

Sampling Date		Environment						Zooplankton	Phytoplankton Concentration (orgs/mL)						
		Tidal Cycl	Tide Height (ft)	Lunar Cycle (fraction illuminated)	Temp (C)	DO (% sat)	Salinity (PSU)	Live concentration (orgs/m3)	Microscopy	BC2 whole water	BC2 concentrated	Microscopy Risk	BC2 whole water Risk	BC2 concentrated Risk	
11/10/2017	HNL #1	A	1	1.97	0.55	26.6		7333	0.4	23.7	0.0	Low	Low	Low	
		B	1	1.97	0.55	26.6		7000	0.3	11.4	0.0	Low	Low	Low	
		C	1	1.97	0.55	26.6		7222	-	8.7	0.0	-	Low	Low	
	HNL #2	A	1	1.97	0.55	26.6		7222	0.1	ND	0.3	Low	Low	Low	
		B	1	1.97	0.55	26.6		7444	0.3	2.0	0.2	Low	Low	Low	
		C	1	1.97	0.55	26.6		6889	-	ND	0.4	-	Low	Low	
	KEW #1	A	3	1.9	0.55	26.6		5111	0.4	ND	0.2	Low	Low	Low	
		B	3	1.9	0.55	26.6		4778	0.2	ND	0.1	Low	Low	Low	
		C	3	1.9	0.55	26.6		4444	-	5.7	0.3	-	Low	Low	
	KEW #2	A	3	1.9	0.55	26.6		4000	0.1	1.4	0.3	Low	Low	Low	
		B	3	1.9	0.55	26.6		3333	0.3	1.9	0.1	Low	Low	Low	
		C	3	1.9	0.55	26.6		3000	-	ND	0.0	-	Low	Low	
11/15/2017	HNL #1	A	4	0.48	0.09	26.4	92.1	32.64	25111	1.2	11.4	1.0	Low	Low	Low
		B	4	0.48	0.09	26.4	92.1	32.64	23111	1.2	12.3	1.0	Low	Low	Low
		C	4	0.48	0.09	26.4	92.1	32.64	22889	1.5	28.5	1.8	Low	Low	Low
	HNL #2	A	4	0.48	0.09	26.4	96	33.2	23556	0.4	ND	0.4	Low	Low	Low
		B	4	0.48	0.09	26.4	96	33.2	23556	0.5	ND	0.7	Low	Low	Low
		C	4	0.48	0.09	26.4	96	33.2	25556	0.5	5.5	1.0	Low	Low	Low
	KEW #1	A	1	0.65	0.09	26.4	93.3	33.02	22667	0.5	ND	0.6	Low	Low	Low
		B	1	0.65	0.09	26.4	93.3	33.02	23000	0.6	6.0	1.0	Low	Low	Low
		C	1	0.65	0.09	26.4	93.3	33.02	20667	0.8	4.0	0.6	Low	Low	Low
	KEW #2	A	1	0.65	0.09	26.4	96.4	33.5	15778	0.7	11.3	0.3	Low	Low	Low
		B	1	0.65	0.09	26.4	96.4	33.5	14667	1.0	7.8	0.8	Low	Low	Low
		C	1	0.65	0.09	26.4	96.4	33.5	15111	0.6	12.3	0.5	Low	Low	Low
11/20/2017	HNL #1	A	3	1.4	0.04	25.56	101.7	34.59	9111	0.5	12.1	1.0	Low	Low	Low
		B	3	1.4	0.04	25.56	101.7	34.59	9556	0.4	9.6	0.9	Low	Low	Low
		C	3	1.4	0.04	25.56	101.7	34.59	7556	0.4	13.9	0.9	Low	Low	Low
	HNL #2	A	3	1.4	0.04	25.56	101.4	34.6	2889	0.4	7.1	0.3	Low	Low	Low
		B	3	1.4	0.04	25.56	101.4	34.6	1556	0.3	2.0	0.5	Low	Low	Low
		C	3	1.4	0.04	25.56	101.4	34.6	1667	0.4	2.4	0.7	Low	Low	Low
