

Table 3 Results of heavy metal analysis: samples of river water and sediment collected from the Matanza-Riachuelo Basin, Argentina 1997.

Sample Number	Sample Type	Sample Description (see also, map of sampling locations)	Mn (ppm)	Cr (ppm)	Zn (ppm)	Cu (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)	Cd (ppm)	Hg (ppm)
AG7001	Sediment	Rio Matanza, Canuelas/Marcos Paz	353	28	90	32	16	14	7	1	0.2
AG7002	Sediment	Rio Matanza, Canuelas/Marcos Paz	249	15	91	20	17	7	5	1	0.2
AG7005	Sediment	Rio Matanza, La Matanza/Ezeiza	372	33	138	28	21	10	7	n/d	n/d
AG7006	Sediment	Riachuelo, Avellaneda/Buenos Aires City	159	837	550	153	159	32	6	n/d	0.4
AG7008	Sediment	Riachuelo, Avellaneda/Buenos Aires City	37	93	141	37	48	7	1	1	n/d
AG7009	Sediment	Arroyo Cildanez-Riachuelo, Buenos Aires City	174	497	757	549	205	38	5	1	0.8
AG7010	Sediment	Arroyo Cildanez-Riachuelo, Buenos Aires City	298	250	360	134	108	26	9	1	0.6
AG7011	Sediment	Riachuelo, Lomas de Zamora/Buenos Aires City	236	2114	866	282	334	45	6	2	4.1
AG7024	Sediment	Rio Matanza tributary, Esteban Echeverria	359	36	269	82	92	15	8	n/d	0.1
AG7025	Sediment	Rio Matanza, Lomas de Zamora/La Matanza	423	337	652	247	313	53	8	2	8.7
AG7026	Sediment	Rio Matanza, Lomas de Zamora/La Matanza	240	79	443	201	142	56	8	n/d	n/d
AG7027	Sediment	Santa Catalina-Rio Matanza, Lomas de Zamora	239	28	81	28	19	11	9	n/d	0.1
AG7029	Sediment	Rio Matanza, Lomas de Zamora/La Matanza	189	54	410	305	102	28	5	1	1.4
AG7030	Water	Rio Matanza, Lomas de Zamora/La Matanza	0.2	<0.01	0.2	0.01	<0.03	0.02	<0.01	<0.01	<0.002
AG7031	Sediment	Riachuelo, Lomas de Zamora/Buenos Aires City	305	297	811	221	238	31	8	n/d	2.2
AG7032	Sediment	Riachuelo, Lomas de Zamora/Buenos Aires City	296	441	1059	257	203	49	8	1	0.8
AG7035	Sediment	Riachuelo, Lomas de Zamora	202	707	405	106	133	17	5	1	0.2
AG7035a	Water	Riachuelo, Lomas de Zamora/Buenos Aires City	0.2	0.01	0.14	0.02	<0.03	0.01	<0.01	<0.01	<0.002
AG7036	Sediment	Riachuelo, Avellaneda/Buenos Aires City	295	2380	1513	347	271	56	9	2	1.7
AG7037	Water	Riachuelo, Avellaneda/Buenos Aires City	0.19	0.07	0.12	0.03	<0.03	0.01	<0.01	<0.01	<0.002
AG7038	Sediment	Riachuelo, Avellaneda/Buenos Aires City	328	400	582	106	213	19	3	1	0.2
AG7039	Sediment	Riachuelo, Avellaneda/Buenos Aires City	62	226	180	69	63	11	3	1	0.2
AG7040	Water	Rio Matanza, Ezeiza/La Matanza	0.11	0.01	0.04	0.02	<0.03	<0.01	<0.01	<0.01	<0.002
AG7041	Sediment	Rio Matanza, Ezeiza/La Matanza	176	31	102	28	19	10	10	n/d	0.1
AG7042	Sediment	Rio Matanza, Ezeiza/La Matanza	216	45	124	26	21	10	7	1	0.2
AG7043	Water	Rio Matanza, Ezeiza/La Matanza	0.31	<0.01	0.03	0.06	<0.03	<0.01	<0.01	<0.01	0.002
AG7044	Sediment	Rio Matanza, Ezeiza/La Matanza	195	34	63	23	12	20	7	1	0.2
AG7046	Sediment	Arroyo Dupi-Rio Matanza, La Matanza	263	29	138	41	43	10	7	n/d	0.2
AG7047	Sediment	Arroyo Susana-Rio Matanza, La Matanza	323	24	218	85	63	13	8	n/d	0.2
AG7048	Water	Old Rio Matanza-Rio Matanza (Rectification), La Matanza/Ezeiza	0.11	<0.01	0.03	<0.01	<0.03	<0.01	<0.01	<0.01	0.002