

Supplementary table 2. Quantification and semi-quantification of SARS-CoV-2 (N1 and N2 assays), JCPyV, HAdV, EV, RoV and NoV GI and GII in GC/L at the waste water treatment plant (WWTP).

AS: Active sampling, PS: passive sampling.

Sampling date	Replicate	WWTP															
		SARS-CoV-2 N1		SARS-CoV-2 N2		JCPyV		HAdV		EV		RoV		NoV GI		NoV GII	
		AS	PS	AS	PS	AS	PS	AS	PS	AS	PS	AS	PS	AS	PS	AS	PS
10/1/2022	1	6.01E+05	ND	3.50E+05	ND	9.07E+05	ND	4.70E+04	ND	8.49E+06	ND	1.85E+06	ND	3.33E+05	ND	2.72E+05	ND
	2	4.06E+04	ND	1.22E+04	ND	1.13E+07	9.75E+02	2.18E+04	2.09E+03	4.21E+06	ND	1.91E+06	ND	2.39E+05	6.75E+00	2.03E+05	2.19E+01
13/1/2022	1	1.49E+05	ND	6.23E+05	ND	8.08E+05	4.38E+01	5.02E+04	2.63E+02	3.53E+06	2.71E+02	4.56E+06	ND	2.01E+05	ND	2.65E+03	8.11E+00
	2	1.98E+05	ND	ND	ND	ND	3.49E+01	ND	5.68E+00	ND	1.01E+02	ND	ND	ND	ND	ND	ND
20/1/2022	1	1.30E+06	ND	5.59E+05	ND	1.91E+06	4.24E+02	1.34E+05	2.02E+03	2.53E+06	ND	2.53E+06	ND	2.46E+05	ND	3.12E+05	ND
	2	1.52E+06	ND	5.45E+05	ND	2.56E+06	7.37E+01	5.42E+04	2.96E+02	1.79E+06	ND	3.80E+06	ND	2.66E+05	ND	3.53E+05	ND
25/1/2022	1	1.92E+06	6.47E+02	7.21E+01	1.47E+06	9.71E+02	3.85E+04	2.88E+03	1.35E+05	ND	ND	ND	7.77E+04	7.18E+01	5.95E+04	2.01E+00	
	2	1.87E+06	2.97E+01	4.94E+02	ND	1.78E+06	7.12E+01	1.05E+05	4.73E+02	1.69E+06	ND	2.82E+06	ND	2.02E+05	ND	3.30E+05	ND
27/1/2022	1	1.23E+05	ND	2.47E+02	ND	1.08E+06	1.23E+02	7.69E+04	7.84E+01	2.57E+06	ND	4.01E+06	ND	1.22E+05	1.87E+01	1.29E+05	1.67E+01
	2	5.84E+04	1.61E+02	4.80E+01	3.35E+01	7.92E+05	1.05E+02	3.28E+04	1.96E+02	3.99E+06	ND	1.73E+07	ND	1.74E+05	ND	2.75E+05	7.72E+01
1/2/2022	1	1.40E+05	1.29E+02	7.10E+01	5.09E-01	1.45E+06	1.10E+03	6.74E+04	5.61E+03	3.24E+06	ND	3.54E+06	ND	2.39E+05	1.91E+01	1.90E+05	1.20E+01
	2	1.30E+05	ND	5.96E+02	2.17E+02	2.94E+06	1.05E+02	1.11E+05	3.59E+02	3.25E+06	ND	5.31E+06	ND	4.09E+05	1.13E-01	2.63E+05	ND
8/2/2022	1	2.10E+05	3.55E+01	4.15E+04	1.76E+00	8.57E+05	3.57E+02	7.76E+03	5.25E+02	3.40E+05	6.81E+03	ND	8.27E+03	2.69E+05	1.94E+02	5.85E+04	2.66E+02
