Supporting Information
for

Thiophilicity is a determinant of bioaccumulation in benthic fauna

Irene O'Callaghan[a,b], Dara Fitzpatrick[b] and Timothy Sullivan[a,c]

[a] School of Biological, Earth & Environmental Sciences, University College Cork, Ireland

[b] School of Chemistry, University College Cork, Ireland

[c] Environmental Research Institute, University College Cork, Ireland

Correspondence should be addressed to: irene.ocallaghan@ucc.ie

I. Experimental Data

Analyte	Sample	Site	Concentration [ppm]
Al	Freshwater Sediment	1	32452.2457
Ti	Freshwater Sediment	1	2388.1930
V	Freshwater Sediment	1	43.8762
Cr	Freshwater Sediment	1	38.3385
Mn	Freshwater Sediment	1	1458.8086
Fe	Freshwater Sediment	1	22095.4769
Co	Freshwater Sediment	1	8.6617
Ni	Freshwater Sediment	1	22.4913
Cu	Freshwater Sediment	1	15.5446
Zn	Freshwater Sediment	1	386.5625
As	Freshwater Sediment	1	8.1058
Pd	Freshwater Sediment	1	0.6677
Ag	Freshwater Sediment	1	0.8481
Cd	Freshwater Sediment	1	0.8699
Sb	Freshwater Sediment	1	4.4794
W	Freshwater Sediment	1	3.5607

Analyte	Sample	Site	Concentration [ppm]
Pt	Freshwater Sediment	1	3.3576
Pb	Freshwater Sediment	1	15.8225
Al	Freshwater Sediment	2	28540.0445
Ti	Freshwater Sediment	2	2710.3628
V	Freshwater Sediment	2	41.2036
Cr	Freshwater Sediment	2	37.9085
Mn	Freshwater Sediment	2	595.0238
Fe	Freshwater Sediment	2	25294.3211
Co	Freshwater Sediment	2	9.5306
Ni	Freshwater Sediment	2	25.0482
Cu	Freshwater Sediment	2	15.3407
Zn	Freshwater Sediment	2	239.4555
As	Freshwater Sediment	2	13.2008
Pd	Freshwater Sediment	2	0.5016
Ag	Freshwater Sediment	2	1.1338
Cd	Freshwater Sediment	2	1.2139
Sb	Freshwater Sediment	2	5.0073
W	Freshwater Sediment	2	6.2956
Pt	Freshwater Sediment	2	4.5302
Pb	Freshwater Sediment	2	36.9230
Al	*Asellus aquaticus*	1	2371.3316
Ti	*Asellus aquaticus*	1	302.3787
V	*Asellus aquaticus*	1	5.9729
Cr	*Asellus aquaticus*	1	8.0531
Mn	*Asellus aquaticus*	1	1024.4884
Fe	*Asellus aquaticus*	1	4150.8580
Co	*Asellus aquaticus*	1	3.2721
Ni	*Asellus aquaticus*	1	9.9191
Cu	*Asellus aquaticus*	1	118.5816
Zn	*Asellus aquaticus*	1	746.7529
As	*Asellus aquaticus*	1	3.7621
Ag	*Asellus aquaticus*	1	0.8937
Cd	*Asellus aquaticus*	1	1.2783
Sb	*Asellus aquaticus*	1	20.9301

Analyte	Sample	Site	Concentration [ppm]
W	*Asellus aquaticus*	1	13.7881
Pt	*Asellus aquaticus*	1	4.3348
Pb	*Asellus aquaticus*	1	15.4873
Al	*Gammarus sp.*	2	2136.3068
Ti	*Gammarus sp.*	2	508.4164
Cr	*Gammarus sp.*	2	18.1554
Mn	*Gammarus sp.*	2	845.2614
Fe	*Gammarus sp.*	2	1858.4088
Ni	*Gammarus sp.*	2	19.1141
Cu	*Gammarus sp.*	2	172.6403
Zn	*Gammarus sp.*	2	510.7013
Ag	*Gammarus sp.*	2	6.3488
Cd	*Gammarus sp.*	2	8.2125
Sb	*Gammarus sp.*	2	24.8462
W	*Gammarus sp.*	2	55.6070
Pb	*Gammarus sp.*	2	6.1415

II. Meta-analysis Data

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Bounbonari et al., 2009		Fe	Sediment		25625.000
Bounbonari et al., 2009		Fe	Macrophyte	*Ruppia maritima*	3021.000
Bounbonari et al., 2009		Fe	Macrophyte	*Ulva rigida*	8021.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Abra segmentos*	14271.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Hediste diversicolor*	6875.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Corophium orientale*	3854.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Ventrosia maritima*	1250.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Gammarus aequicauda*	1250.000
Bounbonari et al., 2009		Fe	Macroinvertebrate	*Crangon crangon*	208.000
Bounbonari et al., 2009		Pb	Sediment		98.700
Bounbonari et al., 2009		Pb	Macrophyte	*Ruppia maritima*	11.000
Bounbonari et al., 2009		Pb	Macrophyte	*Ulva rigida*	6.400

