

**Appendix B:**

Water Quality Field Measurements and Calibration  
Records

Pages 1-128



7/31/2012	M00A INF	7:45	7.64	16.3	7.01	72.6	0.02	17.50	Brown/Cloudy	Small particul	None	None
7/31/2012	M00A INF	11:32	7.28	16.9	5.89	72.0	0.03	26.13	Brown/Cloudy	None	None	None
7/31/2012	M00A INF	15:50	7.32	16.8	6.21	73.2	0.03	22.77	Brown/Cloudy	Yes	None	Sulfur
7/31/2012	M00A EFF	8:20	7.67	16.2	5.70	73.7	0.03	0.37	Clear	None	None	None
7/31/2012	M00A EFF	11:15	7.63	16.6	6.09	73.2	0.02	0.37	Clear	None	None	None
7/31/2012	M00A EFF	15:30	7.44	16.8	4.79	73.1	0.03	0.34	Clear	None	None	None
8/1/2012	M00A INF	7:47	7.18	17.0	6.20	71.5	0.05	17.90	Light Brown/Cloudy	None	None	None
8/1/2012	M00A INF	14:52	7.23	17.1	7.18	74.6	0.03	20.70	Light Brown/Cloudy	None	None	None
8/1/2012	M00A EFF	8:11	7.39	17.0	6.10	72.4	0.02	1.15	Clear	None	None	None
8/1/2012	M001 EFF	14:26	7.27	16.9	5.08	73.1	0.06	1.84	Clear	None	None	None
8/2/2012	M00A INF	11:15	7.38	17.0	7.16	72.4	0.05	28.00	Brown/Cloudy	Tiny	None	Playdoh
8/2/2012	M00A INF	14:23	7.31	17.0	6.90	74.3	0.06	21.30	whitish- gray/cloudy	None	None	Chemical (not chlorine)
8/2/2012	M00A INF	18:30	7.39	17.1	8.40	72.4	0.02	24.50	Yellow/brown	Lots of small	None	Sulfur
8/2/2012	M001 EFF	10:48	7.40	17.1	3.84	73.2	0.03	1.36	Clear	None	None	None
8/2/2012	M001 EFF	13:48	7.36	17.0	5.36	74.6	0.04	0.29	Clear	None	None	None
8/2/2012	M001 EFF	18:30	7.35	17.1	5.76	72.8	0.03	0.35	Clear	None	None	None
8/3/2012	M00A INF	14:00	7.52	16.1	9.02	73.9	0.05	12.80	Brown	1 bug	None	None
8/3/2012	M00A INF	15:00	7.50	16.2	9.05	74.4	0.08	13.20	Brown	bugs	None	None
8/3/2012	M001 EFF	14:15	7.54	16.2	6.12	74.8	0.05	0.32	Clear	None	None	None
8/3/2012	M001 EFF	15:15	7.50	16.2	5.64	74.9	0.06	0.32	Clear	None	None	None
8/6/2012	M00A INF	14:30	7.66	13.8	9.06	74.9	0.08	18.80	Brown/Cloudy	None	None	None
8/6/2012	M00A INF	15:40	7.40	13.9	8.92	74.0	0.10	7.40	Brown/Cloudy	2bugs	None	None
8/6/2012	M001 EFF	14:50	7.68	14.1	5.58	75.5	0.04	0.30	Clear	None	None	None
8/6/2012	M001 EFF	15:50	7.64	13.9	5.59	74.7	0.04	0.48	Clear	None	None	None
8/7/2012	M00A INF	15:45	7.48	13.6	10.36	77.0	0.08	22.73	Brownish/Very cloudy	None	None	None
8/7/2012	M00A INF	16:40	7.48	13.7	11.37	76.9	0.05	19.00	Brown/Cloudy	None	None	Slightly funky
8/7/2012	M001 EFF	16:00	7.25	13.7	4.97	77.2	0.03	0.48	Clear	None	None	None

8/7/2012	M001 EFF	16:55	7.29	13.7	5.65	77.0	0.03	0.30	Clear	None	None	None
8/8/2012	M00A INF	8:30	7.58	13.7	8.00	73.6	0.09	10.80		None	None	None
8/8/2012	M00A INF	14:00	7.70	13.7	9.35	75.0	0.06	15.90	Tan/brown	suspend ed	None	None
8/8/2012	M001 EFF	8:50	7.48	13.7	4.54	74.8	0.03	0.70	Clear	None	None	None
8/8/2012	M001 EFF	14:20	7.50	13.7	3.44	76.4	0.04	0.60	Clear	None	None	None
8/9/2012	M00A INF	9:30	8.07	13.9	9.86	75.2	0.03	23.50	Brown/Cloudy	None	None	None
8/9/2012	M00A INF	15:00	8.14	13.9	10.51	77.6	0.03	17.60	Brown/Cloudy	None	None	None
8/9/2012	M001 EFF	9:50	7.93	13.9	5.64	76.4	0.03	1.49	Clear	None	None	None
8/9/2012	M001 EFF	15:30	7.82	13.9	5.49	77.5	0.03	1.09	Clear	None	None	None
8/10/2012	M00A INF	11:27	7.79	13.6	8.08	74.9	0.05	21.00	Brown/Cloudy	Inverts	None	None
8/10/2012	M00A INF	15:03	7.97	13.6	11.50	76.4	0.05	17.73	Brown/Cloudy	None	None	None
8/10/2012	M001 EFF	11:36	7.62	13.8	2.41	75.7	0.02	0.46	Clear	None	None	None
8/10/2012	M001 EFF	15:15	7.64	13.8	3.37	76.9	0.03	0.50	Clear	None	None	None
8/13/2012	M00A INF	9:55	7.80	14.1	6.74	76.7	0.11	42.10	Brown	None	None	None
8/13/2012	M00A INF	15:50	8.15	12.7	11.11	82.0	0.06	20.60	Brown	None	None	None
8/13/2012	M001 EFF	10:30	7.93	14.1	3.19	75.2	0.06	0.64	Clear	None	None	None
8/13/2012	M001 EFF	16:10	7.75	13.0	2.76	81.2	0.03	0.77	Clear	None	None	None
8/14/2012	M00A INF	8:30	7.84	13.3	7.46	75.8	0.04	10.19	Light Brown	None	None	None
8/14/2012	M00A INF	13:50	7.91	13.3	10.30	77.2	0.05	13.30	Tan	Soil	None	None
8/14/2012	M001 EFF	9:00	7.71	13.3	4.05	76.3	0.03	0.46	Clear	None	None	None
8/14/2012	M001 EFF	14:06	7.80	13.3	5.84	77.3	0.06	0.75	Clear	small resin	None	None
8/15/2012	M00A INF	14:50	8.07	12.8	10.46	78.5	0.05	7.20	Cloudy	None	None	None
8/15/2012	M00A INF	15:45	8.07	13.5	11.09	77.8	0.20	6.70	Cloudy	None	None	None
8/15/2012	M001 EFF	15:10	7.81	13.5	5.98	77.5	0.00	1.30	Clear	None	None	None
8/15/2012	M001 EFF	16:20	7.81	13.5	5.94	78.0	0.02	0.66	Clear	None	None	None
8/16/2012	M00A INF	14:40	7.86	13.6	9.92	75.4	0.08	10.90	Brown/ Cloudy	particul	None	None
8/16/2012	M00A INF	16:10	7.84	13.6	8.45	75.5	0.07	12.77	Light brown	soil particul	None	None
8/16/2012	M001 EFF	15:00	7.68	13.7	4.42	76.6	0.06	0.97	Clear	None	None	None

8/16/2012	M001 EFF	16:30	7.75	13.6	5.45	76.4	0.04	0.36	Clear	None	None	None
8/17/2012	M00A INF	8:30	8.08	13.7	9.42	73.9	0.05	6.92	Slightly yellow/ cloudy	None	None	None
8/17/2012	M00A INF	13:33	8.23	13.5	12.61	75.7	0.09	7.32	light yellow	Yes - few	None	None
8/17/2012	M001 EFF	9:00	7.86	13.7	4.80	74.2	0.03	1.56	Clear	None	None	None
8/17/2012	M001 EFF	14:03	7.85	13.6	3.61	76.2	not	1.03	Clear	None	None	None
8/20/2012	M00A INF	8:30	7.50	13.6	9.28	74.7	0.03	17.20	light brown	None	None	None
8/20/2012	M001 EFF	9:00	7.36	13.6	3.83	75.4	0.06	1.22	Clear	None	None	None
8/21/2012	M00A INF	10:24	8.14	13.4	11.25	76.9	0.11	17.63	Cloudy/ brown- yellow	None	None	Chemical/ chlorine
8/21/2012	M00A INF	14:02	8.29	13.5	12.78	78.0	0.11	13.67	Hazy yellowish	None	None	Chemical/ chlorine
8/21/2012	M001 EFF	10:42	7.73	13.5	3.53	77.3	0.02	0.82	Clear	None	None	None
8/21/2012	M001 EFF	14:30	7.87	13.5	4.92	78.7	0.07	0.94	Clear	None	None	None
8/22/2012	M00A INF	15:00	7.90	13.8	10.43	83.5	0.14	17.13	tan/ brown	particul	None	None
8/22/2012	M001 EFF	15:30	7.92	13.6	2.45	80.6	0.02	2.09	Clear	None	None	None
8/23/2012	M00A INF	16:30	8.19	13.6	9.83	79.4	0.03	18.40	Cloudy	small black	None	None
8/23/2012	M001 EFF	16:15	7.84	13.7	2.55	78.7	0.02	0.68	Clear	small salt like	None	None
8/24/2012	M00A INF	14:30	8.08	13.5	7.37	76.9	0.02	19.20	brown/ cloudy	None	None	None
8/24/2012	M00A INF	15:30	8.09	13.5	6.92	76.6	0.04	19.80	brown/ cloudy	None	None	None
8/24/2012	M001 EFF	15:00	7.81	13.6	1.11	77.3	0.04	1.22	Clear	None	None	None
8/24/2012	M001 EFF	16:00	7.82	13.6	1.26	77.3	0.02	0.44	Clear	None	None	None
8/27/2012	M00A INF	15:20	8.04	12.1	6.67	73.7	0.07	23.60	Brown	None	None	None
8/27/2012	M001 EFF	15:40	7.92	12.5	2.95	74.5	0.02	1.69	Clear	None	None	None
8/28/2012	M00A INF	9:15	7.98	11.7	6.94	72.3	0.02	15.53	murky brown	None	None	None
8/28/2012	M00A INF	12:30	7.92	11.7	5.69	74.3	0.02	44.30	very murky brown	small	None	None
8/28/2012	M001 EFF	9:40	7.94	11.6	5.94	73.1	0.06	0.25	Clear	None	None	None



Date	Site ID	Time (24 hr)	pH	Salinity (ppt)	Average Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Average Turbidity (NTU)	Water Color	Debris	Oily sheen	Odor
9/4/2012	M00A INF	13:30	7.91	8.6	7.58	72.3	0.07	11.96	Murky Brown	None	None	None
9/4/2012	M00A INF	15:10	7.98	8.6	8.00	73.5	0.06	10.49	Murky Brown	None	None	None
9/4/2012	M001 EFF	13:45	7.92	8.7	6.07	74.0	0.02	0.32	Clear	None	None	None
9/4/2012	M001 EFF	15:25	7.95	8.7	6.46	74.3	0.02	0.24	Clear	None	None	None
9/5/2012	M00A INF	9:20	7.84	8.7	6.86	73.0	0.13	7.86	Murky Brown	None	None	None
9/5/2012	M001 EFF	9:45	7.81	8.6	6.28	73.1	0.08	1.11	Clear	None	None	None
9/6/2012	M00A INF	10:25	7.77	8.3	7.83	72.5	0.06	11.30	Brown	None	None	None
9/6/2012	M00A INF	14:30	7.91	8.3	8.84	74.3	0.10	16.70	Brown	None	None	None
9/6/2012	M001 EFF	10:45	7.72	8.40	4.39	73.5	0.04	0.47	Clear	None	None	None
9/6/2012	M001 EFF	15:00	7.80	8.4	5.79	75.8	0.04	0.64	Clear	None	None	None
9/7/2012	M00A INF	8:30	7.93	8.5	8.62	73.6	0.04	9.18	Light Brown	None	None	None
9/7/2012	M00A INF	15:00	8.25	8.4	11.87	77.9	0.08	16.40	Dark Brown	None	None	None
9/7/2012	M001 EFF	9:00	7.73	8.5	3.47	73.5	0.04	0.57	Clear	None	None	None
9/7/2012	M001 EFF	15:30	7.77	8.5	2.92	76.1	0.05	0.28	Clear	None	None	None
9/10/2012	M00A INF	11:20	7.45	8.4	9.77	75.8	0.09	15.87	Light Yellow	None	None	None
9/10/2012	M00A INF	2:43	7.54	8.4	11.50	77.1	0.18	16.30	Light Yellow	None	None	None
9/10/2012	M001 EFF	11:45	7.46	8.4	5.78	76.4	0.07	0.44	Clear	None	None	None
9/10/2012	M001 EFF	3:03	7.53	8.4	5.93	77.6	0.09	0.42	Clear	None	None	None
9/11/2012	M00A INF	10:15	7.98	8.3	9.15	76.0	0.17	11.40	Light Brown	None	None	None
9/11/2012	M00A INF	15:15	8.02	8.4	11.24	76.5	0.08	16.40	Light Green	None	None	None
9/11/2012	M001 EFF	12:00	7.84	8.4	6.13	76.3	0.06	1.30	Clear	None	None	None
9/11/2012	M001 EFF	15:00	8.00	8.4	6.30	77.1	0.05	2.89	Clear	None	None	None
9/12/2012	M00A INF	16:45	8.02	8.3	9.13	77.9	0.10	13.60	Light Brown	None	None	None
9/12/2012	M00A INF	11:08	8.02	8.3	8.43	75.8	0.04	14.10	Brown	None	None	None
9/12/2012	M001 EFF	12:00	7.97	8.3	6.05	76.1	0.03	1.07	Clear	None	None	None
9/12/2012	M001 EFF	17:20	8.40	8.3	4.72	76.5	0.01	0.82	Clear	None	None	None
9/13/2012	M00A INF	8:30	8.03	8.2	7.30	74.2	0.03	7.45	Light Brown	None	None	None
9/13/2012	M00A INF	2:30	8.00	8.1	8.04	75.4	0.03	6.43	Light Brown	None	None	None

9/13/2012	M001 EFF	9:20	8.12	8.3	6.12	74.5	0.01	0.72	Clear	None	None	None
9/13/2012	M001 EFF	3:00	8.04	8.2	6.18	75.4	0.02	0.35	Clear	None	None	None
9/14/2012	M00A INF	8:30	8.17	8.2	7.66	73.9	0.02	5.75	Light Brown	None	None	None
9/14/2012	M00A INF	13:10	8.08	8.2	7.85	75.1	0.02	5.92	Light Brown	None	None	None
9/14/2012	M001 EFF	8:45	8.15	8.2	6.41	74.9	0.01	0.33	Clear	None	None	None
9/14/2012	M001 EFF	13:35	8.07	8.2	6.24	75.9	0.05	0.42	Clear	None	None	None
9/17/2012	M00A INF	12:10	7.87	8.2	7.82	75.7	0.08	4.57	Light Brown	None	None	None
9/17/2012	M00A INF	14:58	7.96	8.2	8.70	77.9	0.08	5.62	Light Brown	None	None	None
9/17/2012	M001 EFF	12:30	7.83	8.2	5.37	76.3	0.02	0.47	Clear	None	None	None
9/17/2012	M001 EFF	15:11	7.93	8.2	6.19	76.7	0.02	0.66	Clear	None	None	None
9/18/2012	M00A INF	7:15	8.00	8.2	8.04	72.4	0.05	3.49	Clear	None	None	None
9/18/2012	M00A INF	1:30	8.09	8.2	9.40	74.3	0.09	2.67	Clear	None	None	None
9/18/2012	M001 EFF	7:30	8.06	8.3	5.64	72.3	0.02	0.47	Clear	None	None	None
9/18/2012	M001 EFF	1:30	8.06	8.2	6.17	74.5	0.04	0.45	Clear	None	None	None
9/19/2012	M00A INF	7:30	7.55	8.2	8.33	69.7	0.04	2.94	Light Brown	None	None	None
9/19/2012	M00A INF	15:30	7.65	8.2	10.22	75.2	0.06	2.69	Clear	None	None	None
9/19/2012	M001 EFF	7:45	7.61	8.2	7.28	69.8	0.02	0.56	Clear	None	None	None
9/19/2012	M001 EFF	16:00	7.50	8.3	4.82	74.5	0.02	0.21	Clear	None	None	None
9/20/2012	M00A INF	7:40	7.94	8.2	8.23	70.7	0.04	2.48	Light Brown	None	None	None
9/20/2012	M00A INF	11:00	8.00	8.3	8.73	72.5	0.05	2.26	Clear	None	None	None
9/20/2012	M00A INF	13:50	8.00	8.2	9.73	74.0	0.11	2.24	Clear	None	None	None
9/20/2012	M001 EFF	8:10	8.02	8.3	7.18	70.7	0.02	0.29	Clear	None	None	None
9/20/2012	M001 EFF	11:15	7.94	8.3	6.02	72.6	0.03	0.02	Clear	None	None	None
9/20/2012	M001 EFF	14:10	7.96	8.2	7.05	74.3	0.02	7.22	Clear	None	None	None
9/21/2012	M00A INF	7:35	7.67	8.3	8.16	70.9	0.04	2.30	Clear	None	None	None
9/21/2012	M00A INF	13:40	7.73	8.2	8.95	74.4	0.05	2.51	Clear	None	None	None
9/21/2012	M001 EFF	8:00	7.73	8.3	6.73	71.6	0.03	0.01	Clear	None	None	None
9/21/2012	M001 EFF	14:00	7.74	8.2	7.08	74.5	0.04	0.09	Clear	None	None	None
9/24/2012	M00A INF	8:40	7.64	8.3	7.87	73.4	7.11	2.94	Light Brown	None	None	None
9/24/2012	M00A INF	10:05	7.69	8.3	8.11	73.6	0.03	3.20	Light Brown	None	None	None
9/24/2012	M001 EFF	9:00	7.72	8.3	5.38	73.5	0.09	0.45	Clear	None	None	None
9/24/2012	M001 EFF	10:15	7.64	8.3	5.59	74.1	0.01	1.18	Clear	None	None	None



10/9/2012	M00A INF	8:33	8.09	7.4	8.32	64.8	0.06	11.01		None	None	None
10/9/2012	M001 EFF	9:00	8.13	7.5	5.83	66.9	0.04	1.43		None	None	None
10/10/2012	M00A INF	11:45	7.87	7.5	8.73	70.1	0.07	6.57	Light Brown	None	None	None
10/10/2012	M00A INF	15:17	7.95	7.6	9.35	75.2	0.03	6.44	Light Brown	None	None	None
10/10/2012	M001 EFF	12:15	7.80	7.5	6.56	68.0	0.07	20.90	Light Brown	None	None	None
10/10/2012	M001 EFF	15:40	7.85	7.6	7.13	73.2	0.06	2.49	Clear	None	None	None
10/11/2012	M00A INF	7:51	8.60	7.6	7.81	63.0	0.03	7.68		None	None	None
10/11/2012	M00A INF	13:26	8.15	7.6	9.26	72.8	0.08	7.93	Light Brown	None	None	None
10/11/2012	M001 EFF	8:34	8.10	7.6	6.66	64.8	0.06	1.20		None	None	None
10/11/2012	M001 EFF	13:35	8.06	7.6	6.52	70.3	0.12	0.35	Clear	None	None	None
10/12/2012	M00A INF	3:30	8.41	8.6	11.96	71.9		9.18	Light Brown	None	None	None
10/12/2012	M001 EFF	3:00	8.09	8.5	8.25	72.4	0.01	4.42	Clear	Cloudy	None	None
10/15/2012	M00A INF	3:15	8.37	8.7	13.02	75.6	0.06	15.37	Light Brown	Cloudy	None	Slight
10/15/2012	M001 EFF	3:45	8.11	8.9	5.45	74.0	0.06	1.26	Clear	None	None	None
10/16/2012	M00A INF	7:23	7.83	8.0	6.22	66.4	0.02	12.43		None	None	None
10/16/2012	M001 EFF	7:45	7.85	8.0	6.21	67.0	0.03	1.05		None	None	None
10/17/2012	M00A INF	7:35	7.96	7.8	7.62	66.8	0.01	10.80	Light Brown	None	None	None
10/17/2012	M001 EFF	7:46	7.87	7.9	4.52	68.4	0.06	5.13	Clear	None	None	None
10/18/2012	M00A INF	10:40	7.73	8.4	6.04	69.8	0.04	16.93	Light Brown	Some	None	None
10/18/2012	M00A INF	11:40	7.76	8.5	6.21	70.4	0.04	12.97	Brown	some	None	None
10/18/2012	M001 EFF	11:09	7.67	8.5	4.53	70.2	0.05	2.22	Clear	None	None	None
10/18/2012	M001 EFF	12:14	7.63	8.5	3.19	71.0	0.04	1.12	Clear	None	None	None
10/19/2012	M00A INF	7:36	7.70	8.3	7.59	69.0	0.05	8.94	Light Brown	None	None	None
10/19/2012	M001 EFF	8:00	7.72	8.3	6.73	70.1	0.03	3.50	Clear	None	None	None

Entered by MA, ET 08-10-12

Date: 07-23-12 Project Name: Ocean Dewatering Day 1

Sampler Name(s) Mark Abramson, Tim Mabry, Suzanne Goode, Nae Rishie, Ivan Tafarynejad

Calibration pH 7 & 10	<u>Yes</u> or no	Conductivity	µS or <u>1000S</u>	Lot # <u>12E100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>8-2013</u>
calibrated by (Print): <u>Suzanne Goode</u>		Residual Chlorine <u>(0.23, 0.90, 1.63)</u>		Lot # <u>A2187A</u>	Exp date: <u>July 2014</u>
Mark Abramson		Sign: <u>MA</u>		<u>Suzanne Goode</u>	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M&amp;QA - INF</u>	<u>12:00</u>	<u>8.36</u>	<u>7.2</u>	<u>8.23</u>	<u>76.9</u>	<u>0.07</u>	<u>18.0</u>
Rep 2		<u>8.36</u>	<u>7.2</u>	<u>8.15</u>	<u>77.0</u>	N/A	<u>17.5</u>
Rep 3		<u>8.36</u>	<u>7.2</u>	<u>8.21</u>	<u>76.9</u>	N/A	<u>17.8</u>
Mean		<u>8.36</u>	<u>7.2</u>	<u>8.19</u>	<u>76.9</u>	N/A <u>0.07</u>	<u>17.77</u>
Water Color	<u>Brownish</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M&amp;Q1 - EF</u>	<u>12:50</u>	<u>8.26</u>	<u>7.4</u>	<u>6.98</u>	<u>76.5</u>	<u>0.08</u>	<u>0.73</u>
Rep 2		<u>8.25</u>	<u>7.4</u>	<u>6.94</u>	<u>76.6</u>	N/A <u>0.08</u>	<u>0.69</u>
Rep 3		<u>8.23</u>	<u>7.5</u>	<u>6.86</u>	<u>76.7</u>	N/A <u>0.08</u>	<u>0.71</u>
Mean		<u>8.25</u>	<u>7.4</u>	<u>6.93</u>	<u>76.6</u>	N/A <u>0.08</u>	<u>0.71</u>
Water Color	<u>Clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print): Mark Abramson  
Suzanne Goode Signature: MA

7-23-17

Entered MA, ET 08-10-12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&D A - JNF	16:25	8.40	7.2	8.60	77.5	0.05	19.6
Rep 2		8.40	7.2	8.57	77.5	N/A	18.9
Rep 3		8.40	7.2	8.59	77.4	N/A	19.3
Mean		8.40	7.2	8.59	77.5	N/A 0.05	19.3
Water Color	Brownish cloudy	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&D I - EF	16:45	8.24	7.1	6.82	77.7	0.04	1.27
Rep 2		8.25	7.1	6.79	77.8	N/A	1.27
Rep 3		8.25	7.1	6.79	77.8	N/A	1.34
Mean		8.25	7.1	6.80	77.8	N/A 0.04	1.29
Water Color	clear	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Mack Abramson  
Suzanne Goode

Signature: *Mack Abramson*

Date 07-24-12 Project Name Ocean Dewatering Day 2

Sampler Name(s) Jamie King + Ivan Medel \*calibrated to 10MA std.

