MALIBU GARDENS

Effluent Pump Station Lower Area Tank

Analytical Test Results	Date of Sampling																							
	January 20, 2009	February 26, 2009	March 27, 2009	April 23, 2009	May 27, 2009	June 25, 2009	July 24, 2009	August 29, 2009	September 24, 2009	October 29, 2009	November 25, 2009	December 30, 2009	January 28, 2010	February 26, 2010	March 25, 2010	April 22, 2010	May 28, 2010	June 24, 2010	July 23, 2010	August 20, 2010	September 24, 2010	October 22, 2010	November 19, 2010	December 17, 2010
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	21.1	20.7	20.8	19.4	23	23.5	21.5	27.5	27.5	23.2	22.9	19	21.1	21.2	20.3	21.6	23.3	24.3	22.6	25.8	24.1	24.2	22.2	18.9
pH (units)	7.78	7.65		7.75	7.78	7.7	7.41	7.83			7.55	7.86	7.47	7.77	7.07	7.66	7.67	7.72	7.43	7.5	7.5	7.72	7.16	
Conductivity (umhos/cm)	1044	1185	1207	1284	1296	1281	1078	1240	1118	1235	1118	1182	1076	1440	1371	1199	1223	1166	1023	1044	1161	1202	1038	926
Oxygen, Dissolved (mg/L)	2.21	3.74	5.32	5.78	5.58	5.29	6.09	1.34	5.8	3.87	3.11	6.51	1.43	3.3	0.16	2.29	3.25	1.6	2.39	2.77	1.83	3.25	2.51	0.27
Ammonia-N (mg/L)	28	25	6.7	25	49	27	11.5	21.5	26	28.9	31	32	24	28	37	41.2	26	24	20.2	15.8	16.7	37.9	26.6	18.6
BOD (mg/L)	85.7	29.6		33.7	18.8	24	11.8	51.1			41.7		97.2	49.9	94.9	58.5	55.3	60.7	22.1	43.1	33.3	20.1	59.2	
BOD-Soluble (mg/L)	9	5.8	4.53	7.1	4.6	2.2	2.4	8.32	3.5	4.8	8.12	5.04	10.4	9.2	16.7	11	10.2	10.3	14.7	10	9.21	5.78	7.18	9.4
Nitrate (mg/L)	ND	ND	ND	ND	ND	0.7	0.4	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.5	ND
Nitrite (mg/L)	ND	ND	ND	ND	ND	29.9	24.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrogen, Total Kjeldahl (mg/L)	40	50	75	87	34	33	27	30	22	63	31	37	24	36	46	41	30	41	22	42	42	41	29	24
Oil and Grease (mg/L)	8	4	5	7	ND	3	3	7	3	7	4	16	5	20	5	3	5	9	4	3	8	5	4	11
Solids, Total Suspended (TSS) (mg/L)	41	19		20	26	15	12	17			13		18	21	13	27	16	10	10	14	22	25	23	
Turbidity (NTU)	21.3	9.2	8.9	7.3	0.4	8.1	7.8	29.1	10.1	21	18.3	11.5	25	32.4	75.2	30.3	28.2	32.2	11.4	20.2	13.1	12.5	23.9	27.8
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	500	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	816	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	186	>2420	>2420	>2420	>2420	>2420

