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ERRATUM

Erratum to: Development and characterization of DehaloR^2, a novel anaerobic microbial consortium performing rapid dechlorination of TCE to ethene

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Table 2 of the original publication contained errors. The corrected values (highlighted in bold type face in the updated Table below) show that the newly reported DehaloR^2 consortium and the cells of *Dehalococcoides* contained therein, displayed transformation activities comparable to those of the "Unnamed" culture in Table 2, whereas transformation activities tabulated for the SDC-9 consortium were ~3-4 times higher than those of DehaloR^2. Correction of the values does not change any of the interpretations provided in the study.

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Table 2 Comparison of maximum chlorinated ethene turnover rates $(\Delta C\ \Delta t^{-1})_{max}$ to ethene and the corresponding concentration of *Dehalococcoides* (X_{Dhc}), for select chlorinated ethene mixed microbial communities in batch serum bottles

Culture	$(\Delta C\ \Delta t^{-1})_{max}$ [mM Cl^- d^{-1}]	X_{Dhc} [cells L^{-1}]	$(\Delta C\ \Delta t^{-1})_{max}\ X_{Dhc}^{-1}$ [mmol Cl^- $cell^{-1}$ d^{-1}]
DehaloR^2	**0.92 ± 0.1 (TCE to 90 % ethene)**	$1.54 \pm 0.27 \times 10^{11}$	**$6.0 \pm 0.5 \times 10^{-12}$**
	0.75 ± 0.1 (TCE to 100 % ethene)	$1.54 \pm 0.27 \times 10^{11}$	**$4.9 \pm 0.4 \times 10^{-12}$**
SDC-9[a]	2.9 (PCE)	1.4×10^{11}	2.1×10^{-11}
Unnamed[b]	0.96 (PCE)	–	–
VS[c]	0.31 (VC)	4.0×10^{11}	7.8×10^{-13}
KB1[d]	0.16 (TCE)	8×10^{10}	–
ANAS	0.006[e] (TCE), 0.05[f] (TCE)	$1.0 \pm 0.29 \times 10^{10}$[e]	6×10^{-13}
BDI[g]	0.03 (TCE)	1×10^{11}	–

The turnover rate per *Dehalococcoides* cell was only calculated when values for $(\Delta C\ \Delta t^{-1})_{max}$ and X_{Dhc} were available from the same source and where data were from the stationary phase

[a] Vainberg et al. (2009), $(\Delta C\ \Delta t^{-1})_{max}$ was calculated from Fig. 4 and X_{Dhc} from Table 1

[b] Xiu et al. (2010)

[c] Cupples et al. (2004)

[d] Haest et al. (2010), $(\Delta C\ \Delta t^{-1})_{max}$ and X_{Dhc} were calculated from Fig. 2, and X_{Dhc} was the final concentration of cells

[e] Freeborn et al. (2005), $(\Delta C\ \Delta t^{-1})_{max}$ was from Fig. 1 and X_{Dhc} from Table 3

[f] Richardson et al. (2002), calculated assuming 200 μmoles TCE/bottle were reduced in 10 days

[g] Amos et al. (2008), $(\Delta C\ \Delta t^{-1})_{max}$ was calculated from Fig. 2 and X_{Dhc} was the final concentration of cells in Fig. 1