Calibration pH <u>7 &amp; 10</u>	<u>Yes</u> or no	Conductivity <u>9.46</u>	1 uS or 10 uS	Lot # <u>12E 100587</u>	Exp date: <u>12/2013</u>
<u>7.07, 10.06 (calib. @ 20°C)</u>		Turbidity <u>10.72, 10.22, 10.21, 9.49</u>	1 NTU or 10 NTU	Lot # <u>C251433</u>	Exp date: <u>9/13</u>
calibrated by (Print):			Residual Chlorine <u>0.23, 0.90</u>	Lot # <u>AZ187A</u>	Exp. date <u>7/2014</u>

\* calibrated to 10MA std.  
2.03, 2.08  
3.01, 1.04  
6.13

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>Influent</u> <sup>MOBA</sup>	<u>12:40</u>	<u>8.24</u> <sup>8.23</sup>	<u>5.5</u>	<u>9.14</u>	<u>74.1</u>	<u>.05</u>	<del>24.2</del>
Rep 2	<u>12:45</u>	<u>8.24</u> <sup>8.23</sup>	<u>5.5</u>	<u>9.18</u>	<u>74.1</u>	N/A	<del>22.2</del>
Rep 3	<u>12:50</u>	<u>8.24</u> <sup>8.23</sup>	<u>5.5</u>	<u>9.14</u>	<u>74.1</u>	N/A	<del>21.0</del>
Mean		<u>8.23</u> 0	<u>5.5</u> 0	<u>9.15</u> 0	<u>74.1</u> 0	N/A <u>0.05</u>	<u>21.47</u> 0
Water Color <u>cloudy</u> <u>W. brown</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>	

ok medel  
24.2  
22.2  
21.0

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MOBA-1 EF</u>	<u>13:10</u>	<u>8.05</u>	<u>5.6</u>	<u>7.10</u>	<u>75.2</u>	<u>0.02</u>	<u>1.70</u>
Rep 2	<u>13:15</u>	<u>8.07</u>	<u>5.5</u>	<u>7.09</u>	<u>75.1</u>	N/A	<u>1.72</u>
Rep 3	<u>13:20</u>	<u>8.08</u>	<u>5.4</u>	<u>7.08</u>	<u>75.1</u>	N/A	<u>1.72</u>
Mean		<u>8.066</u> 0	<u>5.5</u> <sup>5.6</sup> 0	<u>7.09</u> 0	<u>75.13</u> 0	N/A <u>0.02</u>	<u>1.713</u> 0
Water Color <u>clear</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>	

Samplers name (Print): Jamie King, Ivan Medel Signature: J. Medel

7/24/12  
pg. 2

Monitors = 8-KG, 1-Medel

Entered MA, ET 08-10-12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MBRA INF	12:15	8.15	5.8	9.08	76.8	.05	19.8
Rep 2	12:21	8.15	5.8	9.10	76.6	N/A	20.1
Rep 3	12:24	8.15	5.8	9.09	76.6	N/A	20.5
Mean		8.15 0	5.8 0	9.09 0	76.67 0	N/A 0.05	20.13 0
Water Color	cloudy light brown	Debris	yes; bits of dirt	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MODA 3 BF	12:43	7.97	5.7	6.44	77.0	.03	1.35
Rep 2	12:45	7.99	5.7	6.46	77.0	N/A	1.35
Rep 3	12:50	7.99	5.7	6.45	77.1	N/A	1.35
Mean		7.98 0	5.7 0	6.45 0	77.03 0	N/A 0.03	1.35 0
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

Date 7/24/12 Project Name Ocean de-watering day 2 (cont.)  
 Sampler Name(s) Van Redel, Nick Cherry *see pg 1 & 2*

Calibration pH 7 & 10	Yes or no	Conductivity	1 uS or 10 uS	Lot #	Exp date:
		Turbidity	1 NTU or 10 NTU	Lot #	Exp date:

calibrated by (Print): \_\_\_\_\_ Sign: \_\_\_\_\_

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ MDDA INF	15:27	8.08 8.16	6.1	8.80	78.9	0.05	20.1
Rep 2		8.15	6.0	8.80	78.9	N/A	19.9
Rep 3		8.15	6.0	8.80	78.9	N/A	19.0
Mean		8.153 0	6.03 0	8.80 0	78.9 0	N/A 0.05	19.67 0
Water Color	light brown	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MDDA-1 EF	15:54	7.87	5.9	6.72	77.4	0.04	1.16
Rep 2		7.90	5.9	6.74	77.3	N/A	1.15
Rep 3		7.88	5.8	6.73	77.3	N/A	1.14
Mean		7.883 0	5.86 0	6.73 0	77.33 0	N/A 0.04	1.15 0
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print): Van, Nick Cherry Signature: [Signature]  
Redel

pg. 2 of 2

Entered MA, ET 08-10-12

Date 07-25-2012 Project Name Ocean Dewatering Day 3

Sampler Name(s) MARK ABRAMSON / SUZANNE GOODE 10-01 Suzanne Goode

Calibration pH (7 & 10)	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot #	<u>12E 100587</u>	Exp date:	<u>12-2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot #	<u>C 2512 11</u>	Exp date:	<u>08-2013</u> <small>batch 03-05-12</small>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.64</u>	Lot #	<u>A 2187 A</u>	Exp date:	<u>07-2014</u>

calibrated by (Print): Mark Abramson / Suzanne Goode Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MODA INF</u>	<u>12:05</u>	<u>8.32</u>	<u>9.6</u>	<u>8.33</u>	<u>75.2</u>	<u>0.11</u>	<u>19.9</u>
Rep 2		<u>8.32</u>	<u>9.7</u>	<u>8.39</u>	<u>75.2</u>	N/A	<u>20.9</u>
Rep 3		<u>8.32</u>	<u>9.7</u>	<u>8.39</u>	<u>75.2</u>	N/A	<u>21.9</u>
Mean		<u>8.32</u>	<u>9.7</u>	<u>8.37</u>	<u>75.2</u>	<u>0.11</u>	<u>20.9</u>
Water Color	<u>Brown cloudy</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MOD1-EFF</u>	<u>12:30</u>	<u>8.15</u>	<u>8.2</u>	<u>6.46</u>	<u>74.7</u>	<u>0.08</u>	<u>2.26</u>
Rep 2		<u>8.15</u>	<u>8.2</u>	<u>6.39</u>	<u>74.7</u>	N/A	<u>2.25</u>
Rep 3		<u>8.15</u>	<u>8.2</u>	<u>6.38</u>	<u>74.8</u>	N/A	<u>2.20</u>
Mean		<u>8.15</u>	<u>8.2</u>	<u>6.41</u>	<u>74.7</u>	<u>0.08</u>	<u>2.24</u>
Water Color	<u>Clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print): Suzanne Goode / Mark Abramson Signature: [Signature]

07-25-12

Entered MA, ET

08-10-12

Ocean Dewatering Day 3

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOA INF	15:15	8.21	10.2	9.37	78.6	0.09	23.7
Rep 2		8.21	10.2	9.27	78.5	N/A	22.4
Rep 3		8.21	10.3	9.24	78.5	N/A	25.6
Mean		8.21	10.2	9.29	78.5	0.09	23.9
Water Color	<sup>Brown</sup> cloudy	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOA FEF	15:35	7.98	10.0	5.34	77.6	0.07	1.49
Rep 2		7.99	10.1	5.28	77.6	N/A	1.47
Rep 3		8.00	10.1	5.29	77.5	N/A	1.46
Mean		7.99	10.1	5.30	77.6	0.07	1.47
Water Color	clear	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print):

Suzanne Goode / mark Abramson

Signature:

Suzanne Goode / [Signature]

Date: 7/25/12 Project Name: Maleku Lagoon

Sampler Name(s): N. CHANG, J. KINE 71231a DU 10:0 Dewatering Day 4

Calibration pH <u>7 &amp; 10</u> <u>→ 7123 DU</u>	(Yes) or no	Conductivity	1 mS or 10 mS	Lot # <u>12E 100587</u>	Exp date: <u>2/2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C25 1211</u>	Exp date: <u>08/13/03-05-12</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A-2 187A</u>	Exp date: <u>07-2014</u>

calibrated by (Print): N. Chang & J. Kine Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MODA-WF</u>	<u>12:05</u>	<u>7.77</u>	<u>14.4</u>	<u>7.91</u>	<u>72.1</u>	<u>0.03</u>	<u>28.6</u>
Rep 2	<u>12:08</u>	<u>7.80</u>	<u>14.4</u>	<u>7.85</u>	<u>72.0</u>	N/A	<u>26.1</u>
Rep 3	<u>12:10</u>	<u>7.80</u>	<u>14.4</u>	<u>7.86</u>	<u>72.0</u>	N/A	<u>25.1</u>
Mean	<u>12.11</u>	<u>7.79</u>	<u>14.4</u>	<u>7.87</u>	<u>72.0</u>	<u>0.03</u>	<u>26.6</u>
Water Color	<u>cloudy (brown)</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>Myp 1-775</u>	<u>13:00</u>	<u>7.89</u>	<u>13.8</u>	<u>4.86</u>	<u>72.3</u>	<u>0.04</u>	<u>0.86</u>
Rep 2	<u>13:15</u>	<u>7.90</u>	<u>13.8</u>	<u>4.86</u>	<u>72.2</u>	N/A	<u>0.81</u>
Rep 3	<u>13:24</u>	<u>7.91</u>	<u>13.9</u>	<u>4.88</u>	<u>72.2</u>	N/A	<u>1.12</u>
Mean	<u>13.1</u>	<u>7.90</u>	<u>13.9</u>	<u>4.87</u>	<u>72.2</u>	<u>0.04</u>	<u>0.93</u>
Water Color	<u>Ø</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print): J. Kine, N. Chang Signature: [Signature]

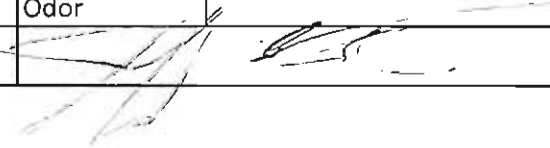
Need more gloves + swabs

\* clean turbidity part?

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOCA INF	18:50	7.80	13.9	8.11	74.1	0.06	21.4
Rep 2	18:55	7.84	13.9	8.22	74.1	N/A	22.0
Rep 3	19:00	7.84	13.9	8.23	74.1	N/A	22.3
Mean		7.83	13.9	8.19	74.1	0.06	21.9
Water Color	Green Cloudy	Debris	9/11/71	Oily sheen	NO	Odor	NO

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOCA INF	17:15	7.84	14.0	5.68	74.0	0.07	1.48
Rep 2	17:20	7.84	14.0	5.40	74.0	N/A	1.56
Rep 3	17:25	7.85	14.1	5.64	74.0	N/A	1.53
Mean		7.84	14.0	5.57	74.0	0.07	1.52
Water Color	Clear	Debris	0	Oily sheen	0	Odor	0

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Jamie King, Nicole Choy Signature: 

Entered by MA, ST 08-10-12

16 days of PH left

Entered by MA, ET 8-10-12

Date 07-27-2012 Project Name Lagoon Rewatering Day 5

Sampler Name(s) Mark Abramson & Tim Mabry

Calibration pH <u>7 &amp; 10</u>	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or 10 mS	Lot # <u>12E 100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>08-2013</u> <sup>Batch</sup> <u>03-65-12</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.64</u>	Lot # <u>A2187A</u>	Exp date: <u>07-2014</u>

calibrated by (Print): Mark Abramson

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MOBA INF</u>	<u>10:10</u>	<u>7.57</u>	<u>14.5</u>	<u>7.05</u>	<u>70.0</u>	<u>0.03</u>	<u>53.6</u>
Rep 2		<u>7.58</u>	<u>14.6</u>	<u>7.06</u>	<u>70.1</u>	<u>N/A</u>	<u>51.0</u>
Rep 3		<u>7.58</u>	<u>14.5</u>	<u>7.09</u>	<u>70.1</u>	<u>N/A</u>	<u>53.0</u>
Mean		<u>7.58</u>	<u>14.5</u>	<u>7.07</u>	<u>70.1</u>	<u>0.03</u>	<u>52.53</u>
Water Color	<u>Brown cloudy</u>	Debris	<u>None</u>	Oily sheen	<u>None</u>	Odor	<u>None</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MO01-EF</u>	<u>10:35</u>	<u>7.87</u>	<u>13.1</u>	<u>6.46</u>	<u>70.7</u>	<u>0.09</u>	<u>0.84</u>
Rep 2		<u>7.88</u>	<u>13.1</u>	<u>6.43</u>	<u>70.7</u>	<u>N/A</u>	<u>0.87</u>
Rep 3		<u>7.88</u>	<u>13.1</u>	<u>6.45</u>	<u>70.7</u>	<u>N/A</u>	<u>0.78</u>
Mean		<u>7.88</u>	<u>13.1</u>	<u>6.45</u>	<u>70.7</u>	<u>0.09</u>	<u>0.83</u>
Water Color	<u>clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print):	<u>MARK ABRAMSON</u>	Signature:	
	<u>TIM MABRY</u>		

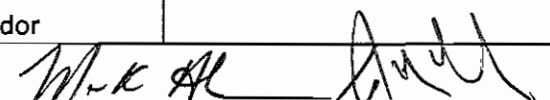
07-27-2012

Entered MA, ET 8-10-12

Pg 2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQDA - INF	15:15	7.59	13.9	8.86	76.6	0.05	26.0
Rep 2		7.57	14.0	8.72	76.6	N/A	25.7
Rep 3		7.57	14.0	8.76	76.6	N/A	26.4
Mean		7.57	14.0	8.78	76.6	0.05	26.0
Water Color	Brown cloudy	Debris	None	Oily sheen	none	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQD1 - EF	15:35	7.58	14.1	6.30	74.3	0.06	0.69
Rep 2		7.59	14.1	6.28	74.3	N/A	0.66
Rep 3		7.60	14.2	6.29	74.4	N/A	0.63
Mean		7.59	14.1	6.29	74.3	0.06	0.66
Water Color	Clear	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print):	Mark Abramson / John Luker			Signature:			

Flow 200 gpm

Flow 800 gpm

Entered by MA, ET 08--

Date

7/30/12

Project Name

Malibu Lagoon

Sampler Name(s)

J. King

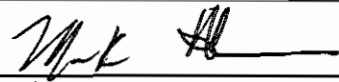
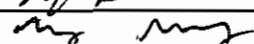
Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or 10 mS	Lot # 12E 100587	Exp date: 12/2013
		Turbidity	1 NTU or 10 NTU	Lot # C751211	Exp date: 8/2013 <sup>Batch</sup> 03/05/12
Res. Chlorine Verification 0.00	std 1: 0.22	std 2: 0.90	std 3: 1.64	Lot # A2187A	Exp date: 07-2014

calibrated by (Print): J. King

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - INF	14:45	7.72	15.7	9.06	75.7	0.07	23.2
Rep 2		7.70	15.8	8.96	75.8	N/A	22.8
Rep 3		7.71	15.8	8.97	75.9	N/A	22.7
Mean		7.71	15.8	9.00	75.8	0.07	22.9
Water Color	Brown cloudy	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ 1 - EF	15:00	7.62	16.0	5.72	75.2	0.06	0.93
Rep 2		7.59	16.1	5.70	75.2	N/A	0.94
Rep 3		7.63	16.1	5.73	75.1	N/A	0.95
Mean		7.61	16.1	5.72	75.2	0.06	0.94
Water Color	Clear	Debris	None	Oily sheen	None	Odor	None

Samplers name (Print):	Max Abramson	Signature:	
	Tim Mabry		

07-30-12


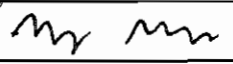
Entered by MAJET 08-10-12

Malibu Lagoon Dewatering Ocean

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOQA - IAF	15:45	7.63	15.7	9.08	76.1	0.04	27.2
Rep 2		7.63	15.8	8.98	76.2	N/A	27.2
Rep 3		7.63	15.8	8.98	76.3	N/A	27.7
Mean		7.63	15.8	9.01	76.2	0.04	27.4
Water Color	Brown Cloudy	Debris	None	Oily sheen	None	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOQ1 - EF	16:00	7.62	15.9	6.82	75.5	0.04	0.19
Rep 2		7.61	16.0	6.73	75.6	N/A	0.20
Rep 3		7.61	16.0	6.71	75.7	N/A	0.18
Mean		7.61	16.0	6.75	75.6	0.04	0.19
Water Color	Clear	Debris	None	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Mark Abramson / Tim Mabry Signature:  / 

Date

7/31/12

Project Name

Molokai Loop

pg 6 3

Sampler Name(s)

J Key IN. CHANG

Calibration pH 7 & 10	Yes or no	Conductivity	1 uS or 10 uS	Lot # 12E100587	Exp date: 12-2013
		Turbidity	1 NTU or 10 NTU	Lot # C251211	Exp date: 08-2013/3/5/1
Res. Chlorine Verification	std 1: 0.23	std 2: 0.91	std 3: 1.64	Lot # A2187A	Exp date: 07-2014

calibrated by (Print):

J Key / N. Chang

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOAINF	7:45	7.63	16.3	89.47 / 7.05	22.5°C / 72.3	0.02	17.5
Rep 2	7:48	7.64	16.3	88.76 / 6.99	72.6	N/A	16.4
Rep 3	7:51	7.64	16.3	88.67 / 6.96	72.6	N/A	18.6
Mean		7.64	16.3	7.01 mg/L	72.6	N/A 0.02	17.5
Water Color	Cloudy Brown	Debris	Small particulates	Oily sheen	Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOO LEFT	8:20	7.68	16.2	5.67 / 7.41	23.16°C / 73.7	0.03	0.39
Rep 2	8:22	7.67	16.2	5.72 / 7.41	73.7	N/A	0.34
Rep 3	8:25	7.67	16.1	5.73 / 7.51	73.7	N/A	0.37
Mean		7.67	16.2	5.70	73.7	0.03	0.37
Water Color	Clear	Debris	Ø	Oily sheen	Odor	Ø	

Samplers name (Print):

Jamie Key  
N. Chang

Signature:

Entered by MA. 21 08-10-12

Molokai Lagoon

7-31-12

pg 2 of 3

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOA INF	11:32 <del>11:15</del>	7.28	16.9	5.89	72.0	0.03	26.7
Rep 2		7.28	16.9	5.89	72.0	N/A	26.2
Rep 3		7.28	16.9	5.89	72.1	N/A	25.5
Mean		7.28	16.9	5.89	72.0	0.03	26.1
Water Color	brun cloudy	Debris $\emptyset$		Oily sheen $\emptyset$		Odor $\emptyset$	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOI EFF	11:15	7.62	16.3	6.12	73.3°	0.02	0.36
Rep 2	11:20	7.64	16.6	6.07	73.2°	N/A	0.37
Rep 3	11:20	7.64	16.6	6.09	73.2°	N/A	0.37
Mean		7.63	16.6	6.09	73.2°	0.02	0.37
Water Color	Clear	Debris $\emptyset$		Oily sheen $\emptyset$		Odor $\emptyset$	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Suzanne Booke NICK LIANK Signature: Suzanne Booke

Entered MA #ET 08/10/12

7/31/12

Molokai Lagoon

Entered MA, ET 08-10-12 page 3 of 3

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MDDA-WF	15:50	7.32	16.8	6.23	73.2	0.03	22.4
Rep 2	16:00	7.32	16.8	6.20	73.2	N/A	22.3
Rep 3	16:00	7.32	16.8	6.19	73.2	N/A	23.6
Mean		7.32	16.8	6.21	73.2	0.03	22.8
Water Color	Brown CLOUDY	Debris	Yes	Oily sheen		Odor	SULFUR

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MDDA EFF	15:30	7.45	16.8	4.79	73.1	0.03	0.36
Rep 2	15:30	7.44	16.8	4.80	73.1	N/A	0.33
Rep 3	15:30	7.44	16.8	4.77	73.1	N/A	0.33
Mean		7.44	16.8	4.79	73.1	0.03	0.34
Water Color	Clear	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print):	NICK HARRIS			NOA WHITE		Signature:	

Entered MA, ET 08-10-12

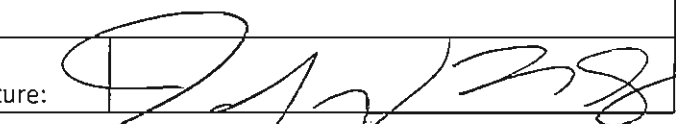
Date 8/1/12 Project Name Moleku Lagoon  
 Sampler Name(s) J. King Chlorine Lot # A2187A Exp. 7/14  
0.0, 0.23, 0.90, 1.64

Calibration pH 7 & 10	Yes or no	Conductivity	1 uS or 10 uS	Lot # <u>12E100587</u>	Exp date: <u>1/2/2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>C251211</u>	Exp date: <u>8/2013</u> <u>3/5/12</u>

calibrated by (Print): J. King Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M&amp;D A- INF</u>	<u>7:47</u>	<u>7.18</u>	<u>17.0</u>	<u>6.20</u>	<u>71.5</u>	<u>0.05</u>	<u>18.3</u>
Rep 2	<u>7:49</u>	<u>7.18</u>	<u>17.0</u>	<u>6.21</u>	<u>71.5</u>	N/A	<u>17.9</u>
Rep 3	<u>7:51</u>	<u>7.18</u>	<u>17.0</u>	<u>6.20</u>	<u>71.5</u>	N/A	<u>17.5</u>
Mean		<u>7.18</u>	<u>17.0</u>	<u>6.20</u>	<u>71.5</u>	N/A <u>0.05</u>	<u>17.9</u>
Water Color	<u>cloudy 1 ft. Bd.</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M&amp;D 1 - EFF.</u>	<u>8:11</u>	<u>7.39</u>	<u>17.0</u>	<u>6.11</u>	<u>72.4</u>	<u>0.02</u>	<u>1.15</u>
Rep 2	<u>8:13</u>	<u>7.39</u>	<u>17.0</u>	<u>6.10</u>	<u>72.4</u>	N/A	<u>0.45</u> <u>1.12</u>
Rep 3	<u>8:15</u>	<u>7.40</u>	<u>17.0</u>	<u>6.10</u>	<u>72.4</u>	N/A	<u>0.30</u> <u>1.18</u>
Mean		<u>7.39</u>	<u>17.0</u>	<u>6.10</u>	<u>72.4</u>	N/A <u>0.02</u>	<u>1.15</u>
Water Color	<u>clear</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print): J. King, N. Chaney Signature: 

