

Supplemental Table S-4: Vibrio abundance and percentage of pathogenic Vibrio isolates. Total colony counts on TCBS medium (CFU per 100 ml) and % of all purified isolates from either TCBS or CHROMagar® Vibrio media identified as *V. cholerae*, *V. vulnificus*, and *V. parahaemolyticus*, or other species for water samples collected from Lake Pontchartrain and from the 17th Street and Industrial Canals.

Panel A: 11 Oct 2005						
Station	Total Vibrio CFU/100mL	Number of Isolates	Positive Isolates (%)			
			<i>V. cholerae</i>	<i>V. vulnificus</i>	<i>V. parahaemolyticus</i>	Other
Lake, A1	2690	23	30	39	4	26
Lake, A2	532	11	18	55	0	27
Lake, A3	524	13	8	62	0	31
Lake, A4	352	25	16	36	4	44
Lake, B1	2350	15	13	60	7	20
Lake, B2	776	19	5	74	0	21
Lake, B3	148	11	36	27	9	27
Lake, B4	128	42	24	24	0	52
Lake, C1	756	7	29	57	0	14
Lake, C2	532	13	23	54	0	23
Lake, C3	612	5	0	40	0	60
Lake, C4	196	22	5	41	0	55
17 th St. Canal, S1	5580	29	79	3	0	17
Industrial Canal, S3	1780	29	10	72	3	14
Average	1150	19	21	46	1.8	31

Panel B: 27 Jan 2006						
Station	Total Vibrio CFU/100mL	Number of Isolates	Positive Isolates (%)			
			<i>V. cholerae</i>	<i>V. vulnificus</i>	<i>V. parahaemolyticus</i>	Other
Lake, A1	676	19	0	0	0	100
Lake, B1	412	13	0	0	0	100
Lake, B2	408	11	0	0	0	100
Lake, B3	36	12	8	0	0	92
Lake, D1	472	12	0	0	0	100
Lake, D2	596	15	0	0	0	100
Lake, D3	44	12	0	0	17	83
Lake, D4	32	12	8	0	0	92
Lake, E1	332	13	0	0	0	100
Lake, E2	268	14	0	0	0	100
Lake, E3	172	12	0	0	0	100
Lake, E4	60	12	0	0	0	100
17 th St. Canal, S1	288	32	0	0	0	100
Industrial Canal, S3	664	19	11	0	0	89
Average	298	14	1.8	0	1.1	97