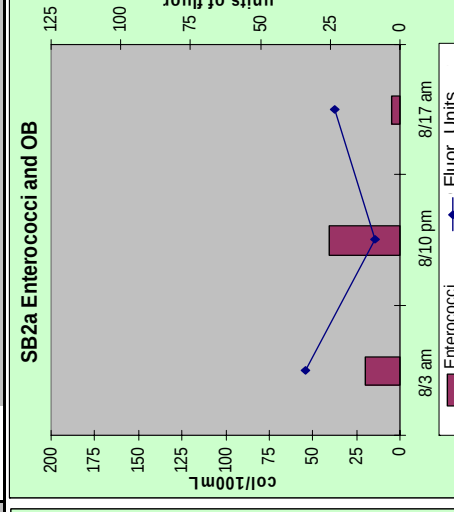
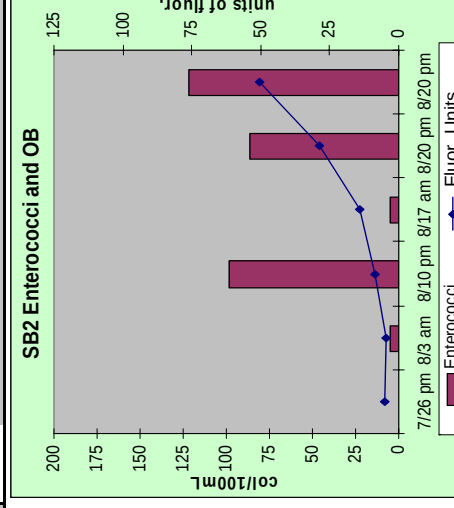
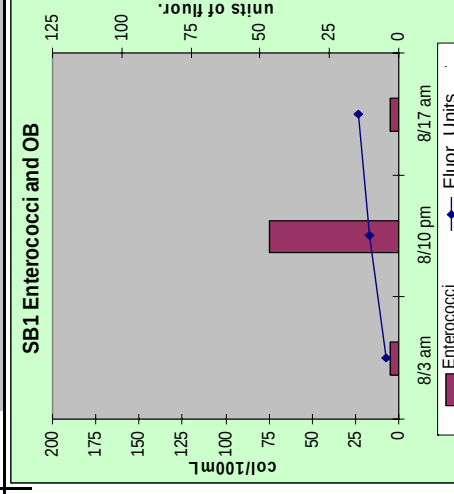
Batson River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE	PEAK HIGH	TB1	OB	Sample	Time Pas	Water	Salinity	TB1a	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)	col/100mL	410-610nm	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	10	143.5	8/3/06 11:12	4:59	27.0	10.0	10	24.1	8/3/06 9:18	3:05	21.0	29.0
8/10 pm	8/10/06 12:38	75	29.3	8/10/06 14:25	1:47	21.6	27.4	31	11.3	8/10/06 15:12	2:34	19.4	29.2
8/17 am	8/17/06 6:38	5	60.5	8/17/06 8:41	2:03	19.3	26.2	10	24.7	8/17/06 10:45	4:07	18.2	28.9
8/20 pm	8/20/06 10:42	259	88.9	8/20/06 13:30	2:48	20.4	20.0	216	61	8/20/06 14:00	3:18	18.9	25.0
8/20 pm	8/20/06 10:42	327	96.4	8/20/06 14:45	4:03	20.0	-	295	75.4	8/20/06 15:15	4:33	17.2	23.0
GEOMEAN		50											
Average		135											
Max		327											
Min		5											
# of samples		5											
		46											
		112											
		295											
		10											
		5											
		3:08											
		4:59											
		1:47											
		3:31											
		4:33											
		2:34											
		18.9											
		21.0											
		17.2											
		27.0											
		29.2											
		23.0											



Smith Brook Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	SB1 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	SB2 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	SB2a col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	5	7/26/06 15:31	2:22	20.0	28.0	-	-	-	-	-	-
8/3 am	8/3/06 6:13	5	4.7	8/3/06 8:47	2:34	17.7	28.8	5	4.5	8/3/06 8:12	1:59	17.7	27.4	20	33.9	8/3/06 9:50	3:37	22.7	26.3
8/10 pm	8/10/06 12:38	75	10.6	8/10/06 15:53	3:15	20.1	27.2	98	8.4	8/10/06 15:20	2:42	19.5	27.3	41	9.2	8/10/06 15:08	2:30	19.7	27.1
8/17 am	8/17/06 6:38	5	14.7	8/17/06 10:05	3:27	18.6	27.3	5	14.2	8/17/06 9:28	2:50	17.6	27.4	5	23.3	8/17/06 9:20	2:42	18.0	27.0
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	86	28.9	8/20/06 13:05	2:23	17.4	27.0	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	122	50.5	8/20/06 14:25	3:43	18.5	25.3	-	-	-	-	-	-
GEOMEAN		12						30						16					
Average		28			3:05	18.8	27.8	63			2:39	18.5	27.1	22			2:56	20.1	26.8
Max		75			3:27	20.1	28.8	122			3:43	20.0	28.0	41			3:37	22.7	27.1
Min		5			2:34	17.7	27.2	5			1:59	17.4	25.3	5			2:30	18.0	26.3
# of samples		3						5						3					



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geomeans and averages.