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Bounbonari et al., 2009		Pb	Macroinvertebrate	*Abra segmentos*	52.500
Bounbonari et al., 2009		Pb	Macroinvertebrate	*Hediste diversicolor*	15.600
Bounbonari et al., 2009		Pb	Macroinvertebrate	*Corophium orientale*	10.300
Bounbonari et al., 2009		Pb	Macroinvertebrate	*Ventrosia maritima*	2.800
Bounbonari et al., 2009		Pb	Macroinvertebrate	*Gammarus aequicauda*	5.300
Bounbonari et al., 2009		Cd	Sediment		0.220
Bounbonari et al., 2009		Cd	Macrophyte	*Ruppia maritima*	1.010
Bounbonari et al., 2009		Cd	Macrophyte	*Ulva rigida*	1.810
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Abra segmentos*	7.430
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Hediste diversicolor*	0.960
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Corophium orientale*	2.430
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Ventrosia maritima*	1.490
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Gammarus aequicauda*	1.450
Bounbonari et al., 2009		Cd	Macroinvertebrate	*Crangon crangon*	2.380
Bounbonari et al., 2009		Zn	Sediment		74.000
Bounbonari et al., 2009		Zn	Macrophyte	*Ruppia maritima*	106.000
Bounbonari et al., 2009		Zn	Macrophyte	*Ulva rigida*	54.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Abra segmentos*	146.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Hediste diversicolor*	241.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Corophium orientale*	181.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Ventrosia maritima*	55.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Gammarus aequicauda*	90.000
Bounbonari et al., 2009		Zn	Macroinvertebrate	*Crangon crangon*	93.000
Bounbonari et al., 2009		Cu	Sediment		69.280
Bounbonari et al., 2009		Cu	Macrophyte	*Ruppia maritima*	39.190
Bounbonari et al., 2009		Cu	Macrophyte	*Ulva rigida*	20.060
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Abra segmentos*	90.750
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Hediste diversicolor*	61.120
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Corophium orientale*	107.780
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Ventrosia maritima*	68.820
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Gammarus aequicauda*	87.950
Bounbonari et al., 2009		Cu	Macroinvertebrate	*Crangon crangon*	112.210
Culioli et al., 2009	P2	As	Sediment		9.135
Culioli et al., 2009	P2	Sb	Sediment		1.057

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Culioli et al., 2009	P2	As	Macroinvertebrate	*Leuctra budtzi*	1928.000
Culioli et al., 2009	P2	As	Macroinvertebrate	*Leuctra geniculata*	1396.120
Culioli et al., 2009	P2	As	Macroinvertebrate	*Silonella aurata*	574.000
Culioli et al., 2009	P2	As	Macroinvertebrate	*Baetis cyrneus*	432.470
Culioli et al., 2009	P2	As	Macroinvertebrate	*Helichus substriatus*	325.500
Culioli et al., 2009	P2	As	Macroinvertebrate	*Electrogena fallax*	301.000
Culioli et al., 2009	P2	As	Macroinvertebrate	*Ancylus fluviatilis*	271.800
Culioli et al., 2009	P2	As	Macroinvertebrate	*Baetis ingridae*	266.160
Culioli et al., 2009	P2	As	Macroinvertebrate	*Silo rufesens*	149.000
Culioli et al., 2009	P2	As	Macroinvertebrate	*Limnius intermedius*	6.300
Culioli et al., 2009	P2	As	Macroinvertebrate	*Caenis martae*	393.200
Culioli et al., 2009	P2	As	Macroinvertebrate	*Psychomyia pusilla*	27.160
Culioli et al., 2009	P2	As	Macroinvertebrate	*Hydropsyche cyrnotica*	168.200
Culioli et al., 2009	P2	As	Macroinvertebrate	*Hydropsyche fumata*	156.500
Culioli et al., 2009	P2	As	Macroinvertebrate	*Dugesia benazzii*	130.400
Culioli et al., 2009	P2	As	Macroinvertebrate	*Rhyacophila pubescens*	41.900
Culioli et al., 2009	P2	As	Macroinvertebrate	*Isoperla insularis*	23.720
Culioli et al., 2009	P2	As	Macroinvertebrate	*Rhyacophila tarda*	23.500
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Leuctra budtzi*	197.600
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Leuctra geniculata*	115.440
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Silonella aurata*	172.600
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Baetis cyrneus*	56.700
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Helichus substriatus*	47.500
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Electrogena fallax*	75.960
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Ancylus fluviatilis*	40.880
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Baetis ingridae*	42.240
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Silo rufesens*	65.000
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Limnius intermedius*	63.300
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Caenis martae*	59.950
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Psychomyia pusilla*	8.700
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Hydropsyche cyrnotica*	47.870
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Hydropsyche fumata*	51.120
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Dugesia benazzii*	26.400
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Rhyacophila pubescens*	35.200

