

River: Danube **Catchment:** 77086.00 km2 **2010**
Distance from mouth: 2204 **Altitude:** 290 m **AT1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3	3.32583	3.81	3.23	3.69
Aluminium (Al)	µg/l	12	49	244.16667	1300	91.00	619.00
Aluminium (Al), dissolved	µg/l	12	< 5	14.575	38.4	10.30	32.90
Ammonium (NH4-N)	mg/l	37	< 0.004	0.03927	0.12	0.03	0.08
Arsenic (As)	µg/l	12	< 0.5	0.725	1.4	0.50	1.20
Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	12	< 0.5	2.08333	5.1	1.80	3.00
Cadmium (Cd)	µg/l	8	< 0.1	0.18	0.74	3.00	3.00
Cadmium (Cd), dissolved	µg/l	8	< 0.1	0.18	0.74	3.00	3.00
Calcium (Ca++)	mg/l	12	52.5	60.09167	70.4	59.20	69.00
Chloride (Cl-)	mg/l	12	11.3	21.36667	33.1	18.60	32.90
Chromium (Cr) - total	µg/l	9	< 0.5	0.7	2.3	2.30	2.30
Chromium (Cr), total	µg/l	9	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	324	397.16667	486	392.00	458.00
Copper (Cu)	µg/l	12	< 0.5	2.125	5.4	1.90	3.30
Copper (Cu), dissolved	µg/l	10	1.1	1.53	2.8	2.80	2.80
DOC	mg/l	12	1.9	2.55	4	2.40	3.30
Dissolved oxygen	mg/l	12	9.3	11.025	13.2	11.20	9.60
Flow	m3/s	365	748	1420.3780	4772	1234.00	2228.00
Iron (Fe)	mg/l	12	0.102	0.38783	1.97	0.158	0.936
Lead (Pb)	µg/l	12	< 0.5	0.7	1.5	0.50	1.30
Lead (Pb), dissolved	µg/l	12	< 0.5	0.55833	1.2	0.50	0.50
Macrozoobenthos sapr. index	-	1	2.1	2.1	2.1		
Magnesium (Mg++)	mg/l	12	11.3	13.93333	17.2	13.80	15.70
Manganese (Mn)	mg/l	12	< 0.005	0.02042	0.042	0.019	0.034
Mercury (Hg)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	1.33333	3.6	1.10	2.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.63333	1.4	0.50	1.20
Nitrate (NO3-N)	mg/l	37	1.1	2.26973	5.7	2.14	3.41
Nitrite (NO2-N)	mg/l	36	0.005	0.01292	0.026	0.011	0.021
Orthophosphate (PO4-P)	mg/l	37	< 0.0025	0.03218	0.073	0.028	0.054
Potassium (K+)	mg/l	12	1.7	2.63333	3.3	2.70	3.10
Sodium (Na+)	mg/l	12	7.2	13.33333	21	11.50	20.20
Sulphate (SO4--)	mg/l	12	19.7	26.575	37.8	23.20	35.30
Suspended solids	mg/l	12	< 0.25	9.65417	53.3	4.40	16.30
TOC	mg/l	12	1.9	2.85833	4.3	2.50	3.90
Temperature	°C	12	-6	6.33333	16	6.00	13.00

River: Danube **Catchment:** 77086.00 km2 **2010**
Distance from mouth: 2204 **Altitude:** 290 m **AT1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Total phosphorus	mg/l	37	0.033	0.07019	0.16	0.061	0.12
Total phosphorus, dissolved	mg/l	35	0.005	0.04414	0.099	0.044	0.075
Zinc (Zn)	µg/l	12	1.9	6.28333	14.7	4.50	13.80
Zinc (Zn), dissolved	µg/l	12	< 0.5	2.30833	7.2	0.50	5.40
pH	-	12	7.9	8.1	8.4	8.10	8.00

River: Danube **Catchment:** 101700.00 km2 **2010**
Distance from mouth: 1935 **Altitude:** 159 m **AT3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.9	3.28083	3.9	3.17	3.58
Aluminium (Al)	µg/l	12	56	303.5	2165	102.00	450.00
Aluminium (Al), dissolved	µg/l	12	< 5	10.40833	18.6	5.00	18.50
Ammonium (NH4-N)	mg/l	12	< 0.004	0.0235	0.081	0.012	0.054
Arsenic (As)	µg/l	12	< 0.5	0.725	2.2	0.50	1.50
Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	12	< 0.5	1.85833	3.1	1.70	2.70
Cadmium (Cd)	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Cadmium (Cd), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	12	50	57.21667	65.6	58.00	63.40
Chloride (Cl-)	mg/l	12	11.7	18.70833	31.3	16.80	29.80
Chromium (Cr) - total	µg/l	12	< 0.5	0.89167	4.5	0.50	1.20
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	310	372.25	449	350.00	443.00
Copper (Cu)	µg/l	12	1.1	2.85	7.2	1.90	5.70
Copper (Cu), dissolved	µg/l	12	< 0.5	1.69167	5.1	1.30	3.10
DOC	mg/l	12	1.7	2.275	2.9	2.20	2.70
Dissolved oxygen	mg/l	12	8.1	10.24167	12.2	9.50	8.60
Flow	m3/s	365	900	1875.5753	7226	1651.00	2886.00
Iron (Fe)	mg/l	12	0.112	0.52233	3.79	0.162	0.717
Lead (Pb)	µg/l	12	< 0.5	0.85833	3.9	0.50	1.40
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Macrozoobenthos sapr. index	-	1	1.98	1.98	1.98		
Magnesium (Mg++)	mg/l	12	11	13.675	15.6	13.80	15.20
Manganese (Mn)	mg/l	12	< 0.005	0.02442	0.13	0.015	0.023
Mercury (Hg)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	1.46667	7	0.50	4.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.52	2.22833	3.39	2.09	2.97
Nitrite (NO2-N)	mg/l	12	0.005	0.01308	0.027	0.01	0.024
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.02888	0.046	0.031	0.046
Potassium (K+)	mg/l	12	1.3	2.35833	3	2.50	2.90
Sodium (Na+)	mg/l	12	7.2	12.14167	19.4	10.80	17.70
Sulphate (SO4--)	mg/l	12	19.8	29	51.6	26.60	33.70
Suspended solids	mg/l	11	< 0.25	9.97273	37	7.00	16.30
TOC	mg/l	12	1.8	2.55833	3.9	2.40	2.90
Temperature	°C	12	-2	10.75	29	9.00	19.00

River: Danube **Catchment:** 101700.00 km2 **2010**
Distance from mouth: 1935 **Altitude:** 159 m **AT3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	12	0.022	0.05392	0.078	0.055	0.073
Total phosphorus, dissolved	mg/l	12	0.016	0.04658	0.067	0.049	0.061
Zinc (Zn)	µg/l	12	2.1	6.49167	24	3.10	19.50
Zinc (Zn), dissolved	µg/l	12	< 0.5	2.26667	5	1.80	4.00
pH	-	12	8.1	8.25	8.4	8.20	8.10

River: Danube **Catchment:** 130759.00 km2 **2010**
Distance from mouth: 1879 **Altitude:** m **AT6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	14	3.6	14.81429	44	14.60	22.50
Alkalinity - total	mmol/l	24	2.54	3.25375	3.9	3.26	3.65
Aluminium (Al)	µg/l	24	34	303.375	2128	104.00	465.00
Aluminium (Al), dissolved	µg/l	24	< 5	11.74167	43.7	5.00	22.60
Ammonium (NH4-N)	mg/l	24	< 0.004	0.02454	0.072	0.017	0.063
Arsenic (As)	µg/l	24	< 0.5	0.75417	2.7	0.50	1.20
Arsenic (As), dissolved	µg/l	24	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	24	< 0.5	1.82917	3.8	1.70	2.70
COD (Cr)	mg/l	12	< 1	4.43333	11.2	3.10	9.10
COD (Mn)	mg/l	12	1.29	2.2775	3.01	2.20	3.00
Cadmium (Cd)	µg/l	24	< 0.1	< 0.1	< 0.1	0.10	0.10
Cadmium (Cd), dissolved	µg/l	24	< 0.1	< 0.1	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	24	42.3	57.525	70.9	58.10	65.20
Chloride (Cl-)	mg/l	24	11.1	20.79167	38	17.60	35.30
Chromium (Cr) - total	µg/l	24	< 0.5	0.7875	3.3	0.50	1.20
Chromium (Cr), total	µg/l	24	< 0.5	0.52917	1.2	0.50	0.50
Conductivity	µS/cm	24	268	392.33333	525	376.00	483.00
Copper (Cu)	µg/l	24	< 0.5	2.975	8.6	2.10	6.70
Copper (Cu), dissolved	µg/l	24	< 0.5	1.95833	5.9	1.40	4.10
DOC	mg/l	24	1.9	2.32917	3.7	2.30	2.80
Dissolved oxygen	mg/l	24	7	10.1125	12.8	9.90	8.30
Flow	m3/s	365	1086	2124.4931	7752	1849.00	3270.00
Iron (Fe)	mg/l	24	0.075	0.54617	3.94	0.198	0.832
Lead (Pb)	µg/l	24	< 0.5	0.8	4.5	0.50	1.30
Lead (Pb), dissolved	µg/l	24	< 0.5	< 0.5	< 0.5	0.50	0.50
Macrozoobenthos sapr. index	-	1	1.89	1.89	1.89		
Magnesium (Mg++)	mg/l	24	11.4	13.9	16.5	14.30	15.90
Manganese (Mn)	mg/l	24	< 0.005	0.02883	0.133	0.016	0.054
Mercury (Hg)	µg/l	24	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	24	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	24	< 0.5	1.2875	6.2	0.50	2.30

Nickel (Ni), dissolved	µg/l	24	< 0.5	0.57917	1.2	0.50	1.00
Nitrate (NO3-N)	mg/l	24	1.36	2.30417	3.53	2.26	3.30
Nitrite (NO2-N)	mg/l	24	0.004	0.01533	0.041	0.013	0.029
Orthophosphate (PO4-P)	mg/l	24	< 0.0025	0.03315	0.056	0.034	0.046
Potassium (K+)	mg/l	24	1.2	2.53333	3.6	2.60	3.20
Sodium (Na+)	mg/l	24	7.5	13.0375	23.1	12.50	20.30
Sulphate (SO4--)	mg/l	24	22	29.44583	46.6	26.90	39.60

River: Danube **Catchment:** 130759.00 km2 **2010**
Distance from mouth: 1879 **Altitude:** m **AT6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	24	< 0.25	10.38542	40	7.80	20.00
TOC	mg/l	24	2	2.55833	4	2.40	3.20
Temperature	°C	24	< 0.00000	9.83333	24	10.00	19.00
Total phosphorus	mg/l	24	0.028	0.06796	0.2	0.057	0.091
Total phosphorus, dissolved	mg/l	24	0.007	0.049	0.087	0.048	0.077
Zinc (Zn)	µg/l	24	< 0.5	5.87917	20.3	4.80	13.00
Zinc (Zn), dissolved	µg/l	22	< 0.5	2.51818	6.9	2.30	5.00
pH	-	24	7.2	8.00833	8.4	8.10	7.50

River: Sava/Drina **Catchment:** 19226.00 km2 **2010**
Distance from mouth: 16 **Altitude:** m **BA10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.8	3.05333	3.54	2.96	3.38
Ammonium (NH4-N)	mg/l	12	0.03	0.04525	0.11	0.03	0.063
Arsenic (As), dissolved	µg/l	12	0.74	1.35917	3.06	0.94	2.42
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	0.58	1.62167	3.32	1.51	2.39
Cadmium (Cd), dissolved	µg/l	12	0.1	0.39083	3.59	0.10	0.10
Calcium (Ca++)	mg/l	12	48.8	54.625	62.8	52.80	62.40
Chloride (Cl-)	mg/l	12	0.37	8.43333	83.5	1.64	3.13
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	12	2.7	3.00583	5	2.70	3.90
Conductivity	µS/cm	12	250	295.5	348	292.00	319.00
Copper (Cu), dissolved	µg/l	12	1.06	3.12917	9.96	2.32	5.44
Dissolved oxygen	mg/l	12	7	9.73333	12.81	9.24	7.15
Lead (Pb), dissolved	µg/l	12	0.14	2.29417	20.81	0.34	2.15
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	3.5	7.1675	12.6	6.50	11.50
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	1.19083	4.08	0.70	2.05
Nitrate (NO3-N)	mg/l	12	0.09	0.43667	0.88	0.40	0.68
Nitrite (NO2-N)	mg/l	12	0.005	0.0055	0.01	0.005	0.006
Orthophosphate (PO4-P)	mg/l	12	0.007	0.00742	0.009	0.007	0.009

Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.09	1.17917	3.25	0.59	3.00
Suspended solids	mg/l	12	4.4	30.96667	78	18.60	74.00
Temperature	°C	12	6.1	12.075	20.4	10.60	18.50
Total nitrogen	mg/l	12	1.095	1.44217	1.885	1.405	1.69
Total phosphorus	mg/l	12	0.013	0.03683	0.079	0.035	0.052
Total phosphorus, dissolved	mg/l	12	0.007	0.0155	0.041	0.013	0.035
Zinc (Zn), dissolved	µg/l	12	5.85	15.19	21.52	14.83	20.87
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	7.64	8.14167	8.6	8.17	7.80

River: Sava **Catchment:** 64125.00 km2 **2010**
Distance from mouth: 190 **Altitude:** m **BA11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.22	3.615	4.28	3.46	4.12
Ammonium (NH4-N)	mg/l	12	0.03	0.059	0.1	0.06	0.08
Arsenic (As), dissolved	µg/l	12	0.74	1.3625	5.49	0.74	2.63
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	0.83	2.15917	3.44	2.05	3.38
COD (Cr)	mg/l	4	< 4.5	9.9	12.05	12.05	12.05
Cadmium (Cd), dissolved	µg/l	12	0.1	0.1	0.1	0.10	0.10
Calcium (Ca++)	mg/l	12	30.9	61.90833	77.5	62.30	76.50
Chloride (Cl-)	mg/l	12	2.77	12.3825	39.5	9.61	26.28
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	12	2.7	4.5275	21.66	2.70	5.48
Conductivity	µS/cm	12	356	412.16667	537	389.00	518.00
Copper (Cu), dissolved	µg/l	12	1.06	2.00833	3.86	1.39	3.81
Dissolved oxygen	mg/l	12	5.5	8.5475	13.57	6.77	6.49
Lead (Pb), dissolved	µg/l	12	0.14	0.22333	0.56	0.14	0.43
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	7.8	13.46	36.1	12.30	15.50
Mercury (Hg)	µg/l	12	0.08	0.08167	0.1	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	< 0.35	1.4575	8.47	0.79	1.71
Nitrate (NO3-N)	mg/l	12	0.07	0.90417	1.49	0.81	1.36
Nitrite (NO2-N)	mg/l	12	0.006	0.01558	0.028	0.014	0.023
Orthophosphate (PO4-P)	mg/l	12	0.018	0.0435	0.102	0.038	0.051
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.09	1.66	6.2	0.90	2.96
Suspended solids	mg/l	12	3	22.89167	101.3	14.60	38.60
Temperature	°C	12	4.4	12.95833	24.7	10.80	23.00
Total nitrogen	mg/l	12	1.082	1.91975	2.513	1.827	2.378
Total phosphorus	mg/l	12	0.054	0.08042	0.135	0.075	0.109
Total phosphorus, dissolved	mg/l	12	0.033	0.04992	0.069	0.044	0.069
Zinc (Zn), dissolved	µg/l	12	1.17	11.87333	28.29	8.73	23.05
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	6.7	7.94667	8.4	8.05	7.49

River: Sava/Una **Catchment:** 4573.00 km2 **2010**

Distance from mouth: 70 **Altitude:** m **BA12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	4	4.12	4.26	4.32	4.32	4.32
Ammonium (NH4-N)	mg/l	4	0.03	0.03	0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	5	0.74	0.74	0.74	0.74	0.74
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	4	0.74	1.475	2.36	2.36	2.36
Cadmium (Cd), dissolved	µg/l	12	0.1	0.10833	0.2	0.10	0.10
Calcium (Ca++)	mg/l	4	73.3	73.95	74.3	74.30	74.30
Chloride (Cl-)	mg/l	4	1.6	3.31	6.5	6.50	6.50
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	5	2.7	3.312	5.76	5.76	5.76
Conductivity	µS/cm	12	369	429.08333	469	429.00	455.00
Copper (Cu), dissolved	µg/l	5	1.06	1.476	2.13	2.13	2.13
Dissolved oxygen	mg/l	12	8.3	10.83667	13.7	10.67	9.46
Lead (Pb), dissolved	µg/l	12	0.14	0.84833	3.44	0.14	1.93
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	4	10.1	12.45	15.3	15.30	15.30
Mercury (Hg)	µg/l	12	0.08	0.085	0.14	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	0.7875	1.69	0.70	0.76
Nitrate (NO3-N)	mg/l	4	0.07	0.34	0.54	0.54	0.54
Nitrite (NO2-N)	mg/l	4	0.005	0.005	0.005	0.005	0.005
Orthophosphate (PO4-P)	mg/l	4	0.007	0.00725	0.008	0.008	0.008
Suspended solids	mg/l	4	3.4	5.15	7.4	7.40	7.40
Temperature	°C	12	4.1	11.36667	20	10.10	18.20
Total nitrogen	mg/l	4	1.075	1.345	1.545	1.545	1.545
Total phosphorus	mg/l	4	0.01	0.0145	0.02	0.02	0.02
Total phosphorus, dissolved	mg/l	4	0.007	0.00925	0.013	0.013	0.013
Zinc (Zn), dissolved	µg/l	5	1.17	5.01	11.78	11.78	11.78
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	8	8.15333	8.37	8.10	8.00