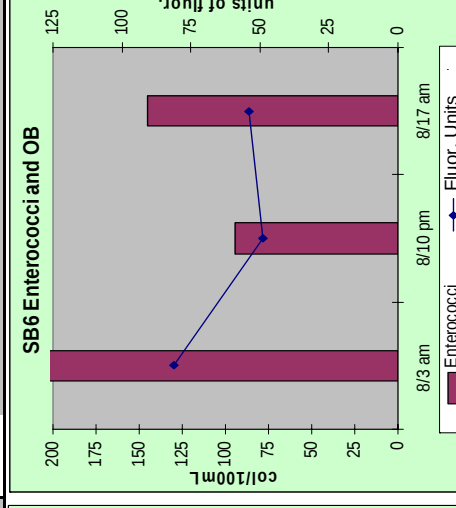
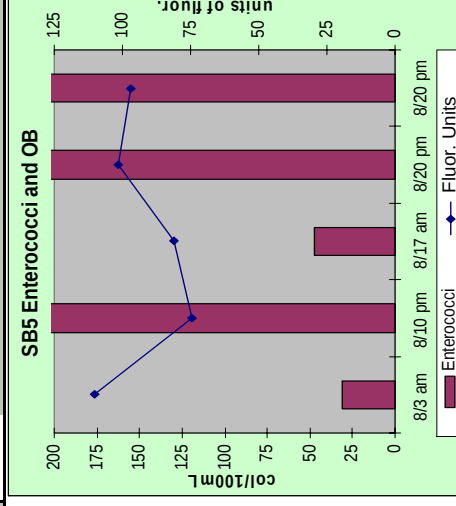
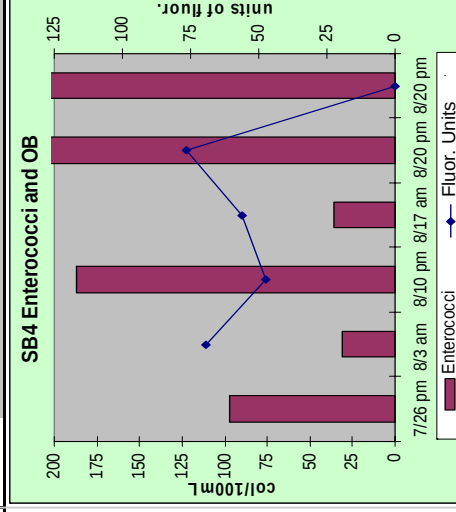
: Rain Event

Smith Brook Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	SB2mar col/100mL	OB 410-610nm	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	SB2str col/100mL	OB 410-610nm	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	SB3 col/100mL	OB 410-610nm	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	5	-	7/26/06 15:31	2:22	26.5	30.0	10	-	7/26/06 15:00	1:51	23.0	20.0
8/3 am	8/3/06 6:13	-	-	-	-	-	-	-	-	-	-	-	-	30	71.2	8/3/06 9:30	3:17	25.4	23.1
8/10 pm	8/10/06 12:38	373	37.5	8/10/06 15:30	2:52	24.5	26.8	512	33.1	8/10/06 15:28	2:50	24.3	26.8	20	7.8	8/10/06 14:00	1:22	18.6	27.2
8/17 am	8/17/06 6:38	63	44	8/17/06 9:40	3:02	20.8	-	20	30.4	8/17/06 9:32	2:54	20.7	27.4	41	55	8/17/06 8:25	1:47	19.7	25.2
8/20 pm	8/20/06 10:42	148	54.3	8/20/06 13:15	2:33	20.5	28.6	173	64.5	8/20/06 13:10	2:28	19.6	18.2	86	76.1	8/20/06 12:50	2:08	19.9	19.7
8/20 pm	8/20/06 10:42	120	52.4	8/20/06 14:35	3:53	20.6	27.8	355	72.6	8/20/06 14:30	3:48	19.7	21.2	161	94.3	8/20/06 14:05	3:23	20.0	23.3
GEOMEAN		143																	
Average		176																	
Max		373																	
Min		63																	
# of samples		4																	

