Table S1. Physicochemical data of Temperature (T), Electrical Conductivity (EC), Salinity, pH, Dissolved Oxygen (DO) and nitrate-nitrogen as NO_3^--N, nitrite-nitrogen as NO_2^--N, Ammonium-Nitrogen as NH_4^+-N, Dissolved Inorganic Nitrogen as DIN, Total Nitrogen as TN, Orthophosphate as PO_4-P, Total Phosphorus as TP, *Escherichia Coli as E. coli and* Hellenic Water Quality Index as HWQI.

a/a	Station Name	Date (M/D/Y)	Season	T (°C)	EC (μS/cm)	Salinity (ppt)	pH	DO (mg/l)	NO_2^--N (mg/l)	NO_3^--N (mg/l)	NH_4^+-N (mg/l)	DIN (mg/l)	TN (mg/l)	PO_4-P (mg/l)	TP (mg/l)	*E. coli (cfu/100ml)*	HWQI
1	K MD	5/6/2021	SPRING	17.8	991	0.4	8.9	9.4	0.04	5	0.13	5.17	5.8	0.41	0.45	300	1.12
2	K 17	5/6/2021	SPRING	21	971	0.4	9.1	8.9	0.03	9.59	0.1	9.73	9.8	1.88	1.92	370	1.12
3	K 12	5/6/2021	SPRING	21.7	928	0.4	9.6	11.6	0.05	8.55	0.1	8.71	9.9	0.83	0.84	2700	1.12
4	K 5	5/6/2021	SPRING	20.4	880	0.4	9.2	9.2	0.61	4.15	7.65	12.41	12.7	0.83	0.96	5400	0.5
5	K Ekv	5/6/2021	SPRING	18.8	1552	0.4	9.2	8.4	0.2	9.27	0.65	10.12	11.4	0.61	0.64	26000	0.5
6	K MD	6/9/2021	SUMMER	19.1	992	0.5	8	7.6	0	5.71	0.02	5.73	6.1	0.46	0.5	384	2.19
7	K 17	6/9/2021	SUMMER	22.9	1010	0.5	7.9	7.1	0.09	8.84	0.12	9.05	9.1	1.45	1.51	428	1.35
8	K 12	6/9/2021	SUMMER	23.2	968	0.5	8.6	11.5	0.16	8.03	0.27	8.46	9.2	0.83	0.89	4220	1.35
9	K 5	6/9/2021	SUMMER	21.9	482	0.2	8	7	0.61	1.65	8.13	10.39	10.42	0.83	0.92	6400	1.18
10	K Ekv	6/9/2021	SUMMER	21.2	5882	3.2	7.7	5.4	0.32	8.54	0.53	9.39	9.6	0.7	0.73	7760	0.84
11	K MD	7/7/2021	SUMMER	21.5	1037	0.5	7.4	7.9	0.01	4.1	0.02	4.13	4.4	0.6	0.62	1860	2.02
12	K 17	7/7/2021	SUMMER	22.1	1057	0.5	7.6	8.5	0.09	6.2	0.18	6.48	6.7	0.89	0.96	1560	1.35
13	K 12	7/7/2021	SUMMER	22.8	1020	0.5	7.8	9	0.08	8.9	0.04	9.02	9.1	0.95	0.97	1620	1.52
14	K 5	7/7/2021	SUMMER	23.3	991	0.4	7.1	6.2	2.2	3.52	2.56	8.28	9.1	0.64	0.66	4000	0.84
15	K Ekv	7/7/2021	SUMMER	23.8	8146	4.5	7.3	6.1	0.73	6.1	1.33	8.16	8.7	0.54	0.55	18100	0.84
16	K MD	8/3/2021	SUMMER	21.8	1000	0.5	7.9	10.4	0.01	5.5	0.02	5.53	5.6	0.51	0.52	330	2.19
