

## Supplementary information

**Table S 1.** pH and EC (mS/cm) measured in solutions tested with natural pH (*R. subcapitata*, *D. magna*, and *B. calyciflorus* tests).

Eluate concentration	<i>R. subcapitata</i>		<i>D. magna</i>		<i>B. calyciflorus</i>	
	EC	pH	EC	pH	EC	pH
Control	0.61	7.55	0.57	8.31	0.42	7.37
12.5% (v/v)	0.96	7.84	0.90	8.68	0.83	8.87
25% (v/v)	1.34	8.12	1.31	8.92	1.21	9.20
50% (v/v)	2.02	8.69	2.01	9.20	1.96	9.62

**Table S 2.** pH and EC (mS/cm) measured in solutions tested with natural and adjusted pH (*A. fischeri*, *D. magna*, and *T. platyurus* tests).

Eluate concentration	<i>A. fischeri</i>						<i>L. minor</i>				<i>T. platyurus</i>			
	Natural pH			Adjusted pH			Nat. pH		Adj. pH		Nat. pH		Adj. pH	
	EC <sup>a</sup>	EC <sup>b</sup>	pH	EC <sup>a</sup>	EC <sup>b</sup>	pH	EC	pH	EC	pH	EC	pH	EC	pH
Control	28.1	-	5.19	-	-	-	0.96	5.75	-	-	0.42	7.37	-	-
12.5% (v/v)	0.48	35.3	8.99	0.50	35.4	6.99	1.24	7.21	1.26	5.86	0.83	8.87	0.80	7.56
25% (v/v)	0.89	33.1	9.79	0.91	35.0	6.95	1.55	8.74	1.69	5.70	1.21	9.20	1.28	7.52
50% (v/v)	1.73	35.8	10.2	1.87	35.1	7.04	2.17	9.68	2.39	5.22	1.96	9.62	2.09	7.39

**Table S 3.** pH measured in solutions IBA solid dilutions with *A. globiformis*, *B. rapa*, *E. fetida*, and *F. candida*.

Waste concentration	<i>A. globiformis</i>	<i>B. rapa</i>	<i>E. fetida</i>	<i>F. candida</i>
Control	6.93	5.84	5.90	6.00
12.5% (v/v)	6.98	8.46	8.10	8.00
25% (v/v)	7.04	9.25	8.40	8.60
50% (v/v)	7.08	9.92	9.10	9.30