River: Sava/Bosna **Catchment:** 7313.00 km2 **2010**
Distance from mouth: 78 **Altitude:** m **BA13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	4	3.56	3.78	3.92	3.92	3.92
Ammonium (NH4-N)	mg/l	4	0.03	0.07675	0.177	0.177	0.177
Arsenic (As), dissolved	µg/l	4	3.01	3.9425	4.83	4.83	4.83
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	4	1.39	1.745	2.28	2.28	2.28
COD (Cr)	mg/l	4	< 4.5	6.075	10.8	10.80	10.80
Cadmium (Cd), dissolved	µg/l	12	0.1	0.1325	0.49	0.10	0.10
Calcium (Ca++)	mg/l	4	65.6	67.325	69.3	69.30	69.30
Chloride (Cl-)	mg/l	4	0.64	3.4575	5.22	5.22	5.22
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40

Chromium (Cr), total	µg/l	4	2.7	3.3775	4.66	4.66	4.66
Conductivity	µS/cm	12	339	394.33333	464	397.00	438.00
Copper (Cu), dissolved	µg/l	4	1.06	3.8475	9.32	9.32	9.32
Dissolved oxygen	mg/l	12	8.31	10.04667	12.7	9.87	8.90
Lead (Pb), dissolved	µg/l	12	0.14	1.80667	6.7	0.26	4.88
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	4	12.3	13.525	14.9	14.90	14.90
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	2.5475	7.2	1.21	5.95
Nitrate (NO3-N)	mg/l	4	0.72	1.05	1.27	1.27	1.27
Nitrite (NO2-N)	mg/l	4	0.026	0.038	0.045	0.045	0.045
Orthophosphate (PO4-P)	mg/l	4	0.058	0.07575	0.104	0.104	0.104
Suspended solids	mg/l	4	4.8	11.65	22.4	22.40	22.40
Temperature	°C	12	5	13.525	24.5	9.60	23.10
Total nitrogen	mg/l	4	1.758	2.088	2.296	2.296	2.296
Total phosphorus	mg/l	4	0.085	0.11275	0.149	0.149	0.149
Total phosphorus, dissolved	mg/l	4	0.071	0.09375	0.136	0.136	0.136
Zinc (Zn), dissolved	µg/l	4	1.17	9.6025	19.92	19.92	19.92
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	5.9	8.15	8.6	8.36	7.93

River: Sava **Catchment:** 39150.00 km2 **2010**
Distance from mouth: 457 **Altitude:** m **BA5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.39	3.787	4.1	3.78	4.00
Ammonium (NH4-N)	mg/l	12	0.03	0.085	0.25	0.06	0.12
Arsenic (As), dissolved	µg/l	12	0.74	0.90583	1.78	0.74	1.69
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	1.21	1.815	3.85	1.64	2.63
COD (Cr)	mg/l	4	10.4	11.45	13.6	13.60	13.60
Cadmium (Cd), dissolved	µg/l	12	0.1	0.1	0.1	0.10	0.10
Calcium (Ca++)	mg/l	12	53.1	63.43333	74.1	62.00	72.50
Chloride (Cl-)	mg/l	12	2	5.36917	7.8	5.27	7.37
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	12	< 1.35	3.29333	11	2.70	2.81
Conductivity	µS/cm	12	355	386.83333	439	379.00	421.00
Copper (Cu), dissolved	µg/l	12	1.06	3.01417	5.64	3.08	5.04
Dissolved oxygen	mg/l	12	5.03	8.55417	12.55	8.40	5.40
Lead (Pb), dissolved	µg/l	12	0.14	0.79833	3.67	0.34	2.26
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	6.4	14.20833	36.4	12.40	15.30
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	0.87917	2.39	0.70	1.01
Nitrate (NO3-N)	mg/l	12	0.44	0.98417	2.39	0.88	1.12
Nitrite (NO2-N)	mg/l	12	0.009	0.01667	0.024	0.015	0.023
Orthophosphate (PO4-P)	mg/l	12	0.021	0.04617	0.081	0.048	0.06
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.09	1.51333	4.14	1.60	2.10

Suspended solids	mg/l	12	5.8	15.73333	33.8	12.80	33.60
Temperature	°C	12	3	13.425	25.6	11.00	24.00
Total nitrogen	mg/l	12	1.451	2.00083	3.405	1.899	2.144
Total phosphorus	mg/l	12	0.044	0.083	0.129	0.075	0.108
Total phosphorus, dissolved	mg/l	12	0.031	0.059	0.095	0.055	0.079
Zinc (Zn), dissolved	µg/l	12	3.6	10.31917	23.6	9.94	15.37
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	7.3	7.8325	8.3	7.70	7.46

River: Sava/Una **Catchment:** 9130.00 km2 **2010**
Distance from mouth: 16 **Altitude:** m **BA6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.39	4.15417	4.48	4.18	4.44
Ammonium (NH4-N)	mg/l	12	0.03	0.04	0.08	0.03	0.07
Arsenic (As), dissolved	µg/l	12	0.74	0.74	0.74	0.74	0.74
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	0.98	1.88083	3.81	1.77	2.25
Cadmium (Cd), dissolved	µg/l	12	0.1	0.1025	0.13	0.10	0.10
Calcium (Ca++)	mg/l	12	60.4	75.14167	91.7	73.70	85.80
Chloride (Cl-)	mg/l	12	0.8	2.65417	4.94	2.56	3.92
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	12	< 1.35	2.94417	5.3	2.70	4.38
Conductivity	µS/cm	12	235	398.58333	464	410.00	442.00
Copper (Cu), dissolved	µg/l	12	1.06	2.25833	4.75	2.14	3.75
Dissolved oxygen	mg/l	12	6.85	10.2475	12.48	10.60	7.72
Lead (Pb), dissolved	µg/l	12	0.14	1.13667	5.38	0.35	2.92
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	3.5	11.1375	15.3	11.30	14.60
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	1.82333	11.84	0.70	2.89
Nitrate (NO3-N)	mg/l	12	0.28	0.49	0.67	0.49	0.62
Nitrite (NO2-N)	mg/l	12	0.005	0.00508	0.006	0.005	0.005
Orthophosphate (PO4-P)	mg/l	12	< 0.0035	0.00863	0.018	0.007	0.016
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.3	1.99417	6.5	0.89	3.80
Suspended solids	mg/l	12	3.2	14.8	44	6.80	37.40
Temperature	°C	12	6.2	11.96667	23.2	10.50	18.70
Total nitrogen	mg/l	12	1.286	1.49508	1.675	1.495	1.625
Total phosphorus	mg/l	12	< 0.0035	0.05938	0.356	0.026	0.063
Total phosphorus, dissolved	mg/l	12	< 0.0035	0.02088	0.06	0.018	0.031
Zinc (Zn), dissolved	µg/l	12	2.17	10.18917	33.09	7.28	19.36
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	7.95	8.1975	8.43	8.20	8.01

River: Sava/Vrba **Catchment:** 6023.00 km2 **2010**
Distance from mouth: 12 **Altitude:** m **BA7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.34	3.86	4.08	3.84	4.08
Ammonium (NH4-N)	mg/l	12	0.03	0.06333	0.11	0.05	0.10
Arsenic (As), dissolved	µg/l	12	0.74	0.83083	1.09	0.74	1.03
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	0.89	2.19	3.72	1.86	3.07
COD (Cr)	mg/l	1	10.6	10.6	10.6		
Cadmium (Cd), dissolved	µg/l	12	0.1	0.1075	0.15	0.10	0.14
Calcium (Ca++)	mg/l	12	28.7	72.25833	84.8	76.20	81.70
Chloride (Cl-)	mg/l	12	1.1	3.155	5.12	3.21	4.30
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	12	2.7	4.575	19.48	2.70	8.42
Conductivity	µS/cm	12	343	403.25	446	405.00	437.00
Copper (Cu), dissolved	µg/l	12	1.06	2.125	4.42	1.83	3.39
Dissolved oxygen	mg/l	12	6.48	9.2725	12.7	8.70	7.47
Lead (Pb), dissolved	µg/l	12	0.14	2.6975	18.94	0.52	5.33
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	3.5	8.71667	20.1	8.10	10.70
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	1.54583	5.54	0.70	5.14
Nitrate (NO3-N)	mg/l	12	0.07	0.57833	1.68	0.44	0.84
Nitrite (NO2-N)	mg/l	12	0.006	0.01467	0.031	0.012	0.022
Orthophosphate (PO4-P)	mg/l	12	0.009	0.01892	0.035	0.018	0.029
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.09	2.49	12.43	0.88	6.51
Suspended solids	mg/l	12	9.8	38.66667	107.6	33.80	93.40
Temperature	°C	12	5.1	12.36667	23	10.40	17.40
Total nitrogen	mg/l	12	1.092	1.593	2.686	1.46	1.851
Total phosphorus	mg/l	12	0.019	0.07075	0.129	0.061	0.109
Total phosphorus, dissolved	mg/l	12	0.015	0.03375	0.05	0.034	0.05
Zinc (Zn), dissolved	µg/l	12	1.17	11.38083	29.43	8.35	20.87
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	6.6	7.89083	8.38	8.06	6.80

River: Sava/Bosna **Catchment:** 11.00 km2 **2010**
Distance from mouth: 24 **Altitude:** m **BA8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.14	3.49333	3.98	3.42	3.92
Ammonium (NH4-N)	mg/l	12	0.03	0.15733	0.46	0.12	0.30
Arsenic (As), dissolved	µg/l	12	0.87	2.32667	4.96	1.50	4.89
Atrazine	µg/l	12	0.14	0.14	0.14	0.14	0.14
BOD (5)	mg/l	12	1.19	3.58	12.6	2.70	4.59
COD (Cr)	mg/l	8	10.2	17.775	42.4	42.40	42.40
Cadmium (Cd), dissolved	µg/l	12	0.1	0.10083	0.11	0.10	0.10
Calcium (Ca++)	mg/l	12	64	74.4225	89.1	72.70	86.00
Chloride (Cl-)	mg/l	12	1.66	45.265	122	40.24	92.04
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40

Chromium (Cr), total	µg/l	12	2.7	3.045	4.76	2.70	3.87
Conductivity	µS/cm	12	480	582.5	817	558.00	676.00
Copper (Cu), dissolved	µg/l	12	1.31	3.82	7.44	2.38	6.31
Dissolved oxygen	mg/l	12	7.57	9.54417	13.8	8.70	7.72
Lead (Pb), dissolved	µg/l	12	0.14	0.76333	2.58	0.14	1.90
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	12	8.8	15.18333	31	13.30	18.90
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	3.29833	10.9	2.03	6.17
Nitrate (NO3-N)	mg/l	12	0.12	1.055	2.25	1.03	2.11
Nitrite (NO2-N)	mg/l	12	0.021	0.04483	0.089	0.037	0.072
Orthophosphate (PO4-P)	mg/l	12	0.026	0.04517	0.071	0.041	0.068
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.09	2.5	11.84	0.88	8.14
Suspended solids	mg/l	12	7	28.28333	62.4	21.40	57.00
Temperature	°C	12	4.5	13.675	25.9	10.40	22.90
Total nitrogen	mg/l	12	1.149	2.09983	3.305	2.076	3.173
Total phosphorus	mg/l	12	0.065	0.09508	0.143	0.094	0.109
Total phosphorus, dissolved	mg/l	12	0.039	0.06267	0.086	0.061	0.081
Zinc (Zn), dissolved	µg/l	12	1.98	12.3625	25.28	10.62	21.62
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	7.85	8.19	8.44	8.20	7.90

River: Sava/Drina **Catchment:** 3884.00 km2 **2010**
Distance from mouth: 234 **Altitude:** m **BA9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	4	2.62	2.79	3	3.00	3.00
Ammonium (NH4-N)	mg/l	4	0.04	0.115	0.19	0.19	0.19
Arsenic (As), dissolved	µg/l	5	0.74	0.74	0.74	0.74	0.74
Atrazine	µg/l	12	< 0.07	< 0.07	< 0.07	0.07	0.07
BOD (5)	mg/l	4	0.5	1.7725	3.34	3.34	3.34
Cadmium (Cd), dissolved	µg/l	12	0.1	0.29917	1.23	0.10	1.16
Calcium (Ca++)	mg/l	4	47.5	52.475	55.9	55.90	55.90
Chloride (Cl-)	mg/l	4	0.77	2.4225	5.31	5.31	5.31
Chloroform	µg/l	12	0.4	0.4	0.4	0.40	0.40
Chromium (Cr), total	µg/l	5	2.7	2.7	2.7	2.70	2.70
Conductivity	µS/cm	12	228	255.66667	288	250.00	279.00
Copper (Cu), dissolved	µg/l	5	1.06	2.268	5.64	5.64	5.64
Dissolved oxygen	mg/l	12	8.7	10.58917	12.7	10.65	8.80
Lead (Pb), dissolved	µg/l	12	0.14	0.87833	4.16	0.18	1.95
Lindane (gama-HCH)	µg/l	12	0.02	0.02	0.02	0.02	0.02
Magnesium (Mg++)	mg/l	4	3.5	3.825	4.5	4.50	4.50
Mercury (Hg)	µg/l	12	0.08	0.08	0.08	0.08	0.08
Nickel (Ni), dissolved	µg/l	12	0.7	0.84	2.38	0.70	0.70
Nitrate (NO3-N)	mg/l	4	0.19	0.2025	0.22	0.22	0.22
Nitrite (NO2-N)	mg/l	4	0.005	0.005	0.005	0.005	0.005
Orthophosphate (PO4-P)	mg/l	4	0.007	0.0225	0.041	0.041	0.041
Suspended solids	mg/l	4	2.6	2.75	3.2	3.20	3.20

Temperature	°C	12	6.8	9.44167	12.2	9.20	11.40
Total nitrogen	mg/l	4	1.195	1.4225	2.055	2.055	2.055
Total phosphorus	mg/l	4	0.007	0.04125	0.079	0.079	0.079
Total phosphorus, dissolved	mg/l	4	0.007	0.02725	0.05	0.05	0.05
Zinc (Zn), dissolved	µg/l	5	7.44	11.552	18.42	18.42	18.42
p,p'-DDT	µg/l	12	0.02	0.02	0.02	0.02	0.02
pH	-	12	7.13	7.97917	8.45	7.90	7.52

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	3.2	3.33	3.5	3.50	3.50
Aluminium (Al)	µg/l	5	17.4	34.32	65	65.00	65.00
Ammonium (NH4-N)	mg/l	10	0.059	0.1185	0.195	0.195	0.195
Arsenic (As)	µg/l	10	1.68	1.99	2.8	2.80	2.80
Atrazine	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
BOD (5)	mg/l	10	3.5	4.44	5.7	5.70	5.70
COD (Cr)	mg/l	10	14.5	17.24	19.7	19.70	19.70
COD (Mn)	mg/l	10	3.8	4.72	6.1	6.10	6.10
Calcium (Ca++)	mg/l	10	41.7	53.3	70.5	70.50	70.50
Chloride (Cl-)	mg/l	10	17.5	21.38	26.2	26.20	26.20
Chromium (Cr) - total	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	10	366	410	437	437.00	437.00
Copper (Cu)	µg/l	10	1.7	3.866	6.5	6.50	6.50
Dissolved oxygen	mg/l	10	4.4	7.63	10.6	4.40	4.40
Iron (Fe)	mg/l	10	0.057	0.187	0.498	0.498	0.498
Lead (Pb)	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.0005	< 0.0005		
Magnesium (Mg++)	mg/l	10	9.7	17.84	28.2	28.20	28.20
Mercury (Hg)	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	10	< 0.5	1.965	4.4	4.40	4.40
Nitrate (NO3-N)	mg/l	10	0.657	1.4432	1.994	1.994	1.994
Nitrite (NO2-N)	mg/l	10	0.017	0.0285	0.06	0.06	0.06
Orthophosphate (PO4-P)	mg/l	10	0.043	0.0785	0.146	0.146	0.146
Phytoplankton (biomass - chlorophyll-a)	µg/l	10	2.96	5.626	8.88	8.88	8.88
Potassium (K+)	mg/l	10	2.52	2.858	3.34	3.34	3.34
Sodium (Na+)	mg/l	10	10.57	13.961	16.9	16.90	16.90
Sulphate (SO4--)	mg/l	10	28.7	42.492	51.51	51.51	51.51
Suspended solids	mg/l	10	74	85.4	110	110.00	110.00
TOC	mg/l	10	3.23	4.337	5.46	5.46	5.46
Temperature	°C	10	4.7	15.89	25.2	25.20	25.20
Total nitrogen	mg/l	4	2.9	3.325	3.9	3.90	3.90
Total phosphorus	mg/l	10	0.058	0.2017	0.729	0.729	0.729
Zinc (Zn)	µg/l	10	< 0.5	9.644	18	18.00	18.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.0005	< 0.0005		
pH	-	10	7.44	7.898	8.31	7.44	7.44

