

Table S5: 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* autochthonous myco-barriers (EL-1-TH.aut.; EL-2-TH.aut.), native mixture myco-barriers (EL-1-MIX; EL-2-MIX), 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.aut.		EL-1-MIX		EL-1-PA	
PTEs	1	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
Al	nd	31.5	11.1	22.5	10.2	8.9	0.3	8364.2	1376.5
Sb	nd	nd	nd	nd	nd	nd	nd	nd	nd
As	2.0	nd	nd	nd	nd	nd	nd	0.3	0.1
Cd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cr tot	nd	0.1	0.0	0.1	0.0	nd	nd	1.7	0.2
Fe	nd	36.6	5.0	31.2	4.9	39.2	15.0	5877.1	1013.0
Mn	14.0	1.5	0.3	1.9	0.7	0.8	0.5	175.8	30.3
Hg	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ni	nd	0.2	0.0	nd	nd	0.1	0.0	0.6	0.1
Pb	nd	nd	nd	0.2	0.1	0.1	0.0	0.7	0.1
Cu	nd	0.9	0.2	0.9	0.0	0.8	0.0	1.0	0.2
Zn	nd	2.2	0.5	2.9	0.2	2.0	0.3	14.0	2.1
	EL-2-AQ	EL-2-VE		EL-2-TH.aut.		EL-2-MIX		EL-2-PA	
PTEs	1.0	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
Al	nd	27.0	2.1	14.1	3.8	11.6	2.0	10005.8	989.3
Sb	2.6	nd	nd	nd	nd	nd	nd	nd	nd
As	2.0	nd	nd	nd	nd	nd	nd	0.5	0.2
Cd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cr tot	nd	0.1	0.0	nd	nd	nd	nd	1.9	0.2
Fe	18.0	50.4	7.8	26.6	2.0	78.0	11.0	6728.2	559.3
Mn	nd	2.5	0.7	2.4	0.5	1.7	0.2	201.2	20.6
Hg	0.5	nd	nd	nd	nd	nd	nd	nd	nd
Ni	nd	0.5	0.1	0.2	0.1	0.6	0.1	0.9	0.2
Pb	nd	0.5	0.2	0.3	0.2	0.3	0.1	1.0	0.3

Cu	nd	2.2	0.5	1.8	0.1	2.1	0.3	2.5	0.6
Zn	44.0	5.6	0.8	4.4	0.9	4.4	0.4	20.8	2.6