	KEW #1	A	3	1.02	0.04	26.11	99.1	34.4	2889	0.6	2.8	0.2	Low	Low	Low
		B	3	1.02	0.04	26.11	99.1	34.4	2444	0.7	3.3	0.3	Low	Low	Low
		C	3	1.02	0.04	26.11	99.1	34.4	2444	0.7	1.3	0.1	Low	Low	Low
	KEW #2	A	3	1.02	0.04	26.11	102	34.34	6111	0.3	9.1	0.3	Low	Low	Low
		B	3	1.02	0.04	26.11	102	34.34	5889	0.4	8.6	0.5	Low	Low	Low
		C	3	1.02	0.04	26.11	102	34.34	7222	0.4	5.1	0.3	Low	Low	Low
11/22/2017	Maui #1	A	3	0.86	0.13		90.7	32.54	333	0.2	3.0	0.0	Low	Low	Low
		B	3	0.86	0.13		90.7	32.54	778	0.3	6.0	0.1	Low	Low	Low
		C	3	0.86	0.13		90.7	32.54	556	0.3	15.0	0.1	Low	Low	Low
	Maui #2	A	3	0.86	0.13		95.4	33.06	0	0.1	0.0	0.2	Low	Low	Low
		B	3	0.86	0.13		95.4	33.06	444	0.1	2.0	0.1	Low	Low	Low
		C	3	0.86	0.13		95.4	33.06	222	0.1	0.0	0.2	Low	Low	Low

11/29/2017	HNL #1	A	1	0.77	0.77	24.9	98.9	34.2	14000	1.8	14.0	1.0	Low	Low	Low
		B	1	0.77	0.77	24.9	98.9	34.2	15556	1.4	21.0	1.5	Low	Low	Low
		C	1	0.77	0.77	24.9	98.9	34.2	13444	1.5	27.0	1.6	Low	Low	Low
	HNL #2	A	1	0.77	0.77	24.9	98.9	34.2	16444	1.3	18.0	0.5	Low	Low	Low
		B	1	0.77	0.77	24.9	98.9	34.2	20111	1.1	23.0	0.5	Low	Low	Low
		C	1	0.77	0.77	24.9	98.9	34.2	17000	1.0	26.0	0.7	Low	Low	Low
	KEW #1	A	1	0.99	0.77	24.9	93.3	34.84	15556	0.3	22.0	0.4	Low	Low	Low
		B	1	0.99	0.77	24.9	93.3	34.84	14667	0.3	24.0	0.4	Low	Low	Low
		C	1	0.99	0.77	24.9	93.3	34.84	15778	0.1	23.0	0.3	Low	Low	Low
	KEW #2	A	1	0.99	0.77	24.9	93.3	34.84	17000	0.3	16.0	0.4	Low	Low	Low
		B	1	0.99	0.77	24.9	93.3	34.84	14444	0.3	20.0	0.4	Low	Low	Low
		C	1	0.99	0.77	24.9	93.3	34.84	15556	0.2	24.0	0.4	Low	Low	Low
11/30/2017	Rain #1	A	3	0.9	0.85			92.8	32.06	49.4	72.0	31.4	High	High	Low
		B	3	0.9	0.85			92.8	32.06	5.6	76.0	17.3	Low	High	Low
		C	3	0.9	0.85			92.8	32.06	7.0	70.0	19.0	Low	High	High
	Rain #2	A	3	0.9	0.85			97.9	33.01	3.4	117.0	15.7	Low	High	Low
		B	3	0.9	0.85			97.9	33.01	8.4	95.0	16.2	Low	High	Low
		C	3	0.9	0.85			97.9	33.01	7.0	103.0	17.1	Low	High	High
12/6/2017	HNL #1	A	3	2.1	0.89	24.8	98.1	34.86	33000	1.1	ND	0.4	Low	Low	High
		B	3	2.1	0.89	24.8	98.1	34.86	28000	1.4	5.0	0.8	Low	Low	High
		C	3	2.1	0.89	24.8	98.1	34.86	24222	1.2	ND	0.8	Low	Low	High
	HNL #2	A	3	2.1	0.89	24.8	98.1	34.86	19556	1.3	2.0	0.4	Low	Low	High