Entered MA, ET 08-10-12

Date 8/2/2017 Project Name Malibu Lagoon

Sampler Name(s) S. King, E. Tuttle, T. Maybury

Calibration pH 7 & 10	<u>Yes</u> or no	Conductivity	1 uS or <u>10 uS</u>	Lot # <u>126100587</u>	Exp date: <u>12/13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>8/13</u> batch <u>3/5/12</u>

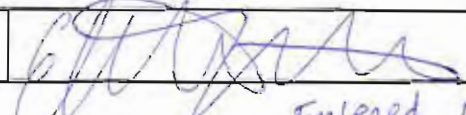
Res Chlorine verification calibrated by (Print): S. King std1: 0.00 std2: 0.23 Lot # 1.64 Exp date: 7/2014  
 Sign: E. Tuttle (see original)

✓ M&A1

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>EFF</u>	<u>10:48</u>	<u>7.39</u>	<u>17.0</u>	<u>3.84</u>	<u>73.2</u>	<u>0.03</u>	<u>1.32</u>
Rep 2		<u>7.40</u>	<u>17.1</u>	<u>3.83</u>	<u>73.2</u>	N/A	<u>1.31</u>
Rep 3		<u>7.40</u>	<u>17.1</u>	<u>3.85</u>	<u>73.2</u>	N/A	<u>1.44</u>
Mean		<u>7.40</u> 0	<u>17.1</u> 0	<u>3.84</u> 0	<u>73.2</u> 0	N/A <u>0.03</u>	<u>1.35</u> 0
Water Color	<u>clear</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

✓ M&A2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>INF</u>	<u>11:15</u>	<u>7.38</u>	<u>17.0</u>	<u>7.15</u>	<u>72.4</u>	<u>0.05</u>	<u>28.0</u>
Rep 2		<u>7.38</u>	<u>17.0</u>	<u>7.16</u>	<u>72.4</u>	N/A	<u>27.9</u>
Rep 3		<u>7.38</u>	<u>17.0</u>	<u>7.16</u>	<u>72.4</u>	N/A	<u>28.2</u>
Mean		<u>7.38</u> 0	<u>17.0</u> 0	<u>7.16</u> 0	<u>72.4</u> 0	N/A <u>0.05</u>	<u>28.0</u> 0
Water Color	<u>cloudy Brown</u>	Debris	<u>1 tiny twig</u>	Oily sheen	<u>Ø</u>	Odor	<u>like playdoh</u> <u>"cushion seat")" size</u>

Samplers name (Print): S. King E. Tuttle Signature: 

This is a copy. See original for signatures

Date

8/2/2012

Project Name

Malibu Lagoon <sup>2/3</sup>

Sampler Name(s)

E. Tuttle, I. Bernstein

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 uS or <input checked="" type="radio"/> 10 uS	Lot #	12C-100587	Exp date:	12/13
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot #	C251211	Exp date:	8/13 <sup>Batch 2/5/12</sup>

calibrated by (Print):

r

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M001-EFF	13:48	7.35	17.0	5.35	74.5	0.04	0.32
Rep 2		7.35	17.0	5.34	74.6	N/A	0.28
Rep 3		7.37	17.1	5.40	74.6	N/A	0.26
Mean		7.36 <sub>0</sub>	17.0 <sub>0</sub>	5.36 <sub>0</sub>	74.6 <sub>0</sub>	N/A 0.04	0.29 <sub>0</sub>
Water Color	clear	Debris	☒	Oily sheen	☒	Odor	☒

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M004-INE	14:23	7.31	16.8	6.85	74.2	0.06	20.7
Rep 2		7.31	17.1	6.87	74.4	N/A	21.5
Rep 3		7.32	17.1	6.98	74.4	N/A	21.6
Mean		7.31 <sub>0</sub>	17.0 <sub>0</sub>	6.90 <sub>0</sub>	74.3 <sub>0</sub>	N/A 0.06	21.3 <sub>0</sub>
Water Color	cloudy white/gray	Debris	☒	Oily sheen	☒	Odor	Chemical (not just Chlorine)

Samplers name (Print):

Ellena Tuttle, Ian Bernstein

Signature:



Entered by MA, ET 08-10-12

This is a copy. See original for signatures

Date

8/2/2012

Project Name

Malibu Lagoon

3/3

Sampler Name(s)

Noa Rische

Calibration pH 7 & 10	Yes or <input checked="" type="radio"/> no	Conductivity	1 uS or 10 uS	Lot #	Exp date:
D.O. meter was off. recalibrated using Salinity 17.0 ppt		Turbidity	1 NTU or 10 NTU	Lot #	Exp date:

calibrated by (Print):

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M&A-EFF	18:30	7.35	17.0	5.75	72.8	0.03	0.32
Rep 2		7.36	17.1	5.76	72.8	N/A	0.37
Rep 3		7.35	17.1	5.78	72.8	N/A	0.37
Mean		7.35	17.1	5.76	72.8	N/A 0.03	0.35
Water Color	clear	Debris	☒	Oily sheen	☒	Odor	☒

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M&A-INF	18:30	7.39	17.1	8.39	72.4	0.02	24.5
Rep 2		7.39	17.1	8.42	72.4	N/A	24.8
Rep 3		7.39	17.1	8.38	72.4	N/A	24.3
Mean		7.39	17.1	8.40	72.4	N/A 0.02	24.5
Water Color	Brown/yellow	Debris	lots of small particles	Oily sheen	☒	Odor	sulfur

Samplers name (Print):	Noa Rische	Signature:	
------------------------	------------	------------	---

This is a copy - see original for signatures

Date 08-03-2012 Project Name MALIBU Lagoon Ocean discharge

Sampler Name(s) MARK Abramson / Suzanne Goode

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or (10 mS)	Lot # 12E 100587	Exp date: 12/2013
		Turbidity	1 NTU or (10 NTU)	Lot # C251211 <sup>Batch</sup> 3-5-12	Exp date: 8/2013
Res. Chlorine Verification	std 1: 0.24	std 2: 0.90	std 3: 1.63	Lot # A2187A	Exp date: July 2014

calibrated by (Print): Suzanne Goode / Mark Abramson Sign: Suzanne Goode D.O = 0.01

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M00A-INT	14:00	<del>7.51</del> 7.51	16.0	9.03	73.8	0.05	12.7
Rep 2		7.52	16.1	9.02	73.9	N/A	13.3
Rep 3		7.52	16.2	9.02	73.9	N/A	12.5
Mean		7.52	16.1	9.02	73.9	0.05	12.8
Water Color	Brown	Debris	<del>none</del> Bug	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M001-EF	14:15	7.53	16.2	6.13	74.8	0.05	0.34
Rep 2		7.54	16.2	6.11	74.8	N/A	0.32
Rep 3		7.54	16.2	6.13	74.8	N/A 0.05	0.29
Mean		7.54	16.2	6.12	74.8	0.05	0.32
Water Color	Clear	Debris	none	Oily sheen	none	Odor	none

Samplers name (Print): MARK Abramson / Suzanne Goode Signature: [Signature] Suzanne Goode

Entered MA 4 ET 08-10-12

08-03-2012

Lagoon Ocean Discharge

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ MQQA - INF	15:00	7.50	16.2	9.04	74.4	0.08	13.2
Rep 2		7.50	16.2	9.05	74.4	N/A	13.2
Rep 3		7.50	16.2	9.06	74.4	N/A	13.2
Mean		7.50	16.2	9.05	74.4	0.08	13.2
Water Color	Brown	Debris	no Bugs	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
/ MQ01 - EF	15:15	7.50	16.2	5.65	74.9	0.06	.32
Rep 2		7.50	16.2	5.64	74.9	N/A	.34
Rep 3		7.50	16.2	5.63	74.9	N/A	.30
Mean		7.50	16.2	5.64	74.9	0.06	0.32
Water Color	Clear	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Mark Abramson / Suzanne Goede Signature: *Mark Abramson* *Suzanne Goede*

Entered MAQ ET 08-10-12

MEMbrane changed D.O. meter

Flow 500 gpm

Date 08-06-12

Project Name Lagoon Ocean dewatering discharge

Sampler Name(s) Mark Abramson

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot # 12E 100587	Exp date: 12/2013
		Turbidity	1 NTU or 10 NTU	Lot # C251211 Batch 3-5-12	Exp date: 08/2013
Res. Chlorine Verification	std 1: 0.23	std 2: 0.91	std 3: 1.64	Lot # A2187A	Exp date: July 2014

calibrated by (Print): Mark Abramson / Tim Mabry Sign: *[Signature]*

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&QA - INF	14:30	7.66	13.8	9.06	74.8	0.08	19.1
Rep 2		7.66	13.8	9.04	74.9	N/A	18.7
Rep 3		7.66	13.8	9.08	74.9	N/A	18.5
Mean		7.66	13.8	9.06	74.9	0.08	18.78
Water Color	Brown Cloudy	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&Q1 - EF	14:50	7.68	14.1	5.60	75.4	0.04	0.30
Rep 2		7.68	14.1	5.57	75.5	N/A	0.29
Rep 3		7.68	14.1	5.57	75.5	N/A	0.30
Mean		7.68	14.1	5.58	75.5	0.04	0.30
Water Color	Clear	Debris	None	Oily sheen	none	Odor	none

Samplers name (Print): Mark Abramson Signature: *[Signature]*  
 Suzanne Goode

Entered MA, ET 08-10-12

08-06-12

Flow = 600 g/s

Lagoon Ocean discharge

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M00A-INF	15:40	7.64	13.8	8.93	74.0	0.10	17.2
Rep 2		7.64	13.9	8.93	74.0	N/A	17.6
Rep 3		7.63	13.9	8.89	74.0°	N/A	17.5
Mean		7.64	13.9	8.92	74.0°	0.10	17.43
Water Color	Brown cloudy	Debris	2 bugs	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M001-EF	15:50	7.64	13.9	5.62	74.7°	0.04	0.45 17.2
Rep 2		7.64	13.9	5.57	74.7°	N/A	17.6 <sup>0.48</sup>
Rep 3		7.64	13.9	5.59	74.7°	N/A	17.5 <sup>0.51</sup>
Mean		7.64	13.9	5.59	74.7	0.04	0.48
Water Color	Clear	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Mark Abramson Suzanne Goode Signature: Suzanne Goode / Mark

DO test = 0.01 mg/L

Entered MAJET 08-10-12

flow = 540 gpm

Date 08-07-12

Project Name Lagoon dewatering/ocean discharge

Sampler Name(s) Suzanne Goode

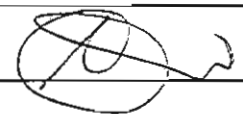
Calibration pH 7 & 10	Yes <input checked="" type="radio"/> or no	Conductivity	1 mS or 10 mS	Lot # <u>12 E 100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>C 251211</u> <sup>Back</sup> <u>3-5-12</u>	Exp date: <u>08/2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A 2154</u>	Exp date: <u>07/2014</u>

calibrated by (Print): Suzanne Goode

Sign: Suzanne Goode

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M004 - INF</u>	<u>1545</u>	<u>7.48</u>	<u>13.6</u>	<u>10.40</u>	<u>77.0</u>	<u>0.08</u>	<u>21.3</u>
Rep 2		<u>7.40</u>	<u>13.6</u>	<u>10.32</u>	<u>77.0</u>	N/A	<u>23.3</u>
Rep 3		<u>7.48</u>	<u>13.6</u>	<u>10.38</u>	<u>77.0</u>	N/A	<u>23.6</u>
Mean		<u>7.48</u>	<u>13.6</u>	<u>10.36</u>	<u>77.0</u>	<u>0.08</u>	<u>68.2</u> <sup>3</sup>
Water Color	<u>very cloudy brownish</u>	<u>Debris</u>	<u>Oily sheen</u>	<u>Debris</u>	<u>Odor</u>	<u>Debris</u>	<u>22.7</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001 - EFF</u>	<u>1600</u>	<u>7.25</u>	<u>13.7</u>	<u>4.96</u>	<u>77.2</u>	<u>0.03</u>	<u>0.46</u>
Rep 2		<u>7.25</u>	<u>13.7</u>	<u>4.97</u>	<u>77.2</u>	N/A	<u>0.49</u>
Rep 3		<u>7.25</u>	<u>13.7</u>	<u>4.98</u>	<u>77.7</u>	N/A	<u>0.50</u>
Mean		<u>7.25</u>	<u>13.7</u>	<u>4.97</u>	<u>77.2</u>	<u>0.03</u>	<u>0.48</u>
Water Color	<u>clear</u>	<u>Debris</u>	<u>Oily sheen</u>	<u>Debris</u>	<u>Odor</u>	<u>Debris</u>	

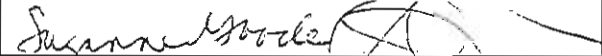
Samplers name (Print):	<u>Suzanne Goode Noa Riske</u>	Signature:	<u>Suzanne Goode</u> 
------------------------	--------------------------------	------------	--

Entered MA, ET 08-10-12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
✓ M00A-1WF	1640	7.48	13.7	11.39	76.9	0.05	18.9
Rep 2		7.48	13.7	11.36	76.9	N/A	19.1
Rep 3		7.48	13.7	11.34	76.9	N/A	19.0
Mean		7.48	13.7	11.34	76.9	0.05	19.0
Water Color	Cloudy Brown	Debris	⊗	Oily sheen	⊗	Odor	Slightly Funky

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M001-EFF	16:55	7.29	13.7	5.66	77.0	0.03	0.29
Rep 2		7.29	13.7	5.65	77.0	N/A	0.29
Rep 3		7.29	13.7	5.63	77.0	N/A	0.31
Mean		7.29	13.7	5.65	77.0	0.03	0.30
Water Color	Clear	Debris	⊗	Oily sheen	⊗	Odor	⊗

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Suzanne Goode Naa Rische Signature: 

Entered by ma, ET 08-10-12

Date 08-08-2012 Project Name Lagoon Ocean Discharge

Sampler Name(s) MARK ABRAMSON

Calibration pH 7 & 10	<u>Yes</u> or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E 100567</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C2512 II</u> <sup>SARH</sup> <sub>3-5-12</sub>	Exp date: <u>08-2013</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07-2014</u>

calibrated by (Print): NICK CHANG / MARK ABRAMSON

Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQA-INF</u>	<u>8:30</u>	<u>7.56</u>	<u>13.7</u>	<u>7.98</u>	<u>73.6</u>	<u>0.09</u>	<u>10.69</u>
Rep 2		<u>7.59</u>	<u>13.7</u>	<u>8.02</u>	<u>73.6</u>	N/A	<u>11.0</u>
Rep 3		<u>7.59</u>	<u>13.7</u>	<u>8.02</u>	<u>73.6</u>	N/A	<u>10.70</u>
Mean		<u>7.58</u>	<u>13.7</u>	<u>8.00</u>	<u>73.6</u>	<u>0.09</u>	<u>10.80</u>
Water Color	<u>[scribble]</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQR1-EF</u>	<u>8:50</u>	<u>7.48</u>	<u>13.8</u>	<u>7.55</u>	<u>74.8</u>	<u>0.03</u>	<u>0.65</u>
Rep 2		<u>7.47</u>	<u>13.7</u>	<u>7.53</u>	<u>74.8</u>	N/A	<u>0.79</u>
Rep 3		<u>7.50</u>	<u>13.6</u>	<u>7.53</u>	<u>74.7</u>	N/A	<u>0.68</u>
Mean		<u>7.48</u>	<u>13.7</u>	<u>7.54</u>	<u>74.8</u>	<u>0.03</u>	<u>0.70</u>
Water Color	<u>clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print): NICK CHANG / MARK ABRAMSON Signature: [Signature]

Entered by MAFET, 8-10-12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA-1NF	14:00	7.72	13.7	9.40	75.7	0.06	15.2
Rep 2	14:05	7.72	13.7	9.33	75.8	N/A	16.0
Rep 3	14:05	7.67	13.7	9.33	75.8	N/A	16.5
Mean		7.70	13.7	9.35	75.8	0.06	15.9
Water Color	amber	Debris	50506000 2405	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA-1EF	14:20	7.51	13.8	3.47	76.4	0.04	0.61
Rep 2		7.50	13.7	3.44	76.4	N/A	0.64
Rep 3		7.49	13.7	3.41	76.4	N/A	0.55
Mean		7.50	13.7	3.44	76.4	0.04	0.60
Water Color	Clear	Debris	none	Oily sheen	None	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print):	Tim Mebry / Nick Chang MACK ABRAMSON			Signature:	NC / TM [Signature]		

Entered by MA, ET 08-10-12

Date 08-09-12 Project Name Lagoon Ocean Discharge

Sampler Name(s) MARK Abramson / IVAN Medel

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E 100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>C251211</u> <sup>ASCPH</sup> <u>3-5-12</u>	Exp date: <u>08-2013</u>
Res. Chlorine Verification	std 1: <u>0.13</u>	std 2: <u>0.91</u>	std 3: <u>1.64</u>	Lot # <u>A2187A</u>	Exp date: <u>07-2014</u>

calibrated by (Print): MARK Abramson / IVAN Medel Sign: M.A. / I. Medel

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A - INF</u>	<u>09:30</u>	<u>8.036</u>	<u>13.9</u>	<u>9.86</u>	<u>75.2</u>	<u>0.03</u>	<u>22.6</u>
Rep 2		<u>8.07</u>	<u>13.9</u>	<u>9.86</u>	<u>75.2</u>	N/A	<u>23.5</u>
Rep 3		<u>8.07</u>	<u>13.9</u>	<u>9.87</u>	<u>75.2</u>	N/A	<u>24.3</u>
Mean		<u>8.07</u>	<u>13.9</u>	<u>9.86</u>	<u>75.2</u>	<u>0.03</u>	<u>23.5</u>
Water Color	<u>Brown cloudy</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>


Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001 - EF</u>	<u>09:50</u>	<u>7.92</u>	<u>13.9</u>	<u>5.69</u>	<u>76.5</u>	<u>0.03</u>	<u>1.46</u>
Rep 2		<u>7.94</u>	<u>13.9</u>	<u>5.63</u>	<u>76.4</u>	N/A	<u>1.46</u>
Rep 3		<u>7.94</u>	<u>13.9</u>	<u>5.60</u>	<u>76.3</u>	N/A	<u>1.54</u>
Mean		<u>7.93</u>	<u>13.9</u>	<u>5.64</u>	<u>76.4</u>	<u>0.03</u>	<u>1.49</u>
Water Color	<u>Clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print): MARK Abramson / IVAN MEDEL Signature: M.A. / I. Medel

Entered by MA + ET, 8/10/12

08-09-12

Lagoon Ocean Discharge

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&A-INF	15:00	8.14	13.8	10.55	77.7	0.03	17.4
Rep 2		8.14	13.9	10.49	77.6	N/A	17.5
Rep 3		8.17	13.9	10.48	77.6	N/A	17.6
Mean		8.15	13.9	10.51	77.6	0.03	17.6
Water Color	Brown Cloudy	Debris	none	Oily sheen	none	Odor	none
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M&A-EF	15:30	7.81	13.9	5.47	77.5	0.03	1.01
Rep 2		7.83	14.0	5.50	77.5	N/A	1.07
Rep 3		7.83	13.9	5.50	77.4	N/A	1.10
Mean		7.82	13.9	5.49	77.5	0.03	1.09
Water Color	clear	Debris	none	Oily sheen	none	Odor	none
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print):	Mark Abramson / Ivan Medel			Signature:			

Entered by MA + ET 8-10-12

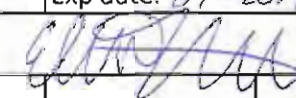
Date 08-10-12 Project Name MALIBU Lagoon Ocean Discharge

Sampler Name(s) Suzanne Goode, Elena Tuttle

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or 10 mS	Lot # <u>12E 100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>C251211</u> <sup>Batch</sup> <u>03-05-12</u>	Exp date: <u>08-2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.64</u>	Lot # <u>A2187A</u>	Exp date: <u>07-2014</u>

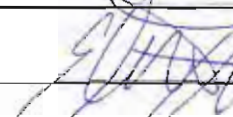
calibrated by (Print): MAX ABRANSON, Elena Tuttle

Sign: Suzanne Goode



Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MBSA - INF</u>	<u>11:27</u>	<u>7.79</u>	<u>13.4</u>	<u>8.08</u>	<u>75.0</u>	<u>0.05</u>	<u>20.7</u>
Rep 2		<u>7.79</u>	<u>13.8</u>	<u>8.12</u>	<u>74.8</u>	N/A	<u>20.6</u>
Rep 3		<u>7.80</u>	<u>13.7</u>	<u>8.03</u>	<u>74.9</u>	N/A	<u>21.7</u>
Mean		<u>7.79</u>	<u>13.63</u>	<u>8.08</u>	<u>74.9</u>		<u>21.0</u>
Water Color	<u>Brown/Cloudy</u>	Debris	<u>Inverts</u>	Oily sheen	<u>None</u>	Odor	<u>None</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MBSA - EF</u>	<u>11:36</u>	<u>7.62</u>	<u>13.8</u>	<u>2.42</u>	<u>75.7</u>	<u>0.02</u>	<u>0.45</u>
Rep 2		<u>7.62</u>	<u>13.8</u>	<u>2.39</u>	<u>75.7</u>	N/A	<u>0.46</u>
Rep 3		<u>7.61</u>	<u>13.8</u>	<u>2.43</u>	<u>75.7</u>	N/A	<u>0.46</u>
Mean		<u>7.62</u>	<u>13.8</u>	<u>2.41</u>	<u>75.7</u>		<u>0.46</u>
Water Color	<u>Clear</u>	Debris	<u>None</u>	Oily sheen	<u>None</u>	Odor	<u>None</u>

Samplers name (Print): Suzanne Goode, Elena Tuttle Signature: 

Entered 9/8/12

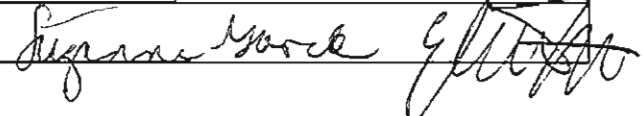
08-10-12

Page 2 of 2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MCOA-INF	15:03	7.96	13.4	11.51	75.9	0.05	17.5
Rep 2		7.97	13.8	11.60	76.7	N/A	18.0
Rep 3		7.97	13.7	11.39	76.7	N/A	17.7
Mean		7.97	13.63	11.50	76.43	0.05	17.73
Water Color	brown / cloudy	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MCO1-EFF	15:15	7.64	13.8	3.32	76.9	0.03	0.47
Rep 2		7.64	13.8	3.40	76.8	N/A	0.50
Rep 3		7.65	13.7	3.39	76.9	N/A	0.53
Mean		7.64	13.8	3.37	76.87	0.03	0.50
Water Color	clear	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Elena Tuttle Suzanne Croche Signature: Suzanne March 

Date

08/13/12

Project Name

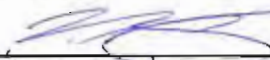
MALIBU LAGOON OCEAN QUALITY CHALLENGE

Sampler Name(s) NICK I, SUZANNE G, TIM M.