Smith Brook Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	SB4 col/100mL	OB 410-610nm	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)	SB5 col/100mL	OB 410-610nm	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)	SB6 col/100mL	OB 410-610nm	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	97		7/26/06 14:53	1:44	27.0	6.0												
8/3 am	8/3/06 6:13	31	69.4	8/3/06 11:45	5:32	27.8	18.4	31	110.2	8/3/06 11:25	5:12	27.2	2.7	355	81.1	8/3/06 9:45	3:32	21.0	1.0
8/10 pm	8/10/06 12:38	187	47.3	8/10/06 17:10	4:32	23.6	19.1	748	74.4	8/10/06 17:00	4:22	23.5	12.3	94	48.9	8/10/06 14:10	1:32	19.0	0.0
8/17 am	8/17/06 6:38	36	56	8/17/06 8:25	1:47	19.3	25.2	47	81	8/17/06 8:15	1:37	20.2	10.0	145	53.9	8/17/06 8:05	1:27	16.8	0.0
8/20 pm	8/20/06 10:42	1187	76.7	8/20/06 12:40	1:58	19.5	19.7	1333	101.5	8/20/06 13:35	2:53	20.6	1.9	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	457	-	8/20/06 13:55	3:13	19.6	11.8	1210	96.9	8/20/06 12:25	1:43	20.7	2.5	-	-	-	-	-	-
GEOMEAN		149						281						169					
Average		333			3:07	22.8	16.7	674			3:09	22.4	5.9	198			2:10	18.9	0.3
Max		1187			5:32	27.8	25.2	1333			5:12	27.2	12.3	355			3:32	21.0	1.0
Min		31			1:44	19.3	6.0	31			1:37	20.2	1.9	94			1:27	16.8	0.0
# of samples		6						5						3					



Salwater Sites: Enterococci samples should not exceed a criterion of **104 colonies per 100 ml** for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

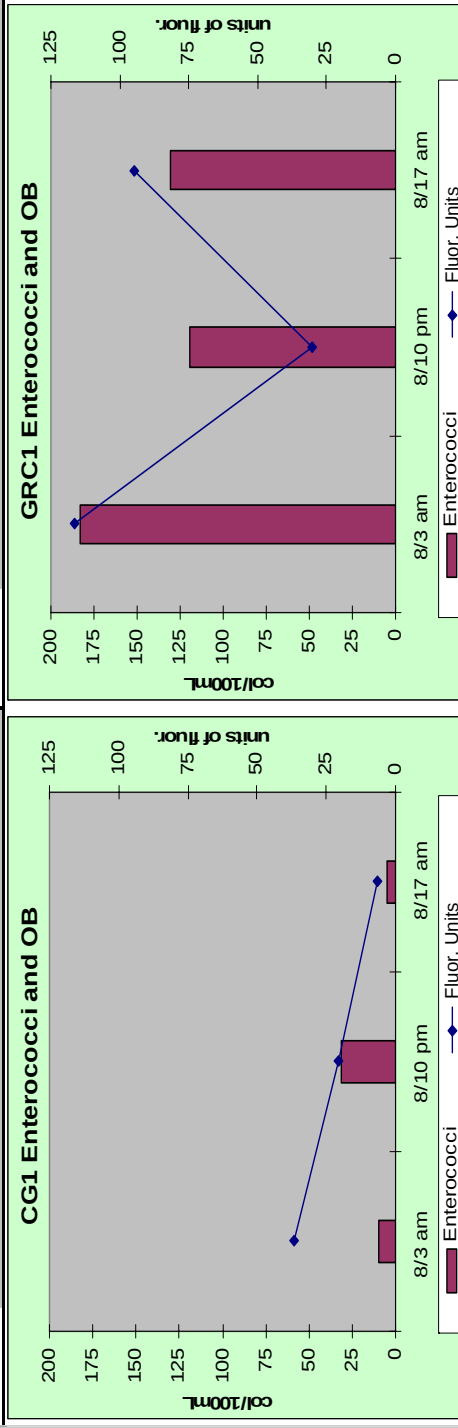
(Freshwater Sites: Enterococci samples should not exceed a criterion of **61 colonies per 100 ml** for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.)

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

: Rain Event

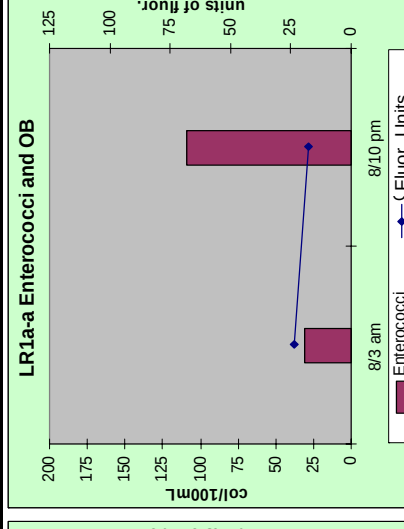
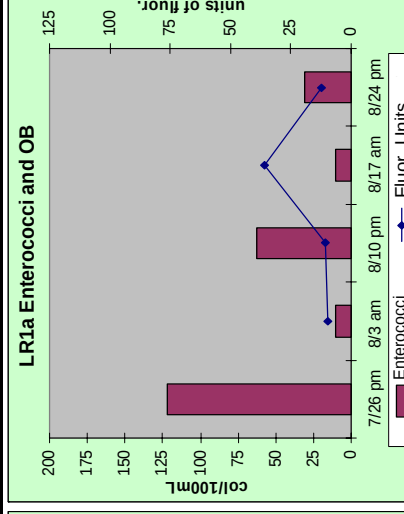
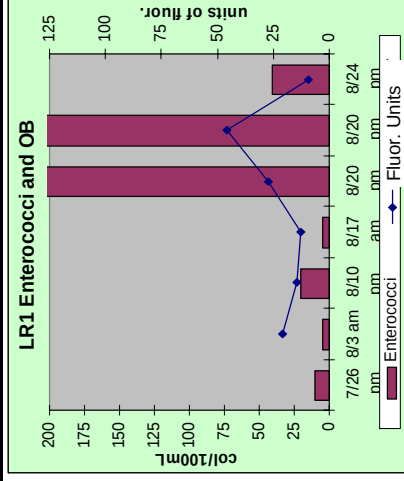
Smith Brook Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	CG1 col/100mL 410-610nm	OB 410-610nm	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	GRC1 col/100mL 410-610nm	OB 410-610nm	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	10	36.6	8/3/06 11:20	5:07	24.0	26.0	183	116.2	8/3/06 10:50	4:37	22.7	17.8
8/10 pm	8/10/06 12:38	31	20.4	8/10/06 17:10	4:32	-	-	119	30.2	8/10/06 14:35	1:57	21.0	26.2
8/17 am	8/17/06 6:38	5	6.7	8/17/06 8:00	1:22	16.7	27.9	131	94.8	8/17/06 9:00	2:22	20.4	22.7
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-
GEOMEAN		12											
Average		15											
Max		31											
Min		5											
# of samples		3											
		142											
		144											
		183											
		119											
		3											
		2:58											
		4:37											
		1:57											
		21.4											
		22.7											
		20.4											
		22.2											
		26.2											
		17.8											