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	3.2	3.36	3.5	3.50	3.50
Aluminium (Al)	µg/l	5	17.9	46.2	68.4	68.40	68.40
Ammonium (NH4-N)	mg/l	10	0.056	0.127	0.224	0.224	0.224
Arsenic (As)	µg/l	10	1.46	1.953	2.7	2.70	2.70
Atrazine	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
BOD (5)	mg/l	10	3.7	4.3	5.3	5.30	5.30
COD (Cr)	mg/l	10	15	16.71	17.6	17.60	17.60
COD (Mn)	mg/l	10	4	4.62	5.5	5.50	5.50
Calcium (Ca++)	mg/l	10	39.3	53.3	68.9	68.90	68.90
Chloride (Cl-)	mg/l	10	19.2	22.06	26.2	26.20	26.20
Chromium (Cr) - total	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	10	364	409.1	437	437.00	437.00
Copper (Cu)	µg/l	10	1.9	4.147	6.8	6.80	6.80
Dissolved oxygen	mg/l	10	4.9	7.68	10.3	4.90	4.90
Iron (Fe)	mg/l	10	0.016	0.1495	0.405	0.405	0.405
Lead (Pb)	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.0005	< 0.0005		
Magnesium (Mg++)	mg/l	10	10.7	19.13	30.2	30.20	30.20
Mercury (Hg)	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	10	1	2.971	9.44	9.44	9.44
Nitrate (NO3-N)	mg/l	10	0.752	1.4659	2.075	2.075	2.075
Nitrite (NO2-N)	mg/l	10	0.016	0.0281	0.064	0.064	0.064
Orthophosphate (PO4-P)	mg/l	10	0.038	0.0944	0.351	0.351	0.351
Phytoplankton (biomass - chlorophyll-a)	µg/l	10	3.59	6.386	11.54	11.54	11.54
Potassium (K+)	mg/l	10	2.27	2.812	3.3	3.30	3.30
Sodium (Na+)	mg/l	10	10.6	13.981	17.7	17.70	17.70
Sulphate (SO4--)	mg/l	10	28.16	40.858	50.81	50.81	50.81
Suspended solids	mg/l	10	75	89.5	112	112.00	112.00
TOC	mg/l	10	3.35	4.18	4.99	4.99	4.99
Temperature	°C	10	4.7	15.41	24	24.00	24.00
Total nitrogen	mg/l	4	3.1	3.425	3.8	3.80	3.80
Total phosphorus	mg/l	10	0.056	0.2236	0.628	0.628	0.628
Zinc (Zn)	µg/l	10	< 0.5	9.982	18.12	18.12	18.12
p,p'-DDT	µg/l	2	< 0.0005	< 0.0005	< 0.0005		
pH	-	10	7.47	7.885	8.2	7.47	7.47

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.2	3.40833	3.7	3.40	3.50
Aluminium (Al)	µg/l	5	19.2	33.2	63	63.00	63.00
Ammonium (NH4-N)	mg/l	12	0.092	0.14917	0.243	0.117	0.23

Arsenic (As)	µg/l	12	1.56	1.91167	2.7	1.80	2.30
Atrazine	µg/l	3	< 0.0025	< 0.0025	< 0.0025		
BOD (5)	mg/l	12	3.3	4.25	5.8	4.00	4.80
COD (Cr)	mg/l	12	14.1	16.89167	18.9	16.70	18.90
COD (Mn)	mg/l	12	3.6	4.51667	5.8	4.10	5.70
Calcium (Ca++)	mg/l	12	37.7	55.66667	70.1	52.10	69.70
Chloride (Cl-)	mg/l	12	19.2	22.69167	27.6	21.20	26.20
Chromium (Cr) - total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	375	417.66667	451	422.00	445.00
Copper (Cu)	µg/l	12	2.21	8.10333	19.9	7.01	13.40
Dissolved oxygen	mg/l	12	4.7	8.33333	13	8.10	5.50
Iron (Fe)	mg/l	12	0.049	0.18708	0.425	0.121	0.417
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	3	< 0.0005	< 0.0005	< 0.0005		
Magnesium (Mg++)	mg/l	12	11.2	19.16667	30.6	18.00	25.80
Mercury (Hg)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	12	1.03	3.5325	12.7	2.00	6.50
Nitrate (NO3-N)	mg/l	12	0.677	1.84567	3.248	1.828	2.398
Nitrite (NO2-N)	mg/l	12	0.015	0.02617	0.063	0.022	0.038
Orthophosphate (PO4-P)	mg/l	12	0.047	0.10542	0.322	0.077	0.154
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	3.55	5.965	11.5	4.44	10.36
Potassium (K+)	mg/l	12	2.24	2.77333	3.3	2.82	3.11
Sodium (Na+)	mg/l	12	10.81	13.57	16.8	13.06	15.74
Sulphate (SO4--)	mg/l	12	33.74	46.84917	58.12	46.46	55.24
Suspended solids	mg/l	12	83	94.83333	114	93.00	108.00
TOC	mg/l	12	3.01	4.01167	5.34	3.80	4.59
Temperature	°C	12	2.1	13.375	24.7	12.70	24.70
Total nitrogen	mg/l	4	3.1	3.85	5.1	5.10	5.10
Total phosphorus	mg/l	12	0.061	0.24642	0.505	0.192	0.422
Zinc (Zn)	µg/l	12	< 0.5	15.56917	63.1	10.00	21.17
p,p'-DDT	µg/l	3	< 0.0005	< 0.0005	< 0.0005		
pH	-	12	6.98	7.73083	8.14	7.67	7.52

River: Iskar **Catchment:** 8646.00 km2 **2010**
Distance from mouth: 4 **Altitude:** m **BG12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	7	0.03	0.80143	4.6	4.60	4.60
Atrazine	µg/l	5	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	7	1.9	6.22857	22.6	22.60	22.60
COD (Cr)	mg/l	7	6	17.47143	57	57.00	57.00
Cadmium (Cd)	µg/l	7	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	5	45.3	53.36	62.5	62.50	62.50
Chloride (Cl-)	mg/l	5	12.1	21.26	41.8	41.80	41.80
Conductivity	µS/cm	8	301	447.125	824	824.00	824.00
Copper (Cu)	µg/l	4	3.8	5.8	8.4	8.40	8.40
Dissolved oxygen	mg/l	9	3.62	7.44778	11.43	3.62	3.62
Iron (Fe)	mg/l	5	< 0.005	0.068	0.2	0.20	0.20

Lead (Pb)	µg/l	7	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	5	10.4	23.66	45.9	45.90	45.90
Manganese (Mn)	mg/l	5	< 0.001	0.0104	0.04	0.04	0.04
Mercury (Hg)	µg/l	7	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	7	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	9	0.4	1.36222	2.6	2.60	2.60
Nitrite (NO2-N)	mg/l	5	0.023	0.156	0.634	0.634	0.634
Orthophosphate (PO4-P)	mg/l	4	0.1	0.2	0.3	0.30	0.30
Sulphate (SO4--)	mg/l	5	33.2	45	49.2	49.20	49.20
Suspended solids	mg/l	5	18	51	148	148.00	148.00
Temperature	°C	9	3.6	13.51111	28.3	28.30	28.30
Total nitrogen	mg/l	5	< 0.5	3.342	8.53	8.53	8.53
Total phosphorus	mg/l	7	0.09	0.41286	0.8	0.80	0.80
pH	-	5	7.74	8.054	8.57	7.74	7.74

River: Vit **Catchment:** 3225.00 km2 **2010**
Distance from mouth: 7 **Altitude:** m **BG13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	6	0.1	0.2	0.4	0.40	0.40
Atrazine	µg/l	5	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	4	1.6	2.725	4.1	4.10	4.10
COD (Cr)	mg/l	4	5	7.95	12.2	12.20	12.20
Cadmium (Cd)	µg/l	7	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	4	32.7	46.5	58.9	58.90	58.90
Chloride (Cl-)	mg/l	4	6.4	17.35	32.6	32.60	32.60
Conductivity	µS/cm	7	363	489.14286	650	650.00	650.00
Copper (Cu)	µg/l	4	1.6	2.2775	3.21	3.21	3.21
Dissolved oxygen	mg/l	8	4.39	8.65125	12.32	4.39	4.39
Iron (Fe)	mg/l	4	0.02	0.03325	0.053	0.053	0.053
Lead (Pb)	µg/l	7	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	4	35	37.975	41.6	41.60	41.60
Mercury (Hg)	µg/l	7	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	7	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	6	0.5	1.7	3.8	3.80	3.80
Nitrite (NO2-N)	mg/l	6	0.041	0.07617	0.124	0.124	0.124
Orthophosphate (PO4-P)	mg/l	4	0.08	0.1575	0.25	0.25	0.25
Petroleum hydrocarbons	mg/l	7	< 0.05	< 0.05	< 0.05	0.05	0.05
Sulphate (SO4--)	mg/l	4	20.2	31.8	54.9	54.90	54.90
Suspended solids	mg/l	4	14	15	16	16.00	16.00
Temperature	°C	8	3	14.3	27.4	27.40	27.40
Total nitrogen	mg/l	6	< 0.5	5.31667	15.21	15.21	15.21
Total phosphorus	mg/l	6	0.1	0.37333	0.64	0.64	0.64
Zinc (Zn)	µg/l	6	5	20.88333	55.5	55.50	55.50
p,p'-DDT	µg/l	3	< 0.0005	< 0.0005	< 0.0005		
pH	-	4	7.94	8.1225	8.46	7.94	7.94

River: Jantra **Catchment:** 7862.00 km2 **2010**
Distance from mouth: 4 **Altitude:** m **BG14**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	6	0.034	0.06933	0.098	0.098	0.098
BOD (5)	mg/l	6	1.9	2.46667	3.2	3.20	3.20
COD (Cr)	mg/l	6	11	13.7	17.3	17.30	17.30
Calcium (Ca++)	mg/l	4	64	68.625	76.4	76.40	76.40
Chloride (Cl-)	mg/l	4	10.6	15.675	19.5	19.50	19.50
Conductivity	µS/cm	4	402	475	640	640.00	640.00
Copper (Cu)	µg/l	6	< 0.5	2.27	4.98	4.98	4.98
Dissolved oxygen	mg/l	6	6.8	8.8	11.9	6.80	6.80
Iron (Fe)	mg/l	3	0.04	0.29167	0.455		
Lead (Pb)	µg/l	6	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg++)	mg/l	4	14.6	19.1	25.8	25.80	25.80
Manganese (Mn)	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Mercury (Hg)	µg/l	5	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	6	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	6	0.9	1.485	2.79	2.79	2.79
Nitrite (NO2-N)	mg/l	6	0.016	0.0305	0.049	0.049	0.049
Orthophosphate (PO4-P)	mg/l	6	0.145	0.2855	0.684	0.684	0.684
Sulphate (SO4--)	mg/l	4	31	36.425	46.6	46.60	46.60
Suspended solids	mg/l	4	6	13.75	23	23.00	23.00
Temperature	°C	4	10.9	18.8	30	30.00	30.00
Total nitrogen	mg/l	6	1.7	2.12667	3.76	3.76	3.76
pH	-	4	8.06	8.295	8.65	8.06	8.06

River: Russenski Lom **Catchment:** 2947.00 km2 **2010**
Distance from mouth: 1 **Altitude:** m **BG15**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	6	0.048	0.14933	0.247	0.247	0.247
Arsenic (As)	µg/l	6	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	6	3.4	7.35	12	12.00	12.00
COD (Cr)	mg/l	6	25.2	35.16667	65.6	65.60	65.60
Cadmium (Cd)	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	4	61.3	80.575	95.2	95.20	95.20
Chloride (Cl-)	mg/l	4	23	28.875	33	33.00	33.00
Conductivity	µS/cm	4	691	736.25	817	817.00	817.00
Copper (Cu)	µg/l	6	< 0.5	< 0.5	< 0.5	0.50	0.50
Dissolved oxygen	mg/l	4	4.3	8.4	11.5	4.30	4.30
Iron (Fe)	mg/l	5	0.035	1.5632	3.68	3.68	3.68
Lead (Pb)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg++)	mg/l	4	15	31.4	43.9	43.90	43.90
Mercury (Hg)	µg/l	3	< 0.25	< 0.25	< 0.25		

Nickel (Ni)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	6	2.79	5.425	6.5	6.50	6.50
Nitrite (NO2-N)	mg/l	4	0.029	0.05625	0.08	0.08	0.08
Orthophosphate (PO4-P)	mg/l	6	0.378	0.91117	2.48	2.48	2.48
Petroleum hydrocarbons	mg/l	4	0.18	0.222	0.248	0.248	0.248
Sulphate (SO4--)	mg/l	4	25.8	41.225	49.7	49.70	49.70
Suspended solids	mg/l	4	31	86.75	168	168.00	168.00
Temperature	°C	4	10.8	16.775	24.4	24.40	24.40
Total nitrogen	mg/l	6	3.43	6.81333	8.34	8.34	8.34
pH	-	4	8.16	8.225	8.3	8.16	8.16

River: Danube **Catchment:** 608820.00 km2 **2010**
Distance from mouth: 641 **Altitude:** 20 m **BG2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	2.8	3.04444	3.4	3.40	3.40
Aluminium (Al)	µg/l	6	< 1.5	7.36667	13	13.00	13.00
Ammonium (NH4-N)	mg/l	12	0.04	0.1125	0.2	0.10	0.20
Arsenic (As)	µg/l	12	1.49	2.38417	3.9	2.07	3.70
Atrazine	µg/l	6	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	12	1.9	2.88333	4.8	2.40	4.60
COD (Cr)	mg/l	12	6	8.8	15	7.30	14.00
COD (Mn)	mg/l	12	3.7	5.74167	10	4.80	9.30
Calcium (Ca++)	mg/l	12	48.2	55.20833	66.5	53.20	60.20
Chloride (Cl-)	mg/l	12	11.3	15.88333	20.6	16.30	19.10
Chromium (Cr) - total	µg/l	12	< 0.5	0.625	2	0.50	0.50
Conductivity	µS/cm	12	311	424.16667	726	400.00	488.00
Copper (Cu)	µg/l	12	1.1	5.73917	22.9	4.00	7.60
Dissolved oxygen	mg/l	12	3.62	7.73417	11.93	6.89	4.35
Iron (Fe)	mg/l	12	0.011	0.05725	0.173	0.038	0.14
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	10	18.10833	29.4	16.70	26.20
Mercury (Hg)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	12	< 0.5	1.71667	3.8	1.50	3.20
Nitrate (NO3-N)	mg/l	12	0.4	0.98333	1.7	0.90	1.60
Nitrite (NO2-N)	mg/l	12	0.01	0.022	0.035	0.019	0.035
Orthophosphate (PO4-P)	mg/l	12	0.04	0.0775	0.2	0.07	0.10
Petroleum hydrocarbons	mg/l	12	< 0.05	0.075	0.2	0.05	0.10
Phenol index	mg/l	12	< 0.001	0.00383	0.01	0.003	0.009
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.8	4.67083	20.1	3.00	6.60
Potassium (K+)	mg/l	12	2.2	2.76667	3.2	2.90	3.10
Sodium (Na+)	mg/l	12	11.8	14.35	18.9	13.60	16.90
Sulphate (SO4--)	mg/l	12	17.4	33.34167	44.6	33.00	40.00
Suspended solids	mg/l	12	13	31.75	129	17.00	69.00
Temperature	°C	12	4	14.54167	28.2	12.70	24.50
Total nitrogen	mg/l	12	< 0.5	1.68833	2.56	1.88	2.47
Total phosphorus	mg/l	12	0.06	0.09917	0.2	0.08	0.20

Zinc (Zn)	µg/l	12	3	18.85	63.2	11.10	34.00
p,p'-DDT	µg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
pH	-	12	7.58	7.83833	8.07	7.84	7.63

River: Danube **Catchment:** 650340.00 km2 **2010**
Distance from mouth: 554 **Altitude:** 16 m **BG3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	11	0.01	0.05636	0.18	0.03	0.11
Arsenic (As)	µg/l	11	1.5	2.47273	3.6	2.50	3.30
BOD (5)	mg/l	11	1	1.53636	3.1	1.50	1.90
COD (Cr)	mg/l	12	< 2.5	8.86667	21	8.00	10.20
COD (Mn)	mg/l	12	3.2	5.31667	8.7	4.90	7.20
Cadmium (Cd)	µg/l	11	< 0.025	0.16818	1.6	0.025	0.025
Calcium (Ca++)	mg/l	12	49.7	55.675	67.4	54.20	59.30
Chloride (Cl-)	mg/l	12	12.8	17.4	23.4	17.00	23.30
Chromium (Cr) - total	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	7	384	408.71429	429	429.00	429.00
Copper (Cu)	µg/l	11	1.3	7.58182	35	5.70	11.00
Dissolved oxygen	mg/l	12	4.87	8.305	12.17	8.18	5.14
Iron (Fe)	mg/l	12	0.13	0.8375	2.2	0.57	2.10
Lead (Pb)	µg/l	12	< 0.5	1.08333	5.6	0.50	2.40
Magnesium (Mg++)	mg/l	12	10.7	16.425	23.3	17.50	23.30
Nitrate (NO3-N)	mg/l	12	0.88	1.42333	1.8	1.49	1.70
Nitrite (NO2-N)	mg/l	11	0.001	0.01882	0.036	0.018	0.029
Organic nitrogen	mg/l	3	0.5	1.56667	2.3		
Orthophosphate (PO4-P)	mg/l	12	0.007	0.05033	0.11	0.053	0.098
Petroleum hydrocarbons	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	11	0.89	3.33727	7.7	2.96	4.14
Potassium (K+)	mg/l	11	2.2	3.03636	4.1	3.00	3.50
Sodium (Na+)	mg/l	11	10.7	14.65455	18.9	14.50	16.30
Sulphate (SO4--)	mg/l	12	21.2	36.36667	53.5	35.00	48.10
TOC	mg/l	12	3.6	4.89167	6.9	4.60	6.80
Temperature	°C	12	3	14.76667	26.3	13.50	25.30
Total nitrogen	mg/l	12	1.525	2.16567	3.813	1.736	3.10
Total phosphorus	mg/l	12	0.09	0.20167	0.66	0.15	0.28
Zinc (Zn)	µg/l	11	< 0.5	9.86364	40	4.40	30.00

River: Danube **Catchment:** 669900.00 km2 **2010**
Distance from mouth: 503 **Altitude:** 12 m **BG4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	2.5	2.92222	3.2	3.20	3.20
Ammonium (NH4-N)	mg/l	10	0.019	0.0443	0.108	0.108	0.108
Arsenic (As)	µg/l	6	< 0.5	1.35333	2.42	2.42	2.42