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot # 12E 100587	Exp date: 12-2013
		Turbidity	1 NTU or 10 NTU	Lot # 1.251211	Exp date: 08-2013
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot # A2187A	Exp date: 07-2014

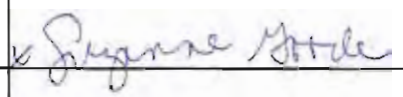
calibrated by (Print): NICK I, SUZANNE G, TIM M.

Sign:

Suzanne Coode  


Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA4 - INF	9:55	7.79	14.1	6.72	76.6	0.11	44.3
Rep 2		7.80	14.1	6.74	76.7	N/A	40.8
Rep 3		7.80	14.2	6.77	76.7	N/A	41.1
Mean		7.80	14.2	6.74	76.7	0.11	42.06
Water Color	Brown	Debris	None	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA1 - EF	10:30	7.93	14.1	3.18	75.2	0.06	0.68
Rep 2		7.94	14.2	3.19	75.2	N/A	0.55
Rep 3		7.93	14.2	3.20	75.2	N/A	0.69
Mean		7.93	14.2	3.19	75.2	0.06	0.64
Water Color	Clear	Debris	None	Oily sheen	none	Odor	none

Samplers name (Print):	Suzanne Coode	Signature:	
------------------------	---------------	------------	---

Ocean  
Lagoon Discharge

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M00A-INF	15:50	8.15	12.7	11.11	82.1°	0.06	20.8
Rep 2		8.15	12.7	11.10	82.0°	N/A	20.5
Rep 3		8.15	12.7	11.12	82.0°	N/A	20.6
Mean		8.15	12.7	11.11	82.0°	0.06	20.6
Water Color	Brown	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M001-EF	16:10	7.75	13.0	2.75	81.2	0.03	0.75
Rep 2		7.75	13.0	2.77	81.2	N/A	0.75
Rep 3		7.75	13.0	2.76	81.2	N/A	0.80
Mean		7.75	13.0	2.76	81.2	0.03	0.77
Water Color	Clear	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Mark Abramson / Suzanne Goode  
 Signature: *[Handwritten Signatures]*  
 Flow 200 GPM

Date

8/14/2012

Project Name

Malibu Lagoon Ocean Discharge <sup>42</sup>

Sampler Name(s)

Ivan Medel, Michael Ray

Calibration pH 7 & 10	Yes <input checked="" type="checkbox"/> or no <input type="checkbox"/>	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot # 1ZE 100587	Exp date: 12/2013
		Turbidity	1 NTU or <input checked="" type="checkbox"/> 10 NTU	Lot # C2S1211	Exp date: 8/2013
Res. Chlorine Verification	std 10.23	std 20.91	std 3: 1.64	Lot # A2187A	Exp date: 6-7/2014

calibrated by (Print):

Michael Ray Ivan Medel

Sign:

M Ray, I. Medel

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	8:30	7.825	13.3	7.48	75.8	.04	10.84 <sup>10-17</sup>
Rep 2	8:40	7.83	13.3	7.45	75.8	N/A	11.0 <sup>10-15</sup>
Rep 3	8:50	7.85	13.4	7.45	75.8	N/A	10.27
Mean		7.84	13.4	7.46	75.8		10.19
Water Color	light brown	Debris	No	Oily sheen	No	Odor	No

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ1-EF	9:00	7.69	13.3	<del>4.06</del>	76.4	.03	.47
Rep 2	9:10	7.72	13.3	4.05	76.3	N/A	.47
Rep 3	9:20	7.72	13.3	4.05	76.4	N/A	.43
Mean		7.71	13.3	4.05	76.3		0.46
Water Color	clear	Debris	no	Oily sheen	no	Odor	no

Samplers name (Print):

Michael Ray, Ivan Medel

Signature:

M Ray, I. Medel

8/14/12

NICK CHANG, MICHAEL RAY

212

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-1NP	13:50	7.89	13.2	10.35	77.2	0.05	13.4
Rep 2	13:50	7.92	13.3	10.3	77.2	N/A	12.8
Rep 3	13:55	7.92	13.3	10.3	77.2	N/A	13.8
Mean		7.91	13.3	10.3	77.2	0.05	13.3
Water Color	TSN	Debris	SOIL PARTICLES	Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ1-EX	14:06	7.77	7.2 13.3	5.84	77.3	0.06	0.82
Rep 2		7.8	13.3	5.83	77.3	N/A	0.66
Rep 3		7.8	13.3	5.84	77.3	N/A	0.78
Mean		7.8	13.3	5.84	77.3		0.75
Water Color	Clear	Debris	Small ksm No ksm	Oily sheen	No	Odor	No

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Michael Ray *3 Key for Nick Chang* Signature: *M Ray 3 Key for W. Chy*

Date 8/15/12 Project Name Malibu Lagoon Ocean Discharge

Sampler Name(s) Suzanne Goode, John Lutter

Calibration pH 7 & 10	<u>Yes</u> or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12 E 100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C2S1211</u>	Exp date: <u>8/2013</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A 2187 A</u>	Exp date: <u>7/2014</u>

calibrated by (Print): Suzanne Goode, John Lutter Sign: Suzanne Goode

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A1NF</u>	<u>1450</u>	<u>8.07</u>	<u>12.8</u>	<u>10.43</u>	<u>78.5</u>	<u>0.05</u>	<u>7.22</u>
Rep 2		<u>8.07</u>	<u>12.8</u>	<u>10.46</u>	<u>78.5</u>	N/A	<u>7.27</u>
Rep 3		<u>8.07</u>	<u>12.8</u>	<u>10.47</u>	<u>78.5</u>	N/A	<u>7.12</u>
Mean		<u>8.07</u>	<u>12.8</u>	<u>10.46</u>	<u>78.5</u>		<u>7.20</u>
Water Color	<u>Cloudy</u>	Debris:	<u>∅</u>	Oily sheen	<u>∅</u>	Odor:	<u>∅</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>1510</u>	<u>7.80</u>	<u>13.5</u>	<u>5.99</u>	<u>77.5</u>	<u>0.00</u>	<u>1.28</u>
Rep 2		<u>7.82</u>	<u>13.5</u>	<u>5.96</u>	<u>77.5</u>	N/A	<u>1.31</u>
Rep 3		<u>7.82</u>	<u>13.5</u>	<u>6.0</u>	<u>77.5</u>	N/A	<u>1.32</u>
Mean		<u>7.81</u>	<u>13.5</u>	<u>5.98</u>	<u>77.5</u>		<u>1.30</u>
Water Color	<u>clear</u>	Debris:	<u>∅</u>	Oily sheen	<u>∅</u>	Odor:	<u>∅</u>

Samplers name (Print): Suzanne Goode, John Lutter Signature: Suzanne Goode, JLU

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOA INF	1345	8.07	13.5	11.3	77.8	0.20	6.70
Rep 2		8.08	13.5	10.9	77.8	N/A	6.71
Rep 3		8.08	13.5	11.08	77.8	N/A	6.71
Mean		8.07	13.5	11.09	77.8		6.70
Water Color	cloudy	Debris	∅	Oily sheen	∅	Odor	∅

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOOA EFF	1620	7.81	13.5	5.95	78.0	0.02	0.66
Rep 2		7.81	13.5	5.91	78.0	N/A	0.65
Rep 3		7.81	13.5	5.95	78.1	N/A	0.67
Mean		7.81	13.5	5.94	78.0		0.66
Water Color	clear	Debris	∅	Oily sheen	∅	Odor	∅

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Suzanne Goode, John Luker Signature: Suzanne Goode, John Luker

8/16/12  
NICK C., JOHN L.

2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	16:10	7.83	13.6	8.8	75.5	0.07	13.2
Rep 2		7.84	13.6	8.78	75.4	N/A	12.7
Rep 3		7.84	13.6	7.76	75.5	N/A	12.4
Mean		7.84	13.6	8.45	75.5	N/A	12.77
Water Color	VERY BRY	Debris	SOIL PARTICULATES	Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
ESC	16:30	7.74	13.6	5.45	76.3	0.04	0.43
Rep 2		7.75	13.6	5.45	76.4	N/A	0.33
Rep 3		7.75	13.6	5.46	76.4	N/A	0.31
Mean		7.75	13.6	5.45	76.4	N/A	0.36
Water Color	UGAR	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): NICK C., JOHN L. Signature: 

Date

8/16/12

Project Name

MALIBU (Agua) OCEAN RESERVE

Sampler Name(s)

Nick C. TM M.

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot #	12E 100587	Exp date:	12-2013
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot #	225121 <sup>BATCH</sup> 91512	Exp date:	08-2013
Res. Chlorine Verification	std 1: 0.23	std 2: 0.91	std 3: 1.63	Lot #	A2187	Exp date:	07-2014

calibrated by (Print):

Nick Chang 1

Sign:

Site ID	Time-24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MORA-FNF	14:40	7.85	13.6	9.96	75.4	0.08	<del>11.1</del> 11.1
Rep 2		7.86	13.6	9.88	75.4	N/A	10.7
Rep 3		7.86	13.6	9.91	75.4	N/A	10.9
Mean		7.86	13.6	9.92	75.4		10.9
Water Color	Brown Cloudy	Debris	PARTICULATES	Oily sheen		Odor:	

Site ID	Time-24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Ef1	15:00	7.68	13.7	4.42	76.7	0.06	0.99
Rep 2		7.68	13.7	4.45	76.6	N/A	0.95
Rep 3		7.68	13.7	4.40	76.6	N/A	0.96
Mean		7.68	13.7	4.42	76.6	0.06	0.97
Water Color	WASH	Debris		Oily sheen		Odor:	

Samplers name (Print):

NICK CHANG, TM M.

Signature:

Date 8/17/2012

Project Name Malibu Lagoon

Sampler Name(s) Tim Maybury Noa Risher

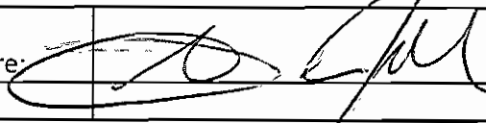
Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <input checked="" type="checkbox"/> 10 NTU	Lot # <u>L25121</u> <sup>Batch</sup> <u>3/5/12</u>	Exp date: <u>08-2013</u>
Res. Chlorine Verification	std 1: <u>.23</u>	std 2: <u>.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>7/2014</u>

calibrated by (Print):

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>INF</u>	<u>8:30</u>	<u>8.08</u>	<u>13.7</u>	<u>9.42</u>	<u>73.9</u>	<u>0.22</u> <sup>0.05</sup>	<u>6.77</u>
Rep 2		<u>8.08</u>	<u>13.7</u>	<u>9.41</u>	<u>73.9</u>	N/A	<u>6.90</u>
Rep 3		<u>8.08</u>	<u>13.7</u>	<u>9.43</u>	<u>73.9</u>	N/A	<u>7.08</u>
Mean		<u>8.08</u>	<u>13.7</u>	<u>9.42</u>	<u>73.9</u>		<u>6.92</u>
Water Color	<u>sl. dirty yellow</u> <u>1/2 cloudy</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>EF</u>	<u>9:00</u>	<u>7.86</u>	<u>13.7</u>	<u>4.80</u>	<u>74.2</u>	<u>0.03</u>	<u>1.57</u>
Rep 2		<u>7.86</u>	<u>13.7</u>	<u>4.79</u>	<u>74.2</u>	N/A	<u>1.59</u>
Rep 3		<u>7.86</u>	<u>13.7</u>	<u>4.82</u>	<u>74.2</u>	N/A	<u>1.52</u>
Mean		<u>7.86</u>	<u>13.7</u>	<u>4.80</u>	<u>74.2</u>		<u>1.56</u>
Water Color	<u>clear</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

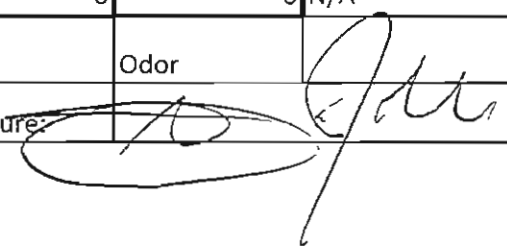
Samplers name (Print): Noa Risher & John Luker Signature: 

8/17/2012 2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	13:33	8.23	13.3	12.64	75.7	18.09	<del>7.28</del> 7.28
Rep 2		8.23	13.6	12.60	75.7	N/A	7.30
Rep 3		8.24	13.6	12.60	75.7	N/A	7.37
Mean		8.23	13.5	12.61	75.7		7.32
Water Color	lt yellow	Debris	A Few P-Lvs	Oily sheen	∅	Odor	∅

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	14:03	7.84	13.5	3.58	76.2		1.06
Rep 2		7.86	13.6	3.61	76.2	N/A	1.02
Rep 3		7.86	13.7	3.63	76.2	N/A	1.01
Mean		7.85	13.6	3.61	76.2		1.03
Water Color	clear	Debris	∅	Oily sheen	∅	Odor	∅

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Noa R:shel & John Luker Signature: 

Date 08/20/12Project Name MALIBU LAGOON OCEAN DISCHARGESampler Name(s) NICK C. TIM M.

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot # <u>12E 100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>C251211</u> <sup>BATCH</sup> <u>03-05-12</u>	Exp date: <u>09-2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.63</u>	Lot # <u>A210TA</u>	Exp date: <u>07-2014</u>

calibrated by (Print): NICK C. TIM M.Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-WF</u>	<u>8:30</u>	<u>7.49</u>	<u>13.6</u>	<u>9.29</u>	<u>74.8</u>	<u>0.02</u> <u>0.03</u>	<u>16.7</u>
Rep 2		<u>7.51</u>	<u>13.6</u>	<u>9.28</u>	<u>74.7</u>	N/A	<u>17.7</u>
Rep 3		<u>7.50</u>	<u>13.6</u>	<u>9.26</u>	<u>74.7</u>	N/A	<u>17.2</u>
Mean		<u>7.50</u>	<u>13.6</u>	<u>9.28</u>	<u>74.7</u>		<u>17.2</u>
Water Color	<u>light brown</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EE</u>	<u>9:00</u>	<u>7.36</u>	<u>13.6</u>	<u>3.85</u>	<u>75.4</u>	<u>0.06</u>	<u>1.16</u>
Rep 2		<u>7.38</u>	<u>13.6</u>	<u>3.81</u>	<u>75.4</u>	N/A	<u>1.36</u>
Rep 3		<u>7.35</u>	<u>13.6</u>	<u>3.84</u>	<u>75.3</u>	N/A	<u>1.13</u>
Mean		<u>7.36</u>	<u>13.6</u>	<u>3.83</u>	<u>75.4</u>		<u>1.22</u>
Water Color	<u>clear</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print):

NICK C. TIM M.

Signature:

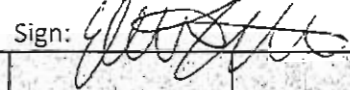
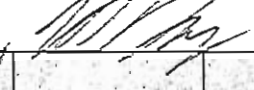


Date 08/21/12 Project Name MAIBU LAGOON DISCHARGE

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>1ZF 100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C251211</u> <sup>Batch</sup> <u>3/5/12</u>	Exp date: <u>8/2013</u>
Res. Chlorine Verification	std 1: <u>0.21</u>	std 2: <u>0.88</u>	std 3: <u>1.60</u>	Lot # <u>A2187A</u>	Exp date: <u>7/2014</u>

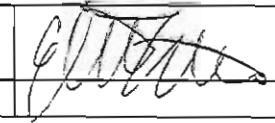
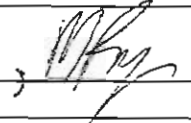
calibrated by (Print): Michael Ray, Elena Tuttle

Sign:  , 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>YQQA-INF</u>	<u>10:24</u>	<u>8.14</u>	<u>13.3</u>	<u>11.23</u>	<u>77.0</u>	<u>2.11*</u>	<u>17.8</u>
Rep 2	<u>—</u>	<u>10:27</u>	<u>8.14</u>	<u>13.4</u>	<u>11.34</u>	<u>N/A 0.11</u>	<u>18.0</u>
Rep 3	<u>—</u>	<u>8.15</u>	<u>13.5</u>	<u>11.18</u>	<u>76.8</u>	<u>N/A 0.11</u>	<u>17.1</u>
Mean	<u>—</u>	<u>8.14</u>	<u>13.4</u>	<u>11.25</u>	<u>76.9</u>		<u>17.63</u>
Water Color	<u>cloudy Brown/yellow</u>	Debris	<u>Not visible</u>	Oily sheen	<u>None</u>	Odor	<u>Yes, chemical / chlorine</u>

\* was very high so @AQ C'ed

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>10:42</u>	<u>7.73</u>	<u>13.5</u>	<u>3.53</u>	<u>77.3</u>	<u>0.02</u>	<u>0.84</u>
Rep 2	<u>—</u>	<u>7.73</u>	<u>13.6</u>	<u>3.51</u>	<u>77.3</u>	<u>N/A</u>	<u>0.80</u>
Rep 3	<u>—</u>	<u>7.74</u>	<u>13.5</u>	<u>3.56</u>	<u>77.3</u>	<u>N/A</u>	<u>0.82</u>
Mean	<u>—</u>	<u>7.73</u>	<u>13.5</u>	<u>3.53</u>	<u>77.3</u>		<u>0.82</u>
Water Color	<u>Clear</u>	Debris	<u>None</u>	Oily sheen	<u>None</u>	Odor	<u>None</u>

Samplers name (Print): Elena Tuttle, Michael Ray Signature:  , 

NOTE: resin beads on road inside the dewatering plant. Some on cobbles as well.

11

Sampled by: <i>J. King, N. Chang</i>				Date: <i>8/21/12</i>			
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<i>INFL.</i>	<i>14:02</i>	<i>8.29</i>	<i>13.5</i>	<i>12.79</i>	<i>78.0</i>	<i>0.11</i>	<i>14.2</i>
Rep 2		<i>8.29</i>	<i>13.5</i>	<i>12.82</i>	<i>78.0</i>	N/A	<i>13.6</i>
Rep 3		<i>8.29</i>	<i>13.5</i>	<i>12.73</i>	<i>78.0</i>	N/A	<i>13.2</i>
Mean		<i>8.29</i>	<i>13.5</i>	<i>12.78</i>	<i>78.0</i>	N/A	<i>13.67</i>
Water Color	Debris		Oily sheen		Odor	<i>Chlorine? chemical smell</i>	
<i>hazy - yellowish</i>							
<i>Need to check chlorine meter - clean(?)</i>							
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<i>EFF</i>	<i>14:30</i>	<i>7.87</i>	<i>13.5</i>	<i>4.93</i>	<i>78.7</i>	<i>0.07</i>	<i>0.98</i>
Rep 2		<i>7.87</i>	<i>13.5</i>	<i>4.91</i>	<i>78.7</i>	N/A	<i>0.85</i>
Rep 3		<i>7.88</i>	<i>13.5</i>	<i>4.91</i>	<i>78.7</i>	N/A	<i>0.98</i>
Mean		<i>7.87</i>	<i>13.5</i>	<i>4.92</i>	<i>78.7</i>	N/A	<i>0.94</i>
Water Color	Debris		Oily sheen		Odor	<i>clear</i>	
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color	Debris		Oily sheen		Odor		
Samplers name (Print): <i>J. King, N. Chang</i>				Signature: <i>[Signature]</i>			

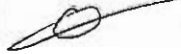

Date 08/22/12 Project Name MAUR LAGOON DISCHARGE

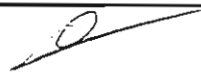
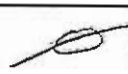
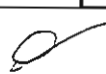
Sampler Name(s)


Calibration pH 7 & 10	<u>Yes</u> or no	Conductivity	1 mS or <u>10</u> mS	Lot # <u>12E100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <u>10</u> NTU	Lot # <u>22512113/5/12</u> <small>84709</small>	Exp date: <u>8/2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.89</u>	std 3: <u>1.62</u>	Lot # <u>A2187A</u>	Exp date: <u>7/2014</u>

calibrated by (Print): NICK CHANK

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA-INF</u>	<u>3:00</u>	<u>7.89</u>	<u>13.8</u>	<u>10.45</u>	<u>83.5</u>	<u>0.14</u>	<u>17.0</u>
Rep 2	<u>3:00</u>	<u>7.90</u>	<u>13.8</u>	<u>10.43</u>	<u>83.5</u>	N/A	<u>17.3</u>
Rep 3	<u>3:30</u>	<u>7.90</u>	<u>13.8</u>	<u>10.42</u>	<u>83.5</u>	N/A	<u>17.1</u>
Mean		<u>7.90</u>	<u>13.8</u>	<u>10.43</u>	<u>83.5</u>		<u>17.13</u>
Water Color	<u>TAN CL. ISLN</u>	Debris	<u>PARTICULATES</u>	Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA-EFF</u>	<u>3:30</u>	<u>7.91</u>	<u>13.6</u>	<u>2.45</u>	<u>80.6</u>	<u>0.02</u>	<u>2.07</u>
Rep 2	<u>3:30</u>	<u>7.92</u>	<u>13.6</u>	<u>2.46</u>	<u>80.6</u>	N/A	<u>2.07</u>
Rep 3	<u>3:30</u>	<u>7.92</u>	<u>13.6</u>	<u>2.45</u>	<u>80.6</u>	N/A	<u>2.12</u>
Mean		<u>7.92</u>	<u>13.6</u>	<u>2.45</u>	<u>80.6</u>		<u>2.09</u>
Water Color	<u>CLEAR</u>	Debris		Oily sheen		Odor	

Samplers name (Print):	<u>NICK CHANK</u> <u>Ian Bernstein</u>	Signature:	
------------------------	---	------------	---

int. plant began operating at 15.00 hrs only 1 sample

Date August 23, 2012Project Name Malibu LagoonSampler Name(s) Noa Rische

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <input checked="" type="checkbox"/> 10 NTU	Lot # <u>C291211</u>	Exp date: <u>8/2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>July 2014</u>

calibrated by (Print): Timothy Masny Janie King Sign: [Signature] [Signature]