Little River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	LR1 col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	LR1a col/100mL (410-610nm)	OB (410-610nm)	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	10		7/26/06 16:10	3:01	26.0	29.0						
8/3 am	8/3/06 6:13	5	20.9	8/3/06 10:21	4:08	-	-	122	9.6	7/26/06 16:05	2:56	26.0	9.0
8/10 pm	8/10/06 12:38	20	14.2	8/10/06 16:23	3:45	21.2	35.0	10	10	8/3/06 10:39	4:26	25.2	26.8
8/17 am	8/17/06 6:38	5	12.8	-	-	17.5	-	63	10.8	8/10/06 15:01	2:23	-	-
8/20 pm	8/20/06 10:42	455	27.3	8/20/06 12:35	1:53	-	-	10	36.2	-	-	-	-
8/20 pm	8/20/06 10:42	464	45.7	8/20/06 14:15	3:33	-	-	-	-	-	-	-	-
8/24 pm	8/24/06 12:41	41	9.3	8/24/06 16:35	3:54	17.8	29.0	31	12.5	8/24/06 18:10	5:29	18	28.4
GEOMEAN		33						58					
Average		143		3:22	20.6	31.0		70			3:24	-	-
Max		464		4:08	26.0	35.0		109			4:26	25	27
Min		5		1:53	17.5	29.0		31			2:23	25	27
# of samples		7						2					



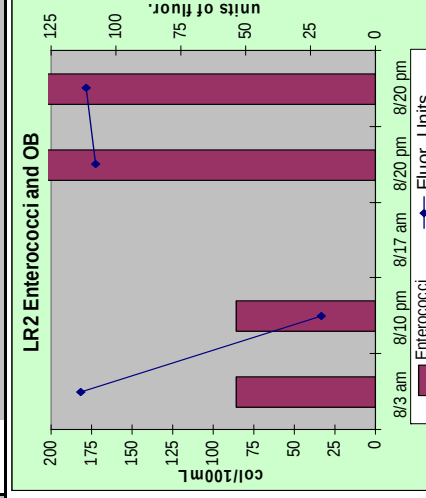
Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

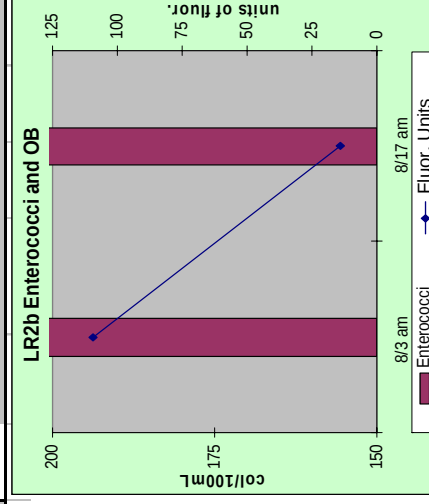
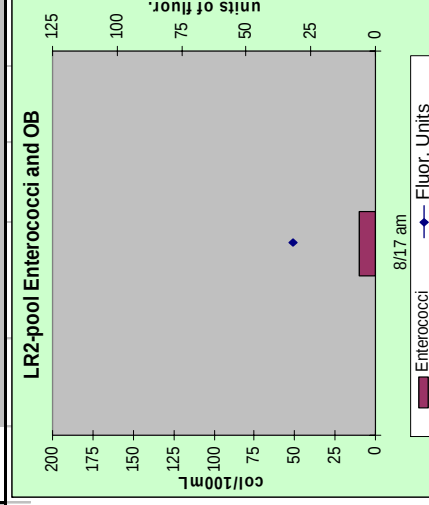
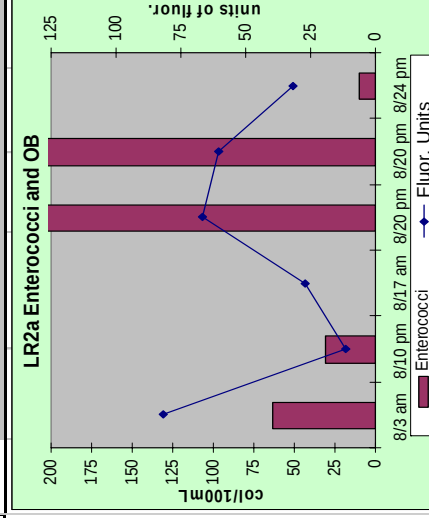
: Rain Event