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Isoperla insularis*	21.640
Culioli et al., 2009	P2	Sb	Macroinvertebrate	*Rhyacophila tarda*	16.950
Erasmus et al., 2020	S1	Cr	Sediment		417.600
Erasmus et al., 2020	S1	Ni	Sediment		108.700
Erasmus et al., 2020	S1	Cu	Sediment		64.300
Erasmus et al., 2020	S1	Zn	Sediment		38.000
Erasmus et al., 2020	S1	Cd	Sediment		0.095
Erasmus et al., 2020	S1	Pt	Sediment		0.015
Erasmus et al., 2020	S1	Pb	Sediment		13.000
Erasmus et al., 2020	S2	Cr	Sediment		1258.700
Erasmus et al., 2020	S2	Ni	Sediment		256.000
Erasmus et al., 2020	S2	Cu	Sediment		118.700
Erasmus et al., 2020	S2	Zn	Sediment		82.900
Erasmus et al., 2020	S2	Cd	Sediment		0.391
Erasmus et al., 2020	S2	Pt	Sediment		0.175
Erasmus et al., 2020	S2	Pb	Sediment		40.800
Erasmus et al., 2020	S3	Cr	Sediment		775.800
Erasmus et al., 2020	S3	Ni	Sediment		165.100
Erasmus et al., 2020	S3	Cu	Sediment		59.600
Erasmus et al., 2020	S3	Zn	Sediment		83.200
Erasmus et al., 2020	S3	Cd	Sediment		0.236
Erasmus et al., 2020	S3	Pt	Sediment		0.041
Erasmus et al., 2020	S3	Pb	Sediment		13.900
Erasmus et al., 2020	Mine	Cr	Sediment		1608.700
Erasmus et al., 2020	Mine	Ni	Sediment		198.700
Erasmus et al., 2020	Mine	Cu	Sediment		79.100
Erasmus et al., 2020	Mine	Zn	Sediment		391.100
Erasmus et al., 2020	Mine	Cd	Sediment		0.199
Erasmus et al., 2020	Mine	Pt	Sediment		0.608
Erasmus et al., 2020	Mine	Pb	Sediment		10.900
Erasmus et al., 2020	S1	Cr	Macroinvertebrate	*Lymnaeidae*	0.050
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Lymnaeidae*	0.030
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Lymnaeidae*	0.020
Erasmus et al., 2020	S1	Ni	Macroinvertebrate	*Lymnaeidae*	0.880

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Lymnaeidae*	0.970
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Lymnaeidae*	2.270
Erasmus et al., 2020	S1	Cu	Macroinvertebrate	*Lymnaeidae*	4.340
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Lymnaeidae*	3.820
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Lymnaeidae*	8.810
Erasmus et al., 2020	S1	Zn	Macroinvertebrate	*Lymnaeidae*	3.380
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Lymnaeidae*	1.480
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Lymnaeidae*	2.540
Erasmus et al., 2020	S1	Cd	Macroinvertebrate	*Lymnaeidae*	1.730
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Lymnaeidae*	0.620
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Lymnaeidae*	0.230
Erasmus et al., 2020	S1	Pt	Macroinvertebrate	*Lymnaeidae*	0.180
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Lymnaeidae*	0.140
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Lymnaeidae*	0.170
Erasmus et al., 2020	S1	Pb	Macroinvertebrate	*Lymnaeidae*	0.120
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Lymnaeidae*	0.050
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Lymnaeidae*	0.090
Erasmus et al., 2020	S1	Cr	Macroinvertebrate	*Baetidae*	0.070
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Baetidae*	0.050
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Baetidae*	0.020
Erasmus et al., 2020	S1	Ni	Macroinvertebrate	*Baetidae*	0.810
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Baetidae*	0.460
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Baetidae*	0.430
Erasmus et al., 2020	S1	Cu	Macroinvertebrate	*Baetidae*	2.910
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Baetidae*	1.850
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Baetidae*	1.730
Erasmus et al., 2020	S1	Zn	Macroinvertebrate	*Baetidae*	10.420
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Baetidae*	8.710
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Baetidae*	11.170
Erasmus et al., 2020	S1	Cd	Macroinvertebrate	*Baetidae*	6.990
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Baetidae*	4.320
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Baetidae*	0.230
Erasmus et al., 2020	S1	Pt	Macroinvertebrate	*Baetidae*	0.300
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Baetidae*	0.090

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Baetidae*	0.080
Erasmus et al., 2020	S1	Pb	Macroinvertebrate	*Baetidae*	0.170
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Baetidae*	0.080
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Baetidae*	0.060
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Hydropsychidae*	0.030
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Hydropsychidae*	0.310
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Hydropsychidae*	1.380
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Hydropsychidae*	4.160
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Hydropsychidae*	1.000
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Hydropsychidae*	0.020
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Hydropsychidae*	0.080
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Chironomidae*	0.060
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Chironomidae*	0.880
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Chironomidae*	2.830
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Chironomidae*	4.330
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Chironomidae*	0.190
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Chironomidae*	0.140
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Chironomidae*	0.160
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Tubificidae*	0.070
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Tubificidae*	0.780
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Tubificidae*	1.420
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Tubificidae*	7.750
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Tubificidae*	1.640
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Tubificidae*	0.500
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Tubificidae*	0.150
Erasmus et al., 2020	S1	Cr	Macroinvertebrate	*Potamonautidae*	0.020
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Potamonautidae*	0.010
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Potamonautidae*	0.010
Erasmus et al., 2020	S1	Ni	Macroinvertebrate	*Potamonautidae*	0.470
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Potamonautidae*	0.410
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Potamonautidae*	0.950
Erasmus et al., 2020	S1	Cu	Macroinvertebrate	*Potamonautidae*	3.870
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Potamonautidae*	4.210
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Potamonautidae*	7.960