Atrazine	µg/l	5	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	10	1.5	2.4	3.5	3.50	3.50
COD (Cr)	mg/l	10	11.8	14.62	20.9	20.90	20.90
COD (Mn)	mg/l	9	3.6	4.94444	6.8	6.80	6.80
Calcium (Ca++)	mg/l	10	47.8	51.23	57.2	57.20	57.20
Chloride (Cl-)	mg/l	10	10.6	16.3	20.6	20.60	20.60
Chromium (Cr) - total	µg/l	9	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	10	330	376.6	459	459.00	459.00
Copper (Cu)	µg/l	9	1	4.72	11.7	11.70	11.70
Dissolved oxygen	mg/l	10	6.6	10.08	16	6.60	6.60
Iron (Fe)	mg/l	10	0.035	0.5258	1.83	1.83	1.83
Lead (Pb)	µg/l	9	< 0.5	1.87889	5.36	5.36	5.36
Lindane (gama-HCH)	µg/l	5	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	10	8.61	11.034	14.1	14.10	14.10
Manganese (Mn)	mg/l	7	< 0.001	0.01171	0.038	0.038	0.038
Nitrate (NO3-N)	mg/l	10	1.37	1.589	1.86	1.86	1.86
Nitrite (NO2-N)	mg/l	10	0.001	0.01989	0.036	0.036	0.036
Organic nitrogen	mg/l	7	0.42	0.62157	0.815	0.815	0.815
Orthophosphate (PO4-P)	mg/l	10	0.049	0.1419	0.268	0.268	0.268
Phenol index	mg/l	9	< 0.001	0.00322	0.007	0.007	0.007
Phytoplankton (biomass - chlorophyll-a)	µg/l	9	1.04	5.55667	16.2	16.20	16.20
Potassium (K+)	mg/l	9	2.39	2.70111	3.13	3.13	3.13
Sodium (Na+)	mg/l	9	10.4	12.97778	17.8	17.80	17.80
Sulphate (SO4--)	mg/l	10	23.7	32.03	38.2	38.20	38.20
Suspended solids	mg/l	10	12	31.2	68	68.00	68.00
TOC	mg/l	9	3.3	4.57556	6.09	6.09	6.09
Temperature	°C	10	2.7	14.46	27	27.00	27.00
Total nitrogen	mg/l	10	1.81	2.16114	2.54	2.54	2.54
Total phosphorus	mg/l	9	0.11	0.224	0.406	0.406	0.406
Zinc (Zn)	µg/l	9	5	17.17778	31.9	31.90	31.90
p,p'-DDT	µg/l	5	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
pH	-	10	7.48	8.051	8.46	7.48	7.48

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	2	2.7	3.1	3.5		
Aluminium (Al)	µg/l	2	< 1.5	< 1.5	< 1.5		
Ammonium (NH4-N)	mg/l	2	0.056	0.068	0.08		
Arsenic (As)	µg/l	2	2.74	2.82	2.9		
Atrazine	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
BOD (5)	mg/l	2	2.4	2.55	2.7		
COD (Cr)	mg/l	2	15.7	18	20.3		
COD (Mn)	mg/l	2	4.3	5	5.7		
Cadmium (Cd)	µg/l	2	< 0.025	< 0.025	< 0.025		
Calcium (Ca++)	mg/l	2	45.4	49.35	53.3		
Chloride (Cl-)	mg/l	2	20.6	20.95	21.3		

Chromium (Cr) - total	µg/l	2	< 0.5	< 0.5	< 0.5
Conductivity	µS/cm	2	409	412.5	416
Copper (Cu)	µg/l	2	2.92	3.315	3.71
Dissolved oxygen	mg/l	2	7.1	7.55	8
Iron (Fe)	mg/l	2	0.043	0.067	0.091
Lead (Pb)	µg/l	2	< 0.5	< 0.5	< 0.5
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.0005	< 0.0005
Magnesium (Mg++)	mg/l	2	10.6	12.95	15.3
Mercury (Hg)	µg/l	2	< 0.25	< 0.25	< 0.25
Nickel (Ni)	µg/l	2	< 0.5	< 0.5	< 0.5
Nitrate (NO3-N)	mg/l	2	0.946	1.063	1.18
Nitrite (NO2-N)	mg/l	2	0.012	0.013	0.014
Organic nitrogen	mg/l	1	0.422	0.422	0.422
Orthophosphate (PO4-P)	mg/l	2	0.034	0.0605	0.087
Petroleum hydrocarbons	mg/l	2	< 0.05	< 0.05	< 0.05
Phenol index	mg/l	2	0.002	0.0025	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	14.4	19.15	23.9
Potassium (K+)	mg/l	2	3.33	3.405	3.48
Sodium (Na+)	mg/l	2	13.6	15.65	17.7
Sulphate (SO4--)	mg/l	2	32.6	32.6	32.6
Suspended solids	mg/l	2	28	29.5	31
TOC	mg/l	2	5.71	6.095	6.48
Temperature	°C	2	26.6	27	27.4
Total nitrogen	mg/l	2	1.33	1.5	1.67
Total phosphorus	mg/l	2	0.093	0.111	0.129
Zinc (Zn)	µg/l	2	< 0.5	< 0.5	< 0.5
p,p'-DDT	µg/l	2	< 0.0005	< 0.0005	< 0.0005

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	2	8.32	8.345	8.37		

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	2	2.7	3.1	3.5		
Aluminium (Al)	µg/l	2	< 1.5	< 1.5	< 1.5		
Ammonium (NH4-N)	mg/l	2	0.03	0.031	0.032		
Arsenic (As)	µg/l	2	2.65	2.7	2.75		
Atrazine	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
BOD (5)	mg/l	2	2.1	2.25	2.4		
COD (Cr)	mg/l	2	13.5	16.15	18.8		
COD (Mn)	mg/l	2	3.9	4.7	5.5		

Cadmium (Cd)	µg/l	2	< 0.025	< 0.025	< 0.025
Calcium (Ca++)	mg/l	2	46.1	50.5	54.9
Chloride (Cl-)	mg/l	2	20.6	20.95	21.3
Chromium (Cr) - total	µg/l	2	< 0.5	< 0.5	< 0.5
Conductivity	µS/cm	2	408	409	410
Copper (Cu)	µg/l	2	2.77	3.105	3.44
Dissolved oxygen	mg/l	2	7.1	7.65	8.2
Iron (Fe)	mg/l	2	0.037	0.0625	0.088
Lead (Pb)	µg/l	2	< 0.5	< 0.5	< 0.5
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.0005	< 0.0005
Magnesium (Mg++)	mg/l	2	10.5	12.85	15.2
Mercury (Hg)	µg/l	2	< 0.25	< 0.25	< 0.25
Nickel (Ni)	µg/l	2	< 0.5	< 0.5	< 0.5
Nitrate (NO3-N)	mg/l	2	0.919	1.0545	1.19
Nitrite (NO2-N)	mg/l	2	0.006	0.007	0.008
Organic nitrogen	mg/l	1	0.482	0.482	0.482
Orthophosphate (PO4-P)	mg/l	2	0.034	0.059	0.084
Petroleum hydrocarbons	mg/l	2	< 0.05	< 0.05	< 0.05
Phenol index	mg/l	2	0.002	0.004	0.006
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	17	22.95	28.9
Potassium (K+)	mg/l	2	2.94	3.135	3.33
Sodium (Na+)	mg/l	2	17.8	18.6	19.4
Sulphate (SO4--)	mg/l	2	30.4	33.15	35.9
Suspended solids	mg/l	2	20	21.5	23
TOC	mg/l	2	5.4	5.93	6.46
Temperature	°C	2	26.7	26.95	27.2
Total nitrogen	mg/l	2	1.3	1.505	1.71
Total phosphorus	mg/l	2	0.115	0.12	0.125
Zinc (Zn)	µg/l	2	< 0.5	7.25	14
p,p'-DDT	µg/l	2	< 0.0005	< 0.0005	< 0.0005

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	2	8.3	8.35	8.4		

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.2375	3.8	3.15	3.60
Aluminium (Al)	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Ammonium (NH4-N)	mg/l	12	0.021	0.05842	0.166	0.041	0.086
Arsenic (As)	µg/l	12	< 0.5	2.06833	3.01	2.14	2.86
Atrazine	µg/l	7	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025

BOD (5)	mg/l	12	1	2.09167	2.5	2.10	2.50
COD (Cr)	mg/l	12	9.8	13.63333	20.7	12.20	17.70
COD (Mn)	mg/l	12	3.6	4.36667	5.8	4.00	5.30
Cadmium (Cd)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	46	58.9	141	50.90	62.30
Chloride (Cl-)	mg/l	12	15.6	19.28333	23.5	18.80	21.30
Chromium (Cr) - total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	333	392.08333	496	395.00	414.00
Copper (Cu)	µg/l	12	1.5	3.08583	5.32	2.91	4.45
Dissolved oxygen	mg/l	12	6.5	10.66	17.2	8.82	7.10
Iron (Fe)	mg/l	12	0.031	0.37667	1.35	0.132	1.05
Lead (Pb)	µg/l	12	< 0.5	0.56333	1.26	0.50	0.50
Lindane (gama-HCH)	µg/l	7	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	8.62	12.42833	18	11.30	17.90
Mercury (Hg)	µg/l	11	< 0.25	< 0.25	< 0.25	0.25	0.25
Nickel (Ni)	µg/l	12	< 0.5	0.68167	2.68	0.50	0.50
Nitrate (NO3-N)	mg/l	12	0.947	1.38808	1.74	1.40	1.60
Nitrite (NO2-N)	mg/l	12	0.005	0.01542	0.023	0.017	0.021
Organic nitrogen	mg/l	10	< 0.205	0.6099	0.961	0.961	0.961
Orthophosphate (PO4-P)	mg/l	12	0.036	0.10975	0.184	0.101	0.168
Petroleum hydrocarbons	mg/l	12	< 0.05	0.0625	0.2	0.05	0.05
Phenol index	mg/l	12	< 0.001	0.00367	0.008	0.003	0.008
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.829	9.51725	26.3	4.76	21.30
Potassium (K+)	mg/l	12	2.37	2.81167	3.6	2.68	3.14
Sodium (Na+)	mg/l	12	11.3	14.675	18.3	14.40	16.80
Sulphate (SO4--)	mg/l	12	24.2	33.48333	40.1	33.10	40.00
Suspended solids	mg/l	12	12	31.41667	57	31.00	50.00
TOC	mg/l	12	3.5	4.6675	6.28	4.26	5.96
Temperature	°C	12	1.5	13.925	27	13.70	26.50
Total nitrogen	mg/l	12	1.35	2.02192	2.47	1.997	2.46
Total phosphorus	mg/l	12	0.083	0.2345	0.467	0.206	0.407
Zinc (Zn)	µg/l	12	< 0.5	11.90833	90.9	0.50	37.20
p,p'-DDT	µg/l	7	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	7.6	8.07667	8.41	8.12	7.61

River: Morava **Catchment:** 9725.00 km2 **2010**
Distance from mouth: 79 **Altitude:** 150 m **CZ1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	15	11	15.06667	20	15.00	18.00
Alkalinity - total	mmol/l	12	2.11	2.77833	3.55	2.85	3.33

Temperature	°C	15	< 0.00000	10.31333	22.5	10.50	19.30
Tetrachloroethylene	µg/l	15	< 0.05	< 0.05	< 0.05	0.05	0.05
Total phosphorus	mg/l	15	0.055	0.12613	0.218	0.123	0.197
Trichloroethylene	µg/l	15	< 0.05	< 0.05	< 0.05	0.05	0.05
Zinc (Zn)	µg/l	15	8.3	28.33333	86.6	20.80	55.30
p,p'-DDT	µg/l	15	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	15	7.8	8.02	8.5	8.00	7.80

River: Morava/Dyje **Catchment:** 12540.00 km2 **2010**
Distance from mouth: 17 **Altitude:** 155 m **CZ2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	18	23.08333	28	22.00	27.00
Alkalinity - total	mmol/l	12	1.95	2.79333	3.45	2.84	3.21
Aluminium (Al)	µg/l	12	79	215.58333	553	162.00	378.00
Aluminium (Al), dissolved	µg/l	12	< 2.5	6.31333	19.9	2.50	9.59
Ammonium (NH4-N)	mg/l	12	0.04	0.10167	0.19	0.07	0.18
Arsenic (As)	µg/l	12	1.2	1.59333	2.27	1.42	2.19
Arsenic (As), dissolved	µg/l	12	< 0.5	1.2775	2.26	1.19	2.00
Atrazine	µg/l	12	0.0061	0.01088	0.0362	0.008	0.0117
BOD (5)	mg/l	12	1.5	2.59167	3.8	2.20	3.80
COD (Cr)	mg/l	12	15.8	19.68333	24	18.90	22.60
Cadmium (Cd)	µg/l	12	< 0.025	0.02842	0.066	0.025	0.025
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	53.5	67.975	83.3	67.50	73.40
Carbon tetrachloride	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Chloride (Cl-)	mg/l	12	30.8	38.73333	50.3	36.10	48.90
Chloroform	µg/l	12	< 0.015	0.04583	0.3	0.015	0.10
Chromium (Cr) - total	µg/l	12	0.886	1.40467	2.88	1.15	2.08
Conductivity	µS/cm	12	512	662.41667	721	675.00	713.00
Copper (Cu)	µg/l	12	2.39	3.6975	5.25	3.40	4.94
Copper (Cu), dissolved	µg/l	12	1.62	2.00417	2.5	1.98	2.24
Dissolved oxygen	mg/l	12	7.8	11.225	14.2	10.80	8.00
Flow	m3/s	365	24.3	75.66466	330	61.40	139.30
Iron (Fe)	mg/l	12	0.148	0.32408	0.86	0.24	0.547
Lead (Pb)	µg/l	12	< 0.25	0.85725	2.52	0.627	1.57
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	2	2.12	2.145	2.17		
Magnesium (Mg++)	mg/l	12	17.3	25.35	29.9	25.50	29.20
Manganese (Mn)	mg/l	12	0.055	0.09158	0.148	0.076	0.128
Mercury (Hg)	µg/l	12	< 0.025	0.09125	0.39	0.025	0.27
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	4.01	5.23333	5.98	5.21	5.89
Nickel (Ni), dissolved	µg/l	12	3.14	4.84667	5.97	4.95	5.46
Nitrate (NO3-N)	mg/l	12	3.44	4.74917	7.95	4.18	6.65
Nitrite (NO2-N)	mg/l	12	0.021	0.04475	0.11	0.035	0.077
Orthophosphate (PO4-P)	mg/l	12	0.02	0.09575	0.16	0.101	0.13

PAHs (Borneff 6)	µg/l	12	0.007	0.01475	0.029	0.01	0.029
Phenol index	mg/l	12	< 0.0004	0.00048	0.0013	0.0004	0.0004
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 1.25	17.87917	45.7	11.30	32.10

River: Morava/Dyje **Catchment:** 12540.00 km2 **2010**
Distance from mouth: 17 **Altitude:** 155 m **CZ2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Potassium (K+)	mg/l	12	5.79	7.31833	8.73	7.47	8.47
Sodium (Na+)	mg/l	12	22.5	28.98333	38.5	27.20	37.10
Sulphate (SO4--)	mg/l	12	80.4	127.86667	162	130.00	159.00
Suspended solids	mg/l	12	2	16.58333	26	17.00	25.00
TOC	mg/l	12	5.9	7.30417	9.41	6.79	9.09
Temperature	°C	12	0.4	9.83333	23.9	9.40	17.20
Tetrachloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Total phosphorus	mg/l	12	0.076	0.14758	0.224	0.145	0.189
Trichloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Zinc (Zn)	µg/l	12	< 2.5	8.85083	17.2	6.94	14.30
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	8	8.18333	8.5	8.10	8.00

River: Danube **Catchment:** 77086.00 km2 **2010**
Distance from mouth: 2204 **Altitude:** 290 m **DE2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	17	< 5	5.29412	10	5.00	5.00
Alkalinity - total	mmol/l	22	1.87	3.15864	3.96	3.21	3.84
Ammonium (NH4-N)	mg/l	36	< 0.01	0.04036	0.12	0.03	0.08
Arsenic (As)	µg/l	13	< 0.5	0.92308	3	0.50	2.00
Arsenic (As), dissolved	µg/l	12	< 0.5	0.625	1	0.50	1.00
Atrazine	µg/l	16	< 0.005	0.01375	0.03	0.01	0.02
BOD (5)	mg/l	25	< 0.5	1.52	3.1	1.60	2.10
COD (Cr)	mg/l	23	5.4	9.39565	17	8.30	13.00
Cadmium (Cd)	µg/l	13	< 0.05	0.05769	0.1	0.05	0.10
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Carbon tetrachloride	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Chloride (Cl-)	mg/l	25	11	20.32	39	19.00	35.00
Chloroform	µg/l	11	< 0.1	0.11727	0.29	0.10	0.10
Chromium (Cr) - total	µg/l	13	< 0.5	1.11538	3	0.50	2.00
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	25	290	369.48	475	370.00	455.00
Copper (Cu)	µg/l	13	< 0.5	2.11538	5	2.00	4.00
Copper (Cu), dissolved	µg/l	12	1	1.66667	3	2.00	2.00
DOC	mg/l	23	1.9	2.65652	4.8	2.50	3.40
Dissolved oxygen	mg/l	25	8.6	10.568	13	10.40	9.00
Flow	m3/s	365	748	1420.3780	4772	1234.00	2228.00