Little River Watershed

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Little River Watershed **2006 Bacteria and Fluorometry Results**

SAMPLE	PEAK HIGH	LR2a	OB	Sample	Time Past	Water	Salinity	LR2-pool	OB	Sample	Time Past	Water	Salinity	LR2b	OB	Sample	Time Past	Water	Salinity														
DATE / CYCLE	TIDE TIME	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)														
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
8/3 am	8/3/06 6:13	63	81.8	8/3/06 11:03	4:50	19.8	22.2	-	-	-	-	-	-	331	109.5	8/3/06 10:05	3:52	19.4	20.1														
8/10 pm	8/10/06 12:38	31	11.2	8/10/06 14:37	1:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
8/17 am	8/17/06 6:38	-	27	8/17/06 8:45	2:07	18.1	-	10	32	8/17/06 10:58	4:20	-	-	388	14.3	8/17/06 10:12	3:34	17.9	0.0														
8/20 pm	8/20/06 10:42	341	66.6	8/20/06 13:30	2:48	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
8/20 pm	8/20/06 10:42	259	60.4	8/20/06 14:50	4:08	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
8/24 pm	8/24/06 12:41	10	31.6	8/24/06 15:45	3:04	18.9	23.3	-	-	-	-	-	-	-	-	-	-	-	-														
GEOMEAN		70																	358														
Average		141																	10					360									
Max		341																	10					10					352				
Min		10																	10					10					334				
# of samples		5																	1					1					2				



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

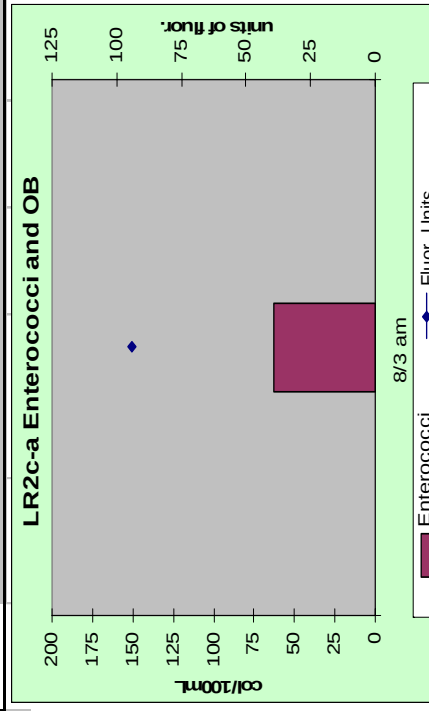
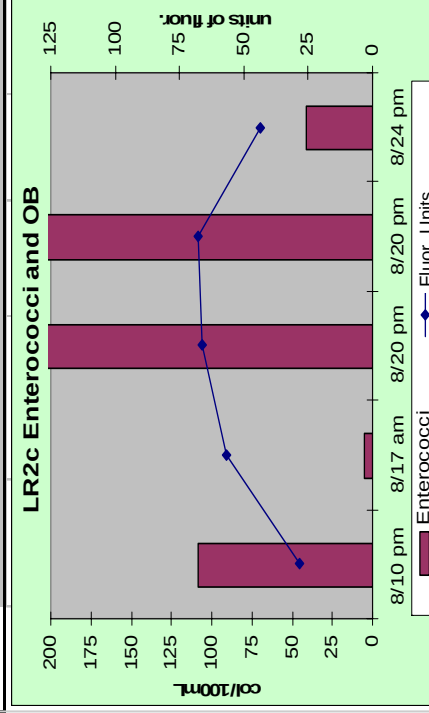
(Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.)

