

Tracer Date Location	PC Post 1/28	PC Pre 1/24	SB Post 1/28	SB Pre 1/24	FC Post 1/28	FC R1 Pre 1/24	FC R2 Pre 1/24	BR Post 1/28	BR Pre 1/24	TC Post 1/28	TC Pre 1/24	WRT Post 1/28	WRT Pre 1/24	WRSM Post 1/28	WRSM Pre 1/24	SMP Post 1/28	SMP Pre 1/24	DSB Post 1/28	DSB Pre 1/24	MC Post 1/28	MC Pre 1/24	1/24	UNIT					
																								Paradise Cove	Paradise Cove	Surfdrift	Surfdrift	Las Flores
Parameter	MDL	RL	Method	Group	Fraction	126516 R1 - PC	126519 R1 - PC	126517 R1 - SB	126518 R1 - SB	126512 R1 - FC	125948 R1 - FC	125948 R2 - FC	126513 R1 - BR	125949 R1 - BR	126514 R1 - TC	125950 R1 - TC	126515 R1 - WRT	125951 R1 - WRT	126523 R1 - WRSM	125952 R1 - WRSM	126522 R1 - SMP	125955 R1 - SMP	126521 R1 - DSB	125954 R1 - DSB	126520 R1 - MC	125953 R1 - MC		
Aluminum (Al)	3	6	EPA 1640	Elements	Dissolved	3.079999924	5.513999986	7.849999995	8.389999914	4.269999981	11.699999981	9.5	29	9.06000042	14.30000019	4.860000134	11.60000038	13.60000019	4.300000191									
Aluminum (Al)	3	6	EPA 1640	Elements	Dissolved	164	1470	483	1370	6600	3860	3900	9750	13200	3240	365	9470	752	2540									
Antimony (Sb)	0.01	0.015	EPA 1640	Elements	Dissolved	0.107000001	0.113999995	0.068999998	0.112099999	0.083999999	0.039000001	0.041000001	0.115000002	0.118000001	0.072999999	0.127000004	0.075000003	0.138999999	0.175999999	0.116999999	0.170000002	0.061999999	0.188999996	0.188999996	0.064999998	0.184	0.169	
Antimony (Sb)	0.01	0.015	EPA 1640	Elements	Total	0.114	0.118000007	0.119999996	0.119999997	0.015	0.064999998	0.048	0.139000007	0.180000007	0.158000007	0.120000004	0.145000002	0.158000007	0.145000002	0.184	0.116999999	0.102000001	0.184	0.116999999	0.102000001	0.085000001	0.201000005	
Arsenic (As)	0.005	0.015	EPA 1640	Elements	Dissolved	1.110000014	0.995000005	0.978999972	0.944000006	1.120000005	1.019999981	1.029999971	1.159999967	1.169999957	1.169999957	1.080000043	1.059999943	1.029999971	1.139999986	1.900000013	1.210000038	1.039999971	1.110000014	1.039999962	1.070000052	1.049999952		
Arsenic (As)	0.005	0.015	EPA 1640	Elements	Total	1.24000001	2.910000086	1.129999955	2.559999943	8.189999958	4.670000076	4.820000172	9.649999919	13.19999981	3.180000067	1.584000043	9.260000229	1.450000048	3.720000029	1.940000057	5.610000134	6.639999966	1.669999957	7.119999886	5.03000021	2.140000114		
Beryllium (Be)	0.005	0.01	EPA 1640	Elements	Dissolved	0.006	0.006																					
Beryllium (Be)	0.005	0.01	EPA 1640	Elements	Total	0.011	0.051999999	0.014	0.041000001	0.133999991	0.126000002	0.114	0.310000002	0.326000005	0.133000001	0.017999999	0.317999989			0.02	0.02	0.453999996	0.171000004	0.017999999	0.137000004	0.077	0.030999999	
Cadmium (Cd)	0.0025	0.005	EPA 1640	Elements	Dissolved	0.077	0.096000001	0.117000004	0.134000003	0.035999998	0.028000001	0.014	0.033	0.030000001	0.029000009	0.035	0.037000001	0.021	0.018999999									
Cadmium (Cd)	0.0025	0.005	EPA 1640	Elements	Total	0.137999997	0.167999998	0.213999995	0.349999994	0.657000005	0.368000001	0.280000001	0.331999987	0.261000007	0.050999999	0.048999999	0.335000008	0.086000003	0.166999996			0.07	0.365000001	0.187999994	0.057999998	0.291000009	0.492000014	0.230000004