		B	3	2.1	0.89	24.8	98.1	34.86	15111	1.4	6.0	0.4	Low	Low	High
		C	3	2.1	0.89	24.8	98.1	34.86	19111	1.7	4.0	0.9	Low	Low	High
	KEW #1	A	3	1.72	0.89	24.4	82.9	35.06	35778	0.4	ND	1.3	Low	Low	Low
		B	3	1.72	0.89	24.4	82.9	35.06	51556	1.0	9.0	1.4	Low	Low	Low
		C	3	1.72	0.89	24.4	82.9	35.06	37111	0.5	10.0	1.2	Low	Low	High
	KEW #2	A	3	1.72	0.89	24.4	82.9	35.06	56667	1.7	ND	1.2	Low	Low	Low
		B	3	1.72	0.89	24.4	82.9	35.06	59778	1.2	2.0	2.5	Low	Low	Low
		C	3	1.72	0.89	24.4	82.9	35.06	51556	1.3	2.0	1.1	Low	Low	Low
	Rain #1	A	1	0.2	0.89			88.5	31.35	10.0	1.0	2.5	High	Low	High
		B	1	0.2	0.89			88.5	31.35	6.2	10.0	2.7	Low	Low	High
		C	1	0.2	0.89			88.5	31.35	5.2	12.0	3.7	Low	High	High
	Rain #2	A	1	0.2	0.89			91.5	31.26	8.9	26.0	3.6	Low	High	High
		B	1	0.2	0.89			91.5	31.26	8.5	35.0	5.3	Low	Low	High
		C	1	0.2	0.89			91.5	31.26	8.6	36.0	4.6	Low	High	High
12/12/2017	Rain #1	A	3	0.02	0.29			80.9	32.35	1.2	17.0	0.6	Low	Low	Low
		B	3	0.02	0.29			80.9	32.35	1.4	31.0	0.9	Low	Low	Low
		C	3	0.02	0.29			80.9	32.35	1.4	147.0	0.8	Low	Low	Low
	Rain #2	A	3	0.02	0.29			89.8	31.81	1.7	16.0	0.3	Low	Low	Low
		B	3	0.02	0.29			89.8	31.81	2.0	18.0	1.0	Low	Low	Low
		C	3	0.02	0.29			89.8	31.81	1.9	18.0	1.4	Low	Low	Low
	HNL #1	A	3	0.63	0.21	24.3	84.5	33.18	7778	14.6	30.0	3.1	High	High	Low
		B	3	0.63	0.21	24.3	84.5	33.18	10000	9.8	70.0	3.0	Low	High	Low
		C	3	0.63	0.21	24.3	84.5	33.18	11556	9.0	38.0	3.4	Low	High	Low
		A	3	0.63	0.21	24.6	87.5	33.76	16000	6.0	33.0	1.4	Low	Low	Low

12/13/2017	HNL #2	B	3	0.63	0.21	24.6	87.5	33.76	15667	5.7	30.0	1.7	Low	Low	Low
		C	3	0.63	0.21	24.6	87.5	33.76	11667	6.0	45.0	2.5	Low	Low	Low
	KEW #1	A	1	0.64	0.21	23.8	85.8	32.89	6778	0.4	ND	0.3	Low	Low	Low
		B	1	0.64	0.21	23.8	85.8	32.89	13111	0.4	8.0	0.5	Low	Low	High
		C	1	0.64	0.21	23.8	85.8	32.89	13778	0.4	2.0	0.2	Low	Low	Low
	KEW #2	A	1	0.64	0.21	24.1	86.4	32.49	10444	0.2	2.0	0.1	Low	Low	Low
		B	1	0.64	0.21	24.1	86.4	32.49	13333	0.4	10.0	0.0	Low	Low	Low
		C	1	0.64	0.21	24.1	86.4	32.49	11556	0.3	6.0	0.1	Low	Low	Low
12/18/2017	HNL #1	A	3	1.3	0.00	23.9	92.9	33.38	12889	0.1	31.0	0.3	Low	Low	Low