MALIBU GARDENS

Effluent Pump Station Lower Area Tank

Analytical Test Results	Date of Sampling																							
	January 28, 2011	February 18, 2011	March 25, 2011	April 29, 2011	May 27, 2011	June 24, 2011	July 29, 2011	August 26, 2011	September 30, 2011	October 21, 2011	November 21, 2011	December 23, 2011												
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	19.3	19.2	19.7	22	22.2	23.7	24.7	25.2	24.9	24	21.5	20.4												
pH (units)	7.21	7.74	7.47		7.66	7.71	7.54	7.66	7.64	7.46	7.68	7.69												
Conductivity (umhos/cm)	820	1078	1063	1037	1053	1161	1187	1081	1162	1135	1069	1072												
Oxygen, Dissolved (mg/L)	1.89	2.78	2.36	2.38	3	3.75	3.62	1.47	3.3	1.98	3.05	3.74												
Ammonia-N (mg/L)	14.7	40.1	31.7	27.3	29.8	32	32.5	29.5	33	34.2	27.2	21.9												
BOD (mg/L)	60.5		63.9		53.7	38.6	48.4	66.4	52	62	43.8	24.7												
BOD-Soluble (mg/L)	14.3	12.8	9.52	18	11.7	6.74	7.94	22.9	8.6	10.4	5.1	5.1												
Nitrate (mg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8												
Nitrite (mg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
Nitrogen, Total Kjeldahl (mg/L)	24	39	33	20	37	36	47	29	32	44	51	43												
Oil and Grease (mg/L)	15	11	9	8	5	5	6	7	5	3	ND	3												
Solids,Total Suspended (TSS) (mg/L)	83		41		20	25	16	18	73	36	50	33												
Turbidity (NTU)	14	24.6	31.9	38.1	31.6	19.1	31.9	32.2	27.3	29	23.8	25												
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420												

MALIBU GARDENS
6,000 Gallon Tank Upper Area

Analytical Test Results	Date of Sampling																							
	January 20, 2009	February 26, 2009	March 27, 2009	April 23, 2009	May 27, 2009	June 25, 2009	July 24, 2009	August 29, 2009	September 24, 2009	October 29, 2009	November 25, 2009	December 30, 2009	January 28, 2010	February 26, 2010	March 25, 2010	April 22, 2010	May 28, 2010	June 24, 2010	July 23, 2010	August 20, 2010	September 24, 2010	October 22, 2010	November 19, 2010	December 17, 2010
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	21.2	20.9	21.1	22.8	21.8	22.4	23.4	24.4	24.9	22.6	22.5	19.7	22	21	20.2	20.4	23.9	22.2	21.8	24.5	22.7	23.2	21.6	19.2
pH (units)	7.66	7.43	7.39	7.28	7.47	7.56	7.36	7.38	7.53	7.34	7.45	7.54	7.57	7.78	7.64	7.6	7.71	7.41	7.47	7.34	7.62	7.47	7.34	7.69
Conductivity (umhos/cm)	9.86	960	957	967	898	948	766	908	806	869	870	1030	971	1320	1198	1031	1185	845	958	757	868	897	869	1138
Oxygen, Dissolved (mg/L)	5.61	5.46	3.88	3.54	4.64	6.51	6.31	5.94	6.15	5.01	6.35	4.79	3.87	3.53	1.89	4.47	4.21	7.25	5.47	4.69	5.98	1.98	4.66	4.87
Ammonia-N (mg/L)	12	5	8	9.1	11	9.2	0.4	2.6	1.2	9.2	13	17	14	29	18	19.2	30	ND	19.3	5.6	12.4	16.3	10.9	28.7
BOD (mg/L)	49.3	30	76.2	36.9	45.2	48.6	10.4	20.5	19.6	56.8	47.8	42.9	38.8	32	81.6	92.3	446	ND	19.1	46.2	10.4	23.8	24	31.3
BOD-Soluble (mg/L)	4.42	2.1	2.07	3.8	2.1	ND	ND	ND	ND	4	2.6	7.16	3.3	5.2	5.5	1.76	5.3	ND	2.9	4.3	3.4	13.1	4.55	6.98
Nitrate (mg/L)	2.1	3.4	4.2	2.3	2.3	5.3	16.4	10.5	16.8	3.5	10.4	0.9	1.5	ND	ND	4.6	ND	16.6	2.2	7.5	2.4	0.5	4.4	0.5
Nitrite (mg/L)	0.6	2.1	5	1.8	3	4.3	2.1	9.2	3.7	4.8	5	10.5	ND	ND	ND	ND	0.5	ND	0.5	0.7	1.2	ND	1.3	ND
Nitrogen, Total Kjeldahl (mg/L)	50	28	86	17	15	12	2	4	3	16	18	24	21	35	21	24	33	2	22	11	18	20	13	43
Oil and Grease (mg/L)	7	4	10	13	3	ND	ND	6	3	6	4	13	ND	18	3	ND	3	ND	ND	ND	7	7	4	4
Solids,Total Suspended (TSS) (mg/L)	18	12	20	13	17	2	3	5	3	6	4	9	9	6	11	7	37	ND	7	8	3	4	3	30
Turbidity (NTU)	19	20.8	22.3	10.2	10.2	3	2.9	12.1	5.6	14.9	8.6	15.1	22	37.5	60.3	29.6	31.3	2.2	15.9	17.7	6.6	15.6	8.4	25.2
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	900	>1600	>1600	>1600	>1600	>1600	>1600
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	79	>2420	>2420	>2420	173	>2420	>2420