Chromium (Cr)	0.0125	0.025	EPA 1640	Elements	Dissolved	0.182999998	0.119000003	0.131999995	0.136999995	0.173999995	0.141000003	0.123999998	0.206	0.128000006	0.187999994	0.133000003	0.116999999	0.180000007	0.112099999	0.108000003	0.120999999	0.108000007	0.174999997	0.189999996	0.137999997	0.180000007	0.129999995	
Chromium (Cr)	0.0125	0.025	EPA 1640	Elements	Total	0.851999998	0.619999986	1.299999952	5.840000153	26.5	16.60000038	16.79999924	35.09999847	49.59999847	7.99999809	1.93999976	29.10000038	2.799999952	10.1999981	4.53000021	17.8999996	24	2.519999981	20.20000076	7.820000172	3.700000048		
Copper (Cu)	0.005	0.01	EPA 1640	Elements	Dissolved	0.206	0.209999993	1.013999981	0.763999999	0.372000009	0.365999997	0.250999987	15.70000052	1.909999967	0.889999986	0.317000002	0.246999994	0.335999995	0.172000006	0.139999996	0.175999996	0.298000008	0.266000003	0.187999994	0.163000003	0.187999994	0.163000003	
Copper (Cu)	0.005	0.01	EPA 1640	Elements	Total	0.602999985	1.350000024	2.049999952	2.720000029	13.3000019	8.350000381	6.469999979	35.90000153	88	10.10000038	8.460000038	18.79999924	1.279999971	3.789999962	1.129999995	9.300000191	4.230000019	1.340000033	7.28000021	1.710000038	1.019999981		
Iron (Fe)	0.5	1	EPA 1640	Elements	Dissolved																							
Iron (Fe)	0.5	1	EPA 1640	Elements	Total	300	1160	757	2560	3760	3330	2710	3570	4960	2870	457	5630	926	3170	1320	3760	3830	642	3390	1700	1210		
Lead (Pb)	0.0025	0.005	EPA 1640	Elements	Dissolved	0.012	0.008	0.018999999	0.003	0.016000001	0.02	0.082000002	0.013	0.018999999						0.011	0.010700001	0.029999999	0.009	0.052000001	0.037999999	0.013	0.009	
Lead (Pb)	0.0025	0.005	EPA 1640	Elements	Total	0.294000004	1.269999973	0.573999973	2.019999981	11.69999981	5.839000114	4.110000134	8.75	20.70000076	4.429999828	0.818000019	17.10000038	0.875	4.539999962	1.90000057	21.89999962	6.070000172	18.70000005	21.5	5.179999828	1.690000057		
Manganese (Mn)	0.01	0.02	EPA 1640	Elements	Dissolved	1.629999995	1.370000005	28.3999962	1.159999967	5.079999924	1.25	1.309999948	4.989999771	1.869999986	48.09999647	3.980000019	10.60000038	2.660000086	9.239999771	1.699999981	1.330000043	0.910000026	1.080000043	0.785000026	0.483999997			
Manganese (Mn)	0.01	0.02	EPA 1640	Elements	Total	7.5	40	79.80000305	41.59999847	232	91.09999847	90.30000305	347	336	118	12.19999981	371	15.69999981	86	25.70000076	263	132	12.30000019	118	69.59999847	30.39999962		
Mercury (Hg)	0.01	0.02	EPA 245.7	Elements	Dissolved																							
Mercury (Hg)	0.01	0.02	EPA 245.7	Elements	Total	0.021400001																						
Molybdenum (Mo)	0.005	0.01	EPA 1640	Elements	Dissolved	4.5	3.329999924	10.3999962	10.5	4.200000076	5.139999866	4.210000038	2.25	3.329999924	2.730000019	7.130000114	2.849999905	5.829999924	9.210000038	4.170000076	9.399999619	1.649999976	8.340000153	3.609999885	8.449999809	7.059999843		
Molybdenum (Mo)	0.005	0.01	EPA 1640	Elements	Total	8.75	4.138000114	14.10000038	11.30000019	2.569999913	6.159999847	4.679999828	2.660000086	4.170000076	3.720000029	8.170000076	4.25	6.739999771	3.950000048	5.320000172	3.140000025	2.579999924	6.769999981	4.829999924	7.800000219			