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Erasmus et al., 2020	S1	Zn	Macroinvertebrate	*Potamonautidae*	6.370
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Potamonautidae*	2.680
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Potamonautidae*	3.630
Erasmus et al., 2020	S1	Cd	Macroinvertebrate	*Potamonautidae*	0.660
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Potamonautidae*	0.520
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Potamonautidae*	0.170
Erasmus et al., 2020	S1	Pt	Macroinvertebrate	*Potamonautidae*	0.050
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Potamonautidae*	0.030
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Potamonautidae*	0.060
Erasmus et al., 2020	S1	Pb	Macroinvertebrate	*Potamonautidae*	0.050
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Potamonautidae*	0.020
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Potamonautidae*	0.040
Erasmus et al., 2020	S1	Cr	Macroinvertebrate	*Coenagrionidae*	0.070
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Coenagrionidae*	0.020
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Coenagrionidae*	0.020
Erasmus et al., 2020	S1	Ni	Macroinvertebrate	*Coenagrionidae*	0.830
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Coenagrionidae*	0.180
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Coenagrionidae*	0.550
Erasmus et al., 2020	S1	Cu	Macroinvertebrate	*Coenagrionidae*	2.020
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Coenagrionidae*	1.160
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Coenagrionidae*	1.760
Erasmus et al., 2020	S1	Zn	Macroinvertebrate	*Coenagrionidae*	11.040
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Coenagrionidae*	4.970
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Coenagrionidae*	4.680
Erasmus et al., 2020	S1	Cd	Macroinvertebrate	*Coenagrionidae*	1.630
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Coenagrionidae*	1.480
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Coenagrionidae*	0.090
Erasmus et al., 2020	S1	Pt	Macroinvertebrate	*Coenagrionidae*	0.210
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Coenagrionidae*	0.020
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Coenagrionidae*	0.080
Erasmus et al., 2020	S1	Pb	Macroinvertebrate	*Coenagrionidae*	0.130
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Coenagrionidae*	0.030
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Coenagrionidae*	0.060
Erasmus et al., 2020	S1	Cr	Macroinvertebrate	*Libellulidae*	0.060

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Erasmus et al., 2020	S2	Cr	Macroinvertebrate	*Libellulidae*	0.030
Erasmus et al., 2020	S3	Cr	Macroinvertebrate	*Libellulidae*	0.030
Erasmus et al., 2020	Mine	Cr	Macroinvertebrate	*Libellulidae*	0.040
Erasmus et al., 2020	S1	Ni	Macroinvertebrate	*Libellulidae*	0.520
Erasmus et al., 2020	S2	Ni	Macroinvertebrate	*Libellulidae*	0.300
Erasmus et al., 2020	S3	Ni	Macroinvertebrate	*Libellulidae*	0.800
Erasmus et al., 2020	Mine	Ni	Macroinvertebrate	*Libellulidae*	0.820
Erasmus et al., 2020	S1	Cu	Macroinvertebrate	*Libellulidae*	1.420
Erasmus et al., 2020	S2	Cu	Macroinvertebrate	*Libellulidae*	1.650
Erasmus et al., 2020	S3	Cu	Macroinvertebrate	*Libellulidae*	2.250
Erasmus et al., 2020	Mine	Cu	Macroinvertebrate	*Libellulidae*	1.500
Erasmus et al., 2020	S1	Zn	Macroinvertebrate	*Libellulidae*	8.440
Erasmus et al., 2020	S2	Zn	Macroinvertebrate	*Libellulidae*	4.150
Erasmus et al., 2020	S3	Zn	Macroinvertebrate	*Libellulidae*	4.070
Erasmus et al., 2020	Mine	Zn	Macroinvertebrate	*Libellulidae*	1.250
Erasmus et al., 2020	S1	Cd	Macroinvertebrate	*Libellulidae*	0.580
Erasmus et al., 2020	S2	Cd	Macroinvertebrate	*Libellulidae*	0.520
Erasmus et al., 2020	S3	Cd	Macroinvertebrate	*Libellulidae*	0.100
Erasmus et al., 2020	Mine	Cd	Macroinvertebrate	*Libellulidae*	0.150
Erasmus et al., 2020	S1	Pt	Macroinvertebrate	*Libellulidae*	0.230
Erasmus et al., 2020	S2	Pt	Macroinvertebrate	*Libellulidae*	0.030
Erasmus et al., 2020	S3	Pt	Macroinvertebrate	*Libellulidae*	0.060
Erasmus et al., 2020	Mine	Pt	Macroinvertebrate	*Libellulidae*	0.100
Erasmus et al., 2020	S1	Pb	Macroinvertebrate	*Libellulidae*	0.140
Erasmus et al., 2020	S2	Pb	Macroinvertebrate	*Libellulidae*	0.040
Erasmus et al., 2020	S3	Pb	Macroinvertebrate	*Libellulidae*	0.090
Erasmus et al., 2020	Mine	Pb	Macroinvertebrate	*Libellulidae*	0.170
Farag et al., 2007	LBR	As	Sediment		20.000
Farag et al., 2007	UBR	As	Sediment		13.000
Farag et al., 2007	REF 1	As	Sediment		17.000
Farag et al., 2007	LHO	As	Sediment		740.000
Farag et al., 2007	LCC	As	Sediment		580.000
Farag et al., 2007	MCC	As	Sediment		250.000
Farag et al., 2007	UCC	As	Sediment		96.000

