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Table 2. Synthesis of global data for sewage treatment works (1-33) and septic tank outflows (34-37). Sites 14-16 multiple samples have been taken over a day (14 n = 8; 15 n = 8; 16 n = 3) and mean values are presented. Sites 18-21 samples have been taken from the same site over a several seasons (RB = River Beult, RT = River Taw, CB = California Bay).

Site	Country	PO ₄ mg/L	δ ¹⁸ O _{PO4} ‰	δ ¹⁸ O _{H2O} ‰	T °C	Eδ ¹⁸ O _{PO4} ‰	Measured- Eδ ¹⁸ O _{PO4} ‰	Data Source
1	UK	7.65	11.1	-6.13	10.6	18.3	-7.2	this study
2	UK	15.7	8.7	-7.97	9.2	16.7	-8.0	this study
3	UK	15.0	10.9	-8.36	8.8	16.4	-5.5	this study
4	UK	11.9	15.1	-6.57	10.2	18.0	-2.9	this study
5	UK	14.3	14.2	-7.50	11.3	16.8	-2.6	this study
6	UK	25.2	11.6	-7.82	10.8	16.6	-5.0	this study
7	UK	14.0	11.4	-7.41	8.0	17.5	-6.1	this study
8	UK	19.1	12.9	-6.74	9.6	17.9	-5.0	this study
9	UK	2.50	15.8	-6.68	8.4	18.2	-2.4	this study
10	UK	17.1	9.4	-7.63	8.7	17.1	-7.7	this study
11	UK	20.7	14.1	-6.52	10.9	17.9	-3.8	this study
12	UK	21.2	11.5	-7.65	8.1	17.2	-5.7	this study
13	UK	17.1	14.3	-8.16	8.6	16.6	-2.3	this study
14	UK	2.35	14.5	-6.88	14.5	16.9	-2.4	this study
15	UK	0.35	14.0	-7.00	15.8	16.5	-2.5	this study
16	UK	0.16	11.5	-6.59	13.6	17.3	-5.8	this study
17	UK	1.10	15.8	-6.53	12.7	17.5	-1.8	Davies 2016
18(Sep2013)	UK,RB	0.92	14.7	-6.84	20.3	15.9	-1.2	Goody et al. 2016
18(Jan2014)	UK,RB	1.26	16.2	-7.32	9.6	17.3	-1.1	Goody et al. 2016
18(Mar2015)	UK,RB	1.19	16.2	-7.32	8.8	17.4	-1.3	Davies 2016
18(Sep2015)	UK,RB	1.80	16.1	-6.87	15.2	16.8	-0.6	Davies 2016
19(Jun2013)	UK,RT	7.58	19.7	-6.35	16.0	17.1	2.6	Granger et al. 2017
19(Sep2013)	UK,RT	6.96	19.6	-5.57	18.0	17.6	2.0	Granger et al. 2017
19(Dec2013)	UK,RT	3.70	18.2	-6.11	9.5	18.6	-0.4	Granger et al. 2017
20(Jun2013)	UK,RT	11.4	16.4	-6.31	17.2	17.0	-0.6	Granger et al. 2017
20(Sep2013)	UK,RT	10.0	16.9	-5.62	19.8	17.2	-0.3	Granger et al. 2017
20(Dec2013)	UK,RT	6.95	16.9	-5.88	10.5	18.6	-1.7	Granger et al. 2017
21(Oct2005)	USA,CB		9.1			7.3	1.8	Young et al. 2009
21(Jan2005)	USA,CB		12.3			11.6	0.7	Young et al. 2009
22	USA		8.4					McLaughlin et al. 2006
23	USA		11.1					McLaughlin et al. 2006
24	USA		8.4			7.3	1.1	Young et al. 2009
25	USA		11.1			8.4	2.7	Young et al. 2009
26	USA		8.7			3.4	5.3	Young et al. 2009
27	USA		9.0			3.5	5.5	Young et al. 2009
28	USA		13.6			11.5	2.1	Young et al. 2009
29	France	10.8	18.4	-4.3	12.0	20.0	-1.6	Gruau et al. 2005
30	France	9.13	16.6	-6.0	11.0	18.4	-1.8	Gruau et al. 2005
31	France	8.16	17.7	-4.2	12.7	19.9	-2.2	Gruau et al. 2005
32	France	10.8	18.0	-5.0	11.0	19.4	-1.4	Gruau et al. 2005
33	France	8.81	17.6	-4.3	13.8	19.6	-2.0	Gruau et al. 2005
34	Sweden		13.7					Tonderski et al. 2017
35	Sweden		16.2					Tonderski et al. 2017
36	Sweden		13.2					Tonderski et al.2017
37	Sweden		14.5					Tonderski et al.2017