MALIBU GARDENS
6,000 Gallon Tank Upper Area

Analytical Test Results	Date of Sampling																							
	January 28, 2011	February 18, 2011	March 25, 2011	April 29, 2011	May 27, 2011	June 24, 2011	July 29, 2011	August 26, 2011	September 30, 2011	October 21, 2011	November 21, 2011	December 23, 2011												
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	20.2	20.5	20.7	23.7	23.6	22.2	24.3	23.8	23.6	22	20.9	19.2												
pH (units)	7.25	7.85	7.77	7.34	7.94	7.43	7.64	7.8	7.32	7.34	7.33	7.42												
Conductivity (umhos/cm)	854	1214	1267	1188	1265	963	1115	985	914	954	802	838												
Oxygen, Dissolved (mg/L)	5.03	5.27	5.88	4.38	5.3	5.42	5.31	5.27	4.85	5.7	6.3	6.01												
Ammonia-N (mg/L)	10.8	50.1	45.8	37.9	36.7	19.5	28.8	19.4	17.7	19.8	8.6	10.1												
BOD (mg/L)	32.5	29	26.1	33.2	43.6	58.5	21.3	29.2	30.1	31.5	17.3	22.9												
BOD-Soluble (mg/L)	2.4	4.4	4.22	3.9	4.4	6.63	4.5	4.25	ND	2.7	3.6	3												
Nitrate (mg/L)	3.4	ND	0.5	ND	ND	4.1	ND	0.8	2.8	2.1	5.1	3.2												
Nitrite (mg/L)	0.4	ND	ND	ND	ND	1.3	1.1	ND	0.7	1	0.7	0.8												
Nitrogen, Total Kjeldahl (mg/L)	20	47	48	36	41	21	28	20	11	25	18	23												
Oil and Grease (mg/L)	6	4	7	4	6	5	6	6	4	ND	ND	3												
Solids,Total Suspended (TSS) (mg/L)	6	38	22	31	8	6	9	4	11	4	3	3												
Turbidity (NTU)	16.5	22.6	20.2	29.4	17.1	40	12.8	8.4	19.3	25.1	5.3	10.2												
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420												