****Enterococci values of <10 are shown as 5 in order to calculate geomeans and averages.**

: Rain Event

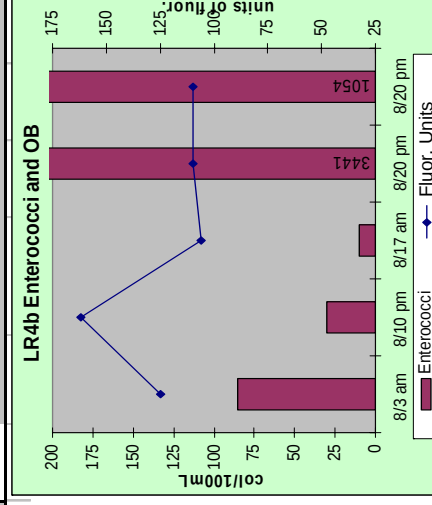
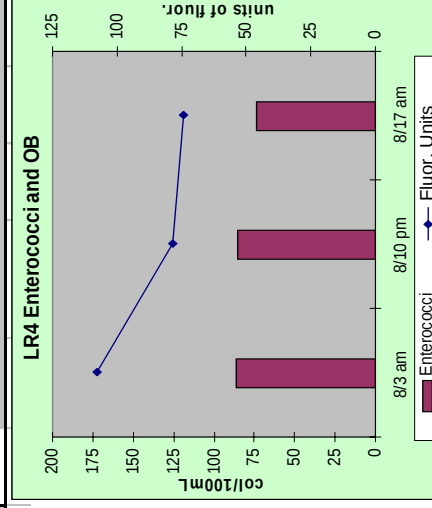
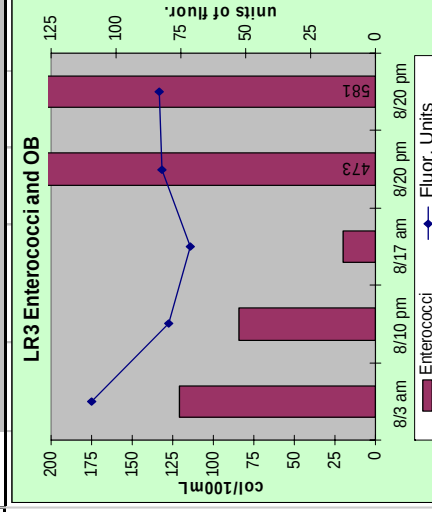
Little River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE	PEAK HIGH	LR2c	OB	Sample	Time Past	Water	Salinity	LR2c-a	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL	(410-610nm)	Collection Time	Peak High	Temp	(°/∞)	col/100mL	(410-610nm)	Collection Time	Peak High	Temp	(°/∞)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	-	-	-	-	-	-	63	94.1	8/3/06 11:09	4:56	20.1	18.0
8/10 pm	8/10/06 12:38	108	28.3	8/10/06 14:05	1:27	21.8	-	-	-	-	-	-	-
8/17 am	8/17/06 6:38	5	56.8	-	-	-	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	717	66.2	8/20/06 13:45	3:03	-	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	767	67.8	8/20/06 15:00	4:18	-	-	-	-	-	-	-	-
8/24 pm	8/24/06 12:41	41	43.4	8/24/06 15:32	2:51	19.8	17.8	-	-	-	-	-	-
GEOMEAN		104											
Average		399											
Max		767											
Min		5											
# of samples		5											



Little River Watershed **2006 Bacteria and Fluorometry Results**

SAMPLE	PEAK HIGH	LR3	OB	Sample	Time Pas	Water	Salinity	LR4	OB	Sample	Time Pas	Water	Salinity	LR4b	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL (410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	121	109.5	8/3/06 9:57	3:44	21.6	0.0	86	107.9	8/3/06 8:18	2:05	24.5	1.0	85	124.6	8/3/06 9:06	2:53	24.6	1.0
8/10 pm	8/10/06 12:38	84	79.6	8/10/06 16:45	4:07	22.7	0.0	85	78.7	8/10/06 15:02	2:24	23.8	0.0	30	162.1	8/10/06 15:47	3:09	24.1	0.0
8/17 am	8/17/06 6:38	20	71.3	8/17/06 8:31	1:53	18.9	0.0	74	74.1	8/17/06 8:42	2:04	18.5	0.0	10	106.2	8/17/06 9:42	3:04	18.8	0.0
8/20 pm	8/20/06 10:42	473	82.2	8/20/06 12:28	1:46	19.7	-	-	-	-	-	-	-	3441	109.7	8/20/06 12:50	2:08	18.7	-
8/20 pm	8/20/06 10:42	581	83.1	8/20/06 13:30	2:48	19.8	-	-	-	-	-	-	-	1054	109.9	8/20/06 13:53	3:11	18.9	-
8/24 pm	8/24/06 12:41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEOMEAN	Average	141			2:51	20.5	0.0	81			2:11	22.3	0.3	156			2:53	21.0	0.3
	Max	256			4:07	22.7	0.0	82			2:24	24.5	1.0	924			3:11	24.6	1.0
	Min	581			1:46	18.9	0.0	86			2:04	18.5	0.0	3441			2:08	18.7	0.0
# of samples		20						74						10					
		5						3						5					