Iron (Fe)	mg/l	19	0.07	0.38368	1.7	0.21	0.85
Lead (Pb)	µg/l	13	< 0.5	0.76923	2	0.50	2.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Manganese (Mn)	mg/l	19	0.006	0.02047	0.056	0.018	0.04
Mercury (Hg), dissolved	µg/l	12	< 0.0025	0.00433	0.011	0.0025	0.008
Nickel (Ni)	µg/l	13	< 0.5	1.65385	5	1.00	3.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.625	1	0.50	1.00
Nitrate (NO3-N)	mg/l	36	1.1	2.28	5.7	2.14	3.41
Nitrite (NO2-N)	mg/l	35	0.005	0.01294	0.026	0.011	0.021
Orthophosphate (PO4-P)	mg/l	36	< 0.0025	0.033	0.073	0.028	0.054
Phytoplankton (biomass - chlorophyll-a)	µg/l	15	1	7.4	36	4.00	16.00
Sulphate (SO4--)	mg/l	22	15	24.36364	32	24.00	30.00
Suspended solids	mg/l	25	< 1.5	17.26	79	11.00	43.00
TOC	mg/l	25	2	3.14	5.6	2.90	4.30
Temperature	°C	25	1.7	11.128	21.5	11.80	18.60
Tetrachloroethylene	µg/l	11	< 0.1	0.13818	0.31	0.10	0.31

River: Danube **Catchment:** 77086.00 km2 **2010**
Distance from mouth: 2204 **Altitude:** 290 m **DE2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	24	1.3	2.39167	3.9	2.30	3.30
Total phosphorus	mg/l	36	0.033	0.07111	0.16	0.062	0.12
Total phosphorus, dissolved	mg/l	34	0.01	0.04488	0.099	0.045	0.075
Trichloroethylene	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Zinc (Zn)	µg/l	13	< 5	8.46154	40	5.00	10.00
Zinc (Zn), dissolved	µg/l	12	< 5	5.41667	10	5.00	5.00
pH	-	25	8	8.224	8.7	8.20	8.10

River: Inn **Catchment:** 9905.00 km2 **2010**
Distance from mouth: 195 **Altitude:** 452 m **DE3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	13	< 5	6.15385	20	5.00	5.00
Alkalinity - total	mmol/l	11	1.6	2.72727	4.3	2.80	3.30
Ammonium (NH4-N)	mg/l	25	< 0.01	0.0376	0.09	0.03	0.07
Arsenic (As)	µg/l	13	1	2	8	1.00	4.00
Arsenic (As), dissolved	µg/l	13	< 0.5	1	2	1.00	1.00
BOD (5)	mg/l	25	< 0.5	0.764	2.3	0.50	1.50
Cadmium (Cd)	µg/l	13	< 0.05	0.06538	0.2	0.05	0.10
Cadmium (Cd), dissolved	µg/l	13	< 0.025	0.03115	0.08	0.025	0.05
Calcium (Ca++)	mg/l	11	28	34.18182	46	30.00	44.00
Carbon tetrachloride	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Chloride (Cl-)	mg/l	21	2.2	6.04762	13	5.00	10.00
Chloroform	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10

Chromium (Cr) - total	µg/l	13	< 0.5	2.34615	14	0.50	7.00
Chromium (Cr), total	µg/l	13	< 0.5	0.61538	2	0.50	0.50
Conductivity	µS/cm	25	119	226.16	369	214.00	313.00
Copper (Cu)	µg/l	13	1	4.15385	26	2.00	7.00
Copper (Cu), dissolved	µg/l	13	< 0.5	1.53846	7	1.00	2.00
DOC	mg/l	12	0.8	1.24167	2.1	1.20	1.50
Dissolved oxygen	mg/l	25	9.1	10.636	12.3	10.70	9.50
Flow	m3/s	365	96.9	283.43671	915	209.00	514.00
Iron (Fe)	mg/l	13	0.03	1.48615	11	0.30	2.90
Lead (Pb)	µg/l	13	< 0.5	2.34615	11	0.50	9.00
Lead (Pb), dissolved	µg/l	13	< 0.5	0.69231	3	0.50	0.50
Magnesium (Mg++)	mg/l	11	7.5	9.57273	14	8.70	13.00
Manganese (Mn)	mg/l	13	0.003	0.03538	0.21	0.008	0.099
Mercury (Hg), dissolved	µg/l	12	< 0.0025	0.01096	0.029	0.007	0.022
Nickel (Ni)	µg/l	13	< 0.5	3.88462	22	1.00	8.00
Nickel (Ni), dissolved	µg/l	13	< 0.5	1.15385	5	1.00	2.00
Nitrate (NO3-N)	mg/l	25	0.3	0.556	0.9	0.50	0.80
Nitrite (NO2-N)	mg/l	25	< 0.0025	0.00714	0.016	0.006	0.014
Orthophosphate (PO4-P)	mg/l	25	< 0.0025	0.00818	0.019	0.008	0.016
Potassium (K+)	mg/l	11	1	1.76364	2.9	1.70	2.00
Sodium (Na+)	mg/l	11	2.3	4.31818	9.3	3.60	5.80
Sulphate (SO4--)	mg/l	14	18	30.35714	43	32.00	38.00
Suspended solids	mg/l	25	< 1.5	75.38	918	7.00	168.00
TOC	mg/l	25	0.8	1.948	13	1.30	2.80
Temperature	°C	25	1.7	8.236	15	8.30	13.70
Tetrachloroethylene	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10

River: Inn **Catchment:** 9905.00 km2 **2010**
Distance from mouth: 195 **Altitude:** 452 m **DE3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	13	0.4	0.62308	1	0.60	1.00
Total phosphorus	mg/l	24	0.011	0.0725	0.298	0.044	0.207
Total phosphorus, dissolved	mg/l	24	0.007	0.02271	0.08	0.016	0.038
Trichloroethylene	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Zinc (Zn)	µg/l	13	< 5	10	40	5.00	20.00
Zinc (Zn), dissolved	µg/l	11	< 5	6.36364	10	5.00	10.00
pH	-	26	7.8	8.14615	8.4	8.20	7.90

River: Inn/Salzach **Catchment:** 6113.00 km2 **2010**
Distance from mouth: 47 **Altitude:** 390 m **DE4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	9	< 5	< 5	< 5	5.00	5.00
Ammonium (NH4-N)	mg/l	25	< 0.01	0.0308	0.1	0.02	0.06
Arsenic (As)	µg/l	12	< 0.5	0.95833	5	0.50	1.00

Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	25	1	2.076	3.6	2.00	3.10
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	23.6	38.96667	50.2	37.80	47.70
Carbon tetrachloride	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Chloride (Cl-)	mg/l	25	3.5	9.036	19	7.30	17.00
Chloroform	µg/l	9	< 0.1	0.13556	0.42	0.42	0.42
Chromium (Cr) - total	µg/l	12	< 0.5	1.45833	10	0.50	2.00
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	25	186	275.76	359	274.00	348.00
Copper (Cu)	µg/l	12	< 0.5	2.70833	14	2.00	3.00
Copper (Cu), dissolved	µg/l	12	< 0.5	0.75	2	0.50	1.00
DOC	mg/l	12	0.8	1.38333	2	1.30	1.90
Dissolved oxygen	mg/l	25	9.9	11.708	13.7	11.60	10.70
Flow	m3/s	365	81.7	225.05397	1820	174.00	406.00
Iron (Fe)	mg/l	12	0.1	1.10167	9.1	0.34	1.10
Lead (Pb)	µg/l	12	< 0.5	1	6	0.50	1.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg++)	mg/l	12	5.9	8.61667	11.6	8.00	11.40
Manganese (Mn)	mg/l	12	0.012	0.05425	0.4	0.019	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.0025	0.00417	0.011	0.0025	0.007
Nickel (Ni)	µg/l	12	< 0.5	2	14	0.50	3.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	25	0.39	0.624	0.88	0.61	0.80
Nitrite (NO2-N)	mg/l	25	< 0.0025	0.00432	0.008	0.0025	0.007
Orthophosphate (PO4-P)	mg/l	25	< 0.0025	0.00898	0.018	0.008	0.013
Potassium (K+)	mg/l	12	0.9	1.225	1.7	1.10	1.50
Sodium (Na+)	mg/l	12	2.6	5.65833	12	4.40	8.30
Sulphate (SO4--)	mg/l	12	12	19.83333	31	17.00	27.00
Suspended solids	mg/l	25	< 1.5	24.12	241	4.00	88.00
TOC	mg/l	25	1.2	2.004	6.9	1.50	3.30
Temperature	°C	25	2.1	8.188	16.2	8.30	13.10
Tetrachloroethylene	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Total nitrogen	mg/l	25	0.5	0.724	1	0.70	0.90

River: Inn/Salzach **Catchment:** 6113.00 km2 **2010**
Distance from mouth: 47 **Altitude:** 390 m **DE4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	25	0.017	0.0484	0.313	0.025	0.095
Total phosphorus, dissolved	mg/l	24	0.008	0.01913	0.054	0.014	0.03
Trichloroethylene	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Zinc (Zn)	µg/l	12	< 5	7.5	30	5.00	10.00
Zinc (Zn), dissolved	µg/l	12	< 5	6.66667	20	5.00	10.00
pH	-	25	7.6	7.848	8.5	7.80	7.70

River: Danube **Catchment:** 11315.00 km2 **2010**
Distance from mouth: 2538 **Altitude:** m **DE5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	7.08333	20	5.00	10.00
Alkalinity - total	mmol/l	12	3.7	4.61667	5.1	4.60	5.00
Ammonium (NH4-N)	mg/l	25	0.02	0.058	0.11	0.05	0.10
Arsenic (As)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Atrazine	µg/l	16	< 0.005	0.01531	0.02	0.02	0.02
BOD (5)	mg/l	25	< 0.5	1.148	2.3	1.20	1.60
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	72	86.66667	98	85.00	96.00
Carbon tetrachloride	µg/l	10	< 0.1	< 0.1	< 0.1	0.10	0.10
Chloride (Cl-)	mg/l	25	15	29.92	56	28.00	42.00
Chloroform	µg/l	10	< 0.1	< 0.1	< 0.1	0.10	0.10
Chromium (Cr) - total	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	25	394	520.84	620	520.00	595.00
Copper (Cu)	µg/l	12	< 0.5	1.25	5	1.00	2.00
Copper (Cu), dissolved	µg/l	11	1	1.45455	2	1.00	2.00
DOC	mg/l	12	1.8	2.64167	3.7	2.60	3.40
Dissolved oxygen	mg/l	24	7.3	10.2125	13.2	10.30	7.50
Flow	m3/s	365	87.6	177.68877	664	146.00	285.00
Iron (Fe)	mg/l	12	0.09	0.16583	0.3	0.10	0.30
Lead (Pb)	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Magnesium (Mg++)	mg/l	12	9	11.91667	14	12.00	14.00
Manganese (Mn)	mg/l	12	0.014	0.02475	0.07	0.019	0.033
Mercury (Hg), dissolved	µg/l	12	< 0.0025	0.00388	0.011	0.0025	0.008
Nickel (Ni)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	25	1.6	3.124	4	3.10	3.90
Nitrite (NO2-N)	mg/l	25	0.01	0.01688	0.03	0.016	0.024
Orthophosphate (PO4-P)	mg/l	25	0.018	0.03844	0.054	0.04	0.049
Phytoplankton (biomass - chlorophyll-a)	µg/l	14	2	8.21429	27	7.00	16.00
Potassium (K+)	mg/l	12	1.8	2.25833	3.1	2.20	2.70
Sodium (Na+)	mg/l	12	9.7	15.28333	29.2	13.50	18.70
Sulphate (SO4--)	mg/l	12	13	18.33333	21	18.00	21.00
Suspended solids	mg/l	25	< 1.5	13.12	80	9.00	26.00
TOC	mg/l	25	1.9	3.1	5	3.10	4.10
Temperature	°C	25	2.1	10.544	23.1	10.90	18.30

River: Danube **Catchment:** 11315.00 km2 **2010**
Distance from mouth: 2538 **Altitude:** m **DE5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Tetrachloroethylene	µg/l	10	< 0.1	0.115	0.25	0.25	0.25
Total nitrogen	mg/l	25	2	3.332	4.3	3.30	4.10
Total phosphorus	mg/l	25	0.05	0.07892	0.12	0.078	0.10
Total phosphorus, dissolved	mg/l	24	0.025	0.04379	0.059	0.047	0.053
Trichloroethylene	µg/l	10	< 0.1	< 0.1	< 0.1	0.10	0.10
Zinc (Zn)	µg/l	12	< 5	< 5	< 5	5.00	5.00
pH	-	25	8	8.184	8.4	8.20	8.10

River: Danube **Catchment:** 210250.00 km2 **2010**
Distance from mouth: 1429 **Altitude:** 86 m **HR1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.46853	1.73993	2.05794	1.6983	1.948
Ammonium (NH4-N)	mg/l	12	0.01	0.043	0.139	0.017	0.084
Anionic active surfactants	mg/l	12	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.829	1.71075	2.28	1.71	2.13
BOD (5)	mg/l	12	0.8	1.79167	3.4	1.70	2.80
COD (Cr)	mg/l	12	7.6	10.72833	13.5	9.60	13.44
COD (Mn)	mg/l	12	2.6	3.60833	5	3.40	4.20
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.01425	0.029	0.013	0.024
Calcium (Ca++)	mg/l	12	47.6	58.41333	68.7	58.20	67.50
Chloride (Cl-)	mg/l	12	14.5	23.29	37.4	22.40	30.70
Chromium (Cr), total	µg/l	12	0.065	0.36875	1.05	0.169	0.746
Conductivity	µS/cm	12	387	516.41667	651	518.00	597.00
Copper (Cu), dissolved	µg/l	12	0.88	1.475	2.04	1.42	1.88
Dissolved oxygen	mg/l	12	7.7	10.48333	12.7	11.10	8.00
Lead (Pb), dissolved	µg/l	12	0.013	0.05792	0.191	0.051	0.075
Lindane (gama-HCH)	µg/l	12	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	12.7	16.17333	21.5	15.40	20.20
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00242	0.005	0.002	0.004
Nickel (Ni), dissolved	µg/l	12	0.778	1.27	2.46	1.12	1.86
Nitrate (NO3-N)	mg/l	12	1.32	2.11	3.19	1.82	3.01
Nitrite (NO2-N)	mg/l	12	0.004	0.01317	0.031	0.009	0.028
Organic nitrogen	mg/l	12	0.078	0.26217	0.581	0.229	0.432
Orthophosphate (PO4-P)	mg/l	12	0.005	0.04958	0.091	0.05	0.081
Petroleum hydrocarbons	mg/l	12	< 0.0025	0.00533	0.0108	0.0025	0.0096
Phenol index	mg/l	12	< 0.0015	0.0024	0.0085	0.0015	0.0035
Potassium (K+)	mg/l	12	2.5	3.14417	4.03	2.91	3.97
Sodium (Na+)	mg/l	12	10.3	16.91083	25.3	15.10	22.00
Sulphate (SO4--)	mg/l	12	27	40.07833	50.6	39.50	50.10
Suspended solids	mg/l	12	6.4	30.075	51.6	22.80	50.80
TOC	mg/l	12	2.52	3.22	4.04	3.14	3.87
Temperature	°C	12	1.9	12.36667	22.6	13.20	20.60
Total nitrogen	mg/l	12	1.76	2.42583	3.53	2.14	3.25
Total phosphorus	mg/l	12	0.075	0.11742	0.19	0.11	0.165
Zinc (Zn), dissolved	µg/l	12	1.24	2.3725	4.11	2.16	3.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.98	8.25833	8.63	8.20	8.05

River: Danube **Catchment:** 210250.00 km2 **2010**
Distance from mouth: 1429 **Altitude:** 86 m **HR1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	1	8	8	8		
Macrozoobenthos sapr. index	-	1	2.13	2.13	2.13		

