

Supplementary Material

Table S1: Data from rainwater and stormwater monitoring.

Date of sampling	Sample location	Time interval since runoff beginning	pH	SpCond (µS/cm)	TDS (mg/L)	Turbidity (NTU)	fDOM (QSU)	Cu (µg/L)	Cr (µg/L)	Fe (µg/L)	Ni (µg/L)	Zn (µg/L)	Pb (µg/L)
12th March 2021	RR	0-10	5.76	53.40	35.00	2.23	31.15	15.05	4.32	255.84	3.14	2,997.52	10.83
12th March 2021	RR	`10-20	5.97	19.79	13.00	5.32	31.87	93.33	7.32	801.92	5.28	2,360.71	13.74
12th March 2021	RR	20-30	5.88	20.91	14.00	4.84	34.11	96.68	6.34	218.50	6.81	1,985.82	8.81
12th March 2021	RR	30-40	6.54	20.74	13.00	3.63	22.25	73.98	6.34	179.05	7.42	1,926.84	11.70
12th March 2021	SR	40-50	6.20	347.35	226.10	86.53	136.80	34.36	14.76	998.00	5.01	101.98	9.78
12th March 2021	SC	50-60	7.85	2,562.63	1,808.78	105.63	125.23	109.20	47.60	18,200.00	31.02	705.61	47.00
12th March 2021	RU	60-70	7.86	345.00	224.00	3.58	59.50	8.25	11.26	721.77	2.29	5.21	18.00
12th March 2021	RD	70-80	7.52	345.00	224.00	6.32	59.99	9.98	10.82	988.00	4.26	15.26	18.30
12th March 2021	DR	bulk sample	5.21	15.20	21.76	4.30	16.25	0.25	12.01	33.26	3.25	98.90	3.22
16th May 2021	RR	0-10	6.70	549.68	357.00	87.67	168.24	165.34	13.80	896.68	15.17	8,509.70	35.15
16th May 2021	RR	`10-20	6.77	97.80	64.00	45.75	82.89	85.60	9.23	591.62	7.58	1,680.60	31.87
16th May 2021	RR	20-30	6.28	59.79	39.00	16.47	66.59	149.76	8.87	292.58	7.18	1,146.78	14.31
16th May 2021	RR	30-40	7.22	52.10	34.00	3.37	78.70	132.68	8.04	110.13	5.86	1,183.76	15.88
16th May 2021	SR	40-50	6.63	125.00	161.00	83.95	286.92	55.02	25.08	750.30	18.02	145.90	64.64
16th May 2021	SC	50-60	7.85	156.25	201.25	104.94	200.99	106.80	31.35	12,550.20	22.53	182.38	80.80
16th May 2021	RU	60-70	7.99	332.00	223.43	5.20	60.69	5.23	11.49	736.21	2.34	8.21	12.60
16th May 2021	RD	70-80	7.98	332.00	223.00	10.20	103.55	7.96	11.04	733.01	4.35	15.20	12.30
16th May 2021	DR	bulk sample	5.41	12.02	20.99	2.25	16.01	2.23	3.25	21.01	3.41	175.02	7.00
22nd June 2021	RR	0-10	5.87	339.70	221.00	20.73	441.68	24.81	4.74	503.59	11.10	1,8611.0	17.78
22nd June 2021	RR	`10-20	5.76	61.58	40.00	5.21	182.92	2.37	1.95	99.34	3.64	2132.86	8.97
22nd June 2021	RR	20-30	6.05	113.10	73.00	8.57	369.17	7.33	3.99	161.07	5.04	5026.90	28.91

22nd June 2021	RR	30-40	5.71	105.94	69.00	8.51	420.86	79.93	3.57	131.31	17.70	4,853.15	21.19
22nd June 2021	SR	40-50	7.80	101.00	92.40	45.59	158.32	9.85	4.96	736.25	12.21	31.28	24.24
22nd June 2021	SC	50-60	8.58	248.16	161.04	112.53	98.50	43.13	20.73	2,309.11	36.50	324.65	3.05
22nd June 2021	RU	60-70	7.25	345.00	283.80	2.18	70.53	1.70	0.00	632.12	1.11	5.25	4.69
