

Analysis for:

Aquatic Bioassay & Consulting laboratories, inc
 29 North Olive
 Ventura CA 93001



Aquatic EcoTechnologies, LLC
 4260 Paul Sweet Road
 Santa Cruz, CA, 95065

Laboratory Analysis Results

Project description

Oxnard Channel Islands
 Sample collection date: 4/20/2022; 4/27/2022; 5/5/2022; 5/11/2022; 5/18/2022;
 5/26/2022; 6/1/2022; 6/8/2022; 6/16/2022; 6/21/2022; 6/29/2022; 7/6/2022
 Number of samples: 24
 Replication: Duplicates
 Samples received as: Filters
 Sample received on: 7/8/2022
 Sample extracted on: 7/11/2022
 Extracted samples measured on: 7/12/2022
 Report date: 7/15/2022

Analysis details

Analyte: Chlorophyll *a*
 Instrument: Turner Trilogy Laboratory Fluorometer
 Method: Extracted chlorophyll *a* – non-acidification method
 Reporting limit: 0.25 µg/L

Sample date	Station/ Sample	Volume filtered (ml)	Chlorophyll <i>a</i> (µg/L)				Remarks
			Replicate	Replicate	Average	Standard deviation	
04/20/2022	6	50	2.07	2.04	2.06	0.02	
04/20/2022	7	50	1.52	1.31	1.42	0.15	
04/27/2022	6	50	1.52	1.52	1.52	0.00	
04/27/2022	7	50	0.75	0.68	0.72	0.05	
05/05/2022	6	50	2.46	2.34	2.40	0.08	
05/05/2022	7	50	2.51	2.47	2.49	0.03	
05/11/2022	6	50	6.14	5.93	6.04	0.15	
05/11/2022	7	50	3.42	3.00	3.21	0.30	
05/18/2022	6	50	4.64	5.95	5.30	0.93	
05/18/2022	7	50	2.37	2.42	2.40	0.04	
05/26/2022	6	50	1.77	1.91	1.84	0.10	
05/26/2022	7	50	0.79	0.79	0.79	0.00	
06/01/2022	6	50	1.59	1.52	1.56	0.05	
06/01/2022	7	50	0.63	0.62	0.63	0.01	
06/08/2022	6	50	5.61	3.49	4.55	1.50	
06/08/2022	7	50	23.56	19.44	21.50	2.91	1:4 dilution
06/16/2022	6	50	2.16	2.08	2.12	0.06	
06/16/2022	7	50	4.19	4.78	4.49	0.42	
06/21/2022	6	50	1.11	0.93	1.02	0.13	
06/21/2022	7	50	1.13	1.16	1.15	0.02	

Sample date	Station/ Sample	Volume filtered (ml)	Chlorophyll <i>a</i> (µg/L)				Remarks
			Replicate	Replicate	Average	Standard deviation	
06/29/2022	6	50	1.67	1.81	1.74	0.10	
06/29/2022	7	50	1.72	1.61	1.67	0.08	
07/06/2022	6	50	1.39	1.33	1.36	0.04	
07/06/2022	7	50	1.36	1.39	1.38	0.02	