River: Sava **Catchment:** 10878.00 km2 **2010**
Distance from mouth: 729 **Altitude:** 135 m **HR10**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.14785	2.44589	2.6973	2.4575	2.6474
Ammonium (NH4-N)	mg/l	12	0.025	0.06175	0.181	0.054	0.097
Anionic active surfactants	mg/l	12	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.381	0.72667	1.5	0.578	1.16
BOD (5)	mg/l	12	1.1	1.48333	2.1	1.40	2.10
COD (Cr)	mg/l	12	3.7	8.25	18.6	7.20	10.00
COD (Mn)	mg/l	12	1.5	3.15833	5.7	2.70	4.30
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.01592	0.042	0.011	0.039
Calcium (Ca++)	mg/l	12	66.8	78.175	88.3	78.30	85.40
Chloride (Cl-)	mg/l	12	8	12.31833	23.6	11.00	17.20
Chromium (Cr), total	µg/l	12	0.19	0.69492	3.57	0.315	0.946
Conductivity	µS/cm	12	447	525.91667	608	514.00	582.00
Copper (Cu), dissolved	µg/l	12	0.284	0.96442	1.85	0.834	1.58
Dissolved oxygen	mg/l	12	8.3	10.49167	12.3	10.60	8.70
Lead (Pb), dissolved	µg/l	12	0.035	0.07367	0.12	0.064	0.119
Lindane (gama-HCH)	µg/l	12	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	13.9	16.26667	19	15.80	18.90
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00198	0.005	0.001	0.0032
Nickel (Ni), dissolved	µg/l	12	0.861	1.23467	2.41	1.00	1.60
Nitrate (NO3-N)	mg/l	12	0.67	1.13167	1.66	1.01	1.57
Nitrite (NO2-N)	mg/l	12	0.007	0.0135	0.026	0.013	0.018
Organic nitrogen	mg/l	12	0.08	0.21058	0.313	0.223	0.257
Orthophosphate (PO4-P)	mg/l	12	0.015	0.04292	0.086	0.035	0.059
Petroleum hydrocarbons	mg/l	12	< 0.0025	0.00433	0.0115	0.0025	0.0061
Potassium (K+)	mg/l	12	1.77	2.53333	3.52	2.25	3.48
Sodium (Na+)	mg/l	12	6.51	9.75917	14.2	9.03	12.30
Sulphate (SO4--)	mg/l	12	17.2	21.46667	27.6	20.10	26.70
Suspended solids	mg/l	12	3.2	16.125	98	6.40	26.80
TOC	mg/l	12	2.05	2.86425	5.066	2.70	3.55
Temperature	°C	12	2.8	11.85833	24.7	10.60	22.10
Total nitrogen	mg/l	12	1	1.4175	2.11	1.28	1.86
Total phosphorus	mg/l	12	0.059	0.09333	0.185	0.082	0.124
Zinc (Zn), dissolved	µg/l	12	0.27	1.29	4	1.04	1.50
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025

pH - 12 8.06 8.17083 8.37 8.16 8.06

River: Danube **Catchment:** 243147.00 km2 **2010**
Distance from mouth: 1337 **Altitude:** 89 m **HR2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.30869	1.6983	1.97802	1.6783	1.9281
Ammonium (NH4-N)	mg/l	12	0.01	0.06233	0.14	0.041	0.131
Arsenic (As), dissolved	µg/l	12	1.23	1.78333	2.34	1.78	2.33
BOD (5)	mg/l	12	1	2.175	3.4	2.20	2.80
COD (Mn)	mg/l	12	2.3	3.75917	5.5	3.80	5.00
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.00967	0.023	0.005	0.014
Calcium (Ca++)	mg/l	12	42.5	56.58333	64.9	57.70	64.70
Chloride (Cl-)	mg/l	12	13.6	20.3	32.7	18.60	27.30
Chromium (Cr), total	µg/l	12	0.072	0.5855	1.77	0.335	0.975
Conductivity	µS/cm	12	367	478.33333	589	480.00	554.00
Copper (Cu), dissolved	µg/l	12	0.51	1.42167	2.03	1.44	1.91
Dissolved oxygen	mg/l	12	6.3	10.17	13.3	10.10	7.60
Lead (Pb), dissolved	µg/l	12	0.034	0.10275	0.289	0.08	0.163
Lindane (gama-HCH)	µg/l	4	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	11	15.63333	19.8	16.00	19.10
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00133	0.004	0.001	0.002
Nickel (Ni), dissolved	µg/l	12	0.34	1.58608	3.68	1.38	2.19
Nitrate (NO3-N)	mg/l	12	0.7	1.87417	3.02	1.74	2.67
Nitrite (NO2-N)	mg/l	12	0.005	0.01467	0.033	0.012	0.027
Organic nitrogen	mg/l	12	0.095	0.29467	0.638	0.294	0.42
Orthophosphate (PO4-P)	mg/l	12	0.012	0.04378	0.073	0.044	0.064
Petroleum hydrocarbons	mg/l	12	< 0.0025	0.00386	0.0139	0.0025	0.0074
Potassium (K+)	mg/l	12	2.32	2.96667	3.86	2.89	3.52
Sodium (Na+)	mg/l	12	9.97	15.28083	22.7	14.40	19.30
Sulphate (SO4--)	mg/l	12	26.5	36.98333	45.3	36.50	44.10
Suspended solids	mg/l	12	4	16.4	50.8	13.00	23.20
TOC	mg/l	12	2.6	3.22042	4.18	3.12	3.88
Temperature	°C	12	2.3	12.30833	26.8	10.30	23.90
Total nitrogen	mg/l	12	1.16	2.24583	3.37	2.12	3.13
Total phosphorus	mg/l	12	0.074	0.11698	0.2158	0.102	0.144
Zinc (Zn), dissolved	µg/l	12	1.08	3.52417	10.6	2.69	5.51
p,p'-DDT	µg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.94	8.08917	8.41	8.05	7.96

River: Drava **Catchment:** 31038.00 km2 **2010**
Distance from mouth: 227 **Altitude:** 123 m **HR4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.17882	1.31452	1.54845	1.2987	1.4486
Ammonium (NH4-N)	mg/l	12	0.021	0.04433	0.073	0.041	0.065

Anionic active surfactants	mg/l	6	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.771	1.20475	1.97	1.03	1.82
BOD (5)	mg/l	12	1	1.78333	3.7	1.70	2.20
COD (Cr)	mg/l	12	4.7	7.36833	10.2	6.90	9.70
COD (Mn)	mg/l	12	2	2.93333	4.5	2.60	4.30
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.01342	0.022	0.013	0.021
Calcium (Ca++)	mg/l	12	37.7	44.525	50.5	43.20	48.90
Chloride (Cl-)	mg/l	12	6.94	10.11917	13.7	8.80	13.20
Chromium (Cr), total	µg/l	12	0.095	0.4055	1.63	0.246	0.545
Conductivity	µS/cm	12	279	328.91667	397	314.00	379.00
Copper (Cu), dissolved	µg/l	12	0.305	0.66217	0.988	0.612	0.954
Dissolved oxygen	mg/l	12	8	10.12083	12.5	9.40	8.50
Lead (Pb), dissolved	µg/l	12	0.062	0.20242	0.353	0.159	0.338
Lindane (gama-HCH)	µg/l	12	< 0.00075	0.00081	0.0015	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	8.28	10.185	12	10.20	11.40
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.0022	0.006	0.001	0.005
Nickel (Ni), dissolved	µg/l	12	0.223	1.11958	2.73	0.743	1.93
Nitrate (NO3-N)	mg/l	12	0.82	1.23	2.15	1.05	1.59
Nitrite (NO2-N)	mg/l	12	0.006	0.01042	0.016	0.01	0.015
Organic nitrogen	mg/l	12	0.055	0.16275	0.343	0.13	0.284
Orthophosphate (PO4-P)	mg/l	12	0.005	0.02083	0.032	0.022	0.031
Petroleum hydrocarbons	mg/l	4	< 0.0025	0.00388	0.008	0.008	0.008
Phenol index	mg/l	4	< 0.0015	0.00303	0.0076	0.0076	0.0076
Potassium (K+)	mg/l	12	1.54	2.06333	2.81	2.04	2.28
Sodium (Na+)	mg/l	12	6.09	8.79667	11.8	8.36	11.20
Sulphate (SO4--)	mg/l	12	20.3	23.775	27.7	24.30	26.60
Suspended solids	mg/l	12	2	14.2	42	8.00	30.50
TOC	mg/l	12	1.51	2.13725	3.095	1.92	2.78
Temperature	°C	12	1.7	11.70833	21.3	9.90	20.50
Total nitrogen	mg/l	12	0.96	1.4475	2.44	1.32	1.84
Total phosphorus	mg/l	12	0.028	0.06408	0.125	0.05	0.113
Zinc (Zn), dissolved	µg/l	12	1.34	3.1	9.75	2.59	4.31
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.7	8.005	8.18	7.99	7.94

River: Drava **Catchment:** 31038.00 km2 **2010**
Distance from mouth: 227 **Altitude:** 123 m **HR4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	1	6	6	6		
Macrozoobenthos sapr. index	-	1	1.78	1.78	1.78		

River: Drava **Catchment:** 37142.00 km2 **2010**
Distance from mouth: 78 **Altitude:** 92 m **HR5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	12	1.28871	1.42358	1.64835	1.3986	1.5784
Ammonium (NH4-N)	mg/l	12	0.01	0.04067	0.108	0.026	0.079
Anionic active surfactants	mg/l	12	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.901	1.47425	2.31	1.23	1.94
BOD (5)	mg/l	12	0.8	1.69167	2.4	1.70	2.30
COD (Cr)	mg/l	12	4.9	8.38833	17.8	6.90	12.00
COD (Mn)	mg/l	12	2.1	3.50833	7.2	3.00	4.80
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.01183	0.037	0.01	0.016
Calcium (Ca++)	mg/l	12	41.5	47.39167	53.4	46.10	52.90
Chloride (Cl-)	mg/l	12	7.33	9.97417	14.6	8.49	12.60
Chromium (Cr), total	µg/l	12	0.036	0.49117	1.72	0.293	0.96
Conductivity	µS/cm	12	301	345.91667	413	329.00	386.00
Copper (Cu), dissolved	µg/l	12	0.485	0.80183	1.29	0.731	1.20
Dissolved oxygen	mg/l	12	8.4	10.20833	12.7	9.40	8.70
Lead (Pb), dissolved	µg/l	12	0.069	0.161	0.278	0.118	0.253
Lindane (gama-HCH)	µg/l	12	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	9.2	11.17583	13.3	11.10	12.70
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00153	0.0033	0.001	0.003
Nickel (Ni), dissolved	µg/l	12	0.376	0.96733	1.75	0.914	1.62
Nitrate (NO3-N)	mg/l	12	0.73	1.24667	2.43	1.05	1.48
Nitrite (NO2-N)	mg/l	12	0.004	0.01	0.019	0.008	0.019
Organic nitrogen	mg/l	12	0.11	0.1977	0.284	0.1894	0.265
Orthophosphate (PO4-P)	mg/l	12	0.008	0.02892	0.051	0.025	0.044
Petroleum hydrocarbons	mg/l	12	< 0.0025	0.01013	0.0442	0.0025	0.035
Phenol index	mg/l	12	< 0.0015	0.00233	0.0075	0.0015	0.004
Potassium (K+)	mg/l	12	1.71	2.04917	2.48	1.99	2.34
Sodium (Na+)	mg/l	12	6.68	8.515	10.9	8.34	9.72
Sulphate (SO4--)	mg/l	12	2.08	21.95667	27.5	22.50	26.60
Suspended solids	mg/l	12	5.2	24.44167	115	14.40	43.20
TOC	mg/l	12	1.614	2.50108	4.25	2.28	3.39
Temperature	°C	12	2.1	12.85833	23.6	10.80	23.30
Total nitrogen	mg/l	12	0.93	1.49333	2.73	1.35	1.74
Total phosphorus	mg/l	12	0.04	0.0905	0.294	0.07	0.114
Zinc (Zn), dissolved	µg/l	12	0.77	2.30983	6.04	1.62	5.33
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.74	8.03083	8.17	8.00	7.93

River: Drava **Catchment:** 37142.00 km2 **2010**
Distance from mouth: 78 **Altitude:** 92 m **HR5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	1	5	5	5		
Macrozoobenthos sapr. index	-	1	1.87	1.87	1.87		

River: Sava **Catchment:** 30953.00 km2 **2010**
Distance from mouth: 525 **Altitude:** 87 m **HR7**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.55844	1.76157	2.07792	1.7383	1.948
Ammonium (NH4-N)	mg/l	12	0.018	0.10058	0.16	0.092	0.153
Anionic active surfactants	mg/l	4	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.354	0.7915	1.46	0.61	1.45
BOD (5)	mg/l	12	1	1.775	4.3	1.50	2.00
COD (Cr)	mg/l	12	6.3	11.10833	23.1	9.50	14.00
COD (Mn)	mg/l	12	2.1	4.39167	8.6	3.90	6.20
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.00683	0.02	0.005	0.012
Calcium (Ca++)	mg/l	12	47.2	55.1	63.9	55.20	60.10
Chloride (Cl-)	mg/l	12	5.23	7.705	9.96	7.57	9.72
Chromium (Cr), total	µg/l	12	0.177	0.75058	2.96	0.375	1.46
Conductivity	µS/cm	12	258	387.25	478	392.00	434.00
Copper (Cu), dissolved	µg/l	12	0.25	0.81683	2.39	0.689	1.09
Dissolved oxygen	mg/l	12	5.1	8.1	11.6	7.40	5.90
Flow	m3/s	365	205	1136.0356	2308	1074.00	2082.00
Lead (Pb), dissolved	µg/l	12	0.018	0.13392	0.43	0.097	0.335
Lindane (gama-HCH)	µg/l	12	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	9.08	11.57333	14.6	11.10	14.21
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00138	0.00452	0.001	0.0021
Nickel (Ni), dissolved	µg/l	12	0.592	1.32492	3.37	1.19	1.70
Nitrate (NO3-N)	mg/l	12	0.71	1.01358	1.31	0.95	1.27
Nitrite (NO2-N)	mg/l	12	0.006	0.02067	0.037	0.02	0.033
Organic nitrogen	mg/l	12	0.082	0.286	0.601	0.216	0.507
Orthophosphate (PO4-P)	mg/l	11	0.017	0.06773	0.129	0.067	0.083
Petroleum hydrocarbons	mg/l	4	< 0.0025	0.0054	0.007	0.007	0.007
Phenol index	mg/l	4	< 0.0015	0.00308	0.0078	0.0078	0.0078
Potassium (K+)	mg/l	12	0.86	1.58583	2.21	1.40	2.21
Sodium (Na+)	mg/l	12	3.97	5.7275	8.06	5.13	7.69
Sulphate (SO4--)	mg/l	12	7.14	10.84417	14.02	10.30	13.90
Suspended solids	mg/l	12	2	15.41667	39.2	11.20	35.00
TOC	mg/l	12	1.77	3.37667	4.91	3.66	4.79
Temperature	°C	12	4.2	14.36667	25.8	12.50	23.60
Total nitrogen	mg/l	12	0.94	1.42083	2	1.40	1.77
Total phosphorus	mg/l	12	0.03	0.13027	0.396	0.1092	0.168
Zinc (Zn), dissolved	µg/l	12	0.25	2.6565	10.3	1.57	6.16
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.63	7.925	8.22	7.91	7.66

River: Sava **Catchment:** 62890.00 km2 **2010**
Distance from mouth: 254 **Altitude:** 85 m **HR8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.57842	1.83233	2.03796	1.8282	2.008
Ammonium (NH4-N)	mg/l	12	0.015	0.054	0.154	0.051	0.084
BOD (5)	mg/l	12	1.02	1.96	3.6	1.80	2.60
COD (Mn)	mg/l	12	1.4	3.5	6.2	3.60	4.30

Conductivity	µS/cm	12	376	414.5	468	396.00	461.00
Dissolved oxygen	mg/l	12	6.1	8.74167	12.1	8.00	6.20
Nitrate (NO3-N)	mg/l	12	0.72	1	1.55	0.96	1.19
Nitrite (NO2-N)	mg/l	12	0.007	0.022	0.086	0.014	0.032
Organic nitrogen	mg/l	12	0.138	0.2515	0.347	0.244	0.327
Orthophosphate (PO4-P)	mg/l	12	0.02	0.04742	0.093	0.048	0.064
Suspended solids	mg/l	12	3	11.69167	20	10.80	18.00
TOC	mg/l	12	1.63	2.87067	4.32	2.84	3.296
Temperature	°C	12	5.1	14.65833	26.2	11.80	26.10
Total nitrogen	mg/l	12	0.92	1.3275	1.91	1.22	1.66
Total phosphorus	mg/l	12	0.062	0.10724	0.19	0.10	0.175
pH	-	12	7.87	8.02	8.12	8.02	7.91

River: Sava **Catchment:** 62890.00 km2 **2010**
Distance from mouth: 254 **Altitude:** 85 m **HR8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Flow	m3/s	365	319	1654.7945	3433	1590.00	2855.00

River: Drava **Catchment:** 15356.00 km2 **2010**
Distance from mouth: 300 **Altitude:** 192 m **HR9**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	1	20	20	20		
Macrozoobenthos sapr. index	-	1	2.21	2.21	2.21		

River: Drava **Catchment:** 15356.00 km2 **2010**
Distance from mouth: 300 **Altitude:** 192 m **HR9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	0.80919	1.34282	1.84815	1.3387	1.7582
Ammonium (NH4-N)	mg/l	12	0.026	0.06342	0.19	0.037	0.136
Anionic active surfactants	mg/l	12	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.963	1.25342	1.75	1.16	1.68
BOD (5)	mg/l	12	0.9	1.53333	2.4	1.30	2.10
COD (Cr)	mg/l	12	3	5.40833	7.7	4.80	7.70
COD (Mn)	mg/l	12	1.4	1.95	3.5	1.80	2.40
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.01483	0.034	0.013	0.022
Calcium (Ca++)	mg/l	12	32.5	44.275	59.3	42.00	55.80
Chloride (Cl-)	mg/l	12	4.53	8.45583	16.6	7.98	11.90
Chromium (Cr), total	µg/l	12	0.048	0.64475	1.64	0.512	1.19
Conductivity	µS/cm	12	249	368.75	492	357.00	490.00
Copper (Cu), dissolved	µg/l	12	0.25	0.75817	1.32	0.776	1.28
Dissolved oxygen	mg/l	12	7.1	10.14167	12.9	9.80	8.30
Lead (Pb), dissolved	µg/l	12	0.056	0.20725	0.571	0.108	0.526

Lindane (gama-HCH)	µg/l	12	< 0.00075	< 0.00075	< 0.00075	0.0008	0.0008
Magnesium (Mg++)	mg/l	12	7.65	10.28167	13.4	10.00	12.30
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00148	0.004	0.001	0.0028
Nickel (Ni), dissolved	µg/l	12	0.201	1.0435	1.88	0.99	1.74
Nitrate (NO3-N)	mg/l	12	0.62	1.24083	2.27	1.08	1.84
Nitrite (NO2-N)	mg/l	12	0.004	0.01292	0.036	0.006	0.023
Organic nitrogen	mg/l	12	0.06	0.1595	0.295	0.166	0.244
Orthophosphate (PO4-P)	mg/l	12	0.005	0.01755	0.041	0.0126	0.039
Petroleum hydrocarbons	mg/l	12	< 0.0025	0.00438	0.016	0.0025	0.009
Phenol index	mg/l	12	< 0.0015	0.00163	0.003	0.0015	0.0015
Potassium (K+)	mg/l	12	1.15	1.7375	2.25	1.69	2.14
Sodium (Na+)	mg/l	12	3.93	6.82333	11.9	6.72	8.85
Sulphate (SO4--)	mg/l	12	16.8	21.86667	38.4	21.10	25.80
Suspended solids	mg/l	11	2	6.90909	24.4	4.40	9.60
TOC	mg/l	12	1.16	1.845	2.44	1.76	2.36
Temperature	°C	12	2.5	11.4	20.9	11.00	20.60
Total nitrogen	mg/l	12	0.84	1.47667	2.54	1.34	2.11
Total phosphorus	mg/l	12	0.022	0.06121	0.096	0.063	0.088
Zinc (Zn), dissolved	µg/l	12	2.37	3.68167	7.57	3.58	4.22
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.58	8.03667	8.21	8.09	7.84