22nd June 2021	RD	70-80	7.35	349.00	285.12	6.73	70.73	6.88	1.69	1,122.00	1.55	16.36	3.99
22nd June 2021	DR	bulk sample	5.12	26.06	17.00	1.80	12.91	0.10	0.87	25.99	1.75	110.20	0.65
24th June 2021	RR	0-10	6.71	99.19	64.00	10.32	61.07	2.25	0.19	359.25	2.24	5,088.94	3.73
24th June 2021	RR	`10-20	6.06	58.16	38.00	8.31	52.66	0.76	0.13	187.43	1.83	2,806.51	4.05
24th June 2021	RR	20-30	5.62	36.41	24.00	3.74	34.06	0.10	0.00	98.31	0.95	1,492.81	3.78
24th June 2021	RR	30-40	5.48	24.91	16.00	2.57	25.51	0.10	0.00	45.29	1.24	1,029.81	3.39
24th June 2021	SR	40-50	6.69	98.36	70.00	34.54	119.94	15.30	4.49	755.36	4.15	45.00	13.39
24th June 2021	SC	50-60	8.18	188.00	122.00	85.25	89.12	32.68	15.71	1,749.32	25.10	245.95	2.31
24th June 2021	RU	60-70	7.68	355.00	215.00	1.65	53.43	1.29	0.00	478.88	0.84	7.25	8.99
24th June 2021	RD	70-80	7.69	355.00	216.00	5.10	53.58	5.21	1.28	850.00	1.17	6.98	3.88
24th June 2021	DR	bulk sample	5.45	18.00	12.00	1.25	10.22	1.63	1.50	301.41	3.04	183.57	4.46
2nd July 2021	RR	0-10	6.07	14.29	9.00	0.95	4.87	0.00	1.00	1.00	1.50	493.00	4.50
2nd July 2021	RR	`10-20	5.82	8.39	5.00	19.76	3.20	3.50	1.00	0.10	1.50	444.50	3.20
2nd July 2021	RR	20-30	5.45	6.76	4.00	0.57	2.76	57.00	1.00	12.50	0.00	477.00	2.50
2nd July 2021	RR	30-40	5.26	8.11	5.00	1.05	2.97	0.10	1.00	0.10	0.50	442.00	2.50
2nd July 2021	SR	40-50	6.70	70.40	46.00	7.41	39.27	8.50	3.00	295.00	8.50	43.50	5.00
2nd July 2021	SC	50-60	7.85	65.10	42.00	13.64	18.41	103.42	129.52	931.50	93.80	217.03	90.00
2nd July 2021	RU	60-70	7.03	325.00	226.00	16.67	33.92	2.25	5.50	1,387.50	1.50	4.69	2.00
2nd July 2021	RD	70-80	6.96	324.00	228.00	18.94	33.07	2.01	3.77	1,397.55	0.72	9.69	2.21
2nd July 2021	DR	bulk sample	5.64	55.34	36.00	30.51	71.67	7.00	1.00	80.00	0.50	134.00	12.50
6th August 2021	RR	0-10	6.94	30.80	20.00	1.54	22.38	0.00	1.00	404.50	0.00	1,029.00	0.00
6th August 2021	RR	`10-20	6.85	19.30	13.00	2.33	20.39	0.00	1.00	312.00	0.00	855.50	0.00
6th August 2021	RR	20-30	5.98	17.50	11.00	12.15	16.82	0.00	1.00	239.50	0.00	762.00	0.00
6th August 2021	RR	30-40	6.26	12.30	8.00	1.18	16.25	0.00	1.50	119.50	0.00	635.00	0.00
6th August 2021	SR	40-50	6.62	120.10	99.00	9.40	171.07	12.05	3.00	908.00	13.00	12.05	10.35
6th August 2021	SC	50-60	7.52	336.40	219.00	39.90	97.54	26.50	13.00	1398.00	39.80	556.00	2.50

6th August 2021	RU	60-70	6.70	320.00	217.00	2.14	38.22	1.02	1.50	471.00	1.50	4.58	1.25
6th August 2021	RD	70-80	6.75	325.00	222.00	5.86	35.88	2.23	8.75	779.22	5.16	5.25	2.60
