

Table S4: PTEs concentration after 15 (1) and 30 (2) days in Cavo site A waters (EL-1-AQ; EL-2-AQ), vegetable barriers (EL-1-VE; EL-2-VE), *T. harzianum* allochthonous myco-barriers (EL-1-TH.all.; EL-2-TH.all.), *P. ostreatus* myco-barriers (EL-1-PO; EL-2-PO), commercial barriers (EL-1-PA; EL-2-PA). nd= not detected. PTEs concentrations in water are expressed in $\mu\text{g L}^{-1}$, in barriers in mg kg^{-1} .

	EL-1-AQ	EL-1-VE		EL-1-TH.all.		EL-1-PO		EL-1-PA	
PTEs	1	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
Al	416.0	23.1	6.7	46.6	3.5	43.7	23.2	5824.2	752.0
Sb	nd	nd	nd	nd	nd	nd	nd	nd	nd
As	13.0	0.2	0.1	0.2	0.1	0.3	0.1	0.3	0.1
Cd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cr tot	nd	0.2	0.1	0.1	0.0	0.2	0.1	1.4	0.2
Fe	45.0	40.4	12.6	60.1	12.7	63.8	36.1	4159.4	544.9
Mn	76.0	1.7	0.5	2.8	0.6	3.3	0.5	141.5	17.2
Hg	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ni	3.0	0.3	0.1	0.2	0.0	0.2	0.1	0.6	0.1
Pb	nd	0.2	0.1	0.2	0.0	0.2	0.0	0.6	0.2
Cu	nd	1.3	0.5	2.5	0.3	2.8	0.4	1.5	0.5
Zn	29.0	6.0	1.8	7.3	0.5	14.7	2.4	11.9	7.8
	EL-2-AQ	EL-2-VE		EL-2-TH.all.		EL-2-PO		EL-2-PA	
PTEs	1.0	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
Al	173.0	23.8	6.6	63.1	22.0	38.5	19.6	6829.6	937.1
Sb	nd	nd	nd	nd	nd	nd	nd	nd	nd
As	11.0	nd	nd	0.2	0.1	0.2	0.0	0.6	0.5
Cd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cr tot	nd	0.5	0.4	0.2	0.1	0.2	0.1	1.6	0.2
Fe	59.0	48.8	30.1	82.9	48.8	147.9	134.0	4746.0	418.4
Mn	40.0	2.0	0.6	4.3	2.4	1.7	0.4	169.5	25.0
Hg	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ni	nd	0.3	0.1	0.3	0.1	0.2	0.1	0.8	0.1
Pb	nd	0.1	0.0	0.2	0.1	0.3	0.1	0.8	0.1

Cu	nd	0.9	0.5	4.0	1.9	1.5	0.7	2.3	0.6
Zn	29.0	3.4	2.5	6.7	1.1	9.0	3.4	19.4	3.1