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Farag et al., 2007	LBC	As	Sediment		140.000
Farag et al., 2007	JC	As	Sediment		330.000
Farag et al., 2007	BRRC REF 2	As	Sediment		8.300
Farag et al., 2007	BRBC	As	Sediment		20.000
Farag et al., 2007	BRCC	As	Sediment		55.000
Farag et al., 2007	BRGG	As	Sediment		99.000
Farag et al., 2007	LHO	Cd	Sediment		14.000
Farag et al., 2007	LCC	Cd	Sediment		11.000
Farag et al., 2007	MCC	Cd	Sediment		9.300
Farag et al., 2007	UCC	Cd	Sediment		3.000
Farag et al., 2007	LBC	Cd	Sediment		3.900
Farag et al., 2007	JC	Cd	Sediment		4.200
Farag et al., 2007	BRCC	Cd	Sediment		3.200
Farag et al., 2007	BRGG	Cd	Sediment		2.800
Farag et al., 2007	LBR	Cu	Sediment		13.000
Farag et al., 2007	UBR	Cu	Sediment		7.800
Farag et al., 2007	REF 1	Cu	Sediment		10.000
Farag et al., 2007	LHO	Cu	Sediment		140.000
Farag et al., 2007	LCC	Cu	Sediment		440.000
Farag et al., 2007	MCC	Cu	Sediment		450.000
Farag et al., 2007	UCC	Cu	Sediment		110.000
Farag et al., 2007	LBC	Cu	Sediment		98.000
Farag et al., 2007	JC	Cu	Sediment		180.000
Farag et al., 2007	BRRC REF 2	Cu	Sediment		16.000
Farag et al., 2007	BRBC	Cu	Sediment		38.000
Farag et al., 2007	BRCC	Cu	Sediment		110.000
Farag et al., 2007	BRGG	Cu	Sediment		84.000
Farag et al., 2007	LBR	Pb	Sediment		26.000
Farag et al., 2007	UBR	Pb	Sediment		10.000
Farag et al., 2007	REF 1	Pb	Sediment		18.000
Farag et al., 2007	LHO	Pb	Sediment		1100.000
Farag et al., 2007	LCC	Pb	Sediment		390.000
Farag et al., 2007	MCC	Pb	Sediment		280.000
Farag et al., 2007	UCC	Pb	Sediment		220.000

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Farag et al., 2007	LBC	Pb	Sediment		150.000
Farag et al., 2007	JC	Pb	Sediment		190.000
Farag et al., 2007	BRRC REF 2	Pb	Sediment		13.000
Farag et al., 2007	BRBC	Pb	Sediment		27.000
Farag et al., 2007	BRCC	Pb	Sediment		80.000
Farag et al., 2007	BRGG	Pb	Sediment		99.000
Farag et al., 2007	LBR	Zn	Sediment		100.000
Farag et al., 2007	UBR	Zn	Sediment		40.000
Farag et al., 2007	REF 1	Zn	Sediment		70.000
Farag et al., 2007	LHO	Zn	Sediment		3400.000
Farag et al., 2007	LCC	Zn	Sediment		1300.000
Farag et al., 2007	MCC	Zn	Sediment		930.000
Farag et al., 2007	UCC	Zn	Sediment		440.000
Farag et al., 2007	LBC	Zn	Sediment		640.000
Farag et al., 2007	JC	Zn	Sediment		490.000
Farag et al., 2007	BRRC REF 2	Zn	Sediment		74.000
Farag et al., 2007	BRBC	Zn	Sediment		180.000
Farag et al., 2007	BRCC	Zn	Sediment		430.000
Farag et al., 2007	BRGG	Zn	Sediment		490.000
Farag et al., 2007	LBR	As	Macroinvertebrate		2.300
Farag et al., 2007	UBR	As	Macroinvertebrate		3.700
Farag et al., 2007	REF 1	As	Macroinvertebrate		3.000
Farag et al., 2007	LHO	As	Macroinvertebrate		60.000
Farag et al., 2007	LCC	As	Macroinvertebrate		63.000
Farag et al., 2007	MCC	As	Macroinvertebrate		80.100
Farag et al., 2007	UCC	As	Macroinvertebrate		7.500
Farag et al., 2007	LBC	As	Macroinvertebrate		21.500
Farag et al., 2007	JC	As	Macroinvertebrate		77.000
Farag et al., 2007	BRRC REF 2	As	Macroinvertebrate		4.600
Farag et al., 2007	BRBC	As	Macroinvertebrate		5.300
Farag et al., 2007	BRCC	As	Macroinvertebrate		13.100
Farag et al., 2007	BRGG	As	Macroinvertebrate		26.700
Farag et al., 2007	LBR	Cd	Macroinvertebrate		3.700