6th August 2021	DR	bulk sample	5.13	11.70	8.00	2.44	0.05	1.68	6.46	62.85	3.40	106.63	3.28
30th September 2021	RR	0-10	7.18	28.23	24.00	5.77	50.60	8.90	6.95	236.87	2.18	2,473.20	10.26
30th September 2021	RR	`10-20	7.06	14.05	11.94	3.12	35.98	8.19	8.78	172.99	10.71	1,185.52	8.95
30th September 2021	RR	20-30	6.92	13.02	11.07	1.86	35.91	8.46	7.89	151.77	5.39	1,214.82	8.15
30th September 2021	RR	30-40	6.78	9.85	8.37	1.48	32.80	6.76	5.99	141.36	3.05	1,328.57	1.05
30th September 2021	SR	40-50	6.90	68.00	44.00	32.29	118.88	24.60	10.02	1,577.72	5.25	94.30	10.37
30th September 2021	SC	50-60	7.10	899.08	720.00	26.91	52.00	47.50	88.64	2,839.62	12.24	810.75	10.03
30th September 2021	RU	60-70	7.77	340.00	228.00	1.85	28.10	4.95	6.85	431.36	5.37	10.25	3.28
30th September 2021	RD	70-80	7.75	341.00	252.00	3.41	29.60	7.90	7.08	852.00	9.42	15.36	4.96
30th September 2021	DR	bulk sample	6.08	39.20	21.00	4.21	1.20	1.39	8.63	213.08	9.72	4.90	15.46
31th December 2021	RR	0-10	6.16	53.73	35.00	5.66	33.80	7.83	5.50	126.95	3.81	1,550.95	3.33
31th December 2021	RR	`10-20	5.48	41.88	27.00	6.09	31.43	5.62	5.34	105.74	3.78	1,535.24	7.74
31th December 2021	RR	20-30	5.57	22.20	14.00	5.44	27.51	8.32	5.62	77.76	4.47	1,633.76	4.72
31th December 2021	RR	30-40	5.85	33.94	22.00	4.07	29.34	7.28	5.98	80.48	3.59	1,490.68	7.28
31th December 2021	SR	40-50	7.58	1,220.99	1,119.00	336.85	16.05	173.09	114.71	51,251.23	52.02	1,752.02	120.77
31th December 2021	SC	50-60	7.84	5,607.87	3645.00	123.92	48.05	351.27	231.38	72,268.60	107.11	4,662.02	117.58
31th December 2021	RU	60-70	7.23	424.40	276.00	4.48	28.60	3.06	5.96	780.89	2.77	8.50	2.85
31th December 2021	RD	70-80	7.22	586.87	381.44	12.25	29.60	8.69	8.69	1,859.09	4.71	13.36	2.39
31th December 2021	DR	bulk sample	5.52	12.20	8.01	3.55	2.25	14.08	6.34	153.26	5.08	134.00	8.74
9th February 2022	RR	0-10	7.48	57.81	38.00	4.32	19.13	5.24	4.68	78.00	2.98	1,472.05	3.14
9th February 2022	RR	`10-20	6.95	43.34	28.00	0.99	17.82	5.02	12.26	68.37	8.13	1,164.18	4.30
9th February 2022	RR	20-30	6.72	40.74	26.22	0.92	17.53	4.89	4.52	58.18	3.56	1,136.73	4.11
9th February 2022	RR	30-40	5.45	39.19	25.22	1.21	17.30	4.97	4.69	52.45	3.56	1,055.29	4.00
9th February 2022	SR	40-50	6.80	231.69	151.00	211.09	21.50	41.02	21.16	6,601.01	14.79	289.80	20.21
9th February 2022	SC	50-60	7.32	1,677.91	1,266.00	221.14	19.92	99.10	85.20	13,177.79	39.80	812.83	14.32
9th February 2022	RU	60-70	7.96	358.00	254.00	7.38	74.07	4.48	5.62	672.07	3.17	2.25	5.68
9th February 2022	RD	70-80	7.43	450.00	250.00	13.87	63.64	17.80	9.75	1,073.43	7.80	5.99	5.10