Site ID	Time: 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>TMP</u>	<u>1630</u>	<u>8.19</u>	<u>13.6</u>	<u>9.83</u>	<u>79.5</u>	<u>0.03</u>	<u>18.5</u>
Rep 2		<u>8.19</u>	<u>13.6</u>	<del>8.0</del> <u>9.84</u>	<u>79.4</u>	N/A	<u>18.4</u>
Rep 3		<u>8.19</u>	<u>13.6</u>	<u>9.81</u>	<u>79.4</u>	N/A	<u>18.3</u>
Mean		<u>8.19</u>	<u>13.6</u>	<u>9.83</u>	<u>79.4</u>		<u>18.4</u>
Water Color	<del>Color: no cloudy</del>	Debris	<u>small black specks</u>	Oily sheen	<u>Q</u>	Odor	<u>Q</u>

Site ID	Time: 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>EFL</u>	<u>1615</u>	<u>7.84</u>	<u>13.6</u>	<u>2.52</u>	<u>78.8</u>	<u>0.02</u>	<u>0.62</u>
Rep 2		<u>7.84</u>	<u>13.7</u>	<u>2.54</u>	<u>78.8</u>	N/A	<u>0.82</u>
Rep 3		<u>7.84</u>	<u>13.7</u>	<u>2.58</u>	<u>78.6</u>	N/A	<u>0.61</u>
Mean		<u>7.84</u>	<u>13.7</u>	<u>2.55</u>	<u>78.7</u>		<u>0.68</u>
Water Color	<u>Q</u>	Debris	<u>Very small salt like grains</u>	Oily sheen	<u>Q</u>	Odor	<u>Q</u>

Samplers name (Print):	<u>Noa Rische</u>	Signature:	<u>[Signature]</u>
------------------------	-------------------	------------	--------------------

Pump started @ 1530 today so this is today's only sample.

page Pressure 150-450

Date August 24, 2018 Project Name Mt. Lygon Ocean Discharge  
 Sampler Name(s) John Luker

Calibration pH 7 & 10	(Yes) or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>125 100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or 10 NTU	Lot # <u>6251211</u> <small>(Bayer 50512)</small>	Exp date: <u>08-13</u>
Res. Chlorine Verification	std 1: <u>73</u>	std 2: <u>0.90</u>	std 3: <u>1.62</u>	Lot # <u>A2187A</u>	Exp date: <u>7-11</u>

calibrated by (Print): John Luker Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>14:30 M&amp;A-INF</u>	<u>14:30</u>	<u>8.06</u>	<u>13.5</u>	<u>7.39</u>	<u>76.9°</u>	<u>0.02</u>	<u>19.9</u>
Rep 2		<u>8.09</u>	<u>13.5</u>	<u>7.36</u>	<u>76.9°</u>	N/A	<u>18.2</u>
Rep 3		<u>8.10</u>	<u>13.6</u>	<u>7.37</u>	<u>76.9°</u>	N/A	<u>19.4</u>
Mean		<u>8.08</u>	<u>13.5</u>	<u>7.37</u>	<u>76.9°</u>		<u>19.2</u>
Water Color	<u>Brownish cloudy</u>	Debris	<u>NONE</u>	Oily sheen	<u>NONE</u>	Odor	<u>NONE</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M&amp;A1-EFF</u>	<u>15:00</u>	<u>7.79</u>	<u>13.6</u>	<u>1.07</u>	<u>77.3°</u>	<u>0.04</u>	<u>1.20</u>
Rep 2		<u>7.82</u>	<u>13.6</u>	<u>1.14</u>	<u>77.3°</u>	N/A	<u>1.28</u>
Rep 3		<u>7.82</u>	<u>13.6</u>	<u>1.13</u>	<u>77.3°</u>	N/A	<u>1.18</u>
Mean		<u>7.81</u>	<u>13.6</u>	<u>1.11</u>	<u>77.3°</u>		<u>1.22</u>
Water Color	<u>Clear</u>	Debris	<u>NONE</u>	Oily sheen	<u>NONE</u>	Odor	<u>NONE</u>

Samplers name (Print): MARK ABRAMSON Signature: [Signature]  
JOHN LUKER

Flow 480 gpm

Sampled by: <u>MARK ABRAMSON / JOHN LUKER</u>					Date: <u>08-24-2012</u>		
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-INF</u>	<u>15:30</u>	<u>8.09</u>	<u>13.4</u>	<u>6.95</u>	<u>76.6°</u>	<u>0.04</u>	<u>19.9</u>
Rep 2		<u>8.09</u>	<u>13.5</u>	<u>6.91</u>	<u>76.6°</u>	N/A	<u>19.8</u>
Rep 3		<u>8.09</u>	<u>13.5</u>	<u>6.89</u>	<u>76.6°</u>	N/A	<u>19.6</u>
Mean		<u>8.09</u> 0	<u>13.5</u> 0	<u>6.92</u> 0	<u>76.6°</u> 0	<u>N/A 0.04</u>	<u>19.8</u> 0
Water Color	<u>Scum Cloudy</u>	Debris	<u>NONE</u>	Oily sheen	<u>NONE</u>	Odor	<u>NONE</u>
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>16:00</u>	<u>7.80</u>	<u>13.6</u>	<u>1.26</u>	<u>77.3°</u>	<u>0.02</u>	<u>0.44</u>
Rep 2		<u>7.83</u>	<u>13.6</u>	<u>1.26</u>	<u>77.3°</u>	N/A	<u>0.43</u>
Rep 3		<u>7.83</u>	<u>13.6</u>	<u>1.27</u>	<u>77.3°</u>	N/A	<u>0.45</u>
Mean		<u>7.82</u> 0	<u>13.6</u> 0	<u>1.26</u> 0	<u>77.3°</u> 0	<u>0.02</u> N/A	<u>0.44</u> 0
Water Color	<u>CLEAR</u>	Debris	<u>NONE</u>	Oily sheen	<u>NONE</u>	Odor	<u>NONE</u>
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print): <u>MARK ABRAMSON / JOHN LUKER</u>					Signature: <u>[Signature]</u>		

NEGATIVE D.O. TEST 0.001

Flow 500gpm

Date

8/27/12

Project Name

MAIBU Lagoon Ocean Discharge

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot #	12E 100587	Exp date:	12/2013
		Turbidity	<input checked="" type="checkbox"/> 1 NTU or 10 NTU	Lot #	C251211	Exp date:	8/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot #	A2187A	Exp date:	July 2014

calibrated by (Print):

Timothy Mabry

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MOQA-INF	15:20	8.04	12.1	6.70	73.7	0.07	23.4
Rep 2		8.04	12.1	6.66	73.7	N/A	23.5
Rep 3		8.04	12.1	6.66	73.7	N/A	23.8
Mean		8.04	12.1	6.67	73.7	0.07	23.6
Water Color	Brown	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<del>MOQA</del> MOQ1-EFF	15:40	7.92	12.5	2.96	74.5	0.02	1.64
Rep 2		7.92	12.5	2.95	74.5	N/A	1.87
Rep 3		7.92	12.5	2.94	74.5	N/A	1.56
Mean		7.92	12.5	2.95	74.5	0.02	1.69
Water Color	Clear	Debris	none	Oily sheen	none	Odor	none

Samplers name (Print):

MARK Abramson / Suzanne Goode

Signature:

Flow 530 GPM

System off line until 2:30 only 1 sample taken

Date

8/28/12

Project Name

Malibu Lagoon Ocean discharge P1/2

Sampler Name(s)

Ivan Medel, Christine Chun.

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input type="checkbox"/> 10 mS	Lot # 12E100587	Exp date: 12/2013
		Turbidity	<input type="checkbox"/> 1 NTU or <input type="checkbox"/> 10 NTU	Lot # C251211	Exp date: 8/13
Res. Chlorine Verification	std 1: .23	std 2: .90	std 3: 1.63	Lot # A2187A	Exp date: 7/2014

calibrated by (Print):

Ivan Medel, Christine Chun.

Sign:

I. Medel, C. Chun

Site ID	Time 24 hr.	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F.	Residual Chlorine (ppm)	Turbidity (NTU)
INF	9:15	7.97	11.7	<del>6.95</del>	72.3	<del>0.60</del> .02	15.3
Rep 2	9:20	7.99	11.7	6.93	72.4	N/A	15.6
Rep 3	9:25	7.99	11.7	6.95	72.3	N/A	15.7
Mean		7.98	11.7	6.94	72.3		15.53
Water Color	Murky brown	Debris	No	Oily sheen	No	Odor	No

Site ID	Time 24 hr.	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F.	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	9:40	<del>7.87</del> 7.95	11.6	5.94	73.1	.06	.22
Rep 2	9:49	7.94	11.7	5.94	73.1	N/A	.27
Rep 3	9:50	7.94	11.6	5.93	73.1	N/A	.26
Mean		7.94	11.6	5.94	73.1	.06	0.25
Water Color	clear	Debris	No	Oily sheen	No	Odor	No

Samplers name (Print):

Ivan Medel, Christine Chun

Signature:

I. Medel, C. Chun

8/28/2012

P2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	12:30	7.90	11.7	5.69	<del>74.3</del> 74.3	.02	44.5
Rep 2		7.93	11.7	5.81	74.4	N/A	44.2
Rep 3		7.94	11.7	5.68	74.3	N/A	44.1
Mean		7.92	11.7	5.69	74.3		44.3
Water Color	very murky	Debris	NO <sup>small</sup> inverts	Oily sheen	NO	Odor	NO

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	12:50	7.92	11.8	5.76	75.1	0.02	.38
Rep 2		7.94	11.8	5.77	75.1	N/A	.40
Rep 3		7.94	11.8	5.80	75.1	N/A	.39
Mean		7.93	11.8	5.78	75.1		0.39
Water Color	clear	Debris	NO	Oily sheen	NO	Odor	NO

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Van Mendel & Tim Hagbury Signature: \_\_\_\_\_

Date

8/29/12

Project Name

MALIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot #	12E100587	Exp date:	12/2013
		Turbidity	<input checked="" type="checkbox"/> 1 NTU or 10 NTU	Lot #	C251211	Exp date:	8/13
Res. Chlorine Verification	std 1: 23	std 2: 90	std 3: 1.63	Lot #	A2187A	Exp date:	10/2014

calibrated by (Print):

Timothy Mabry

Sign:



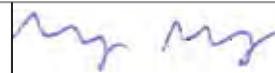
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	12:50	7.79	11.0	6.55	77.6	0.02	19.7
Rep 2		7.79	11.1	6.52	77.6	N/A	20.4
Rep 3		7.79	11.1	6.51	77.6	N/A	19.9
Mean		7.79	11.066	6.526	77.6		20.0
Water Color	light brown	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFL	13:15	7.73	11.2	5.67	78.2	0.01	0.40
Rep 2		7.75	11.2	5.63	78.2	N/A	0.41
Rep 3		7.74	11.3	5.62	78.2	N/A	0.43
Mean		7.74	11.2	5.64	78.2		0.41
Water Color	clear	Debris	none	Oily sheen	none	Odor	none

Samplers name (Print):

Timothy Mabry

Signature:



Sampled by: Tim Mabry / Inman Factory Date: 8/29/12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>Influent</u>	<u>14:42</u>	<u>7.79</u>	<u>11.1</u>	<u>6.94</u>	<u>78.1</u>	<u>0.04</u>	<u>20.6</u>
Rep 2	<u>++</u>	<u>7.79</u>	<u>11.2</u>	<u>6.90</u>	<u>78.0</u>	N/A	<u>20.6</u>
Rep 3		<u>7.79</u>	<u>11.2</u>	<u>6.87</u>	<u>78.0</u>	N/A	<u>20.7</u>
Mean		<u>7.79</u> 0	<u>11.167</u> 0	<u>6.90</u> 0	<u>78.033</u> 0	N/A	<u>20.633</u> 0

Water Color: light brown Debris: none Oily sheen: none Odor: none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>Effluent</u>	<u>15:00</u>	<u>7.63</u>	<u>11.2</u>	<u>5.22</u>	<u>78.4</u>	<u>0.02</u>	<u>0.6</u>
Rep 2		<u>7.68</u>	<u>11.2</u>	<u>5.23</u>	<u>78.4</u>	N/A	<u>0.54</u>
Rep 3		<u>7.68</u>	<u>11.3</u>	<u>5.22</u>	<u>78.3</u>	N/A	<u>0.59</u>
Mean		<u>7.66</u> 0	<u>11.233</u> 0	<u>5.223</u> 0	<u>78.366</u> 0	N/A	<u>0.576</u> 0

Water Color: clear Debris: none Oily sheen: none Odor: none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	

Water Color: Debris: Oily sheen: Odor:

Samplers name (Print): Timothy Mabry / Inman Factory Signature: 

Date

8/30/2012

Project Name

Malibu Lagoon Restoration V2

Sampler Name(s)

Noa Rische, Charlie Pechowski, Tim Maybury

Calibration pH 7 &amp; 10

Yes

or

no

Conductivity

1 mS or 10 mS

Lot #

12E 100587

Exp date: 12/2013

Turbidity

1 NTU or 10 NTU

Lot #

C251211

Exp date: 8/13

Res. Chlorine Verification

std 1:

~~0.02~~

std 2:

0.90

std 3:

1.63

Lot #

A2187A

Exp date: 7/14

calibrated by (Print):

Noa Rische

Sign:



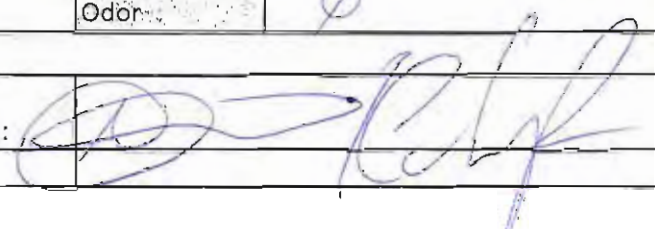
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	09:30	7.84	10.5	6.69	75.8	0.05	13.5
Rep 2		7.84	10.6	6.69	75.8	N/A	13.1
Rep 3		7.84	10.6	6.69	75.8	N/A	13.1
Mean		7.84	10.6	6.69	75.8		13.3
Water Color	grayish	Debris	Ø	Oily sheen	Ø	Odor	Salty

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	10:00	7.76	10.6	4.59	77.1	0.02	0.25
Rep 2		7.77	10.6	4.59	77.1	N/A	0.28
Rep 3		7.77	10.6	4.58	77.1	N/A	0.23
Mean		7.77	10.6	4.59	77.1		0.25
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print):

Noa Rische / Charlie Pechowski

Signature:




8/30/2012

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
IWF	1600	7.91	10.5	7.59	77.9	0.04	20.7
Rep 2		7.91	10.5	7.61	77.9	N/A	21.4
Rep 3		7.91	10.5	7.61	77.9	N/A	22.0
Mean		7.91	10.5	7.61	77.9		21.3
Water Color	cloudy grey	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
				7.59	77.9		
Rep 2				7.61	77.9	N/A	
Rep 3				7.61	77.9	N/A	
Mean							
Water Color		Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFL	1630	7.74	10.6	3.13	78.3	0.04	0.37
Rep 2		7.74	10.5	3.13	78.3	N/A	0.35
Rep 3		7.74	10.6	3.15	78.3	N/A	0.35
Mean		7.74	10.6	3.13	78.3	N/A	0.36
Water Color	clear	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Samplers name (Print): Non Kishne Tim Mayberry Signature: 

8/30/2012

Malibu Lagoon

P313

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	1800	7.88	10.3	7.79	77.8	0.07	31.8
Rep 2		7.88	10.4	7.80	77.8	N/A	30.4
Rep 3		7.88	10.4	7.78	77.8	N/A	31.2
Mean		7.88	10.4	7.79	77.8		31.3
Water Color	Very cloudy gray	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFL	1900	7.79	10.4	3.73	78.3	0.02	0.31
Rep 2		7.79	10.4	3.73	78.3	N/A	0.44
Rep 3		7.79	10.4	3.74	78.2	N/A	0.40
Mean		7.79	10.4	3.73	78.3		0.38
Water Color		Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print):

NWA Rische

Signature:



Flow 300 gpm

Date 8-31-2012 Project Name Melissa Lyman

Sampler Name(s) John Luker

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>CE 100587</u>	Exp date: <u>12/2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>8/13</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A21874</u>	Exp date: <u>5-1-14</u>

calibrated by (Print): John Luker Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQA-INF</u>	<u>14:45</u>	<u>7.87</u>	<u>10.0</u>	<u>7.93</u>	<u>78.3</u>	<u>0.22</u>	<u>31.3</u>
Rep 2		<u>7.87</u>	<u>10.0</u>	<u>7.93</u>	<u>78.3</u>	N/A	<u>30.7</u>
Rep 3		<u>7.87</u>	<u>10.0</u>	<u>7.94</u>	<u>78.3</u>	N/A	<u>31.8</u>
Mean		<u>7.87</u>	<u>10.0</u>	<u>7.93</u>	<u>78.3</u>	<u>0.22</u>	<u>30.9</u>
Water Color	<u>Brown</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQA1-EFF</u>	<u>15:00</u>	<u>7.76</u>	<u>10.2</u>	<u>2.94</u>	<u>78.1</u>	<u>0.03</u>	<u>0.52</u>
Rep 2		<u>7.76</u>	<u>10.2</u>	<u>2.93</u>	<u>78.1</u>	N/A	<u>0.55</u>
Rep 3		<u>7.76</u>	<u>10.2</u>	<u>2.94</u>	<u>78.1</u>	N/A	<u>0.48</u>
Mean		<u>7.76</u>	<u>10.2</u>	<u>2.94</u>	<u>78.1</u>	<u>0.03</u>	<u>0.52</u>
Water Color	<u>Clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print): Mark Abramson Signature: [Signature]  
John Luker

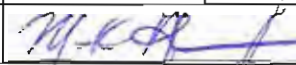
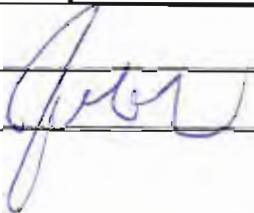
Lagoon Ocean Discharge

08-31-2012

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MS&A - INF	15:45	7.87	10.0	7.85	77.7	0.06	27.7
Rep 2		7.87	10.0	7.84	77.7	N/A	27.9
Rep 3		7.87	10.0	7.84	77.7	N/A	28.1
Mean		7.87	10.0	7.84	77.7	N/A 0.06	27.9
Water Color	BROWN	Debris	NONE	Oily sheen	NONE	Odor	NONE

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MS&I - EFF	16:00	7.89	10.1	6.38	78.1	0.02	0.36
Rep 2		7.89	10.1	6.37	78.1	N/A	0.36
Rep 3		7.96	10.1	6.39	78.2	N/A	0.33
Mean		7.89	10.1	6.38	78.1	N/A 0.02	0.35
Water Color	CLEAR	Debris	NONE	Oily sheen	NONE	Odor	NONE

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): John Luker / mark Abramson Signature:  

Flow = 150 gpm

Date

9/4/2012

Project Name

Malibu Lagoon Dewatering

Sampler Name(s)

Calibration pH 7 & 10	Yes <input checked="" type="checkbox"/> or no <input type="checkbox"/>	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot # 12E 100587	Exp date: 12/2013
		Turbidity	1 NTU or <input checked="" type="checkbox"/> 10 NTU	Lot # 3C252217	Exp date: 05/2013
Res. Chlorine Verification	std 1: .23	std 2: .91	std 3: 1.64	Lot # A2187A	Exp date: 07/14

calibrated by (Print):

Ivan

Medel

I. Medel

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	13:30	7.89	8.5	7.58	72.3	.07	12.0
Rep 2		7.91	8.6	7.60	72.3	N/A	11.9
Rep 3		7.92	8.6	7.56	72.3	N/A	12.0
Mean		7.91	8.6	7.58	72.3		11.96
Water Color	MURKY brown	Debris	NONE	Oily sheen	NONE	Odor	NONE

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EAF	13:45	7.91	8.7	6.10	74.0	.02	.31
Rep 2		7.93	8.7	6.08	74.0	N/A	.35
Rep 3		7.93	8.7	6.05	74.0	N/A	.32
Mean							
Water Color	clean	Debris	NO	Oily sheen	NO	Odor	NO

Samplers name (Print):

Ivan Medel, Tim Mabry

Signature:

I. Medel, T. Mabry

9/4/2012

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	15:10	7.98	8.6	8.04	73.5	.06	10.48
Rep 2		7.98	8.6	7.99	73.5	N/A	10.54
Rep 3		7.99	8.6	7.97	73.5	N/A	10.44
Mean		7.98	8.6		73.5		10.47
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	15:25	7.94	8.7	6.48	74.3	.02	.26
Rep 2		7.95	<del>8.6</del> 8.7	6.46	74.3	N/A	.23
Rep 3		7.96	8.7	6.45	74.3	N/A	.28
Mean		7.95	8.7		74.3		.24
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color	Debris		Oily sheen		Odor		

Samplers name (Print): Ivan Medel, Tim Mabry Signature: I. Medel, [Signature]

Date 9/5/12 Project Name Malib. Lagoon

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>C2E 100587</u>	Exp date: <u>12-2013</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C2E C251211</u>	Exp date: <u>8-2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.62</u>	Lot # <u>A2187A</u>	Exp date: <u>July 2014</u>

calibrated by (Print): Timothy Mabry, Nick (NAB) <sup>Steve</sup> Harrison Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-INF</u>	<u>09:20</u>	<u>7.84</u>	<u>8.0</u>	<u>6.86</u>	<u>73.0</u>	<u>0.13</u>	<u>8.02</u>
Rep 2		<u>7.84</u>	<u>8.7</u>	<u>6.07</u>	<u>73.0</u>	N/A	<u>7.80</u>
Rep 3		<u>7.84</u>	<u>8.7</u>	<u>6.84</u>	<u>72.9</u>	N/A	<u>7.78</u>
Mean		<u>7.84</u>	<u>8.7</u>	<u>6.86</u>	<u>73.0</u>		<u>7.86</u>
Water Color	<u>brown murky</u>	Debris: <u>none</u>	Oily sheen	<u>none</u>	Odor:	<u>none</u>	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>9:45</u>	<u>7.78</u>	<u>8.6</u>	<u>6.28</u>	<u>73.1</u>	<u>0.08</u>	<u>1.19</u>
Rep 2		<u>7.83</u>	<u>8.6</u>	<u>6.29</u>	<u>73.0</u>	N/A	<u>0.92</u>
Rep 3		<u>7.83</u>	<u>8.6</u>	<u>6.28</u>	<u>73.1</u>	N/A	<u>1.22</u>
Mean		<u>7.81</u>	<u>8.6</u>	<u>6.28</u>	<u>73.1</u>		<u>1.11</u>
Water Color	<u>clear</u>	Debris: <u>none</u>	Oily sheen	<u>none</u>	Odor:	<u>none</u>	

Samplers name (Print): Timothy Mabry, Nick (NAB) Signature: [Signature]