		B	3	1.3	0.00	23.9	92.9	33.38	11333	0.1	4.0	0.4	Low	Low	Low
		C	3	1.3	0.00	23.9	92.9	33.38	13000	0.0	ND	0.3	Low	Low	Low
	HNL #2	A	3	1.3	0.00	24.0	90.5	32.87	6222	0.3	ND	0.3	Low	Low	High
		B	3	1.3	0.00	24.0	90.5	32.87	5667	0.3	ND	0.3	Low	Low	High
		C	3	1.3	0.00	24.0	90.5	32.87	5111	0.4	ND	0.6	Low	Low	High
	KEW #1	A	3	0.97	0.00	24.7	88.3	33.3	34000	0.4	12.0	0.1	Low	Low	Low
		B	3	0.97	0.00	24.7	88.3	33.3	38000	0.4	9.0	0.1	Low	Low	Low
		C	3	0.97	0.00	24.7	88.3	33.3	40444	0.3	9.0	0.2	Low	Low	Low
	KEW #2	A	3	0.97	0.00	24.9	95.1	33.65	50222	0.2	ND	0.0	Low	Low	Low
		B	3	0.97	0.00	24.9	95.1	33.65	63556	0.3	ND	0.0	Low	Low	Low
		C	3	0.97	0.00	24.9	95.1	33.65	57778	0.2	ND	0.0	Low	Low	Low
12/20/2017	Rain #1	A	1	0.37	0.04		81.3	31.57		1.1	10	1.1	Low	Low	High
		B	1	0.37	0.04		81.3	31.57		0.9	20	1.2	Low	Low	Low
		C	1	0.37	0.04		81.3	31.57		0.6	25	0.7	Low	Low	Low
	Rain #2	A	1	0.37	0.04		81.7	31.86		1.0	ND	1.1	Low	Low	Low
		B	1	0.37	0.04		81.7	31.86		1.6	1	1.8	Low	Low	Low
		C	1	0.37	0.04		81.7	31.86		0.7	13	1.7	Low	Low	High
12/26/2017	HNL #1	A	1	1.22	0.50	23.6	93.8	27.48	136889	0.2	7.0	0.6	Low	Low	Low
		B	1	1.22	0.50	23.6	93.8	27.48	163333	0.2	4.0	0.6	Low	Low	Low
		C	1	1.22	0.50	23.6	93.8	27.48	165556	0.1	14.0	0.4	Low	Low	High
	HNL #2	A	1	1.22	0.50	23.1	93	21.34	31778	0.2	11.0	1.5	Low	Low	Low
		B	1	1.22	0.50	23.1	93	21.34	29111	0.7	31.0	1.5	Low	Low	Low
		C	1	1.22	0.50	23.1	93	21.34	30444	0.2	32.0	2.5	Low	Low	Low
	KEW #1	A	1	1.34	0.50	24.2	96.2	33.13	10667	0.4	9.0	0.8	Low	Low	Low
		B	1	1.34	0.50	24.2	96.2	33.13	9556	0.4	19.0	0.6	Low	Low	Low
		C	1	1.34	0.50	24.2	96.2	33.13	9889	0.3	26.0	0.6	Low	Low	Low
12/27/2017	Rain #1	A	1	1.34	0.50	24.4	97.1	33.36	9778	0.3	2.0	0.5	Low	Low	Low
		B	1	1.34	0.50	24.4	97.1	33.36	9667	0.3	8.0	0.6	Low	Low	Low
		C	1	1.34	0.50	24.4	97.1	33.36	11444	0.2	12.0	0.4	Low	Low	High
	Rain #2	A	3	0.1	0.61		85.4	20.54		13.3	10.0	11.1	High	Low	Low
		B	3	0.1	0.61		85.4	20.54		10.9	78.0	8.5	High	Low	High
		C	3	0.1	0.61		85.4	20.54		8.8	91.0	8.7	Low	Low	Low
		A	3	0.1	0.61		87	21.98		9.4	87.0	11.3	Low	Low	High
		B	3	0.1	0.61		87	21.98		9.4	120.0	7.0	Low	Low	High
		C	3	0.1	0.61		87	21.98		4.6	162.0	11.6	Low	Low	Low