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Farag et al., 2007	UBR	Cd	Macroinvertebrate		0.900
Farag et al., 2007	REF 1	Cd	Macroinvertebrate		2.300
Farag et al., 2007	LHO	Cd	Macroinvertebrate		16.700
Farag et al., 2007	LCC	Cd	Macroinvertebrate		59.300
Farag et al., 2007	MCC	Cd	Macroinvertebrate		35.000
Farag et al., 2007	UCC	Cd	Macroinvertebrate		15.900
Farag et al., 2007	LBC	Cd	Macroinvertebrate		18.100
Farag et al., 2007	JC	Cd	Macroinvertebrate		10.000
Farag et al., 2007	BRRC REF 2	Cd	Macroinvertebrate		1.100
Farag et al., 2007	BRBC	Cd	Macroinvertebrate		10.600
Farag et al., 2007	BRCC	Cd	Macroinvertebrate		16.200
Farag et al., 2007	BRGG	Cd	Macroinvertebrate		11.700
Farag et al., 2007	LBR	Cu	Macroinvertebrate		38.000
Farag et al., 2007	UBR	Cu	Macroinvertebrate		30.000
Farag et al., 2007	REF 1	Cu	Macroinvertebrate		34.000
Farag et al., 2007	LHO	Cu	Macroinvertebrate		74.000
Farag et al., 2007	LCC	Cu	Macroinvertebrate		340.000
Farag et al., 2007	MCC	Cu	Macroinvertebrate		268.000
Farag et al., 2007	UCC	Cu	Macroinvertebrate		77.000
Farag et al., 2007	LBC	Cu	Macroinvertebrate		92.000
Farag et al., 2007	JC	Cu	Macroinvertebrate		319.000
Farag et al., 2007	BRRC REF 2	Cu	Macroinvertebrate		29.000
Farag et al., 2007	BRBC	Cu	Macroinvertebrate		85.000
Farag et al., 2007	BRCC	Cu	Macroinvertebrate		111.000
Farag et al., 2007	BRGG	Cu	Macroinvertebrate		98.000
Farag et al., 2007	LBR	Pb	Macroinvertebrate		1.200
Farag et al., 2007	UBR	Pb	Macroinvertebrate		1.000
Farag et al., 2007	REF 1	Pb	Macroinvertebrate		1.200
Farag et al., 2007	LHO	Pb	Macroinvertebrate		36.000
Farag et al., 2007	LCC	Pb	Macroinvertebrate		34.000
Farag et al., 2007	MCC	Pb	Macroinvertebrate		24.100
Farag et al., 2007	UCC	Pb	Macroinvertebrate		11.200
Farag et al., 2007	LBC	Pb	Macroinvertebrate		12.400
Farag et al., 2007	JC	Pb	Macroinvertebrate		12.600

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Farag et al., 2007	BRRC REF 2	Pb	Macroinvertebrate		1.600
Farag et al., 2007	BRBC	Pb	Macroinvertebrate		3.300
Farag et al., 2007	BRCC	Pb	Macroinvertebrate		8.500
Farag et al., 2007	BRGG	Pb	Macroinvertebrate		38.000
Farag et al., 2007	LBR	Zn	Macroinvertebrate		340.000
Farag et al., 2007	UBR	Zn	Macroinvertebrate		235.000
Farag et al., 2007	REF 1	Zn	Macroinvertebrate		288.000
Farag et al., 2007	LHO	Zn	Macroinvertebrate		3090.000
Farag et al., 2007	LCC	Zn	Macroinvertebrate		2410.000
Farag et al., 2007	MCC	Zn	Macroinvertebrate		2070.000
Farag et al., 2007	UCC	Zn	Macroinvertebrate		1050.000
Farag et al., 2007	LBC	Zn	Macroinvertebrate		929.000
Farag et al., 2007	JC	Zn	Macroinvertebrate		580.000
Farag et al., 2007	BRRC REF 2	Zn	Macroinvertebrate		237.000
Farag et al., 2007	BRBC	Zn	Macroinvertebrate		584.000
Farag et al., 2007	BRCC	Zn	Macroinvertebrate		977.000
Farag et al., 2007	BRGG	Zn	Macroinvertebrate		669.000
Levit et al., 2020	S1	Zn	Macroinvertebrate	*Amphipoda*	63.100
Levit et al., 2020	S2	Zn	Macroinvertebrate	*Amphipoda*	59.500
Levit et al., 2020	S3	Zn	Macroinvertebrate	*Amphipoda*	61.300
Levit et al., 2020	S4	Zn	Macroinvertebrate	*Amphipoda*	72.600
Levit et al., 2020	S5	Zn	Macroinvertebrate	*Amphipoda*	57.200
Levit et al., 2020	S6	Zn	Macroinvertebrate	*Amphipoda*	58.100
Levit et al., 2020	S1	Zn	Macroinvertebrate	*Bivalvia*	21.800
Levit et al., 2020	S4	Zn	Macroinvertebrate	*Bivalvia*	24.800
Levit et al., 2020	S1	Zn	Macroinvertebrate	*Gastropoda*	27.700
Levit et al., 2020	S4	Zn	Macroinvertebrate	*Gastropoda*	44.600
Levit et al., 2020	S1	Zn	Macroinvertebrate	*Hirudinea*	110.000
Levit et al., 2020	S4	Zn	Macroinvertebrate	*Hirudinea*	381.000
Levit et al., 2020	S4	Zn	Macroinvertebrate	*Oligocha?ta*	145.000
Levit et al., 2020	S6	Zn	Macroinvertebrate	*Oligocha?ta*	71.500
Levit et al., 2020	S1	Cd	Macroinvertebrate	*Amphipoda*	0.410
Levit et al., 2020	S2	Cd	Macroinvertebrate	*Amphipoda*	0.200
Levit et al., 2020	S3	Cd	Macroinvertebrate	*Amphipoda*	0.330