River: Danube **Catchment:** 131605.00 km2 **2010**
Distance from mouth: 1806 **Altitude:** 108 m **HU1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.1	3.65833	4.1	3.50	4.10
Ammonium (NH4-N)	mg/l	13	< 0.01	0.04592	0.093	0.047	0.072
Arsenic (As), dissolved	µg/l	12	< 0.45	0.61667	1.7	0.45	1.20
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	11	1.5	3.35727	8.22	3.04	5.07
COD (Cr)	mg/l	13	5.5	9.22308	12.3	9.20	12.00
COD (Mn)	mg/l	13	2.4	3.45385	5.1	3.50	4.40
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.07083	0.2	0.05	0.15
Calcium (Ca++)	mg/l	12	44.8	52.6	60.8	49.60	60.80
Chloride (Cl-)	mg/l	12	11.3	22.8	45.4	17.00	39.00
Chromium (Cr), total	µg/l	12	< 1	1.43333	5.1	1.00	2.10
Conductivity	µS/cm	13	295	393.23077	539	377.00	475.00
Copper (Cu), dissolved	µg/l	12	1.5	2.73333	4.4	2.40	4.30
Dissolved oxygen	mg/l	13	8.4	11.10231	14.41	10.55	8.98
Flow	m3/s	365	1070	2077.2602	6890	1810.00	3250.00
Iron (Fe)	mg/l	12	0.14	0.35417	1.5	0.20	0.66
Lead (Pb), dissolved	µg/l	12	< 0.35	0.5375	2.6	0.35	0.35
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Macrozoobenthos - number of families	-	1	15	15	15		
Macrozoobenthos sapr. index	-	1	2.1	2.1	2.1		
Magnesium (Mg++)	mg/l	12	8.5	12.35833	16	12.60	13.60
Manganese (Mn)	mg/l	12	< 0.01	0.0425	0.091	0.029	0.071

Mercury (Hg), dissolved	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Nickel (Ni), dissolved	µg/l	12	< 0.35	1.05833	1.7	1.10	1.40
Nitrate (NO3-N)	mg/l	12	0.97	2.27083	5.04	2.03	3.21
Nitrite (NO2-N)	mg/l	12	< 0.0025	0.01642	0.056	0.01	0.034
Organic nitrogen	mg/l	12	< 0.1	0.75	1.98	0.51	1.91
Orthophosphate (PO4-P)	mg/l	12	< 0.01	0.04067	0.07	0.047	0.057
Phenol index	mg/l	7	< 0.001	0.00271	0.004	0.004	0.004
Potassium (K+)	mg/l	12	< 2	2.2	4.4	2.00	2.00
Sodium (Na+)	mg/l	12	8.3	12.30833	19.8	12.80	15.50
Sulphate (SO4--)	mg/l	12	25.9	35.79167	55.2	34.10	46.60
Suspended solids	mg/l	13	7	29.30769	76	19.00	57.00
Temperature	°C	13	1.3	10.99231	21.2	12.30	18.70
Total phosphorus	mg/l	13	0.06	0.11231	0.19	0.11	0.17
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
pH	-	13	7.47	8.08308	8.46	8.21	7.61

River: Tisza **Catchment:** 9707.00 km2 **2010**
Distance from mouth: 757 **Altitude:** m **HU10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al)	µg/l	12	25	63.85833	140	52.00	100.00
Aluminium (Al), dissolved	µg/l	12	22	49.3	110	41.00	95.00
Ammonium (NH4-N)	mg/l	12	0.02	0.04167	0.1	0.03	0.07
Arsenic (As)	µg/l	12	< 0.35	< 0.35	< 0.35	0.35	0.35
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.83333	3.6	1.60	3.00
COD (Cr)	mg/l	12	< 2.5	11.25	22.8	9.80	18.50
COD (Mn)	mg/l	12	< 0.5	1.68333	2.7	1.60	2.40
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	12	8	28.33333	138	13.00	63.00
Chromium (Cr) - total	µg/l	12	0.26	0.4025	0.54	0.39	0.50
Chromium (Cr), total	µg/l	12	0.25	0.35417	0.48	0.32	0.48
Conductivity	µS/cm	12	166.1	253.475	592	214.10	374.00
Copper (Cu)	µg/l	12	5.2	7.90917	12	7.30	10.00
Copper (Cu), dissolved	µg/l	12	3.4	6.05667	9.4	5.90	7.30
Dissolved oxygen	mg/l	12	9.2	11.11667	13.5	10.60	9.40
Flow	m3/s	365	82.5	271.49178	1990	208.00	467.00
Iron (Fe)	mg/l	12	0.051	0.11425	0.216	0.082	0.207
Lead (Pb)	µg/l	12	< 0.7	2.09583	3.8	2.10	3.10
Lead (Pb), dissolved	µg/l	12	< 0.7	0.875	1.8	0.70	1.70
Macrozoobenthos - number of families	-	1	8	8	8		
Macrozoobenthos sapr. index	-	1	2.157	2.157	2.157		
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.15	0.70333	2.4	0.58	0.86
Nickel (Ni), dissolved	µg/l	12	< 0.15	0.51667	1.2	0.49	0.86
Nitrate (NO3-N)	mg/l	12	0.4	0.61667	0.9	0.50	0.90

Nitrite (NO2-N)	mg/l	12	< 0.0015	0.00858	0.01	0.01	0.01
Organic nitrogen	mg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Orthophosphate (PO4-P)	mg/l	12	0.00505	0.01758	0.0477	0.013	0.0326
Phenol index	mg/l	12	< 0.001	0.00142	0.004	0.001	0.003
Suspended solids	mg/l	12	< 1.5	32.79167	87	30.00	64.00
Temperature	°C	12	0.3	10.95	21.5	9.60	18.40
Total phosphorus	mg/l	12	0.0156	0.0453	0.0958	0.0336	0.087
Zinc (Zn)	µg/l	12	8.3	20.18333	40	16.00	39.00
Zinc (Zn), dissolved	µg/l	12	< 1.55	11.7625	25	7.00	25.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.51	7.9975	8.24	8.07	7.56

River: Tisza/Szamos **Catchment:** 15283.00 km2 **2010**
Distance from mouth: 45 **Altitude:** m **HU11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al)	µg/l	12	62	142.13333	340	120.00	310.00
Aluminium (Al), dissolved	µg/l	12	34	54.03333	100	49.00	82.00
Ammonium (NH4-N)	mg/l	12	0.03	0.15	0.51	0.12	0.19
Arsenic (As)	µg/l	12	< 0.35	2.06658	13.759	0.941	1.828
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	2.3	4.15833	7.9	3.90	4.90
COD (Cr)	mg/l	12	15	30.425	44.3	30.80	43.70
COD (Mn)	mg/l	12	3	6.03333	11.5	4.90	9.60
Cadmium (Cd)	µg/l	12	< 0.25	0.42667	0.82	0.25	0.76
Cadmium (Cd), dissolved	µg/l	12	< 0.25	0.31333	0.7	0.25	0.56
Chloride (Cl-)	mg/l	12	28	58.08333	114	51.00	93.00
Chromium (Cr) - total	µg/l	12	0.42	0.64	1.3	0.52	0.96
Chromium (Cr), total	µg/l	12	0.23	0.43417	0.56	0.44	0.55
Conductivity	µS/cm	12	334	484	687	450.00	675.00
Copper (Cu)	µg/l	12	7.6	11.54833	20	9.40	18.00
Copper (Cu), dissolved	µg/l	12	5.5	9.01083	13	7.80	12.00
Dissolved oxygen	mg/l	12	5	9.90833	12.6	10.20	8.00
Flow	m3/s	365	49.5	211.87562	968	151.00	432.00
Iron (Fe)	mg/l	12	0.166	0.38467	0.674	0.30	0.619
Lead (Pb)	µg/l	12	2.1	3.68333	5.8	3.20	5.30
Lead (Pb), dissolved	µg/l	12	< 0.7	1.65667	2.3	1.90	2.18
Macrozoobenthos - number of families	-	1	10	10	10		
Macrozoobenthos sapr. index	-	1	2.28	2.28	2.28		
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	1.2	2.435	5	1.90	4.50
Nickel (Ni), dissolved	µg/l	12	0.92	1.845	3.5	1.60	3.08
Nitrate (NO3-N)	mg/l	12	0.3	0.99167	1.6	0.90	1.40
Nitrite (NO2-N)	mg/l	12	0.01	0.02417	0.04	0.02	0.03
Organic nitrogen	mg/l	12	< 0.5	0.56667	1.3	0.50	0.50
Orthophosphate (PO4-P)	mg/l	12	0.0145	0.06073	0.328	0.034	0.0623
Phenol index	mg/l	12	< 0.001	0.00125	0.004	0.001	0.001
Suspended solids	mg/l	20	< 1.5	133.7	449	78.00	287.00

Temperature	°C	11	0.1	10.30909	19.8	9.80	18.70
Total phosphorus	mg/l	12	0.0587	0.18535	0.48	0.154	0.305
Zinc (Zn)	µg/l	12	22	98.20833	200	82.00	200.00
Zinc (Zn), dissolved	µg/l	12	5.7	61.06667	160	46.00	160.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	11	7.35	7.86909	8.26	7.93	7.56

River: Tisza/Hármas- **Catchment:** 2489.00 km2 **2010**
Distance from mouth: 9 **Altitude:** m **HU12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al)	µg/l	12	26	80.91667	170	52.00	170.00
Aluminium (Al), dissolved	µg/l	12	22	50.55833	110	39.00	73.00
Ammonium (NH4-N)	mg/l	12	0.02	0.09917	0.2	0.08	0.16
Arsenic (As)	µg/l	12	< 0.35	0.68317	1.47	0.35	1.458
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	2.31667	4.5	2.10	3.30
COD (Cr)	mg/l	12	8.6	12.3	19.7	10.90	17.50
COD (Mn)	mg/l	12	2.1	3.81667	5.6	3.70	5.00
Cadmium (Cd)	µg/l	12	< 0.25	0.45833	1.7	0.25	1.30
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	12	8	11.08333	17	10.00	15.00
Chromium (Cr) - total	µg/l	12	0.28	0.49583	0.75	0.48	0.65
Chromium (Cr), total	µg/l	12	< 0.1	0.37917	0.68	0.37	0.63
Conductivity	µS/cm	12	182.8	216.61667	294.1	197.20	249.40
Copper (Cu)	µg/l	12	4.42	7.21	11	6.30	9.40
Copper (Cu), dissolved	µg/l	12	3.89	5.5325	11	5.30	5.90
Dissolved oxygen	mg/l	12	7.9	10.26667	13.6	9.10	8.30
Flow	m3/s	365	9.13	46.02603	152	36.40	98.20
Iron (Fe)	mg/l	12	< 0.025	0.12183	0.234	0.108	0.217
Lead (Pb)	µg/l	12	< 0.7	2.00833	3.7	2.10	2.80
Lead (Pb), dissolved	µg/l	12	< 0.7	1.36667	3.1	0.70	2.70
Macrozoobenthos - number of families	-	1	16	16	16		
Macrozoobenthos sapr. index	-	1	2.17	2.17	2.17		
Mercury (Hg), dissolved	µg/l	12	< 0.05	0.05833	0.15	0.05	0.05
Nickel (Ni)	µg/l	12	0.4	1.04167	2.3	0.93	1.50
Nickel (Ni), dissolved	µg/l	12	0.35	0.80333	1.2	0.82	1.20
Nitrate (NO3-N)	mg/l	12	0.5	0.975	1.4	0.80	1.40
Nitrite (NO2-N)	mg/l	12	0.01	0.02083	0.04	0.02	0.03
Organic nitrogen	mg/l	12	< 0.5	0.59167	1.6	0.50	0.50
Orthophosphate (PO4-P)	mg/l	12	0.0143	0.04638	0.08	0.0421	0.0694
Phenol index	mg/l	12	< 0.001	0.00142	0.004	0.001	0.003
Suspended solids	mg/l	12	4	26	68	22.00	56.00
Temperature	°C	12	1.2	11.60833	20.2	10.50	20.10
Total phosphorus	mg/l	12	0.0365	0.0998	0.169	0.0962	0.136
Zinc (Zn)	µg/l	12	8	30.2	100	18.00	88.00
Zinc (Zn), dissolved	µg/l	12	5.1	13.26833	52	7.70	27.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

pH - 9 7.16 7.91889 8.84 7.16 7.16

River: Tisza/Hármas- **Catchment:** 4302.00 km2 **2010**
Distance from mouth: 16 **Altitude:** m **HU13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al)	µg/l	12	26	144.48333	690	54.00	510.00
Aluminium (Al), dissolved	µg/l	12	21.6	76.63333	350	32.00	190.00
Ammonium (NH4-N)	mg/l	12	0.01	0.05167	0.14	0.04	0.10
Arsenic (As)	µg/l	12	< 0.35	0.76208	1.809	0.35	1.284
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.9	3.6	1.80	3.10
COD (Cr)	mg/l	12	7.1	13.16667	32.6	11.30	15.80
COD (Mn)	mg/l	12	1.9	3.825	8.8	3.30	4.80
Cadmium (Cd)	µg/l	12	< 0.25	0.34583	1.4	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	12	7	10.58333	13	11.00	13.00
Chromium (Cr) - total	µg/l	12	0.22	0.51583	1.1	0.43	0.96
Chromium (Cr), total	µg/l	12	< 0.1	0.37333	0.86	0.34	0.51
Conductivity	µS/cm	12	184.9	274.1	322	285.50	321.00
Copper (Cu)	µg/l	12	4.6	7.17583	13	6.00	10.00
Copper (Cu), dissolved	µg/l	12	3.8	5.87833	12	4.70	7.90
Dissolved oxygen	mg/l	12	6.9	9.75833	12.7	9.20	7.20
Flow	m3/s	365	6.26	55.32129	385	32.30	128.00
Iron (Fe)	mg/l	12	0.13	0.31675	0.65	0.279	0.547
Lead (Pb)	µg/l	12	1.5	2.64333	4.2	2.60	3.80
Lead (Pb), dissolved	µg/l	12	< 0.7	1.35	2.7	0.70	2.60
Macrozoobenthos - number of families	-	1	16	16	16		
Macrozoobenthos sapr. index	-	1	2.13	2.13	2.13		
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	0.65	1.2725	3.1	1.00	1.60
Nickel (Ni), dissolved	µg/l	12	0.34	0.8775	2.2	0.70	1.20
Nitrate (NO3-N)	mg/l	12	0.2	0.65833	1.4	0.60	1.10
Nitrite (NO2-N)	mg/l	12	0.01	0.01333	0.02	0.01	0.02
Organic nitrogen	mg/l	12	< 0.5	0.55	1.1	0.50	0.50
Orthophosphate (PO4-P)	mg/l	12	0.0163	0.05347	0.114	0.0445	0.081
Phenol index	mg/l	12	< 0.001	0.00133	0.003	0.001	0.003
Suspended solids	mg/l	12	4	41.75	132	28.00	90.00
Temperature	°C	12	1.6	12.09167	22.5	11.40	21.40
Total phosphorus	mg/l	12	0.043	0.12449	0.299	0.0789	0.23
Zinc (Zn)	µg/l	12	6.4	17.4575	45	13.00	30.00
Zinc (Zn), dissolved	µg/l	12	3.6	9.41917	24	6.20	20.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	8	7.37	7.7525	8.01	7.37	7.37

River: Tisza/Hármas- **Catchment:** 4251.00 km2 **2010**
Distance from mouth: 59 **Altitude:** m **HU14**

Location:

Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al)	µg/l	12	30	192.275	610	63.00	560.00
Aluminium (Al), dissolved	µg/l	12	22	106.76667	540	51.00	190.00
Ammonium (NH4-N)	mg/l	12	0.02	0.0875	0.35	0.07	0.12
Arsenic (As)	µg/l	12	< 0.35	1.94933	4.084	1.542	3.542
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	1.1	2.675	4.9	2.10	4.70
COD (Cr)	mg/l	12	9.8	15.89167	37.1	13.30	21.40
COD (Mn)	mg/l	12	< 0.5	4.26667	11.4	3.70	6.60
Cadmium (Cd)	µg/l	12	< 0.25	0.49167	1.6	0.25	1.50
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	12	7	12.5	22	12.00	15.00
Chromium (Cr) - total	µg/l	12	0.33	0.85667	1.8	0.78	1.30
Chromium (Cr), total	µg/l	12	0.31	0.56833	1.2	0.52	0.84
Conductivity	µS/cm	12	163.1	290.58333	421	298.00	356.00
Copper (Cu)	µg/l	12	5.55	11.3625	25	8.60	15.00
Copper (Cu), dissolved	µg/l	12	5.23	8.66917	18	7.60	13.00
Dissolved oxygen	mg/l	12	7.1	9.78333	13.2	8.90	7.40
Flow	m3/s	365	5.33	40.87778	371	25.20	97.40
Iron (Fe)	mg/l	12	0.094	0.33475	0.851	0.226	0.658
Lead (Pb)	µg/l	12	1.8	3.37167	5.2	3.10	5.00
Lead (Pb), dissolved	µg/l	12	< 0.7	1.82167	3.4	1.76	2.90
Macrozoobenthos - number of families	-	1	14	14	14		
Macrozoobenthos sapr. index	-	1	2.15	2.15	2.15		
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.15	1.48417	4.6	0.73	4.10
Nickel (Ni), dissolved	µg/l	12	< 0.15	0.7375	2.6	0.37	1.40
Nitrate (NO3-N)	mg/l	12	0.4	0.70833	1.2	0.60	1.00
Nitrite (NO2-N)	mg/l	12	0.01	0.01333	0.02	0.01	0.02
Organic nitrogen	mg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Orthophosphate (PO4-P)	mg/l	12	0.0364	0.07783	0.151	0.0811	0.107
Phenol index	mg/l	12	< 0.001	0.00158	0.004	0.001	0.003
Suspended solids	mg/l	12	4	47	97	46.00	86.00
Temperature	°C	12	0.9	11.95	22.8	10.60	20.40
Total phosphorus	mg/l	12	0.0763	0.16061	0.369	0.129	0.274
Zinc (Zn)	µg/l	12	3.32	14.69333	27	12.00	22.00
Zinc (Zn), dissolved	µg/l	12	< 1.55	6	10	6.10	9.20
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	8	7.09	7.8675	8.71	7.09	7.09