Plant not operating after 1:00 pm only one sample

Tests taken 20 minutes after backflushing

Date

9/16/12

Project Name

MALIBU LAGOON

M182

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot #	125 100587	Exp date:	12/2013
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot #	C251211	Exp date:	08/13
Res. Chlorine Verification	std 1: 0.09	std 2: 0.90	std 3: 1.63	Lot #	A2187A	Exp date:	07/14

calibrated by (Print): NICK CHANG

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	10:25	7.76	<del>8.2</del> 8.2	7.86	72.4	0.06	11.2
Rep 2		7.75	8.3	7.83	72.5	N/A	11.3
Rep 3		7.79	8.3	7.81	72.5	N/A	11.4
Mean							
Water Color	brown	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-EFF	10:45	7.70	8.4	4.39	73.5	0.04	0.46
Rep 2		7.73	8.4	4.37	73.5	N/A	0.44
Rep 3		7.73	8.4	4.40	73.6	N/A	0.51
Mean							
Water Color	clear	Debris	none	Oily sheen	none	Odor	none

Samplers name (Print):

NICK CHANG

Timothy Mabry

Signature:



Sampled by: *9/6/12 Tim Mayberry S. Harrison* Date: *9/16/12 pg 2 of 2*

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<i>INF</i>	<i>14:30</i>	<i>7.90</i>	<i>8.3</i>	<i>8.89</i>	<i>74.3</i>	<i>0.10</i>	<i>17.6</i>
Rep 2		<i>7.91</i>	<i>8.3</i>	<i>8.86</i>	<i>74.3</i>	N/A	<i>16.0</i>
Rep 3		<i>7.91</i>	<i>8.3</i>	<i>8.79</i>	<i>74.3</i>	N/A	<i>16.4</i>
Mean		<i>7.91</i> 0	<i>8.3</i> 0	<i>8.84</i> 0	<i>74.3</i> 0	N/A	<i>16.7</i> 0
Water Color	<i>brown</i>	Debris	<i>Ø</i>	Oily sheen	<i>Ø</i>	Odor	<i>Ø</i>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
	<i>15:00</i>	<i>7.79</i>	<i>8.4</i>	<i>5.78</i>	<i>75.7</i>	<i>0.04</i>	<del><i>0.18</i></del> <i>0.63</i>
Rep 2		<i>7.80</i>	<i>8.4</i>	<i>5.79</i>	<i>75.8</i>	N/A	<i>0.51</i>
Rep 3		<i>7.80</i>	<i>8.4</i>	<i>5.80</i>	<i>75.8</i>	N/A	<i>0.79</i>
Mean		<i>7.8</i> 0	<i>8.4</i> 0	<i>5.79</i> 0	<i>75.8</i> 0	N/A	<i>0.64</i> 0
Water Color	<i>clear</i>	Debris	<i>none</i>	Oily sheen	<i>none</i>	Odor	<i>none</i>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): *Timothy Mayberry Steve Harrison* Signature: *my my Steve Harrison*

78 1/2

Date 9/7/12 Project Name MAUI LAGOON

Sampler Name(s)

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	2E 100587	Exp date:	12/2013
		Turbidity	1 NTU or 10 NTU	Lot #	125 1211	Exp date:	08/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot #	A2187A	Exp date:	07/14

calibrated by (Print): NICK CHANGE CHRISTINE CHAN

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MDQA-INF	08:30	7.93	8.5	8.63	73.0 <del>76</del>	0.04	9.04
Rep 2	08:35	7.93	8.5	8.61	73.6	N/A	9.43
Rep 3	0	7.93	8.5	8.62	73.6	N/A	9.08
Mean							
Water Color	TAN / LT. BRN	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MDRI-ESS	09:00	7.72	8.6	3.48	73.5	0.03	0.55
Rep 2	09:	7.73	8.5	3.46	73.5	N/A	0.51
Rep 3		7.73	8.5	3.46	73.5	N/A	0.43
Mean		7.73	8.5	3.47	73.5	0.03	
Water Color	clear	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Samplers name (Print): NICK CHANGE CHRISTINE CHAN Signature:

FILTER CHANGE AT 08:00AM

9-7-12

78 3/4

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA - INF	15:00	8.24	8.4	11.91	77.9	0.05	16.3
Rep 2	15:05	8.25	8.4	11.84	77.9	N/A	16.5
Rep 3	15:10	8.25	8.5	11.86	77.9	N/A	16.4
Mean							
Water Color	POUR GREEN	Debris	SW	Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA - EFF	15:30	7.76	8.5	2.94	76.1	0.05	0.30
Rep 2	15:30	7.77	8.5	2.90	76.1	N/A	0.28
Rep 3	15:35	7.77	8.5	2.92	76.0	N/A	0.25
Mean							
Water Color	CLEAR	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): NICK CHANG Signature: 

Date 9/10/2012 Project Name SAR MALIBA-LAGOON

Sampler Name(s) Charlie Piechowski, IMAN JAFARY

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E100587</u>	Exp date: <u>12-2013</u>
		Turbidity	<u>1 NTU</u> or <u>10 NTU</u>	Lot # <u>C25121</u>	Exp date: <u>8-2013</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07-2014</u>

calibrated by (Print): Charlie Piechowski, Iman Jafary Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-INF</u>	<u>11:20</u>	<u>7.46</u>	<u>14.29</u> / <u>8.4</u>	<u>9.78</u>	<u>75.9</u>	<u>0.09</u> / <u>15.0</u>	<u>16.0</u>
Rep 2		<u>7.45</u>	<u>14.41</u> / <u>8.4</u>	<u>9.77</u>	<u>75.8</u>	N/A	<u>15.7</u>
Rep 3		<u>7.45</u>	<u>14.42</u> / <u>8.4</u>	<u>9.76</u>	<u>75.7</u>	N/A	<u>14.8</u> / <u>15.9</u>
Mean		<u>7.453</u>	<u>8.4</u>	<u>9.77</u>	<u>75.8</u>		<u>15.87</u>
Water Color	<u>Slight Turb yellow</u>	Debris	<u>NO</u>	Oily sheen	<u>NO</u>	Odor	<u>NO</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>11:45</u>	<u>7.45</u>	<u>8.4</u>	<u>5.79</u>	<u>76.4</u>	<u>0.07</u>	<u>0.43</u>
Rep 2		<u>7.46</u>	<u>8.4</u>	<u>5.8</u>	<u>76.4</u>	N/A	<u>0.46</u>
Rep 3		<u>7.46</u>	<u>8.4</u>	<u>5.76</u>	<u>76.4</u>	N/A	<u>0.44</u>
Mean		<u>7.456</u>	<u>8.4</u>	<u>5.78</u>	<u>76.4</u>		<u>0.443</u>
Water Color	<u>clear</u>	Debris	<u>NO</u>	Oily sheen	<u>NO</u>	Odor	<u>NO</u>

Samplers name (Print): Charlie Piechowski, Iman Jafary Signature: [Signature]


1

9/10/12 - Test #2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFFLUENT	START: 2:43 END: 2:54	7.54	8.4	11.56	77.1	.18	16.7
Rep 2		7.54	8.4	11.47	77.1	N/A	15.5
Rep 3		7.55	8.4	11.47	77.1	N/A	16.8
Mean		7.543	8.4	11.5	77.1		16.3
Water Color	Slightly Yellow	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFFLUENT	START 3:03 END	7.53	<del>8.4</del> 8.4	5.92	77.6	.09	.42
Rep 2		7.53	8.4	5.94	77.6	N/A	.44
Rep 3		7.53	8.4	5.94	77.6	N/A	.41
Mean		7.53	8.4	5.93	77.6		.423
Water Color		Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	


Samplers name (Print): Charles Piechowski / Imam Jafary Signature: 



Date 9-11-12 Project Name Malden Lagoon # 1 of 2


Sampler Name(s) Steve Harmon Jky

Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or no	Conductivity	1 mS or 10 mS	Lot #	12510587	Exp date:	12/2013
		Turbidity	1 NTU or 10 NTU	Lot #	C251211	Exp date:	8/13 - batch 8/06
Res. Chlorine Verification	std 1: <u>0.2</u>	std 2: <u>0.89</u>	std 3: <u>1.62</u>	Lot #	164	Exp date:	- 3/14

calibrated by (Print): SKJ, S Harmon Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>influent</u>	<u>10:15</u>	<u>7.97</u>	<u>8.3</u>	<u>9.17</u>	<u>76.0</u>	<u>0.17</u>	<u>11.7</u>
Rep 2		<u>7.98</u>	<u>8.3</u>	<u>9.15</u>	<u>76.1</u>	N/A	<u>11.1</u>
Rep 3		<u>7.98</u>	<u>8.3</u>	<u>9.12</u>	<u>76.0</u>	N/A	<u>11.3</u>
Mean		<u>7.98</u>	<u>8.3</u>	<u>9.15</u>	<u>76.0</u>	<u>0.17</u>	<u>11.4</u>
Water Color	<u>light brown</u> <u>cloudy</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>effluent</u>	<u>12:00</u>	<u>7.80</u>	<u>8.4</u>	<u>6.14</u>	<u>76.3</u>	<u>0.06</u>	<u>1.35</u>
Rep 2		<u>7.84</u>	<u>8.4</u>	<u>6.15</u>	<u>76.3</u>	N/A	<u>1.27</u>
Rep 3		<u>7.88</u>	<u>8.4</u>	<u>6.07</u>	<u>76.3</u>	N/A	<u>1.27</u>
Mean		<u>7.84</u>	<u>8.4</u>	<u>6.13</u>	<u>76.3</u>	<u>0.06</u>	<u>1.30</u>
Water Color	<u>clr</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print): Jameky S Harmon Signature: 

Date

9/11/12

Project Name

Mellona Lagoon

242

Sampler Name(s)

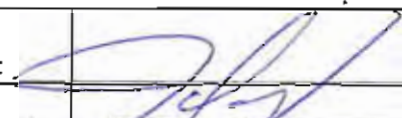
Calibration pH 7 & 10	Yes <input checked="" type="checkbox"/> or <input type="checkbox"/> no	Conductivity	1 mS or 10 mS	Lot #	Exp date: 12/13
		Turbidity	1 NTU or 10 NTU	Lot #	Exp date: 8
Res. Chlorine Verification	std 1:	std 2:	std 3:	Lot #	Exp date:

calibrated by (Print):

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
influent	15:15	8.04	8.4	11.25	76.5	0.08	15.9
Rep 2		7.99	8.4	11.23	76.5	N/A	16.8
Rep 3		8.03	8.4	11.26	76.5	N/A	16.5
Mean		8.02	8.4	11.24	76.5	0.08	16.4
Water Color	Hazy green	Debris	X	Oily sheen	X	Odor	X

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
effluent	<del>3:00</del> 15:00	7.99	8.4	6.24	77.2	0.05	2.92
Rep 2	15:00	8.00	8.4	6.32	77.1	N/A	2.92
Rep 3		8.00	8.4	6.30	77.1	N/A	2.83
Mean		8.00	8.4	6.30	77.1	0.05	2.89
Water Color	Ø	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print):	J. Key S. Hansen	Signature:	
------------------------	------------------	------------	---

Date

9/21/12

Project Name

MALIBU

LABOR

Sampler Name(s)


Calibration pH 7 & 10	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> no	Conductivity	1 mS or <input checked="" type="checkbox"/> 10 mS	Lot #	12E 100587	Exp date:	12/20/13
		Turbidity	1 NTU or <input checked="" type="checkbox"/> 10 NTU	Lot #	C251211	Exp date:	08/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.00	std 3: 1.63	Lot #	A 2187A	Exp date:	07/14

calibrated by (Print):

Christine Chum


Steve Hamlin

Sign:



Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	11:08	8.02	8.3	8.42	75.8	0.04	14.9
Rep 2	11:08	8.02	8.3	8.43	75.8	N/A	13.8
Rep 3	11:09	8.02	8.3	8.45	75.8	N/A	13.9
Mean		8.02	8.3	8.43	75.8	0.04	14.1
Water Color	Brown	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA 1-EFF	12:00	7.95	8.3	6.05	76.1	0.03	1.01
Rep 2		7.99	8.3	6.06	76.1	N/A	1.07
Rep 3		7.97	8.3	6.03	76.0	N/A 0.03	1.16
Mean		7.97	8.3	6.05	76.1	0.03	1.07
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print):	Timothy Mabry Steve Harrison	Signature:	
	Christine Chum		

9/12/12

Flow 500 gpm

MARK ABRAMSON STEVE HARRISON

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	16:45	8.02	8.3	9.17	77.9	0.10	13.8
Rep 2		8.02	8.3	9.09	77.9	N/A	13.8
Rep 3		8.03	8.3	9.12	77.9	N/A	13.4
Mean		8.02	8.3	9.13	77.9	N/A 0.10	13.6
Water Color	Light Brown	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQRI-ETP	17:20	8.39	8.3	4.72	76.5	0.01	0.89
Rep 2		8.41	8.3	4.72	76.5	N/A	0.80
Rep 3		8.41	8.3	4.72	76.5	N/A	0.77
Mean		8.40	8.3	4.72	76.5	N/A 0.01	0.82
Water Color	Clear	Debris	None	Oily sheen	None	Odor	None

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
						0.01	
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Steve HARRISON MARK ABRAMSON Signature: Steve Harrison Mark

0 dissolved oxygen test 0.02

CHLORINE: STD 1: 0.22 STD 2: 0.89 STD 3: 1.62 |

CALIBRATION 7/3/10: YES

LOT#: 12E100587

EXP DATE: 12/2013

CONDUCTIVITY: 1 MS OR 10 MS

LOT#: C251211

EXP DATE: 08/13

TURBIDITY: 1 NTU OR 10 NTU

LOT#: A2187A

EXP DATE: 07/14

CALIBRATED BY: NICK CHANE

SIGN: 

09-13-2012 Cal. Log

9/13/12 N CHANG

see calibration on Lake

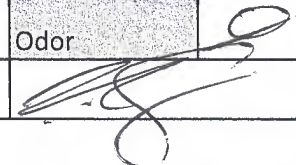
ENTERED LT 11/2/12 TAYOU LAGOON

1/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQDA-WF	8:30	8.03	8.3	7.3	74.2	0.03	7.55
Rep 2		8.03	8.2	7.28	74.2	N/A	7.38
Rep 3		8.03	8.2	7.32	74.1	N/A	7.43
Mean		8.03	8.2	7.3	74.2	0.03	7.45
Water Color	slightly cloudy light brown	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQDA-EFF	9:20	8.11	8.3	6.1	74.6	0.01	0.73
Rep 2		8.13	8.3	6.13	74.5	N/A	0.65
Rep 3		8.13	8.3	6.14	74.5	N/A	0.79
Mean		8.12	8.3	6.12	74.5		0.72
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQDA-WF	2:30	7.99	7.8	8.07	75.4	0.03	6.63
Rep 2		8.0	8.2	8.05	75.4	N/A	6.17
Rep 3		8.01	8.2	8.01	75.3	N/A	6.48
Mean		8.0	8.06	8.04	75.4	N/A	6.43
Water Color	slight brown	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print): Nicole Chang Steve Hamm Signature: 

9/13/12 N. CHANG J. HARRISON

ENTERED LT 11/2/12 PG 2 of 2

Site ID		Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ1_EH		3:00	8.04	8.2	6.21	75.4	0.02	0.41
Rep 2			8.04	8.2	6.15	75.4	N/A	0.33
Rep 3			8.05	8.2	6.19	75.4	N/A	0.32
Mean			8.04	8.2	6.18	75.4		0.35
Water Color	CLEAR	Debris		Oily sheen		Odor		

Site ID		Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2							N/A	
Rep 3							N/A	
Mean								
Water Color		Debris		Oily sheen		Odor		

Site ID		Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2							N/A	
Rep 3							N/A	
Mean			0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor		

Samplers name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

Date 9/14/12 Project Name MAJIBU LABON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> yes or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>08/13</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07/14</u>

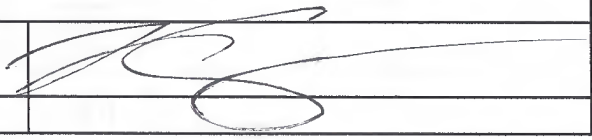
calibrated by (Print): NICK CHANG Sign: 

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQA - JNF</u>	<u>08:30</u>	<u>8.16</u>	<u>8.2</u>	<u>7.67</u>	<u>73.9</u>	<u>0.02</u>	<u>5.51</u>
Rep 2	<u>08:35</u>	<u>8.17</u>	<u>8.2</u>	<u>7.65</u>	<u>73.9</u>	N/A	<u>5.82</u>
Rep 3		<u>8.17</u>	<u>8.2</u>	<u>7.66</u>	<u>73.9</u>	N/A	<u>5.92</u>
Mean		<u>8.17</u>	<u>8.2</u>	<u>7.66</u>	<u>73.9</u>		<u>5.75</u>
Water Color	<u>SLIGHTLY CLOUDY</u> <u>LT. BROWN</u>	Debris	<u>0</u>	Oily sheen	<u>0</u>	Odor	<u>0</u>

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQA - EFF</u>	<u>08:45</u>	<u>8.15</u>	<u>8.2</u>	<u>6.45</u>	<u>74.9</u>	<u>0.01</u>	<u>0.32</u>
Rep 2		<u>8.15</u>	<u>8.2</u>	<u>6.39</u>	<u>74.9</u>	N/A	<u>0.324</u>
Rep 3		<u>8.15</u>	<u>8.2</u>	<u>6.38</u>	<u>74.8</u>	N/A	<u>0.34</u>
Mean		<u>8.15</u>	<u>8.2</u>	<u>6.41</u>	<u>74.9</u>		<u>0.33</u>
Water Color	<u>CLEAR</u>	Debris	<u>0</u>	Oily sheen	<u>0</u>	Odor	<u>0</u>

Samplers name (Print): NICK CHANG Signature: 

ENTERED LT 11/2/12

PO 2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA_INF	13:10	8.07	8.1	7.82	75.1	0.02	5.83
Rep 2		8.08	8.2	7.86	75.1	N/A	5.82
Rep 3		8.08	8.2	7.87	75.1	N/A	6.12
Mean		8.08	8.2	7.85	75.1		5.92
Water Color	LIGHT BROWN	Debris	Ø	Oily sheen	Ø	Odor	Ø

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ1_EFF	13:35	8.07	8.2	6.26	75.9	0.05	0.35
Rep 2		8.07	8.2	6.24	75.9	N/A	0.50
Rep 3		8.08	8.2	6.21	75.9	N/A	0.40
Mean		8.07	8.2	6.24	75.9		0.42
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): NICK CHANG Signature: 

flow 300 gpm

ENTERED LT 11/2/12 pg 1/2

Date

9-17-2012

Project Name

Malibu Lagoon

Sampler Name(s)

John Luker Suzanne Goode

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	12E 100587	Exp date:	12-20-13
		Turbidity	1 NTU or 10 NTU	Lot #	C251211	Exp date:	08-13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot #	A2187A	Exp date:	Jul-14

calibrated by (Print):

John Luker

Sign:

*[Signature]*

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF M00A	12:10	7.86	8.2	7.82	75.7	0.08	4.17
Rep 2		7.88	8.2	7.82	75.7	N/A	4.74
Rep 3		7.88	8.2	7.82	75.7	N/A	4.79
Mean		7.873	8.2	7.82	75.7		4.5666
Water Color	<i>Slightly cloudy</i>	Debris	∅	Oily sheen	∅	Odor	∅

*sl. brown*

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EPL M001	12:30	7.84	8.2	5.35	76.3	0.02	0.46
Rep 2		7.82	8.2	5.38	76.3	N/A	0.47
Rep 3		7.84	8.2	5.37	76.3	N/A	0.48
Mean		7.83	8.2	5.37	76.3		0.47
Water Color	<i>clear</i>	Debris	∅	Oily sheen	∅	Odor	∅

Samplers name (Print):	Suzanne Goode	Signature:	<i>[Signature]</i>
------------------------	---------------	------------	--------------------

*John Luker*

*[Signature]*

EMBED LT 11/2/12 9-17-12 2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M00A-INF	14:58	7.96	8.2	8.52	77.8	0.08	5.60
Rep 2		7.96	8.2	8.78	77.9	N/A	5.44
Rep 3		7.96	8.2	8.79	78.0	N/A	5.83
Mean		7.96	8.2	8.69666	77.9		5.6333
Water Color	lightly cloudy at bottom	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M001 EFF	15:11	7.92	8.2	6.18	76.7	0.02	0.68
Rep 2		7.93	8.2	6.19	76.7	N/A	0.68
Rep 3		7.94	8.2	6.21	76.7	N/A	0.61
Mean		7.93	8.2	6.19333	76.7		0.6566
Water Color	clear	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Suzanne Grode Signature: Suzanne Grode

John Laker

JML

ENTERED LT 11/2/12 PG. 12

Date 9/11/12 Project Name MALIBU LAGOON

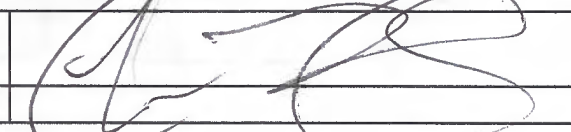
Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <u>10</u> mS	Lot # <u>12E100587</u>	Exp date: <u>12-20-13</u>
		Turbidity	1 NTU or <u>10</u> NTU	Lot # <u>C251211</u>	Exp date: <u>08-13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.64</u>	Lot # <u>A2187A</u>	Exp date: <u>07-14</u>

calibrated by (Print): NICK C. JAMIE K., CP Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQRA-INF</u>	<u>07:15</u>	<u>7.98</u>	<u>8.2</u>	<u>8.06</u>	<u>72.4</u>	<u>0.05</u>	<u>3.47</u>
Rep 2		<u>8.01</u>	<u>8.2</u>	<u>8.07</u>	<u>72.4</u>	N/A	<u>3.44</u>
Rep 3		<u>8.02</u>	<u>8.2</u>	<u>8.01</u>	<u>72.3</u>	N/A	<u>3.58</u>
Mean		<u>8.00</u>	<u>8.2</u>	<u><del>8.04</del> 8.04</u>	<u>72.36</u>		<u>3.49</u>
Water Color	<u>clear</u>	Debris	<u>NO</u>	Oily sheen	<u>NO</u>	Odor	<u>N</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MAL1-EFF</u>	<u>07:30</u>	<u>8.06</u>	<u>8.3</u>	<u>5.63</u>	<u>72.4</u>	<u>0.02</u>	<u>0.47</u>
Rep 2		<u>8.06</u>	<u>8.3</u>	<u>5.69</u>	<u>72.3</u>	N/A	<u>0.50</u>
Rep 3		<u>8.01</u>	<u>8.3</u>	<u>5.69</u>	<u>72.3</u>	N/A	<u>0.45</u>
Mean		<u>8.06</u>	<u>8.3</u>	<u>5.636</u>	<u>72.33</u>		<u>0.473</u>
Water Color	<u>clear</u>	Debris	<u>NO</u>	Oily sheen	<u>NO</u>	Odor	<u>N</u>

Samplers name (Print): charlie NICK HANK Signature: 

