

**Beachwalk Force Main Break, Shoreline Water Quality Data, Enterococcus - Counts per 100 ml of seawater**

Sampling Date	Kewalo -Point Panic	Ala Moana BP - Ewa Concession	Ala Moana BP - MI Concession	Ala Moana Bridge	8 - Magic Is Finger	Ala Moana Canoe Launch Ramp	Ala Wai Boat Launch Ramp	9-Hilton	10-Hale Koa	11 - Halekula ni - Sheraton	12 - Moana	13 - Groin	Queens Surf Beach	Natatorium	Makalei
3/24/2006	2	3	Est 62	5500	2600			9	33	3	27	67	10	0.9	6
3/25/2006	22	42	240	9500	3700			310	330	220	120	320	35	8	28
3/26/2006	430	3	56	24000	3900			230	110	48	40	740	17	5	29
3/27/2006	30	5	28	82000	31000			1700	160	160	46	10	10	44	Est 88
3/28/2006	9	54	300	150000	69000			320	100	72	25	5	13	11	0.9
3/29/2006	Est 79	4	48	120000	13000			410	110	27	71	7	16	5	8
3/30/2006	20	7	15	3000	500			20	15	6	15	15	11	5	<0.9
3/31/2006	Est 61	5	29	4000	2700			470	170	86	130	3	26	24	13
4/1/2006	23	5	26	6600	2000			1200	690	280	250	60	44	17	Est 97
4/2/2006	3	6	10	1000	170			10	70	30	20	37	4	2	8
4/3/2006	<0.9	<0.9	3	900	70			8	10	3	8	23	<1	<1	79
4/4/2006	<1	<1	1	100	93			4	1	3	34	20	<1	1	1
4/5/2006	<1	<1	<1	920	50			33	10	7	4	20	9	<1	4
4/6/2006				440	50	420	40	11	7	3	32	11	5	1	
4/7/2006				1400	98	250	70	12	7	1	15	44	4	1	
4/8/2006				700	82	66	>60	2	10	1	1	20	1	6	
4/9/2006				160	80	170	83	2	20	1	2	9	2	<1	
4/10/2006				230	76	250	230	9	2	1	1	18	2	1	
4/11/2006				410	48	200	170	2	35	2	2	24	2	<1	
4/12/2006				440	58	250	20	2	35	3	7	5	5	1	
4/13/2006				780	270	Est 880	Est 710	2	44	2	5	6	1	<1	
4/14/2006				860	60	100	110	1	3	3	1	27	<1	<1	
4/15/2006				670	82	230	73	1	3	5	1	10	2	1	
4/16/2006				310	50	30	440	1	1	7	1	7	1	14	
4/17/2006				150	26	70	110	1	1	1	3	4	<1	1	
4/18/2006				170	22	100	100	1	1	2	1	3	5	1	
4/19/2006				70	56	97	360	1	1	1	1	4	7	<1	
4/20/2006					38	42	100	1	<1	<1	3	<1	7	<1	

**Beachwalk Force Main Break, Shoreline Water Quality Data, C. perfringens - Counts per 100 ml of seawater**

Sampling Date	Kewalo -Point Panic	Ala Moana BP - Ewa Concession	Ala Moana BP - MI Concession	Ala Moana Bridge	8 - Magic Is Finger	Ala Moana Canoe Launch Ramp	Ala Wai Boat Launch Ramp	9-Hilton	10-Hale Koa	11 - Halekula ni - Sheraton	12 - Moana	13 - Groin	Queens Surf Beach	Natatorium	Makalei
3/24/2006	2	<1	2	230	180			8	2	2	2	1	1	<1	1
3/25/2006	1	<1	1	240	170			16	12	7	3	5	<1	1	2
3/26/2006	<1	1	<1	370	90			15	6	1	3	4	1	<1	26
3/27/2006	2	<1	4	600	800			32	7	7	2	2	3	2	6
3/28/2006	8	5	19	3000	1200			34	10	8	5	1	7	4	2
3/29/2006	7	4	16	1700	760			50	19	9	4	1	3	1	6
3/30/2006	8	12	16	70	220			27	10	2	2	2	11	8	3
3/31/2006	4	1	6	280	200			44	15	9	1	1	8	3	2
4/1/2006	7	1	1	200	70			170	47	38	13	18	2	6	5
4/2/2006	2	1	3	50	58			65	29	48	18	5	4	1	4
4/3/2006	4	5	5	30	34			32	24	20	6	4	3	2	4
4/4/2006	<1	<1	2	48	32			25	26	26	10	4	3	1	1
4/5/2006	<1	1	<1	28	16			9	18	15	1	2	6	4	1
4/6/2006				22	16	32	4	9	14	16	2	2	1	<1	
4/7/2006				32	12	26	9	3	27	2	3	1	2	<1	
4/8/2006				20	11	27	19	8	10	1	1	1	2	1	
4/9/2006				20	14	11	14	5	5	1	1	1	1	1	
4/10/2006				20	20	25	7	5	15	2	1	1	<1	1	
4/11/2006				52	18	30	19	5	8	3	1	3	1	2	
4/12/2006				34	16	43	10	5	12	7	1	2	1	3	
4/13/2006				34	30	52	34	5	12	4	1	1	1	<1	
4/14/2006				20	17	22	20	8	13	4	2	1	2	<1	
4/15/2006				28	33	24	12	5	10	7	11	3	4	<1	
4/16/2006				21	15	20	3	5	11	8	2	5	4	3	
4/17/2006				27	13	20	2	8	2	1	2	1	6	4	
4/18/2006				39	10	17	9	6	4	2	1	1	2	<1	
4/19/2006				25	10	16	6	3	2	1	1	1	10	<1	
4/20/2006					8	8	11	2	5	2	<1	<1	<1	<1	

