

Correction

Correction: Gallagher, J.; Gill, L.W. The Life Cycle Environmental Performance of On-Site or Decentralised Wastewater Treatment Systems for Domestic Homes. *Water* 2021, 13, 2542

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In the original publication [1], there was a mistake in Table A3 (in Appendix B) as published. The error in question is one numerical typo in the first row of numerical results, the value 129.3 should be 1329.3. The corrected Table A3 appears below. The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original article has been updated.



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Appendix B

Table A3. A breakdown of the embodied (E), operational (O) and offset (O*) environmental burdens of each primary, secondary and tertiary treatment processes within the 10 on-site DWTTS.

System	Primary	Secondary	Tertiary		CC (kg CO ₂ eq./p.e.)	FE (kg P-eq./p.e.)	DW (m ³ water eq./p.e.)	ME (kg N-eq./p.e.)	F (MJ/p.e.)	MM (kg Sb eq./p.e.)
ST-SPT	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		SPT		E	1950.8	0.800	1.80	1139.27	47,867	7.5×10^{-2}
				O	-	-	-	-	-	-
ST-RPA	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		RPA		E	2152.7	0.857	2.01	1160.14	49,641	7.7×10^{-2}
				O	752.2	0.232	1.29	183.41	11,902	1.7×10^{-2}
ST-LPP	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		LPP		E	503.6	0.183	0.50	220.03	8937	1.7×10^{-2}
				O	752.2	0.598	2.30	623.47	29,775	5.0×10^{-2}
ST-SF-SPT	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		SF		E	512.2	0.224	0.61	429.45	7661	4.0×10^{-2}
				O	752.2	0.232	1.29	183.41	11,902	1.7×10^{-2}
			SPT	E	2144.2	0.856	2.01	1159.85	49,517	7.8×10^{-2}
				O	752.2	0.232	1.29	183.41	11,902	1.7×10^{-2}
ST-SF-RPA	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		SF		E	436.5	0.196	0.55	398.46	5711	3.9×10^{-2}
				O	752.2	0.232	1.29	183.41	11,902	1.7×10^{-2}
			RPA	E	2144.2	0.856	2.01	1159.85	49,517	7.8×10^{-2}
				O	752.2	0.232	1.29	183.41	11,901.5	1.7×10^{-2}
PAS-SPT	PA			E	527.7	0.083	0.41	236.89	18,259	4.6×10^{-3}
				O	1821.0	0.376	3.06	158.09	26,400	1.6×10^{-2}
		SPT		E	1950.8	0.800	1.80	1139.27	47,867	7.5×10^{-2}
				O	-	-	-	-	-	-
PMS-STP	PM			E	799.1	0.139	0.67	268.88	25,589	7.3×10^{-3}
				O	1821.0	0.376	3.06	158.09	26,400	1.6×10^{-2}
		SPT		E	2144.2	0.856	2.01	1159.85	49,517	7.8×10^{-2}
				O	1839.2	0.429	1.29	183.41	11,902	1.7×10^{-2}
PAS-SF-SPT	PA			E	527.7	0.083	0.41	236.89	18,259	4.6×10^{-3}
				O	1821.0	0.376	3.06	158.09	26,400	1.6×10^{-2}
		SF		E	348.4	0.192	0.44	419.22	6351	3.9×10^{-2}
				O	752.2	0.232	1.29	183.41	11,902	1.7×10^{-2}
			SPT	E	987.9	0.256	1.00	559.33	17,443	5.2×10^{-2}
				O	1839.2	0.429	3.44	439.99	30,549	3.8×10^{-2}
PAS-DD-SPT	PA			E	527.7	0.083	0.41	236.89	18,259	4.6×10^{-3}
				O	1821.0	0.376	3.06	158.09	26,400	1.6×10^{-2}
		DD		E	263.2	0.084	0.28	71.88	3136	6.1×10^{-3}
				O	1839.2	0.429	3.44	439.99	30,549	3.8×10^{-2}
			SPT	E	2144.2	0.856	2.01	1159.85	49,517	7.8×10^{-2}
				O	1839.2	0.429	3.44	439.99	30,549	3.8×10^{-2}
ST-W	ST			E	1329.3	0.498	1.19	541.97	33,282	2.7×10^{-2}
				O	424.9	0.088	0.71	36.89	6160	3.8×10^{-3}
		WW		E	14,989.1	6.032	16.60	10,707.88	335,244	7.1×10^{-1}
				O	760.8	0.233	1.30	183.71	12,026	1.6×10^{-2}
				O*	-14,265.0	-13.304	-255.72	-3127.13	-144,548	-2.4

Reference

- Gallagher, J.; Gill, L.W. The Life Cycle Environmental Performance of On-Site or Decentralised Wastewater Treatment Systems for Domestic Homes. *Water* **2021**, *13*, 2542. [[CrossRef](#)]