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Levit et al., 2020	S4	Cd	Macroinvertebrate	*Amphipoda*	0.170
Levit et al., 2020	S5	Cd	Macroinvertebrate	*Amphipoda*	0.180
Levit et al., 2020	S6	Cd	Macroinvertebrate	*Amphipoda*	0.130
Levit et al., 2020	S1	Cd	Macroinvertebrate	*Bivalvia*	0.180
Levit et al., 2020	S4	Cd	Macroinvertebrate	*Bivalvia*	0.140
Levit et al., 2020	S1	Cd	Macroinvertebrate	*Gastropoda*	0.330
Levit et al., 2020	S4	Cd	Macroinvertebrate	*Gastropoda*	0.110
Levit et al., 2020	S1	Cd	Macroinvertebrate	*Hirudinea*	0.800
Levit et al., 2020	S4	Cd	Macroinvertebrate	*Hirudinea*	0.170
Levit et al., 2020	S4	Cd	Macroinvertebrate	*Oligocha?ta*	0.370
Levit et al., 2020	S6	Cd	Macroinvertebrate	*Oligocha?ta*	0.320
Levit et al., 2020	S1	Pb	Macroinvertebrate	*Amphipoda*	1.890
Levit et al., 2020	S2	Pb	Macroinvertebrate	*Amphipoda*	1.180
Levit et al., 2020	S3	Pb	Macroinvertebrate	*Amphipoda*	2.940
Levit et al., 2020	S4	Pb	Macroinvertebrate	*Amphipoda*	2.830
Levit et al., 2020	S5	Pb	Macroinvertebrate	*Amphipoda*	1.440
Levit et al., 2020	S6	Pb	Macroinvertebrate	*Amphipoda*	1.500
Levit et al., 2020	S1	Pb	Macroinvertebrate	*Bivalvia*	1.670
Levit et al., 2020	S4	Pb	Macroinvertebrate	*Bivalvia*	1.520
Levit et al., 2020	S1	Pb	Macroinvertebrate	*Gastropoda*	1.810
Levit et al., 2020	S4	Pb	Macroinvertebrate	*Gastropoda*	1.430
Levit et al., 2020	S1	Pb	Macroinvertebrate	*Hirudinea*	10.100
Levit et al., 2020	S4	Pb	Macroinvertebrate	*Hirudinea*	10.500
Levit et al., 2020	S4	Pb	Macroinvertebrate	*Oligocha?ta*	21.300
Levit et al., 2020	S6	Pb	Macroinvertebrate	*Oligocha?ta*	3.220
Levit et al., 2020	S1	Cu	Macroinvertebrate	*Amphipoda*	49.800
Levit et al., 2020	S2	Cu	Macroinvertebrate	*Amphipoda*	22.100
Levit et al., 2020	S3	Cu	Macroinvertebrate	*Amphipoda*	22.100
Levit et al., 2020	S4	Cu	Macroinvertebrate	*Amphipoda*	55.500
Levit et al., 2020	S5	Cu	Macroinvertebrate	*Amphipoda*	49.100
Levit et al., 2020	S6	Cu	Macroinvertebrate	*Amphipoda*	39.900
Levit et al., 2020	S1	Cu	Macroinvertebrate	*Bivalvia*	3.400
Levit et al., 2020	S4	Cu	Macroinvertebrate	*Bivalvia*	8.100
Levit et al., 2020	S1	Cu	Macroinvertebrate	*Gastropoda*	26.200

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Levit et al., 2020	S4	Cu	Macroinvertebrate	*Gastropoda*	20.100
Levit et al., 2020	S1	Cu	Macroinvertebrate	*Hirudinea*	30.600
Levit et al., 2020	S4	Cu	Macroinvertebrate	*Hirudinea*	18.200
Levit et al., 2020	S4	Cu	Macroinvertebrate	*Oligocha?ta*	14.500
Levit et al., 2020	S6	Cu	Macroinvertebrate	*Oligocha?ta*	8.900
Levit et al., 2020	S1	Mn	Macroinvertebrate	*Amphipoda*	185.000
Levit et al., 2020	S2	Mn	Macroinvertebrate	*Amphipoda*	158.000
Levit et al., 2020	S3	Mn	Macroinvertebrate	*Amphipoda*	152.000
Levit et al., 2020	S4	Mn	Macroinvertebrate	*Amphipoda*	101.000
Levit et al., 2020	S5	Mn	Macroinvertebrate	*Amphipoda*	104.000
Levit et al., 2020	S6	Mn	Macroinvertebrate	*Amphipoda*	173.000
Levit et al., 2020	S1	Mn	Macroinvertebrate	*Bivalvia*	147.000
Levit et al., 2020	S4	Mn	Macroinvertebrate	*Bivalvia*	200.000
Levit et al., 2020	S1	Mn	Macroinvertebrate	*Gastropoda*	155.000
Levit et al., 2020	S4	Mn	Macroinvertebrate	*Gastropoda*	83.000
Levit et al., 2020	S1	Mn	Macroinvertebrate	*Hirudinea*	204.000
Levit et al., 2020	S4	Mn	Macroinvertebrate	*Hirudinea*	119.000
Levit et al., 2020	S4	Mn	Macroinvertebrate	*Oligocha?ta*	200.000
Levit et al., 2020	S6	Mn	Macroinvertebrate	*Oligocha?ta*	523.000
Levit et al., 2020	S1	Fe	Macroinvertebrate	*Amphipoda*	1370.000
Levit et al., 2020	S2	Fe	Macroinvertebrate	*Amphipoda*	541.000
Levit et al., 2020	S3	Fe	Macroinvertebrate	*Amphipoda*	1430.000
Levit et al., 2020	S4	Fe	Macroinvertebrate	*Amphipoda*	550.000
Levit et al., 2020	S5	Fe	Macroinvertebrate	*Amphipoda*	574.000
Levit et al., 2020	S6	Fe	Macroinvertebrate	*Amphipoda*	1105.000
Levit et al., 2020	S1	Fe	Macroinvertebrate	*Bivalvia*	479.000
Levit et al., 2020	S4	Fe	Macroinvertebrate	*Bivalvia*	541.000
Levit et al., 2020	S1	Fe	Macroinvertebrate	*Gastropoda*	731.000
Levit et al., 2020	S4	Fe	Macroinvertebrate	*Gastropoda*	622.000
Levit et al., 2020	S1	Fe	Macroinvertebrate	*Hirudinea*	2580.000
Levit et al., 2020	S4	Fe	Macroinvertebrate	*Hirudinea*	2590.000
Levit et al., 2020	S4	Fe	Macroinvertebrate	*Oligocha?ta*	5020.000
Levit et al., 2020	S6	Fe	Macroinvertebrate	*Oligocha?ta*	3830.000
Levit et al., 2020	S1	Zn	Sediment		27.800