<b>Beachwalk FM Break, Ala Wai Canal Water Quality Data, Enterococcus - Counts per 100 ml of seawater</b>						<b>Beachwalk Force Main Break, Ala Wai Canal Water Quality Data, C. perfringens - Counts per 100 ml of seawater</b>					
	Date St.	Seaside Ave	Kaiolu St.	McCully St. Bridge	Ala Moana Blvd Bridge		Date St.	Seaside Ave	Kaiolu St.	McCully St. Bridge	Ala Moana Blvd Bridge
3/24/2006		Est 10,000	Est 16,000	Est 13,000	5,500	3/24/2006		200	200	270	230
3/25/2006		Est 14,000	23,000	Est 17,000	Est 9,500	3/25/2006		250	Est 750	140	240
3/26/2006		21,000	38,000	18,000	24,000	3/26/2006		590	Est 840	290	370
3/27/2006	10,000	Est. 120,000	>60,000	Est 80,000	Est 82,000	3/27/2006	400	>600	>600	Est. 1,900	>600
3/28/2006	4,200	35,000	60,000	39,000	Est. 150,000	3/28/2006	130	2,100	2,700	900	3,000
3/29/2006	1,500	Est 200,000	Est. 140,000	780,000	120,000	3/29/2006	80	5,900	4,700	Est 900	1,700
3/30/2006	1,300	3,000	700	2,000	3,000	3/30/2006	88	140	91	140	70
3/31/2006	Est. 7300	3,000	4,300	2,700	4,000	3/31/2006	210	370	200	110	280
4/1/2006	2,100	7,400	9,600	5,700	6,600	4/1/2006	67	250	230	170	200
4/2/2006	1,000	1,500	1,100	1,200	1,000	4/2/2006	40	73	40	30	50
4/3/2006	2,100	500	680	700	900	4/3/2006	60	84	86	38	30
4/4/2006	1,800	300	700	200	100	4/4/2006	110	44	88	52	48
4/5/2006	1,400	2,200	1,800	Est. 1,300	920	4/5/2006	25	22	40	28	28
4/6/2006	1,100	1,200	1,100	660	440	4/6/2006	46	18	20	22	22
4/7/2006	1,900	540	1,200	1,300	1,400	4/7/2006	40	34	64	50	32
4/8/2006	1,100	160	820	620	700	4/8/2006	56	44	60	26	20
4/9/2006	1,600	240	1,100	500	160	4/9/2006	30	36	50	30	20
4/10/2006	1,300	170	800	480	230	4/10/2006	Est. 200	56	48	36	20
4/11/2006	Est. 8000	500	Est. 4,400	700	410	4/11/2006	Est. 410	56	Est. 160	72	52
4/12/2006	2,200	70	1,200	740	440	4/12/2006	80	50	130	42	34
4/13/2006	2,500	50	1,200	1,700	780	4/13/2006	140	24	55	94	34
4/14/2006	2,200	72	1,000	660	860	4/14/2006	40	30	60	24	20
4/15/2006	4,800	220	2,200	1,100	670	4/15/2006	66	25	46	28	28
4/16/2006	2,300	170	860	360	310	4/16/2006	84	20	68	22	21
4/17/2006	1,200	110	640	170	150	4/17/2006	72	52	98	44	27
4/18/2006	1,200	410	440	210	170	4/18/2006	68	21	56	22	39
4/19/2006	530	20	200	180	70	4/19/2006	64	22	42	30	25
4/20/2006	1400	120	430	Est. 240	90	4/20/2006	74	31	56	40	24