17	K 17	8/3/2021	SUMMER	24	1014	0.5	8.1	9.6	0.07	5.5	0.09	5.66	6	0.86	0.86	2820	1.69
18	K 12	8/3/2021	SUMMER	24	997	0.5	8.5	11.5	0.08	7.1	0.14	7.32	7.5	0.62	0.65	1010	1.52
19	K 5	8/3/2021	SUMMER	23.6	873	0.4	7.6	6	1.11	3.3	5.18	9.59	10.2	0.86	0.92	3120	0.84
20	K Ekv	8/3/2021	SUMMER	25	2596	1.3	7.5	3.6	0.23	7.2	0.77	8.2	8.8	0.42	0.54	4580	0.67
21	K MD	9/9/2021	AUTUMN	19.3	1065	0.5	8.2	8.5	0.02	3.7	0.03	3.75	3.8	0.88	0.89	400	1.86
22	K 17	9/9/2021	AUTUMN	21.8	1051	0.5	8.3	6.9	0.08	6.5	0.08	6.66	6.7	0.51	0.52	14900	1.35
23	K 12	9/9/2021	AUTUMN	21.4	977	0.5	8.9	9.2	0.06	6.9	0.04	7	7	0.54	0.54	54000	1.86
24	K 5	9/9/2021	AUTUMN	22.3	811	0.4	8.3	8	0.75	4.1	8.6	13.45	14.3	1.02	1.07	48200	1.01
25	K Ekv	9/9/2021	AUTUMN	20.4	5434	2.9	8	6.5	0.11	5.3	0.47	5.88	7.3	0.22	0.23	34400	1.53
26	K MD	10/7/2021	AUTUMN	17	1080	0.5	7.7	9.2	0.01	18.73	0.02	18.76	18.84	0.76	0.79	100	2.19
27	K 17	10/7/2021	AUTUMN	19.6	1028	0.5	7.7	6.8	0.04	11.42	0.05	11.52	11.71	0.57	0.62	4500	1.69
28	K 12	10/7/2021	AUTUMN	18.5	961	0.5	8	10.2	0.03	10.49	0.04	10.56	10.84	0.37	0.4	500	2.03
29	K 5	10/7/2021	AUTUMN	19.8	921	0.5	7.6	2.3	0.11	0.24	15.23	15.58	16.42	1.62	1.68	22700	1.18

30	K Ekv	10/7/2021	AUTUMN	18.6	5430	3	7.4	4.5	0.14	8.01	0.53	8.68	8.9	0.17	0.18	22200	1.36
31	K MD	11/4/2021	AUTUMN	15.7	1160	0.6	8.1	10.4	0.07	13.47	0.01	13.56	13.74	0.55	0.57	100	1.85
32	K 17	11/4/2021	AUTUMN	18.7	1106	0.6	8.1	6.9	0.16	9.98	0.27	10.4	10.69	0.33	0.37	49000	1.13
33	K 12	11/4/2021	AUTUMN	18.2	1054	0.5	8.6	9.9	0.08	11.55	0.03	11.65	11.92	0.29	0.33	2200	2.03
34	K 5	11/4/2021	AUTUMN	19.6	988	0.5	8.2	2.5	3.46	3.98	4.55	11.99	12.79	0.88	1.01	92000	0.67
35	K Ekv	11/4/2021	AUTUMN	17.7	3345	1.8	7.7	4.9	0.35	7.99	0.38	8.72	8.9	0.12	0.12	25000	2.03
36	K MD	12/9/2021	WINTER	12.4	1143	0.6	8.2	9.7	0.05	4.16	0.26	4.47	4.5	0.49	0.49	200	1.52
37	K 17	12/9/2021	WINTER	14.9	1117	0.6	8.2	9.3	0.04	4.76	0.19	4.99	5.2	0.86	0.87	300	1.69
38	K 12	12/9/2021	WINTER	13.6	1100	0.6	8.2	10.3	0.04	7.36	0.08	7.48	7.52	0.11	0.11	600	2.71