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

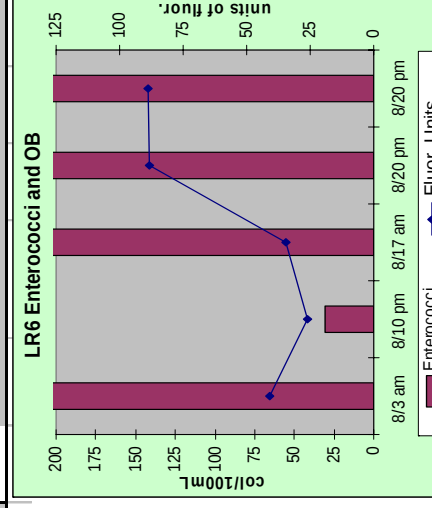
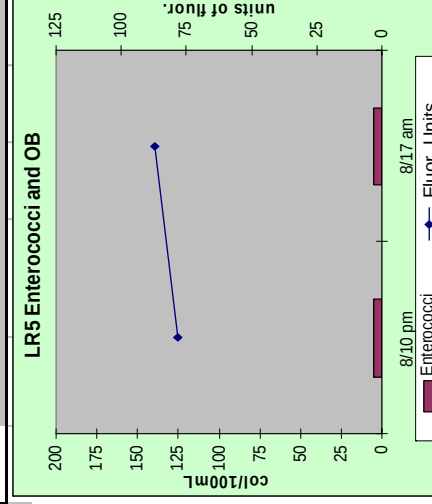
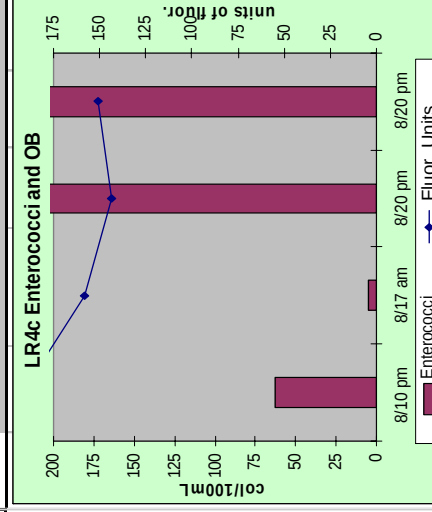
(Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.)

**Enterococci values of <10 are shown as 5 in order to calculate geomeans and averages.

: Rain Event

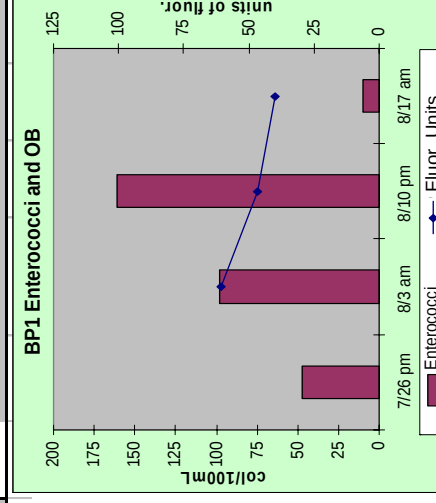
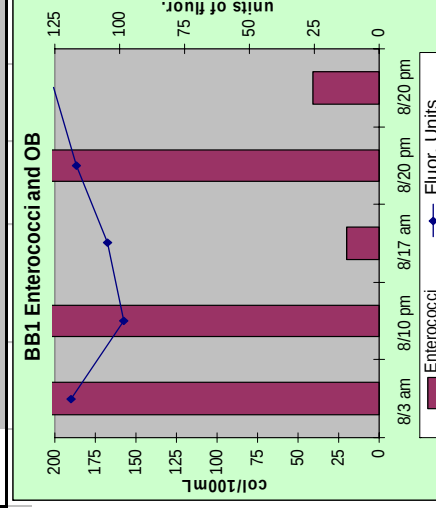
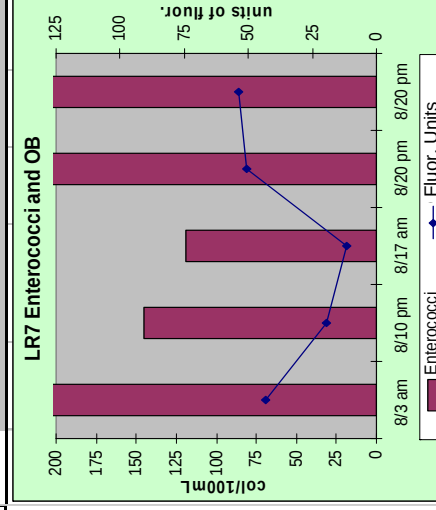
Little River Watershed