MALIBU GARDENS

8,000 Gallon Tank Upper Area

Analytical Test Results	Date of Sampling																							
	January 20, 2009	February 26, 2009	March 27, 2009	April 23, 2009	May 27, 2009	June 25, 2009	July 24, 2009	August 28, 2009	September 24, 2009	October 29, 2009	November 25, 2009	December 30, 2009	January 28, 2010	February 26, 2010	March 25, 2010	April 22, 2010	May 28, 2010	June 24, 2010	July 23, 2010	August 20, 2010	September 24, 2010	October 22, 2010	November 19, 2010	December 17, 2010
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	22.6	21.4	23	25	23.1	24	25.3	26.8	27.9	22.2	23.3	19.6	22.2	22.2	21.2	21.2	22.2	23.5	23.6	24.8	24	24.1	23	19.3
pH (units)	7.73	7.89	7.56	7.81	7.38	7.65	7.75	7.65	7.75	7.63	7.61	7.6	7.66	7.96	8.07	7.83	7.6	7.64	7.69	7.48	7.78	7.87	7.7	7.68
Conductivity (umhos/cm)	1150	1152	1215	1211	1042	1167	1117	1106	1181	1167	1203	879	1071	1402	1273	1216	1001	1209	1180	1169	1173	1151	1220	1009
Oxygen, Dissolved (mg/L)	3.73	4.2	1.36	1.97	3.5	4.75	5.08	4.67	4.66	4.2	5	5.96	3.27	4.2	6.79	5.17	5.26	4.25	4.1	3.73	4.97	4.13	5.16	5.9
Ammonia-N (mg/L)	21	7	19	18	16	26	17.3	12.5	21.1	1.2	18	10.1	18	20	36.7	40	16	32	34.3	20.7	31	38.3	31.6	12.3
BOD (mg/L)	95.6	62.2	54.1	89.8	96.5	89.9	56.9	42.9	53.6	25.1	29.8	50.3	42.4	24.8	53.8	38.8	53.3	25.7	24.9	44.6	81.8	21.6	47.4	18.3
BOD-Soluble (mg/L)	6.31	4.1	3.44	2.3	3.8	4.6	3.6	3	5	4	11.8	7.6	14.5	3.5	3.8	4.36	3.5	6.1	3.9	6.3	6.7	2.44	6.68	4.1
Nitrate (mg/L)	ND	ND	ND	ND	13.5	ND	ND	3.4	ND	ND	ND	4.9	ND	ND	1.3	ND	2.5	ND	ND	ND	ND	ND	0.5	3.5
Nitrite (mg/L)	0.5	1.6	0.7	7.7	20.1	3	5.7	19.7	0.4	1.3	ND	1.5	ND	0.6	1.3	ND	ND	ND	0.7	2	0.7	0.6	1.2	0.6
Nitrogen, Total Kjeldahl (mg/L)	40	38.5	54	98	26	40.2	30	17	28	78	40	12	24	26	44	58	26	43	48	42	43	45	41	20
Oil and Grease (mg/L)	7	3	8	10	5	6	3	ND	4	6	4	14	4	18	4	ND	4	3	ND	ND	4	7	3	ND
Solids,Total Suspended (TSS) (mg/L)	110	46	60	30	90	40	45	15	60	23	20	2	28	6	8	34	4	9	10	30	9	7	26	3
Turbidity (NTU)	34.3	26.2	30.1	18.2	8.4	20.7	23.8	18.6	21.8	28	17.2	10.3	42	18.3	17	50	27.8	26.5	15.2	30	21.1	15.8	23.4	10.4
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420

MALIBU GARDENS

8,000 Gallon Tank Upper Area

Analytical Test Results	Date of Sampling																							
	January 28, 2011	February 18, 2011	March 25, 2011	April 29, 2011	May 27, 2011	June 24, 2011	July 29, 2011	August 26, 2011	September 30, 2011	October 21, 2011	November 21, 2011	December 23, 2011												
Testing Laboratory	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*	*FGL*
Constituent																								
Temperature (°C)	21.7	19	18.8	21.5	21.5	23.5	22.9	25.1	26	23.6	21.8	18.7												
pH (units)	7.9	7.63	7.43	7.56	7.62	7.75	7.41	7.68	7.74	7.21	7.56	7.22												
Conductivity (umhos/cm)	1176	802	823	870	846	1150	839	1130	1069	1035	951	849												
Oxygen, Dissolved (mg/L)	5.3	6.11	6.52	6.38	6.18	5.37	5.34	2.56	4.03	4.96	4.09	6.04												
Ammonia-N (mg/L)	30.2	10.8	13.1	17.8	18.3	29.8	8.4	30.3	31.8	26.7	22.8	15.5												
BOD (mg/L)	21.2	20.6	28.5	24.7	15.3	32.2	11.7	53.8	27.4	33	16.8	24.4												
BOD-Soluble (mg/L)	6.2	2.5	3.32	2.5	2.1	4.81	2.1	ND	3.6	5.4	3.4	5.1												
Nitrate (mg/L)	ND	5.8	2.9	3	1.9	ND	5	ND	ND	ND	ND	ND												
Nitrite (mg/L)	ND	1.7	ND	1.3	0.3	0.3	1.9	ND	ND	ND	ND	ND												
Nitrogen, Total Kjeldahl (mg/L)	38	12	19	14	21	32	24	30	17	39	39	30												
Oil and Grease (mg/L)	4	ND	7	4	8	5	3	5	5	ND	3	3												
Solids,Total Suspended (TSS) (mg/L)	13	10	5	5	3	17	5	12	27	10	12	13												
Turbidity (NTU)	8.7	20.4	12	8.8	7.8	20.4	7.1	53.3	18.3	22.9	13.1	28.2												
Total Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Fecal Coliform (MPN/100ml)	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600												
Enterococcus (MPN/100ml)	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420	>2420												