39	K 5	12/9/2021	WINTER	17	1067	0.5	8.5	8.6	0.48	8.83	5.16	14.47	16	0.73	0.73	3700	1.01
40	K Ekv	12/9/2021	WINTER	13.5	2145	1.1	8.2	9.7	0.09	6.9	0.69	7.68	8.3	0.2	0.21	700	1.69
41	K MD	1/11/2022	WINTER	10	519	0.3	8.2	10.5	0.02	4.32	0.08	4.42	4.68	0.15	0.16	2700	2.71
42	K 17	1/11/2022	WINTER	11.2	513	0.3	8.3	10.4	0.02	3.86	0.14	4.02	4.14	0.15	0.16	23000	2.71
43	K 12	1/11/2022	WINTER	10.9	443.4	0.2	8.3	10.8	0.02	3.36	0.58	3.96	4.61	0.2	0.22	100000	1.87
44	K 5	1/11/2022	WINTER	14.4	729	0.4	8.3	9.9	0.52	8.56	2.49	11.57	13.75	0.48	0.52	120000	1.18
45	K Ekv	1/11/2022	WINTER	10.5	286.3	0.1	8.2	10.8	0.03	1.68	0.14	1.85	2.21	0.12	0.14	31000	2.88
46	K MD	2/4/2022	WINTER	9.4	1101	0.6	8.2	10.9	0.06	5.45	0.09	5.6	5.6	0.28	0.31	200	2.04
47	K 17	2/4/2022	WINTER	10.4	909	0.5	8.3	10.8	0.07	4.5	0.24	4.81	5.16	0.26	0.3	680	1.7
48	K 12	2/4/2022	WINTER	10.5	894	0.4	8.4	11.2	0.05	5.37	0.16	5.58	5.8	0.71	0.73	360	1.69
49	K 5	2/4/2022	WINTER	13.4	901	0.5	8.2	9.6	0.33	9.56	4.52	14.41	16.42	0.59	0.62	1640	1.18
50	K Ekv	2/4/2022	WINTER	9.6	366	0.2	8.2	10.8	0.1	4.25	0.52	4.87	5.21	0.16	0.17	1820	1.86
51	K MD	3/8/2022	SPRING	11.7	985.1	0.5	8.6	11.8	0.02	5.3	0.01	5.33	5.39	0.25	0.27	104	2.54
52	K 17	3/8/2022	SPRING	14.2	941	0.5	8.4	10.6	0.05	5.03	0.05	5.13	5.41	0.38	0.42	98000	1.86
53	K 12	3/8/2022	SPRING	13.7	1000.7	0.5	8.8	12.7	0.07	6.97	0.02	7.06	7.56	0.54	0.64	950	2.02
54	K 5	3/8/2022	SPRING	16.2	964	0.5	8.5	15.1	0.92	7.26	5.54	13.72	14.84	0.72	0.78	7500	1.18
55	K Ekv	3/8/2022	SPRING	13.5	2532	1.3	8	9.2	0.24	7.08	0.66	7.98	8.16	0.22	0.24	18000	1.52
56	K MD	4/7/2022	SPRING	14.5	1050	0.5	8	5.8	0.11	4.87	0.13	5.11	5.18	0.51	0.51	138	1.18
57	K 17	4/7/2022	SPRING	15.6	973	0.5	8	5.6	0.09	8.84	0.21	9.14	9.2	1.15	1.15	12000	1.02
58	K 12	4/7/2022	SPRING	15.7	907	0.5	8.5	6.1	0.13	8.74	0.13	9	9.07	0.59	0.61	8200	1.18
59	K 5	4/7/2022	SPRING	17.3	949	0.5	8.2	6.3	1.24	8.43	4.74	14.41	16.21	0.78	0.79	6700	0.84
60	K Ekv	4/7/2022	SPRING	15.6	4122	2.2	7.8	3.9	0.39	8.78	0.38	9.55	9.58	0.58	0.58	12300	0.85