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Levit et al., 2020	S2	Zn	Sediment		20.900
Levit et al., 2020	S3	Zn	Sediment		19.900
Levit et al., 2020	S4	Zn	Sediment		59.000
Levit et al., 2020	S5	Zn	Sediment		9.700
Levit et al., 2020	S6	Zn	Sediment		11.700
Levit et al., 2020	S1	Cd	Sediment		0.180
Levit et al., 2020	S2	Cd	Sediment		0.100
Levit et al., 2020	S3	Cd	Sediment		0.080
Levit et al., 2020	S4	Cd	Sediment		0.290
Levit et al., 2020	S5	Cd	Sediment		0.030
Levit et al., 2020	S6	Cd	Sediment		0.050
Levit et al., 2020	S1	Pb	Sediment		25.700
Levit et al., 2020	S2	Pb	Sediment		20.900
Levit et al., 2020	S3	Pb	Sediment		36.700
Levit et al., 2020	S4	Pb	Sediment		24.200
Levit et al., 2020	S5	Pb	Sediment		14.000
Levit et al., 2020	S6	Pb	Sediment		13.200
Levit et al., 2020	S1	Cu	Sediment		13.400
Levit et al., 2020	S2	Cu	Sediment		1.320
Levit et al., 2020	S3	Cu	Sediment		2.980
Levit et al., 2020	S4	Cu	Sediment		5.910
Levit et al., 2020	S5	Cu	Sediment		1.010
Levit et al., 2020	S6	Cu	Sediment		1.250
Levit et al., 2020	S1	Mn	Sediment		204.000
Levit et al., 2020	S2	Mn	Sediment		189.000
Levit et al., 2020	S3	Mn	Sediment		291.000
Levit et al., 2020	S4	Mn	Sediment		295.000
Levit et al., 2020	S5	Mn	Sediment		64.000
Levit et al., 2020	S6	Mn	Sediment		291.000
Levit et al., 2020	S1	Fe	Sediment		8040.000
Levit et al., 2020	S2	Fe	Sediment		4520.000
Levit et al., 2020	S3	Fe	Sediment		7850.000
Levit et al., 2020	S4	Fe	Sediment		8060.000
Levit et al., 2020	S5	Fe	Sediment		9820.000

Study	Site	Analyte	Sample	Taxonomy	Concentration [ppm]
Levit et al., 2020	S6	Fe	Sediment		8900.000
Pourang, 1996		Pb	Sediment		24.200
Pourang, 1996		Pb	Macroinvertebrate	*Chironomidae*	13.900
Pourang, 1996		Pb	Macroinvertebrate	*Tubifex tubifex*	19.200
Pourang, 1996		Pb	Macroinvertebrate	*Mytilaster lineatus*	24.300
Pourang, 1996		Pb	Macroinvertebrate	*Corbicula fluminalis*	5.800
Pourang, 1996		Cu	Sediment		38.300
Pourang, 1996		Cu	Macroinvertebrate	*Chironomidae*	49.900
Pourang, 1996		Cu	Macroinvertebrate	*Tubifex tubifex*	77.400
Pourang, 1996		Cu	Macroinvertebrate	*Mytilaster lineatus*	35.600
Pourang, 1996		Cu	Macroinvertebrate	*Corbicula fluminalis*	24.800
Pourang, 1996		Zn	Sediment		87.500
Pourang, 1996		Zn	Macroinvertebrate	*Chironomidae*	79.500
Pourang, 1996		Zn	Macroinvertebrate	*Tubifex tubifex*	154.300
Pourang, 1996		Zn	Macroinvertebrate	*Mytilaster lineatus*	262.900
Pourang, 1996		Zn	Macroinvertebrate	*Corbicula fluminalis*	53.100
Pourang, 1996		Mn	Sediment		840.200
Pourang, 1996		Mn	Macroinvertebrate	*Chironomidae*	3.300
Pourang, 1996		Mn	Macroinvertebrate	*Tubifex tubifex*	8.400
Pourang, 1996		Mn	Macroinvertebrate	*Mytilaster lineatus*	6.200
Pourang, 1996		Mn	Macroinvertebrate	*Corbicula fluminalis*	4.300