9th February 2022	DR	bulk sample	5.35	48.67	31.78	2.06	6.77	16.36	9.14	129.93	10.02	140.30	8.10

4th April 2022	RR	0-10	6.45	387.34	252.00	18.95	184.98	48.37	10.44	957.49	15.49	7,279.68	17.59
4th April 2022	RR	`10-20	6.15	304.14	198.00	23.37	197.93	34.65	10.56	716.51	11.57	5,069.33	8.80
4th April 2022	RR	20-30	6.42	273.29	178.00	20.47	187.82	34.00	11.30	764.15	16.08	4,699.58	10.30
4th April 2022	RR	30-40	5.16	228.29	148.00	230.40	130.78	30.90	9.84	508.68	13.23	4,553.19	20.22
4th April 2022	SR	40-50	6.50	364.10	237.00	90.70	241.68	36.02	15.48	1,698.00	5.25	104.06	10.25
4th April 2022	SC	50-60	7.58	2,686.20	1,896.00	40.66	67.03	79.90	49.90	12,978.78	19.67	739.63	22.16
4th April 2022	RU	60-70	7.46	340.00	240.00	3.71	33.77	5.26	4.86	308.71	3.13	28.00	5.27
4th April 2022	RD	70-80	7.06	341.00	241.00	5.02	30.20	5.26	5.38	450.00	5.35	28.00	3.47
4th April 2022	DR	bulk sample	5.97	21.00	10.00	11.24	4.60	9.90	6.18	356.84	9.86	105.00	6.14
9th June 2022	RR	0-10	6.45	16.80	29.02	4.43	19.61	0.10	0.10	0.10	0.10	1,253.00	5.24
9th June 2022	RR	`10-20	6.25	15.50	36.21	1.01	18.27	0.10	0.10	0.10	0.10	921.09	6.25
9th June 2022	RR	20-30	6.05	11.02	11.66	0.94	17.97	0.10	0.10	0.10	0.10	854.00	3.25
9th June 2022	RR	30-40	5.45	5.01	4.21	1.24	17.73	0.10	0.10	0.10	0.10	297.00	2.99
9th June 2022	SR	40-50	6.80	100.36	77.02	38.00	131.96	16.84	4.94	1,200.02	4.56	49.51	5.25
9th June 2022	SC	50-60	8.54	1,425.00	134.23	93.80	36.25	68.90	36.80	1,924.68	25.10	450.96	2.54
9th June 2022	RU	60-70	7.45	339.00	226.00	3.37	42.25	1.05	0.01	526.88	0.93	2.36	3.58
9th June 2022	RD	70-80	7.30	340.00	226.00	4.52	42.00	4.06	1.41	693.00	2.60	4.26	3.21
9th June 2022	DR	bulk sample	7.75	36.60	27.00	3.25	11.24	2.90	1.65	331.63	3.35	52.00	10.20
9th September 2022	RR	0-10	6.68	15.30	20.00	10.02	5.36	23.05	4.00	66.61	2.54	1,120.00	2.68
9th September 2022	RR	`10-20	6.80	9.23	5.50	12.98	3.52	63.02	10.47	58.39	6.94	994.21	3.67
9th September 2022	RR	20-30	6.01	7.44	4.40	0.63	3.04	15.05	3.86	49.69	3.04	970.76	3.51
9th September 2022	RR	30-40	5.58	4.36	3.25	1.00	3.27	2.01	4.01	44.79	3.04	901.21	3.42
9th September 2022	SR	40-50	6.69	84.00	45.03	23.88	115.02	18.25	10.55	1,244.02	4.25	107.03	5.24
9th September 2022	SC	50-60	7.74	1,254.00	920.00	36.22	29.23	69.90	32.50	2,965.00	12.06	813.02	25.85
9th September 2022	RU	60-70	7.12	330.00	220.00	16.01	39.20	2.09	3.88	463.73	3.60	1.26	3.92
9th September 2022	RD	70-80	6.80	330.00	221.00	18.30	39.80	4.23	6.73	550.00	5.38	4.23	3.25
9th September 2022	DR	bulk sample	5.98	39.50	32.00	12.03	15.02	2.02	4.03	23.90	2.56	60.88	9.02