Nickel (Ni)	0.0025	0.005	EPA 1640	Elements	Dissolved	0.389999986	0.400000006	3.039999971	1.75999999	0.287999988	0.247999996	0.158999994	0.405000001	0.367000014	0.531000018	0.333000004	0.381999999	0.256999999	0.386999995	0.236000001	0.358000001	0.230000004	0.294999987	0.277999997	0.349999994	0.223000005		
Nickel (Ni)	0.0025	0.005	EPA 1640	Elements	Total	1.25	4.050000191	4.530000021	7.579999924	21.70000076	17.60000038	13.69999981	20.29999924	40.5	6.130000114	1.620000005	28.20000076	2.890000105	9.069999995	3.440000057	20.20000076	13.30000019	2.059999943	14.5	3.889000114	2.839999914		
Selenium (Se)	0.005	0.015	EPA 1640	Elements	Dissolved	0.035999998	0.013	0.465999991	0.224999994	0.02		0.015	0.075000003	0.012	0.010000001	0.025	0.018999999			0.039000001								
Selenium (Se)	0.005	0.015	EPA 1640	Elements	Total	0.037	0.022	0.361999989	0.218999997	0.086999997	0.056000002	0.035999998	0.048	0.074000001	0.023	0.075999998	0.007	0.017999999			0.092	0.013	0.041000001	0.021	0.061000001	0.016000001		
Silver (Ag)	0.01	0.02	EPA 1640	Elements	Dissolved	0.118000001	0.059999999	0.118000001	0.057999998	0.057999998	0.057999998	0.057999998	0.110000003	0.057	0.118000001	0.057	0.057999999	0.055	0.057999998	0.123999998	0.118000001	0.057999999	0.057999999	0.057999999	0.057999999	0.057999999		
Silver (Ag)	0.01	0.02	EPA 1640	Elements	Total	0.165000007	0.093999997	0.140000001	0.079000004	0.193000004	0.082999997	0.071000002	0.155000001	0.078000002	0.172000006	0.093000002	0.230000004	0.090999998	0.189999998	0.089000002	0.201000005	0.128000006	0.180999994	0.172000006	0.159999995	0.093000002		
Thallium (Tl)	0.005	0.01	EPA 1640	Elements	Dissolved																							
Thallium (Tl)	0.005	0.01	EPA 1640	Elements	Total	0.006				0.071999997	0.035	0.034000002	0.088	0.127000004	0.050000001	0.093000002	0.029999999			0.108000003	0.067000002			0.115000002	0.030999999			
Tin (Sn)	0.005	0.01	EPA 1640	Elements	Dissolved	0.011		0.013		0.017000001			0.089999999							0.017999999								
Tin (Sn)	0.005	0.01	EPA 1640	Elements	Total	0.063000001	0.037	0.014	0.025	0.061999999	0.019000003																	

2,6-Dimethylnaphthalene	1	5	EPA 625.1	Polymudei Total		1.16999957	23.29999924	1.49000001		3.18000067	3.54999952	10.39999962		7.300000191	4.75	3.81999933	1.72000029	49.59999847	2.45000048	1.26999981	3.00999999		1.230000019						
2-Methylnaphthalene	1	5	EPA 625.1	Polymudei Total			71.90000153			8.779999733	8.770000458	33.09999847	4.579999924	17.89999962	7.340000153	9.590000153		164	3.420000076			4.650000095							
Acenaphthene	1	5	EPA 625.1	Polymudei Total	5.769999981	4.210000038		11.5	1.600000024	6.300000191	5.360000134	9.909999847	5.050000191	2.89999962	3.019999981	1.600000024		20.79999924	1.019999981			6.429999828							
Acenaphthylene	1	5	EPA 625.1	Polymudei Total		2.539999962		17.10000038		3.130000114	3.390000105	7.96999979	1.639999986	3.410000086	1.379999995	2.119999886		17.60000038				1.059999943							