ENTERED 11/2/12

Date 9/18/12 Project Name SMBRA LAGOON

Sampler Name(s) NICK, CHARLIE

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	Exp date:
		Turbidity	1 NTU or 10 NTU	Lot #	Exp date:
Res. Chlorine Verification	std 1:	std 2:	std 3:	Lot #	Exp date:

calibrated by (Print): Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	1:30	8.08	8.2	9.35	74.3	0.09	2.67
Rep 2		8.10	8.2	9.40	74.3	N/A	2.68
Rep 3		8.10	8.2	9.35	74.3	N/A	2.70
Mean		8.09	8.2	9.40	74.3		2.67
Water Color	<del>Blue</del>	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	1:30	8.06	8.2	6.18	74.6	0.04	0.47
Rep 2		8.06	8.2	6.17	74.5	N/A	0.46
Rep 3		8.06	8.2	6.16	74.5	N/A	0.42
Mean		8.06	8.2	6.17	74.5		0.45
Water Color		Debris		Oily sheen		Odor	

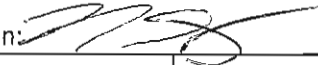
Samplers name (Print):	Signature:

Date 9/19/12 Project Name MALIBU LAGOON

Sampler Name(s)

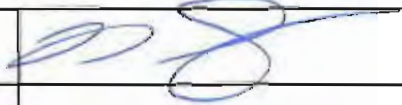
Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E100587</u>	Exp date: <u>12-20-13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>6251211</u>	Exp date: <u>08-13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07-14</u>

calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA-INF</u>	<u>07:30</u>	<u>7.55</u>	<u>8.2</u>	<u>8.34</u>	<u>69.7</u>	<u>0.04</u>	<u>2.92</u>
Rep 2		<u>7.56</u>	<u>8.2</u>	<u>8.33</u>	<u>69.7</u>	N/A	<u>2.94</u>
Rep 3		<u>7.55</u>	<u>8.2</u>	<u>8.32</u>	<u>69.6</u>	N/A	<u>2.94</u>
Mean							<u>2.9</u>
Water Color	<u>LIGHT BPN</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQGI-EFF</u>		<u>7.6</u>	<u>8.2</u>	<u>7.27</u>	<u>69.8</u>	<u>0.02</u>	<u>0.67</u>
Rep 2		<u>7.61</u>	<u>8.2</u>	<u>7.28</u>	<u>69.8</u>	N/A	<u>0.55</u>
Rep 3		<u>7.61</u>	<u>8.2</u>	<u>7.29</u>	<u>69.7</u>	N/A	<u>0.47</u>
Mean							
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Nick Chang Signature: 

Sep 19, 2012

2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	1530	7.65	8.2	10.21	75.2	0.06	2.74
Rep 2		7.65	8.2	10.23	75.2	N/A	2.69
Rep 3		7.65	8.2	10.22	75.3	N/A	2.65
Mean		7.65	8.2	10.22	75.2		2.69
Water Color	Clear	Debris	☉	Oily sheen	☉	Odor	☉

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFL	1600	7.50	8.2	4.80	74.5	0.02	0.22
Rep 2		7.50	8.3	4.84	74.5	N/A	0.22
Rep 3		7.50	8.3	4.82	74.6	N/A	0.18
Mean		7.50	8.3	4.82	74.5		0.21
Water Color	Clear	Debris	☉	Oily sheen	☉	Odor	☉

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Noa Rische Signature: 

ENTERED LT 11/2/12

PG 1/2


Date 9/20/12

Project Name MALIBU LAGOON

Sampler Name(s)


Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12-20-13</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C251211</u>	Exp date: <u>08-13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.64</u>	Lot # <u>A2187A</u>	Exp date: <u>07-14</u>

calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA-INF</u>	<u>07:40</u>	<u>7.92</u>	<u>8.3</u>	<u>8.20</u>	<u>70.7</u>	<u>0.04</u>	<u>2.41</u>
Rep 2		<u>7.95</u>	<u>8.2</u>	<u>8.25</u>	<u>70.7</u>	N/A	<u>2.47</u>
Rep 3		<u>7.96</u> <del>7.6</del>	<u>8.2</u>	<u>8.24</u>	<u>70.7</u>	N/A	<u>2.56</u>
Mean		<u>7.94</u>	<u>8.2</u>	<u>8.23</u>	<u>70.7</u>		<u>2.48</u>
Water Color	<u>LIGHT TAN</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA1-EFF</u>	<u>08:10</u>	<u>8.01</u>	<u>8.3</u>	<u>7.17</u>	<u>70.7</u>	<u>0.02</u>	<u>0.27</u>
Rep 2		<u>8.02</u>	<u>8.3</u>	<u>7.17</u>	<u>70.7</u>	N/A	<u>0.30</u>
Rep 3		<u>8.02</u>	<u>8.3</u>	<u>7.20</u>	<u>70.6</u>	N/A	<u>0.29</u>
Mean		<u>8.02</u>	<u>8.3</u>	<u>7.18</u>	<u>70.7</u>		<u>0.29</u>
Water Color	<u>CLEAR</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print): NICK C. Signature: 


\* 700 PSI pump

Sept 20, 2012 ENTERED LT 11/2/12

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	1100	7.99	8.3	8.73	72.5	0.05	2.25
Rep 2		8.00	8.3	8.72	72.5	N/A	2.28
Rep 3		8.00	8.3	8.75	72.5	N/A	2.26
Mean		8.00	8.3	8.73	72.5		2.26
Water Color	clear	Debris	☉	Oily sheen	☉	Odor	☉

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFL	1115	7.94	8.3	6.02	72.6	0.03	<del>0.05</del> 0.05
Rep 2		7.94	8.3	6.02	72.6	N/A	<del>0.02</del> 0.02
Rep 3		7.94	8.3	6.02	72.6	N/A	<del>0.02</del> 0.02
Mean		7.94	8.3	6.02	72.6		0.02
Water Color	clear	Debris	☉	Oily sheen	☉	Odor	☉

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): Noa Riste Nick Chang Signature: 

ENTERED AT 11/2/12

Date 9/20/12 Project Name MALIBU/ABOON

Sampler Name(s)

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	Exp date:
		Turbidity	1 NTU or 10 NTU	Lot #	Exp date:
Res. Chlorine Verification	std 1:	std 2:	std 3:	Lot #	Exp date:

calibrated by (Print): \_\_\_\_\_ Sign: \_\_\_\_\_

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M.QQA_INF	13:50	8.00	8.2	9.73	74.0	0.11	2.34
Rep 2		8.01	8.2	9.73	74.0	N/A	2.20
Rep 3		8.00	8.2	9.73	74.0	N/A	2.18
Mean		8.0	8.2	9.73	74		2.24
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M.QQI_EFF	14:10	7.95	8.2	7.06	74.3	0.02	0.21
Rep 2		7.96	8.2	7.04	74.3	N/A	0.23
Rep 3		7.96	8.2	7.05	74.3	N/A	0.23
Mean		7.96	8.2	7.05	74.3		0.22
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print): NICK CHANG Noa Rische Signature: \_\_\_\_\_


ENTERED LT 11/2/12

Date 9/21/12 Project Name MALIBU LAGOON

Sampler Name(s) N. CHANG

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12-20-13</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C251211</u>	Exp date: <u>08-13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.91</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07-14</u>

calibrated by (Print): NICK CHANG


Sign: 

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA-INF</u>	<u>07:35</u>	<u>7.63</u>	<u>8.3</u>	<u>8.12</u>	<u>70.9</u>	<u>0.04</u>	<u>2.26</u>
Rep 2		<u>7.68</u>	<u>8.2</u>	<u>8.21</u>	<u>70.9</u>	N/A	<u>2.45</u>
Rep 3		<u>7.69</u>	<u>8.3</u>	<u>8.16</u>	<u>70.9</u>	N/A	<u>2.20</u>
Mean		<u>7.67</u>	<u>8.3</u>	<u>8.16</u>	<u>70.9</u>		<u>2.30</u>
Water Color	<u>CLEAR</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQQA1-EFF</u>	<u>08:00</u>	<u>7.73</u>	<u>8.3</u>	<u>6.74</u> <u>6.67</u>	<u>71.6</u>	<u>0.03</u>	<u>0.10</u>
Rep 2		<u>7.73</u>	<u>8.3</u>	<u>6.71</u>	<u>71.6</u>	N/A	<u>0.15</u>
Rep 3		<u>7.74</u>	<u>8.3</u>	<u>6.75</u>	<u>71.5</u>	N/A	<u>0.14</u>
Mean		<u>7.73</u>	<u>8.3</u>	<u>6.73</u>	<u>71.6</u>		<u>0.13</u>
Water Color	<u>CLEAR</u>	Debris	<u>Ø</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Samplers name (Print): NICK CHANG Signature: 

ENTERED LT 11/2/12

RG-2/3

✓

✓

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	13:40	7.73	7.8	8.95	74.4	0.05	2.68
Rep 2		7.73	8.2	8.95	74.4	N/A	2.55
Rep 3		7.73	8.2	8.95	74.4	N/A	2.51
Mean		7.73	8.2	8.95	74.4		
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-EFF	14:00	7.74	8.2	7.11	74.5	0.04	0.13
Rep 2		7.74	8.2	7.07	74.5	N/A	0.08
Rep 3		7.74	8.2	7.05	74.5	N/A	0.07
Mean		7.74	8.2	7.08	74.5		0.09
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): NICK C. Signature: 

Date 09-24-2012

Project Name MALIBU Lagoon Dewatering

Sampler Name(s)

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12-20-13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>08-13-</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07-14</u>

calibrated by (Print): MARK Abramson

Sign: M.A.

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A - INF</u>	<u>8:40</u>	<u>7.64</u>	<u>8.3</u>	<u>7.89</u>	<u>73.4</u>	<u>0.11</u>	<u>2.85</u>
Rep 2		<u>7.64</u>	<u>8.3</u>	<u>7.87</u>	<u>73.4</u>	N/A	<u>2.89</u>
Rep 3		<u>7.65</u>	<u>8.3</u>	<u>7.86</u>	<u>73.4</u>	N/A	<u>3.08</u>
Mean		<u>7.64</u>	<u>8.3</u>	<u>7.87</u>		<u>0.11</u>	<u>2.94</u>
Water Color	<u>light Brown</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001 - EFF</u>	<u>09:00</u>	<u>7.71</u>	<u>8.3</u>	<u>5.38</u>	<u>73.6</u>	<u>0.09</u>	<u>0.40</u>
Rep 2		<u>7.72</u>	<u>8.3</u>	<u>5.38</u>	<u>73.5</u>	N/A	<u>0.46</u>
Rep 3		<u>7.72</u>	<u>8.3</u>	<u>5.37</u>	<u>73.5</u>	N/A	<u>0.50</u>
Mean		<u>7.72</u>	<u>8.3</u>	<u>5.38</u>	<u>73.5</u>	<u>0.09</u>	<u>0.45</u>
Water Color	<u>clear</u>	Debris	<u>none</u>	Oily sheen	<u>none</u>	Odor	<u>none</u>

Samplers name (Print):	<u>Mark Abramson</u>	Signature:	<u>M.A.</u>
	<u>Suzanne Coocke</u>		<u>Suzanne Coocke</u>

Flow 600 gpm

09-24-12

Pg 2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA-INF	10:05	7.68	8.3	8.14	73.6	0.03	3.20
Rep 2		7.69	8.3	8.10	73.6	N/A	3.21
Rep 3		7.69	8.3	8.10	73.6	N/A	3.20
Mean		7.69	8.3	8.11	73.6	0.03	3.20
Water Color		Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M007-EFF	10:15	7.63	8.3	<del>8.11</del> 5.60	<del>73.6</del> 74.1	0.01	1.18
Rep 2		7.64	8.3	5.58	<del>73.6</del> 74.1	N/A	1.18
Rep 3		7.64	8.3	5.59	<del>73.6</del> 74.1	N/A	1.18
Mean		7.64	8.3	5.59	74.1°	0.01	1.18
Water Color		Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): MARK Abramson Signature: [Signature]

Flow 600 gpm

Suzanne Goode

Suzanne Goode

Date

9/25/12

Project Name

Moleba Canyon

LDJ

Sampler Name(s)

J. Ky Alexis Francis

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	Exp date:
0:0:00	(Yes)	9.95	(10 mS)	12 E100587	12/20/13
				Lot #	Exp date:
		Turbidity	1 NTU or 10 NTU	C251211	8/13
Res. Chlorine Verification	std 1:	std 2:	std 3:	Lot #	Exp date:
	0.23	0.90	1.62	A2187A	7/14

calibrated by (Print):

J Ky A Francis

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	16:15	7.85	8.3	9.03	75.7	0.08	3.06 NTU
Rep 2		7.86	8.3	8.80	75.8	N/A	3.14
Rep 3		7.86	8.3	8.94	75.8	N/A	3.17
Mean							
Water Color	cloudy	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	16:30	8.3	7.80	5.93	74.7	0.03	0.14
Rep 2		8.3	7.81	5.96	74.7	N/A	0.16
Rep 3		8.3	7.81	5.93	74.8	N/A	0.13
Mean							
Water Color	Ø	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print): Jamie Ky Alexis Francis  
Adam Mainz

Signature:

FB 1/1

Date 9/26/12 Project Name MAIBU LAGOON

Sampler Name(s)

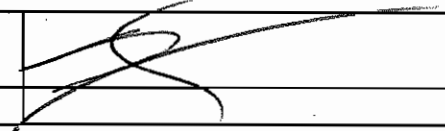
Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	12E100587	Exp date:	12/20/13
		Turbidity	1 NTU or 10 NTU	Lot #	C251211	Exp date:	8/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot #	A2187A	Exp date:	7/14

calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	15:30	7.72	8.3	8.59	73.7	0.10	3.01
Rep 2		7.73	8.3	8.57	73.7	N/A	3.19
Rep 3		7.74	8.3	8.59	73.7	N/A	3.18
Mean		7.73	8.3	8.58	73.7		3.13
Water Color	CLEAR	Debris		Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
	15:40	7.75	8.1	7.20	73.7	0.06	0.19
Rep 2		7.75	8.3	7.13	73.7	N/A	0.16
Rep 3		7.76	8.3	7.16	73.7	N/A	0.13
Mean		7.75	8.2	7.16	73.7		0.16
Water Color	CLEAR	Debris		Oily sheen		Odor	

Samplers name (Print): NICK C. Signature: 

Date

9/27/12

Project Name

MARSH LABOUR

Sampler Name(s)

Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot #	12E10058T	Exp date:	12/20/13
		Turbidity	1 NTU or 10 NTU	Lot #	C251211	Exp date:	8/13
Res. Chlorine Verification	std 1: 0.22	std 2: 0.90	std 3: 1.63	Lot #	A2107A	Exp date:	7/14

calibrated by (Print): Nick C.

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
WF	13:40	7.80	8.0	8.97	73.7	0.31*	4.54
Rep 2		7.82	8.0	8.97	73.7	N/A	4.52
Rep 3		7.82	8.0	8.96	73.7	N/A	4.49
Mean		7.813	8.0	8.966	73.7		4.516
Water Color	cloudy	Debris	∅	Oily sheen	∅	Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	14:11	7.78	8.0	6.27	73.6	0.05	1.06
Rep 2		7.79	8.0	6.27	73.6	N/A	<del>1.19</del>
Rep 3		7.80	8.0	6.26	73.6	N/A	<del>0.92</del>
Mean		7.79	8.0	6.266	73.6		1.056
Water Color	clear	Debris	∅	Oily sheen	∅	Odor	∅

Samplers name (Print):

John Luker

Signature:



Date 09/28/2012 Project Name MALIBU Lagoon Ocean Discharge

Sampler Name(s) Mark Abramson

Calibration pH (7 & 10)	Yes or no	Conductivity	1 mS or 10 mS	Lot # 12E100587	Exp date: 12-20-13
		Turbidity	1 NTU or 10 NTU	Lot # C251211	Exp date: 08-2013
Res. Chlorine Verification	std 1: 0.23	std 2: 0.91	std 3: 11.63	Lot # A2187A	Exp date: 07-2014

calibrated by (Print): Mark Abramson

Sign: M-K A

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA-INF	06:00	7.69	8.0	8.81	73.4	0.09	3.98
Rep 2		7.69	8.0	8.80	73.4	N/A	3.90
Rep 3		7.69	8.0	8.80	73.4	N/A	3.94
Mean		7.69	8.0	8.80	73.4	0.09	3.94
Water Color	Light Brown	Debris	none	Oily sheen	none	Odor	none

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA-EFF	06:30	7.71	8.0	6.29	73.5	0.07	1.19
Rep 2		7.70	8.0	6.27	73.5	N/A	1.27
Rep 3		7.70	8.0	6.28	73.5	N/A	1.31
Mean		7.70	8.0	6.28	73.5	0.07	1.26
Water Color	clear	Debris	none	Oily sheen	none	Odor	none

Samplers name (Print):	<u>Mark Abramson</u>	Signature:	<u>M-K A</u>
------------------------	----------------------	------------	--------------

Back flushing only 1 Sample Flow 500 cfs

800g PM

Date 10/11/12

Project Name MALIBU LAGOON

Sampler Name(s)

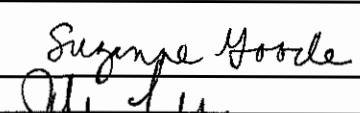
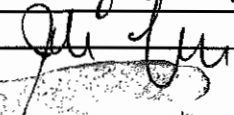
Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C251211</u>	Exp date: <u>08/13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.62</u>	Lot # <u>A2187A</u>	Exp date: <u>07/14</u>

calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>W1</u>	<u>13:55</u>	<u>7.91</u>	<u>8.0</u>	<u>9.57</u>	<u>74.4</u>	<u>0.06</u>	<u>4.48</u>
Rep 2		<u>7.95</u>	<u>8.0</u>	<u>9.58</u>	<u>74.3</u>	N/A	<u>4.46</u>
Rep 3		<u>7.96</u>	<u>8.0</u>	<u>9.56</u>	<u>74.4</u>	N/A	<u>4.53</u>
Mean		<u>7.94</u>	<u>8.0</u>	<u>9.57</u>	<u>74.33</u>		<u>4.49</u>
Water Color	<u>cloudy</u>	Debris <input checked="" type="checkbox"/>	Oily sheen <input checked="" type="checkbox"/>		Odor <input checked="" type="checkbox"/>		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>EFF</u>	<u>14:13</u>	<u>7.86</u>	<u>8.0</u>	<u>5.67</u>	<u>75.3</u>	<u>0.05</u>	<u>0.79</u>
Rep 2		<u>7.91</u>	<u>8.0</u>	<u>5.69</u>	<u>75.3</u>	N/A	<u>0.78</u>
Rep 3		<u>7.92</u>	<u>8.0</u>	<u>5.70</u>	<u>75.3</u>	N/A	<u>0.84</u>
Mean		<u>7.896</u>	<u>8.0</u>	<u>5.6866</u>	<u>75.3</u>		<u>0.8033</u>
Water Color	<u>clear</u>	Debris <input checked="" type="checkbox"/>	Oily sheen <input checked="" type="checkbox"/>		Odor <input checked="" type="checkbox"/>		

Samplers name (Print):	<u>Suzanne Goode</u>	Signature:	
	<u>John Laker</u>		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	15:00	7.99	8.0	9.70	75.1	0.17	4.50
Rep 2		8.01	8.0	9.70	75.1	N/A	4.58
Rep 3		8.01	8.0	9.70	75.1	N/A	4.50
Mean			8.0	9.70	75.1		
Water Color	cloudy	Debris $\emptyset$		Oily sheen $\emptyset$		Odor $\emptyset$	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF		7.89	8.0	6.39	75.3	0.02	0.67
Rep 2		7.93	8.0	6.43	75.3	N/A	0.65
Rep 3		7.94	8.0	6.43	75.4	N/A	0.72
Mean		7.92	8.0	6.4166	75.333		0.68
Water Color	clear	Debris $\emptyset$		Oily sheen $\emptyset$		Odor $\emptyset$	

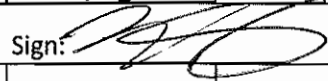
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	
Samplers_name (Print):	John Luker / Suzanne Goode			Signature:	[Signature] Suzanne Goode		

Date 10/2/12 Project Name MALIBU LAGOON

Sampler Name(s)

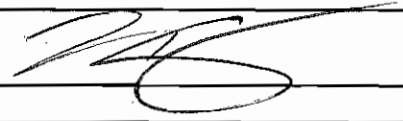
Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # 12E100587	Exp date: 12/20/13
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # C251211	Exp date: 08/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot # A2487A	Exp date: 07/14


calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - INF	08:10	7.93	8.0	8.11	70.9	0.12	3.72
Rep 2		7.93	8.0	8.05	70.9	N/A	3.95
Rep 3		7.94	8.0	8.02	70.8	N/A	3.75
Mean		7.93	8.0	8.00	70.9		3.81
Water Color	<u>CLEAR</u>	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - EFF	08:25	7.98	8.0	7.05	71.9	0.06	0.35
Rep 2		7.99	8.0	7.05	71.9	N/A	0.56
Rep 3		7.99	8.0	7.05	71.9	N/A	0.43
Mean		7.99	8.0	7.05	71.9		0.45
Water Color	<u>CLEAR</u>	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Samplers name (Print): NICK C. Signature: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	13:10	8.01	8.0	8.68	73.5	0.08	3.65
Rep 2		8.02	8.0	8.65	73.5	N/A	3.52
Rep 3		8.02	8.0	8.65	73.5	N/A	3.74
Mean		8.02	8.0	8.65	73.5		3.64
Water Color	LIGHT BROWN	Debris	✓	Oily sheen	✓	Odor	✓
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQL-EFF	13:17	7.97	8.0	7.01	73.9	0.07	0.43
Rep 2		7.97	8.0	7.00	73.9	N/A	0.36
Rep 3		7.98	8.0	7.02	73.9	N/A	0.30
Mean		7.97	8.0	7.01	73.9		0.36
Water Color	CLEAR	Debris	✓	Oily sheen	✓	Odor	✓
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean						N/A	
Water Color		Debris		Oily sheen		Odor	
Samplers name (Print):	NICK C.			Signature:			

Date 10/3/12 Project Name MAZIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # 12E100587	Exp date: 12/20/13
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # C251211	Exp date: 08/13
Res. Chlorine Verification	std 1: 0.24	std 2: 0.91	std 3: 1.63	Lot # A2187A	Exp date: 07/14

calibrated by (Print): NICK CHANG

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	10:00	7.83	8.1	8.31	71.3	0.11	3.59
Rep 2		7.85	8.1	8.30	71.3	N/A	3.32
Rep 3		7.86	8.1	8.29	71.3	N/A	3.29
Mean							
Water Color	<u>LIGHT TAN</u>	Debris	<u>ALGAE</u>	Oily sheen	<u>Ø</u>	Odor	<u>Ø</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQ1-EFF		7.90	8.1	7.20	71.6	0.10	0.65
Rep 2		7.91	8.1	7.21	71.6	N/A	0.56
Rep 3		7.91	8.1	7.23	71.6	N/A	0.69
Mean							
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - INF	13:30	7.93	7.9	8.76	72.0	0.12	4.38
Rep 2		7.93	8.0	8.80	72.0	N/A	4.14
Rep 3		7.93	8.0	8.76	72.0	N/A	4.29
Mean		7.93	8.0	8.76	72.0		
Water Color	CLEAR	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

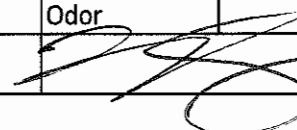
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - EFF	13:45	7.89	8.1	7.17	72.5	0.04	0.35
Rep 2		7.90	8.1	7.14	72.5	N/A	0.36
Rep 3		7.91	8.0	7.14	72.5	N/A	0.29
Mean		7.90	8.1	7.14	72.5		0.33
Water Color	CLEAR	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print):

NICK CHAN B

Signature:



Date

10/4/12

Project Name

MAYEU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # 12E100587	Exp date: 12/20/13
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # C251211	Exp date: 08/13
Res. Chlorine Verification	std 1: 0.25	std 2: 0.90	std 3: 1.62	Lot # A2187A	Exp date: 07/14

calibrated by (Print): NICK C.