SAMPLE	PEAK HIGH TIDE TIME	LR4c col/100mL(410-610nm)	OB	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	LR5 col/100mL(410-610nm)	OB	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)	LR6 col/100mL(410-610nm)	OB	Sample Collection Time	Time Past Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	-	-	-	-	-	-	-	-	-	-	-	-	450	40.8	8/3/06 8:32	2:19	20.1	1.0
8/10 pm	8/10/06 12:38	63	192.1	8/10/06 15:56	3:18	23.5	0.0	5	78.5	8/10/06 15:18	2:40	27.9	0.0	31	25.9	8/10/06 14:49	2:11	18.6	0.0
8/17 am	8/17/06 6:38	5	158.4	8/17/06 9:48	3:10	18.6	0.0	5	87.2	8/17/06 9:20	2:42	22.6	0.0	298	34.4	8/17/06 8:54	2:16	16.7	0.0
8/20 pm	8/20/06 10:42	3784	143.3	8/20/06 12:52	2:10	18.7	-	-	-	-	-	-	-	2489	88.2	8/20/06 13:17	2:35	16.9	-
8/20 pm	8/20/06 10:42	2282	151.2	8/20/06 13:59	3:17	18.7	-	-	-	-	-	-	-	836	88.9	8/20/06 14:27	3:45	17.0	-
8/24 pm	8/24/06 12:41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEOMEAN	Average	228						5						387					
	Max	1534			2:58	19.9	0.0	5			2:41	25.3	0.0	821			2:37	17.9	0.3
	Mn	3784			3:18	23.5	0.0	5			2:42	27.9	0.0	2489			3:45	20.1	1.0
# of samples		5			2:10	18.6	0.0	5			2:40	22.6	0.0	31			2:11	16.7	0.0
		4						2						5					



Little River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE	PEAK HIGH	L77	OB	Sample	Time Past	Salinity	B81	OB	Sample	Time Past	Water	Salinity	BP1	OB	Sample	Time Pas	Water	Salinity
DATE / CYCLE	TIDE TIME	col/100mL(410-610nm)	(410-610nm)	Collection Time	Peak High	(‰)	col/100mL(410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)	col/100mL(410-610nm)	(410-610nm)	Collection Time	Peak High	Temp	(‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	47	-	7/26/06 15:44	2:35	27.0	6.0
8/3 am	8/3/06 6:13	527	43	8/3/06 8:44	2:31	1.0	269	118.8	8/3/06 9:29	3:16	22.6	0.0	98	60.9	8/3/06 9:27	3:14	-	-
8/10 pm	8/10/06 12:38	145	19.6	8/10/06 14:35	1:57	18.3	5493	98.4	-	-	20.6	0.0	161	46.5	8/10/06 16:51	4:13	24.0	30.0
8/17 am	8/17/06 6:38	119	11.5	8/17/06 9:04	2:26	16.5	20	104.8	-	-	-	-	10	39.8	8/17/06 10:45	4:07	20.8	29.0
8/20 pm	8/20/06 10:42	1722	50.6	8/20/06 13:07	2:25	17.7	221	116.8	8/20/06 12:40	1:58	19.7	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	1565	53.8	8/20/06 14:12	3:30	17.5	41	125.6	8/20/06 13:45	3:03	19.0	-	-	-	-	-	-	-
8/24 pm	8/24/06 12:41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEOMEAN	Average	476					193						52					
	Max	816			2:33	18.3	1209				20.5	0.0	79			3:32	23.9	21.7
	Min	1722			3:30	21.3	5493				22.6	0.0	161			4:13	27.0	30.0
# of samples		119			1:57	16.5	20				19.0	0.0	10			2:35	20.8	6.0
		5					5						4					



Saltwater Sites: Enterococci samples should not exceed a criterion of 104 colonies per 100 ml for a single sample or a geometric mean of 35 colonies per 100 ml based on 5 or more samples collected within a 30-day period (EPA 1986).

(Freshwater Sites: Enterococci samples should not exceed a criterion of 61 colonies per 100 ml for a single sample or a geometric mean of 31 colonies per 100 ml based on 5 or more samples collected within a 30-day period.)

**Enterococci values of <10 are shown as 5 in order to calculate geometric means and averages.

- Rain Event

Little River Watershed 2006 Bacteria and Fluorometry Results

SAMPLE DATE / CYCLE	PEAK HIGH TIDE TIME	BP1a col/100mL(410-610nm)	OB	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)	BP2 col/100mL(410-610nm)	OB	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)	BP3 col/100mL(410-610nm)	OB	Sample Collection Time	Time Pas Peak High	Water Temp	Salinity (‰)
7/26 pm	7/26/06 13:09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/3 am	8/3/06 6:13	-	-	-	-	-	-	146	138.3	8/3/06 9:35	3:22	-	-	74	123.7	8/3/06 9:50	3:37	-	-
8/10 pm	8/10/06 12:38	175	31.1	8/10/06 15:31	2:53	-	-	20	154	8/10/06 16:56	4:18	22.6	4.0	31	82.1	8/11/06 17:07	4:29	22.5	3.0
8/17 am	8/17/06 6:38	-	53.9	8/17/06 10:34	3:56	21.3	-	441	65.5	8/17/06 8:20	1:42	18.7	5.0	5	57	8/17/06 8:45	2:07	14.9	0.0
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/20 pm	8/20/06 10:42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/24 pm	8/24/06 12:41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEOMEAN		175						109						23					
Average		175		3:24	21.3	-		202		3:07	20.7	4.5		37		11:24	18.7	1.5	
Max		175		3:56	21.3	0.0		441		4:18	22.6	5.0		74		4:29	22.5	3.0	
Min		175		2:53	21.3	0.0		20		1:42	18.7	4.0		5		2:07	14.9	0.0	
# of samples		1						3						3					