Anthracene	1	5	EPA 625.1	Polymudei Total		2.529999971	1.309999943	14.5	2.900000095		8	16.20000076	7.369999886	4.849999905	4.170000076	6.179999828	2.25999999					8.229999542							
Benzo[a]anthracene	1	5	EPA 625.1	Polymudei Total		2.410000086		7.980000019		7.340000153	85.5	2.680000067		1.799999952	4.369999886							33.29999924							
Benzo[a]pyrene	1	5	EPA 625.1	Polymudei Total		1.059999943		4.789999962		2.549999952	70.19999695	1.309999943		1.00999999			1.600000024	41.40000153				35.90000153							
Benzo[b]fluoranthene	1	5	EPA 625.1	Polymudei Total				4.179999828		3.779999971	84.69999695	1.429999948		1.570000052	3.700000048		1.300000043	34.90000153			1.100000024	27.89999962							
Benzo[e]pyrene	1	5	EPA 625.1	Polymudei Total		1.059999943		4.210000038		3.460000038	67.69999695	1.5		1.490000001	4.980000019	1.159999967	1.690000057	34.90000153			1.029999971	29.89999962							
Benzo[k]fluoranthene	1	5	EPA 625.1	Polymudei Total				5.110000134		1.820000052	35.20000076	2.029999971			4.769999981		1.870000005	33.79999924			1.340000033	35.79999924							
Biphenyl	1	5	EPA 625.1	Polymudei Total		1.429999948	4.989999771	1.110000014	60.40000153	5.570000172	6.869999886	27.70000076	2.539999962		17.5	5.340000153	9.18999958				147	1.620000005	2.619999886						
Chrysene	1	5	EPA 625.1	Polymudei Total		1.419999957	4.199999809		15.80000019	9.300000191		232	5.159999847	2.630000114	4.079999924	7.760000229	2.089999914	2.829999924			104	2.160000086	1.110000014	45.59999847					
Dibenz[a,h]anthracene	1	5	EPA 625.1	Polymudei Total																									
Dibenz[ghi]perylene	1	5	EPA 625.1	Polymudei Total																									
Fluoranthene	1	5	EPA 625.1	Polymudei Total	2.349999905	31.79999924	2.289999962	2.519999981	54.40000153	43.79999924	180	24	19.39999962		16	39.59999847	10.69999981	9.420000076		303	5.989999771	1.730000019	104	1.830000043					
Fluorene	1	5	EPA 625.1	Polymudei Total		1	5.489999771	1.779999971	25.10000038	9.090000153	77.69999695	14.89999962	6.699999809	9.079999924	6.809999943	4.840000153	1.639999986	46.29999924	1.700000048	2.130000114		6.070000172	1.549999952						
Indeno[1,2,3-cd]pyrene	1	5	EPA 625.1	Polymudei Total				6.25							2.640000105		2.200000048				64	57.20000076							
Naphthalene	1	5	EPA 625.1	Polymudei Total	1.980000019	5.78000021	16	4.920000076	240	1.980000019	5.78000021	16	4.920000076	240	6.369999886	23.5	21.39999962	102	12	51.90000153	13.20000019	31.5	4.159999847	618	6.539999962	6.170000076	9.800000191	4.090000153	4.210000038
Perylene	1	5	EPA 625.1	Polymudei Total		1.779999971	5.269999981		26.70000076		5.5	20.20000076	1		12.80000019	99.40000153	12.89999962	9.81000042	37.59999847	21.60000038	1.470000029	20.70000076	1.279999971	1.279999971					
Phenanthrene	1	5	EPA 625.1	Polymudei Total		1.620000005	28.20000076	6.159999847	3.960000038	54.40000153	64.80000305	54.90000153	39.29999924	28.39999962	43.09999847	16.29999924	7.46999979				179	5.840000153	1.730000019	63.79999924	1.409999967				
Pyrene	1	5	EPA 625.1	Polymudei Total	1.580000043	20.39999962	1.830000043	1.090000033	42.20000076	27.39999962	192	16.70000076	11	11.89999962	28.89999962	8.81000042	6.610000134	270	5.079999924	1.919999957	101	1.480000019							