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
		8.01	8.0	9.09	73.6	0.10	4.84
Rep 2		8.02	8.0	9.07	74.0	N/A	4.35
Rep 3		8.03	8.0	9.07	74.0	N/A	4.80
Mean							
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

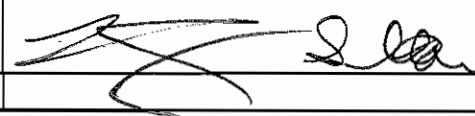
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
		8.03	8.1	8.75	73.1	0.07	0.10 0.43
Rep 2		8.03	8.1	8.74	73.1	N/A	0.11
Rep 3		8.03	8.1	8.78	73.1	N/A	0.14
Mean							
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Samplers name (Print):

NICK C.

Steve Harrison

Signature:



Date 10/5/12

Project Name MALIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 0 mS	Lot # 12E100587	Exp date: 12/20/13
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # C251211	Exp date: 08/13
Res. Chlorine Verification	std 1: 0.24	std 2: 0.91	std 3: 1.64	Lot # A2187A	Exp date: 07/14

calibrated by (Print): J. Luke

Sign: [Signature]

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INF	10:41	7.64	7.4	10.61	70.3	0.09	4.39
Rep 2		7.68	7.3	10.5	70.3	N/A	4.27
Rep 3		7.70	7.4	10.47	70.3	N/A	4.26
Mean		7.673	7.366	10.526	70.3		4.306
Water Color	<u>slightly cloudy</u>	Debris <input checked="" type="checkbox"/>	Oily sheen <input checked="" type="checkbox"/>		Odor <input checked="" type="checkbox"/>		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFF	11:10	7.74	7.74	7.48	70.9	0.00	0.93
Rep 2		7.74	7.74	7.42	70.9	N/A	0.88
Rep 3		7.74	7.74	7.43	70.9	N/A	0.84
Mean		7.74	7.74	7.443	70.9		0.883
Water Color	<u>clear</u>	Debris <input checked="" type="checkbox"/>	Oily sheen <input checked="" type="checkbox"/>		Odor <input checked="" type="checkbox"/>		

Samplers name (Print): John Luke Signature: [Signature]



Date 10/18/12 Project Name MALIBU LAGOON

Sampler Name(s)

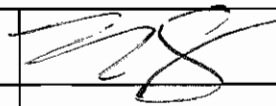
Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>12E100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C25/211</u>	Exp date: <u>08/13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.90</u>	std 3: <u>1.66</u>	Lot # <u>A2187A</u>	Exp date: <u>07/14</u>

calibrated by (Print): NICK C.

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-WF</u>	<u>07:45</u>	<u>8.15</u>	<u>7.4</u>	<u>7.98</u>	<u>66.8</u>	<u>0.02</u>	<u>2.82</u>
Rep 2		<u>8.19</u>	<u>7.4</u>	<u>8.0</u>	<u>66.8</u>	N/A	<u>2.77</u>
Rep 3		<u>8.21</u>	<u>7.4</u>	<u>7.98</u>	<u>66.7</u>	N/A	<u>3.03</u>
Mean							
Water Color	<u>LIGHT TAN / BRN</u>	Debris	<u>PLANT MATTER</u>	Oily sheen		Odor	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-CAF</u>	<u>07:55</u>	<u>8.11</u>	<u>7.4</u>	<u>6.97</u>	<u>67.9</u>	<u>0.01</u>	<u>0.63</u>
Rep 2		<u>8.13</u>	<u>7.4</u>	<u>7.0</u>	<u>67.9</u>	N/A	<u>0.86</u>
Rep 3		<u>8.14</u>	<u>7.4</u>	<u>7.01</u>	<u>67.9</u>	N/A	<u>.96</u>
Mean							
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): NICK C. Signature: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - INF	13:10	8.14	7.4	8.54	72.6	0.09	4.65
Rep 2		8.19	7.4	8.57	72.6	N/A	4.91
Rep 3		8.20	7.4	8.61	72.7	N/A	5.20
Mean		8.18	7.4	8.57	72.6		
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQI - EFF	13:30	8.1	7.4	7.4	71.4	0.07	0.65
Rep 2		8.13	7.4	7.37	71.4	N/A	0.76
Rep 3		8.14	7.4	7.39	71.4	N/A	0.75
Mean			7.4		71.4		
Water Color	CLEAR	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

10-09-2012 Cal. Log

CALIBRATION PH 7 & 10 (Y) or N

RES. CHLORINE VERIFICATION: STD1: 0.73 / STD2: 0.91 / STD3: 1.66

CONDUCTIVITY: 1MS OR (COM)  
TURBIDITY: 1NTU OR (CONTU)

LOT#: 12E100587

LOT#: C251211

LOT#: A2187A

EXP DATE: 12/20/13

EXP DATE: 08/13

EXP DATE: 07/14

MANUSKRIPT

10/9/12 26 1/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	08:33	8.05	7.4	8.34	64.8	.06	10.34
Rep 2		8.1	7.4	8.31	64.8	N/A	11.2
Rep 3		8.12	7.4	8.31	64.8	N/A	11.5
Mean							
Water Color	Debris		Oily sheen		Odor		

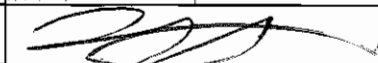
Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQI-EFF		8.11	7.5	5.85	66.9	.04	1.52
Rep 2		8.14	7.5	5.82	66.9	N/A	1.29
Rep 3		8.15	7.5	5.82	66.9	N/A	1.47
Mean							
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean		0	0	0	0	N/A	0
Water Color	Debris		Oily sheen		Odor		

Samplers name (Print):

NICK C. ALAY

Signature:



CALIBRATION PH 7910 ④ or N

RES CHLORINE VERIFICATION: STD1: 0.25 / STD2: 0.90 / STD3: 1.65

CONDUCTIVITY: 1 MS OR (10 MS)  
TURBIDITY: 1 NTU OR (10 NTU)

EXP DATE: 12/20/13  
EXP DATE: 08/13  
EXP DATE: 07/14

10-10-2012 Cal. Log

J. King 10/10/12 pg 106

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
INFLUENT	11:45	7.88	7.4	8.63	70.1	0.07	6.35
Rep 2		7.87	7.5	8.78	70.1	N/A	6.36
Rep 3		7.87	7.5	8.78	70.1	N/A	7.00
Mean							
Water Color	lt. brown	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
EFFLUENT	12:15	7.80	7.5	6.63	68.0	<del>0.13</del> 0.07	21.7
Rep 2		7.80	7.5	6.58	68.0	N/A	20.0
Rep 3		7.80	7.5	6.48	68.0	N/A	21.0
Mean							
Water Color	lt. cloudy	Debris	Ø	Oily sheen	Ø	Odor	Ø

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): J. King & N. Signature: [Signature]

Note re-sampled chlorine as original sample right after valve refilled after pump stop JK

N. CHANG

*[Handwritten signature]*

10/10/12

pg 2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA- WF	15:17	7.90	7.6	9.39	75.3	0.03	6.55
Rep 2		7.96	7.6	9.3	75.2	N/A	6.41
Rep 3		7.99	7.6	9.37	75.2	N/A	6.35
Mean		7.95	7.6	9.35	75.2		6.44
Water Color	MURKY TAN	Debris	<i>[check]</i>	Oily sheen	<i>[check]</i>	Odor	<i>[check]</i>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQA- EF	15:40	7.83	7.6	7.17	73.1	0.06	2.61
Rep 2		7.86	7.6	7.07	73.2	N/A	2.48
Rep 3		7.87	7.6	7.14	73.2	N/A	2.38
Mean		7.85	7.6	7.13	73.2		2.49
Water Color	<i>[check]</i>	Debris	<i>[check]</i>	Oily sheen	<i>[check]</i>	Odor	<i>[check]</i>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): N. CHANG Signature: *[Handwritten signature]*

CALIBRATION 7 3/10 (P) OR N

RES CHLORINE VERIFICATION: STD 1: 0.26 | STD 2: 0.91 | STD 3: 1.66

CONDUCTIVITY: 1 MS OR 10 MS

TURBIDITY: 1 NTU OR 10 NTU

EXP DATE: 12/20/13  
EXP DATE: 08/13  
EXP DATE: 07/14

10-11-2012 Cal. Log

N. CHANG

10/11/12

pg 1/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-INF	07:51	8.04	7.6	7.8	63.2	0.03	8.08
Rep 2		8.08	7.6	7.81	63.0	N/A	7.43
Rep 3		8.10	7.6	7.81	62.9	N/A	7.55
Mean		8.6	7.6	7.81	63	0.03	7.68
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA-PRF	8:34	8.10	7.6	6.64	64.8	0.06	1.17
Rep 2		8.09	7.6	6.67	64.8	N/A	1.25
Rep 3		8.11	7.6	6.65	64.8	N/A	1.18
Mean		8.10	7.6	6.66	64.8	0.06	1.2
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color	Debris		Oily sheen		Odor		

Samplers name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

N CHANG

10/11/12

PG 2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M002A_INF	13:26	8.15	7.3	9.30	12.8	0.08	7.85
Rep 2		8.15	7.7	9.22	12.8	N/A	8.23
Rep 3		8.16	7.7	9.26	12.7	N/A	7.71
Mean							
Water Color	MURKY TAN	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
M001_INF	13:35	8.05	7.6	6.54	10.3	0.12	0.48
Rep 2		8.06	7.6	6.53	10.3	N/A	0.24
Rep 3		8.06	7.7	6.50	10.3	N/A	0.34
Mean							
Water Color	CLEAR	Debris	<input checked="" type="checkbox"/>	Oily sheen	<input checked="" type="checkbox"/>	Odor	<input checked="" type="checkbox"/>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color		Debris		Oily sheen		Odor	

Samplers name (Print): N CHANG Signature: 

Date 10/12/12 Project Name MAZIBU LAGOON

Sampler Name(s) Charlie P. & Andy Bearer

Calibration <u>pH 7 &amp; 10</u>	<u>Yes</u> or no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E 100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C25 1211</u>	Exp date: <u>8/20/13</u>
Res. Chlorine Verification	std 1: <u>.23</u>	std 2:	std 3:	Lot # <u>AZ1 87A</u>	Exp date: <u>07/14</u>

calibrated by (Print): ANDY BEARER + CHARLIE P. Sign: Andy Bearer

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQAA INF.</u>	<u>3:30PM</u>	<u>8.41</u>	<u>8.6</u>	<u>11.91</u>	<u>71.8</u>	<u>N/A</u>	<u>9.18</u>
Rep 2		<u>8.41</u>	<u>8.6</u>	<u>11.99</u>	<u>71.8</u>	<u>N/A</u>	<u>9.18</u>
Rep 3		<u>8.42</u>	<u>8.6</u>	<u>11.99</u>	<u>72</u>	<u>N/A</u>	<u>9.18</u>
Mean							
Water Color	<u>cloudy</u>	Debris	<u>∅</u>	Oily sheen	<u>∅</u>	Odor	<u>∅</u>

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MQAA EFF.</u>	<u>3:00PM</u>	<u>8.05</u>	<u>8.5</u>	<u>8.26</u>	<u>72.4</u>	<u>0.01</u>	<u>4.63</u>
Rep 2		<u>8.10</u>	<u>8.5</u>	<u>8.26</u>	<u>72.4</u>	<u>N/A</u>	<u>4.52</u>
Rep 3		<u>8.12</u>	<u>8.5</u>	<u>8.24</u>	<u>72.5</u>	<u>N/A</u>	<u>4.10</u>
Mean							
Water Color	<u>∅</u>	Debris	<u>little cloudy</u>	Oily sheen	<u>∅</u>	Odor	<u>∅</u>

Samplers name (Print): JAMES KING ANDY BEARER Signature: Andy Bearer

Date

10/15/12

Project Name

MALIBU LAGOON

Sampler Name(s)

Calibration (pH & 10)	Yes or no	Conductivity	1 mS or 10 mS	Lot # 12E 100587	Exp date: 12/20/13
		Turbidity	1 NTU or 10 NTU	Lot # C25 1211	Exp date: 08/20/13
Res. Chlorine Verification	std 1: 0.24	std 2: 0.90	std 3: 1.63	Lot # A2187A	Exp date: 07/14

calibrated by (Print): ANDY BEARER JACK DULEY

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQAA INFLUENT	3:15 PM	8.36	8.7	13.05	75.6	0.06	15.4
Rep 2		8.37	8.7	13.00	75.6	N/A	15.1
Rep 3		8.38	8.7	13.02	75.6	N/A	15.6
Mean							
Water Color	cloudy	Debris	some	Oily sheen	∅	Odor	slight

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQAA EFFLUENT	3:45	8.12	8.9	5.48	74.0	0.06	1.25
Rep 2		8.11	8.9	5.42	74.0	N/A	1.30
Rep 3		8.11	8.9	5.44	74.1	N/A	1.22
Mean							
Water Color	clear	Debris	∅	Oily sheen	∅	Odor	∅

Samplers name (Print):

ANDY BEARER JACK DULEY

Signature:

Andy Bearer

WATER SYSTEM FLOW: 400 g/m

Jack Duley

PH 7: LOT # F2-WC501116 EXP DATE: 01/13

PH 10: LOT # E2-WC501064 EXP DATE: 01/13

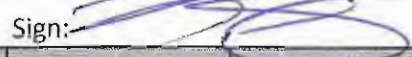
Date 10/16/12

Project Name MALIBU LAEON

Sampler Name(s)

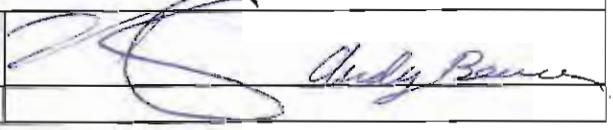
Calibration pH 7 & 10	Yes or no	Conductivity	1 mS or 10 mS	Lot # 12F 100 581	Exp date: 12/20/13
		Turbidity	1 NTU or 10 NTU	Lot # 0251211	Exp date: 08/20/13
Res. Chlorine Verification	std 1: 0.23	std 2: 0.90	std 3: 1.63	Lot # A2187A	Exp date: 07/14

calibrated by (Print): NICK CHAND

Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQGA - INF	07:23	7.79	8.0	6.27	66.5	0.02	12.3
Rep 2		7.85	8.0	6.21	66.4	N/A	12.0
Rep 3		7.86	8.1	6.19	66.4	N/A	13.0
Mean							
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQ21 - EFF		7.83	8.0	6.29	67.1	0.03	1.52
Rep 2		7.85	8.0	6.20	67.0	N/A	0.84
Rep 3		7.87	8.0	6.21	67.0	N/A	0.80
Mean							
Water Color	Debris		Oily sheen		Odor		

Samplers name (Print):	NICK C.	ANDY BEARER	Signature:	
------------------------	---------	-------------	------------	---

FLOW RATE: 530-600 g/m.

PH 7 LOT #: F2-WLS0106 EXPIRE: 1/13  
 PH 10 LOT #: E2WL501064 EXPIRE: 1/13

Date 10/17/12

Project Name MALIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>C251211</u>	Exp date: <u>08/20/13</u>
Res. Chlorine Verification	std 1: <u>0.23</u>	std 2: <u>0.40</u>	std 3: <u>1.64</u>	Lot # <u>AZ187A</u>	Exp date: <u>07/14</u>

calibrated by (Print): NICK C.

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MDRA-INF</u>	<u>07:35</u>	<u>7.92</u>	<u>7.9</u>	<u>7.61</u>	<u>66.8</u>	<u>0.01</u> <u>0.007</u>	<u>10.79</u>
Rep 2		<u>7.98</u>	<u>7.8</u>	<u>7.64</u>	<u>66.8</u>	N/A	<u>10.2</u>
Rep 3		<u>7.99</u>	<u>7.8</u>	<u>7.62</u>	<u>66.7</u>	N/A	<u>11.41</u>
Mean							
Water Color: <u>LIGHT BROWN</u>	Debris	<u>0</u>	Oily sheen	<u>0</u>	Odor	<u>0</u>	

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
<u>MDRI-EFF</u>	<u>07:40</u>	<u>7.84</u>	<u>7.9</u>	<u>4.53</u>	<u>68.4</u>	<u>0.06</u>	<u>5.22</u>
Rep 2		<u>7.87</u>	<u>7.9</u>	<u>4.5</u>	<u>68.4</u>	N/A	<u>4.89</u>
Rep 3		<u>7.89</u>	<u>7.9</u>	<u>4.53</u>	<u>68.4</u>	N/A	<u>5.27</u>
Mean							
Water Color: <u>CLEAR</u>	Debris	<u>0</u>	Oily sheen	<u>0</u>	Odor	<u>0</u>	

Samplers name (Print): NICK C. Felix Cottodi Signature:

PH 7 LOT #: F2-WLS0116 EXP DATE: 11/13  
 PH 10 LOT #: F2WLS01064 EXP DATE: 11/13

150 GPM

Date 10/18/12

Project Name MALIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	<input checked="" type="radio"/> Yes or <input type="radio"/> no	Conductivity	1 mS or <input checked="" type="radio"/> 10 mS	Lot # <u>12E100581</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <input checked="" type="radio"/> 10 NTU	Lot # <u>C251211</u>	Exp date: <u>08/20/13</u>
Res. Chlorine Verification	std 1: <u>0.25</u>	std 2: <u>0.89</u>	std 3: <u>1.62</u>	Lot # <u>A2187A</u>	Exp date: <u>07/14</u>

calibrated by (Print): NICK C.

Sign:

Site ID	Time 24 hr	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Temperature (F)	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M009-INF</u>	<u>10:40</u>	<u>7.72</u>	<u>8.4</u>	<u>6.08</u>	<u>69.8</u>	<u>0.04</u>	<u>17.4</u>
Rep 2		<u>7.74</u>	<u>8.4</u>	<u>6.03</u>	<u>69.8</u>	N/A	<u>16.7</u>
Rep 3		<u>7.75</u>	<u>8.4</u>	<u>6.01</u>	<u>69.8</u>	N/A	<u>16.7</u>
Mean		<u>7.73</u>	<u>8.4</u>	<u>6.04</u>	<u>69.8</u>		<u>16.93</u>
Water Color <u>cloudy</u>	Debris <u>sample</u>		Oily sheen <u>7</u>		Odor <u>0</u>		

Site ID	Time 24 hr	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Temperature (F)	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>11:09</u>	<u>7.64</u>	<u>8.5</u>	<u>4.54</u>	<u>70.2</u>	<u>.05</u>	<u>2.26</u>
Rep 2		<u>7.68</u>	<u>8.5</u>	<u>4.53</u>	<u>70.2</u>	N/A	<u>2.26</u>
Rep 3		<u>7.70</u>	<u>8.5</u>	<u>4.53</u>	<u>70.2</u>	N/A	<u>2.13</u>
Mean		<u>7.673</u>	<u>8.5</u>	<u>4.533</u>	<u>70.2</u>		<u>2.216</u>
Water Color <u>0</u>	Debris <u>0</u>		Oily sheen <u>0</u>		Odor <u>0</u>		

Samplers name (Print): John Luker Signature:

450 GPM

10-18-12 PS-2/2

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - INF	11:40	7.74	8.5	6.23	70.4	0.04	13.0
Rep 2		7.77	8.5	6.21	70.4	N/A	12.7
Rep 3		7.78	8.5	6.20	70.4	N/A	13.2
Mean		7.763	8.5	6.213	70.4		12.966
Water Color cloudy	Debris cloudy		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
MQQA - EFF	12:14	7.56	8.5	3.20	71.0	0.04	0.92
Rep 2		7.65	8.5	3.19	71.0	N/A	1.15
Rep 3		7.67	8.5	3.19	71.0	N/A	1.30
Mean		7.626	8.5	3.193	71.0		1.123
Water Color	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Disolved Oxygen mg/L	Temperature F	Residual Chlorine (ppm)	Turbidity (NTU)
Rep 2						N/A	
Rep 3						N/A	
Mean			0	0	0	N/A	0
Water Color	Debris		Oily sheen		Odor		
Samplers name (Print):	John Luker			Signature:		[Signature]	




PH 7 LOT#: F2-WC501116 EXP DATE: 1/13  
 PH 10 LOT#: E2-WC501064 EXP DATE: 1/13




Date 10/19/12 Project Name MALIBU LAGOON

Sampler Name(s)

Calibration pH 7 & 10	Yes <input checked="" type="radio"/> or no <input type="radio"/>	Conductivity	1 mS or <u>10 mS</u>	Lot # <u>12E100587</u>	Exp date: <u>12/20/13</u>
		Turbidity	1 NTU or <u>10 NTU</u>	Lot # <u>6251211</u>	Exp date: <u>08/20/13</u>
Res. Chlorine Verification	std 1: <u>0.24</u>	std 2: <u>0.90</u>	std 3: <u>1.63</u>	Lot # <u>A2187A</u>	Exp date: <u>07/14</u>

calibrated by (Print): NICK CHANG Sign: 

Site ID	Time 24 hr	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Temperature (F)	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M00A-1NE</u>	<u>07:36</u>	<u>7.63</u>	<u>8.3</u>	<u>7.62</u>	<u>69.1</u>	<u>0.05</u>	<u>8.89</u>
Rep 2		<u>7.72</u>	<u>8.3</u>	<u>7.58</u>	<u>69.0</u>	N/A	<u>8.96</u>
Rep 3		<u>7.74</u>	<u>8.3</u>	<u>7.58</u>	<u>69.0</u>	N/A	<u>8.96</u>
Mean							
Water Color: <u>LT. TAN</u>	Debris		Oily sheen		Odor		

Site ID	Time 24 hr	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Temperature (F)	Residual Chlorine (ppm)	Turbidity (NTU)
<u>M001-EFF</u>	<u>08:00</u>	<u>7.66</u>	<u>8.3</u>	<u>6.77</u>	<u>70.2</u>	<u>0.05</u>	<u>3.46</u>
Rep 2		<u>7.74</u>	<u>8.3</u>	<u>6.72</u>	<u>70.1</u>	N/A	<u>3.58</u>
Rep 3		<u>7.77</u>	<u>8.3</u>	<u>6.69</u>	<u>70.1</u>	N/A	<u>3.45</u>
Mean							
Water Color: <u>CLEAR</u>	Debris		Oily sheen		Odor		

Samplers name (Print): NICK C. Signature: 