	2	5.51E+04	4.72E+01	3.45E+04	2.02E+01	7.22E+05	3.40E+02	2.83E+04	6.64E+01	8.38E+06	ND	7.43E+06	ND	2.42E+05	3.30E+01	1.66E+05	3.92E+01
10/2/2022	1	ND	ND	8.83E+04	ND	9.35E+05	1.48E+02	2.56E+05	1.02E+02	7.90E+06	ND	ND	ND	2.58E+05	ND	3.95E+05	1.20E+01
	2	5.53E+03	1.09E+01	1.88E+05	ND	8.04E+05	6.31E+02	9.91E+04	4.31E+02	1.16E+07	1.64E+03	6.82E+07	9.01E+02	2.14E+05	ND	1.95E+05	ND
17/2/2022	1	3.08E+04	1.23E+01	2.37E+04	ND	3.71E+05	ND	7.99E+04	ND	9.52E+06	ND	9.06E+06	ND	2.78E+05	ND	2.62E+05	ND
	2	3.08E+04	ND	4.30E+04	1.62E+01	4.62E+05	6.23E+02	3.24E+04	2.34E+03	1.32E+07	ND	4.98E+06	2.82E+03	3.47E+05	ND	2.90E+05	5.68E+00
22/2/2022	1	8.19E+04	ND	1.33E+05	ND	1.21E+06	2.19E+02	2.56E+05	8.01E+02	9.39E+06	ND	2.22E+07	1.81E+03	9.12E+05	4.45E+00	7.36E+05	1.12E+00
	2	3.91E+04	ND	3.81E+04	ND	4.98E+05	8.93E+01	9.92E+04	1.86E+02	5.09E+06	ND	1.23E+07	1.46E+03	3.47E+05	8.13E+00	2.10E+05	1.13E+00
24/2/2022	1	5.95E+03	ND	4.74E+01	9.28E+00	6.31E+05	9.01E+02	5.05E+04	9.46E+02	8.59E+06	ND	7.56E+06	1.33E+04	4.40E+05	ND	3.43E+05	1.12E+00
	2	ND	ND	ND	ND	4.11E+05	1.55E+03	1.34E+02	1.14E+03	ND	ND	ND	ND	2.05E+04	3.57E+00	4.15E+02	4.51E+00
1/3/2022	1	8.58E+04	ND	1.35E+05	ND	9.54E+05	6.92E+01	2.13E+05	1.08E+03	2.40E+07	ND	4.08E+07	ND	8.44E+05	ND	3.33E+05	ND
	2	8.76E+04	ND	2.70E+05	ND	1.84E+06	3.93E+02	3.05E+05	3.34E+03	2.17E+07	ND	6.54E+07	ND	1.13E+06	ND	5.36E+05	ND
3/3/2022	1	1.06E+04	ND	8.16E+03	ND	2.00E+05	1.07E+01	6.59E+04	6.08E+02	6.14E+06	ND	2.45E+07	ND	7.32E+05	ND	3.27E+05	ND
	2	1.19E+04	ND	1.17E+04	ND	2.56E+05	2.63E+01	3.59E+04	7.98E+01	8.78E+06	ND	1.42E+07	ND	6.21E+05	ND	2.90E+05	ND
10/3/2022	1	2.61E+04	ND	3.56E+02	ND	1.30E+05	ND	5.15E+04	ND	3.80E+06	ND	1.60E+07	5.67E+04	5.00E+05	ND	2.08E+05	ND
	2	6.35E+03	ND	2.56E+04	ND	1.52E+05	1.14E+01	4.86E+04	2.75E+02	7.14E+06	ND	2.95E+07	ND	6.95E+05	ND	2.90E+05	ND
22/3/2022	1	8.19E+04	ND	4.29E+04	3.91E+01	1.21E+06	2.19E+02	1.74E+05	1.73E+03	4.12E+06	ND	6.00E+06	2.11E+04	2.83E+05	8.18E+01	1.47E+05	4.06E+01
	2	3.91E+04	ND	4.23E+04	1.23E+02	4.98E+05	8.93E+01	1.36E+05	4.13E+03	5.66E+06	ND	9.68E+06	ND	3.57E+05	6.59E+01	1.52E+05	8.17E+01