River:

Tisza/Maros

Catchment:

30149.00 km2

2010

Distance from mouth:

51

Altitude:

m

HU15

Location:

Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.5	2.66667	3.6	2.60	3.50
Aluminium (Al)	µg/l	12	43.7	6014.8916	21400	2620.00	15800.00

Aluminium (Al), dissolved	µg/l	12	14.6	126.34167	653	38.80	280.00
Ammonium (NH4-N)	mg/l	12	< 0.015	0.07458	0.4	0.015	0.18
Arsenic (As)	µg/l	12	< 1	3.70917	12.9	2.22	7.67
Arsenic (As), dissolved	µg/l	11	< 1	1.87182	4.66	1.00	3.24
Atrazine	µg/l	12	< 0.005	0.00958	0.039	0.005	0.026
BOD (5)	mg/l	12	0.9	1.73333	4.6	1.30	3.30
COD (Cr)	mg/l	12	< 4	19.83333	57.8	10.80	33.50
COD (Mn)	mg/l	12	2.9	7.1	20.2	3.50	14.20
Cadmium (Cd)	µg/l	12	< 0.5	1.02083	3.13	0.50	2.13
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.09583	0.3	0.05	0.20
Calcium (Ca++)	mg/l	12	32.6	49.88333	73.7	49.60	59.60
Chloride (Cl-)	mg/l	12	19	49.75	102	42.00	69.00
Chromium (Cr) - total	µg/l	12	4.93	17.7425	49.3	12.50	27.80
Chromium (Cr), total	µg/l	12	< 0.25	5.79167	18	4.00	16.00
Conductivity	µS/cm	12	366	518.25	670	505.00	660.00
Copper (Cu)	µg/l	12	12.3	46.44167	115	24.30	92.50
Copper (Cu), dissolved	µg/l	12	3.3	7.025	14.4	5.80	9.80
Dissolved oxygen	mg/l	12	6.9	10.3	14.3	9.90	7.10
Iron (Fe)	mg/l	12	< 0.025	7.20792	28.7	2.99	19.10
Lead (Pb)	µg/l	12	< 0.5	14.06083	45.6	4.12	37.60
Lead (Pb), dissolved	µg/l	12	< 0.5	1.95833	7	0.50	6.00
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Macrozoobenthos - number of families	-	1	16	16	16		
Macrozoobenthos sapr. index	-	1	2.17	2.17	2.17		
Magnesium (Mg++)	mg/l	12	7.59	10.95917	14.8	10.90	12.80
Manganese (Mn)	mg/l	12	< 0.0025	0.24513	0.852	0.107	0.497
Mercury (Hg)	µg/l	12	< 0.05	0.06167	0.19	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.25	12.08417	40.8	4.52	39.40
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.06667	2.7	0.25	2.30
Nitrate (NO3-N)	mg/l	12	0.46	1.295	1.7	1.31	1.62
Nitrite (NO2-N)	mg/l	12	< 0.005	0.0125	0.02	0.005	0.02
Organic nitrogen	mg/l	12	< 0.05	0.9225	1.83	0.86	1.44
Orthophosphate (PO4-P)	mg/l	12	< 0.01	0.0425	0.07	0.04	0.07
Phenol index	mg/l	12	< 0.001	0.00333	0.007	0.003	0.006
Potassium (K+)	mg/l	12	3.1	4.5	5.7	4.40	5.60

River: Tisza/Maros **Catchment:** 30149.00 km2 **2010**
Distance from mouth: 51 **Altitude:** m **HU15**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sodium (Na+)	mg/l	12	15	43.75	70	39.00	69.00
Sulphate (SO4--)	mg/l	12	38	69.16667	102	69.00	83.00
Suspended solids	mg/l	12	18	169.58333	611	128.00	480.00
Temperature	°C	12	1.9	12.525	22.6	9.50	21.50
Total phosphorus	mg/l	12	0.07	0.27583	0.73	0.17	0.52
Zinc (Zn)	µg/l	12	3.1	72.36417	248	31.40	237.00
Zinc (Zn), dissolved	µg/l	12	< 1.5	6.16667	14.3	6.00	11.10

p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.18	7.91167	8.28	7.98	7.34

River: Danube **Catchment:** 150820.00 km2 **2010**
Distance from mouth: 1768 **Altitude:** 101 m **HU2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.3	3.84167	4.4	3.70	4.40
Ammonium (NH4-N)	mg/l	25	< 0.01	0.04504	0.11	0.047	0.078
Arsenic (As), dissolved	µg/l	25	< 0.45	0.702	1.7	0.45	1.20
BOD (5)	mg/l	12	1.5	3.26	9.6	2.76	4.03
COD (Cr)	mg/l	13	7.8	10.88462	15.2	11.20	13.60
COD (Mn)	mg/l	13	2.6	4.03077	6.4	3.90	5.40
Cadmium (Cd), dissolved	µg/l	25	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	24	45.6	58.1	66.4	58.40	64.00
Chloride (Cl-)	mg/l	23	12.8	25.91739	51	26.20	34.00
Chromium (Cr), total	µg/l	25	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	26	328	464.57692	583	490.00	516.00
Copper (Cu), dissolved	µg/l	25	0.9	2.536	4.9	2.30	3.70
Dissolved oxygen	mg/l	13	8.56	11.11615	13.79	10.88	9.27
Flow	m3/s	365	1070	2197.2054	6940	1960.00	3390.00
Iron (Fe)	mg/l	2	0.12	0.24	0.36		
Lead (Pb), dissolved	µg/l	25	< 0.35	0.448	1.9	0.35	0.80
Macrozoobenthos - number of families	-	1	16	16	16		
Macrozoobenthos sapr. index	-	1	2.08	2.08	2.08		
Magnesium (Mg++)	mg/l	24	10.2	16.82083	22.3	17.50	19.90
Manganese (Mn)	mg/l	1	0.023	0.023	0.023		
Mercury (Hg), dissolved	µg/l	25	< 0.01	< 0.01	< 0.01	0.01	0.01
Nickel (Ni), dissolved	µg/l	25	< 0.35	1.334	3	1.10	2.60
Nitrate (NO3-N)	mg/l	12	1.11	2.27667	4	2.10	3.36
Nitrite (NO2-N)	mg/l	12	0.006	0.018	0.045	0.013	0.036
Organic nitrogen	mg/l	12	0.25	0.78417	2.09	0.55	1.33
Orthophosphate (PO4-P)	mg/l	12	< 0.01	0.04308	0.07	0.047	0.06
Phenol index	mg/l	12	< 0.001	0.0035	0.006	0.004	0.006
Potassium (K+)	mg/l	12	< 2	2.43333	4.8	2.00	4.40
Sodium (Na+)	mg/l	25	9.9	18.836	41.9	19.00	22.10
Sulphate (SO4--)	mg/l	24	27.8	54.48333	84.9	55.20	72.00
Suspended solids	mg/l	26	3	24.69231	95	18.00	73.00
Temperature	°C	25	1.1	10.776	22.9	10.20	18.30
Total phosphorus	mg/l	13	0.06	0.13	0.25	0.11	0.24
Zinc (Zn), dissolved	µg/l	25	< 5	< 5	< 5	5.00	5.00
pH	-	26	7.71	8.20115	8.6	8.26	7.80

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	1.2	2.75	3.9	2.90	3.50
Ammonium (NH4-N)	mg/l	24	< 0.005	0.06542	0.3	0.05	0.16
Arsenic (As), dissolved	µg/l	12	< 1	2.03	4.62	1.00	2.95
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	23	1.8	4.50435	17.6	4.00	6.40
COD (Cr)	mg/l	24	9	16.58333	49	15.00	22.00
COD (Mn)	mg/l	24	2.7	5.36667	19.1	4.70	7.30
Cadmium (Cd), dissolved	µg/l	12	< 0.025	0.02792	0.06	0.025	0.025
Calcium (Ca++)	mg/l	24	28.6	50.38333	67.2	52.90	57.70
Chloride (Cl-)	mg/l	24	13.9	24.5875	43	24.00	38.00
Conductivity	µS/cm	24	240	400	560	400.00	490.00
Copper (Cu), dissolved	µg/l	12	0.84	2.89	8.96	1.89	5.20
Dissolved oxygen	mg/l	24	6.2	8.3625	10.6	8.20	6.50
Lead (Pb), dissolved	µg/l	12	< 0.25	0.29417	0.78	0.25	0.25
Lindane (gama-HCH)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.03542	0.08	0.025	0.06
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.40417	0.82	0.25	0.71
Nitrate (NO3-N)	mg/l	24	1.4	1.79042	2.7	1.63	2.30
Nitrite (NO2-N)	mg/l	24	0.008	0.0195	0.053	0.018	0.029
Orthophosphate (PO4-P)	mg/l	24	0.03	0.115	0.29	0.10	0.19
Phenol index	mg/l	12	< 0.001	0.00183	0.007	0.001	0.005
Potassium (K+)	mg/l	24	2.5	4.0875	5.6	4.20	5.10
Sodium (Na+)	mg/l	24	9.5	14.42917	22.9	13.20	18.00
Sulphate (SO4--)	mg/l	24	36	59.89167	115	55.20	93.60
Suspended solids	mg/l	24	< 1	42.45833	240	26.00	82.00
Temperature	°C	24	0.4	11.68333	24.3	10.80	20.00
Total phosphorus	mg/l	24	0.08	0.2025	0.5	0.16	0.35
Zinc (Zn), dissolved	µg/l	12	< 10	11.83333	32	10.00	10.00
p,p'-DDT	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
pH	-	24	7.3	8.02917	8.4	8.10	7.70

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	23	1.8	2.97826	3.9	2.90	3.60
Ammonium (NH4-N)	mg/l	23	< 0.005	0.04978	0.13	0.05	0.10
Arsenic (As), dissolved	µg/l	11	< 1	< 1	< 1	1.00	1.00
Atrazine	µg/l	11	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	22	1.6	2.94091	5.3	2.90	3.80
COD (Cr)	mg/l	23	8	12.82609	23	12.00	16.00
COD (Mn)	mg/l	23	2.1	3.8087	6.2	3.70	4.90
Cadmium (Cd), dissolved	µg/l	11	< 0.025	0.03091	0.09	0.025	0.025
Calcium (Ca++)	mg/l	23	40	54.13913	65.8	54.30	64.30
Chloride (Cl-)	mg/l	23	18.8	28.05217	47	26.00	40.00
Conductivity	µS/cm	23	310	444.78261	580	440.00	550.00
Copper (Cu)	µg/l	1	< 0.5	< 0.5	< 0.5		

Copper (Cu), dissolved	µg/l	10	1.22	2.683	6.12	6.12	6.12
Dissolved oxygen	mg/l	23	6.6	8.47391	10.2	8.50	6.90
Flow	m3/s	365	1270	2614.8767	8520	2300.00	4000.00
Lead (Pb), dissolved	µg/l	11	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	11	< 0.025	< 0.025	< 0.025	0.025	0.025
Mercury (Hg), dissolved	µg/l	11	< 0.025	0.03227	0.07	0.025	0.06
Nickel (Ni), dissolved	µg/l	11	< 0.25	0.51727	1	0.59	0.86
Nitrate (NO3-N)	mg/l	23	0.9	2.07435	4.2	1.90	2.90
Nitrite (NO2-N)	mg/l	23	0.006	0.01561	0.032	0.014	0.027
Orthophosphate (PO4-P)	mg/l	23	< 0.01	0.05652	0.14	0.05	0.10
Phenol index	mg/l	11	< 0.001	0.00227	0.011	0.001	0.005
Potassium (K+)	mg/l	23	2.1	3.09565	6	3.00	3.50
Sodium (Na+)	mg/l	23	9.6	16.28696	25.3	15.40	21.80
Sulphate (SO4--)	mg/l	23	33.6	62.45217	127	55.20	96.00
Suspended solids	mg/l	23	< 1	22.95652	88	15.00	48.00
Temperature	°C	23	1.2	11.61739	24	11.40	19.70
Total phosphorus	mg/l	23	0.07	0.13609	0.37	0.11	0.26
Zinc (Zn), dissolved	µg/l	11	< 10	11	21	10.00	10.00
p,p'-DDT	µg/l	11	< 0.025	< 0.025	< 0.025	0.025	0.025
pH	-	23	8	8.23913	8.7	8.20	8.00

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2	3.07083	4	3.00	3.80
Ammonium (NH4-N)	mg/l	24	< 0.005	0.04479	0.1	0.03	0.08
Arsenic (As), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	23	1.6	2.91304	5.2	2.80	4.20
COD (Cr)	mg/l	24	8	12.70833	21	12.00	17.00
COD (Mn)	mg/l	24	2.2	3.74583	5.8	3.60	4.80
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	24	42.9	54.92917	67.2	54.30	66.40
Chloride (Cl-)	mg/l	24	17.8	27.75417	53	25.00	41.00
Conductivity	µS/cm	24	320	443.75	580	420.00	550.00
Copper (Cu), dissolved	µg/l	12	1.16	2.82917	8.52	2.00	6.07
Dissolved oxygen	mg/l	24	5.4	8.425	10.5	8.60	6.80
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Macrozoobenthos - number of families	-	1	8	8	8		
Macrozoobenthos sapr. index	-	1	2.12	2.12	2.12		
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.03917	0.07	0.025	0.07
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.4775	0.94	0.25	0.81
Nitrate (NO3-N)	mg/l	24	0.9	2.10875	4.2	1.90	3.00
Nitrite (NO2-N)	mg/l	24	0.006	0.01571	0.033	0.014	0.026
Orthophosphate (PO4-P)	mg/l	24	< 0.01	0.0525	0.1	0.05	0.09
Phenol index	mg/l	12	< 0.001	0.00208	0.009	0.001	0.006

Potassium (K+)	mg/l	24	2.2	3.09583	4.8	3.00	3.90
Sodium (Na+)	mg/l	24	9.8	16.45417	25.4	16.20	22.30
Sulphate (SO4--)	mg/l	24	33.6	61.90833	130	57.60	91.20
Suspended solids	mg/l	24	< 1	32	164	16.00	82.00
Temperature	°C	24	1.3	12.00417	23.8	11.30	19.80
Total phosphorus	mg/l	24	0.06	0.13167	0.33	0.11	0.27
Zinc (Zn), dissolved	µg/l	12	< 10	11.58333	29	10.00	10.00
p,p'-DDT	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
pH	-	24	8	8.25833	8.7	8.20	8.10

River: Danube **Catchment:** 188700.00 km2 **2010**
Distance from mouth: 1560 **Altitude:** 89 m **HU4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.6	3.56042	5	3.60	4.10
Ammonium (NH4-N)	mg/l	24	< 0.015	0.0625	0.19	0.05	0.14
Arsenic (As), dissolved	µg/l	12	< 1	1.20833	2.4	1.00	2.10
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	24	1	2.44583	4.8	2.00	3.70
COD (Cr)	mg/l	24	< 4	12.16667	17	12.00	15.00
COD (Mn)	mg/l	24	3	4.25833	6.1	4.20	5.80
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	49.6	60.11667	69.6	59.30	68.50
Chloride (Cl-)	mg/l	24	14	25.4125	36.8	24.40	35.40
Chromium (Cr), total	µg/l	12	< 0.25	0.90833	6.8	0.25	1.60
Conductivity	µS/cm	24	315	435.625	590	425.00	530.00
Copper (Cu), dissolved	µg/l	12	1.1	10.48333	106	1.80	2.90
Dissolved oxygen	mg/l	24	7	9.82083	11.9	9.90	7.30
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	12	17.175	21.6	16.90	21.30
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.725	2.4	0.60	1.20
Nitrate (NO3-N)	mg/l	24	0.97	2.22454	4.271	2.15	3.32
Nitrite (NO2-N)	mg/l	24	< 0.005	0.04525	0.608	0.015	0.043
Organic nitrogen	mg/l	24	< 0.05	0.49	1.2	0.38	1.07
Orthophosphate (PO4-P)	mg/l	24	< 0.01	0.05542	0.09	0.06	0.09
Potassium (K+)	mg/l	2	2.7	2.75	2.8		
Silicates (SiO2)	mg/l	16	3.8	5.325	7.3	5.20	6.90
Sodium (Na+)	mg/l	2	10.8	12.25	13.7		
Sulphate (SO4--)	mg/l	2	49	51.75	54.5		
Suspended solids	mg/l	19	< 2	30.47368	96	23.00	72.00
Temperature	°C	24	-0.4	11.2	25.2	11.00	21.00
Total phosphorus	mg/l	24	0.06	0.125	0.22	0.11	0.16
Zinc (Zn), dissolved	µg/l	12	< 1.5	2.79167	7	1.50	6.50
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

River: Danube **Catchment:** 188700.00 km2 **2010**
Distance from mouth: 1560 **Altitude:** 89 m **HU4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.65	3.60417	4.9	3.55	4.20
Ammonium (NH4-N)	mg/l	24	< 0.015	0.05854	0.13	0.05	0.10
Arsenic (As), dissolved	µg/l	12	< 1	1.09167	2.1	1.00	1.00
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	24	1	2.35417	4.5	1.80	3.90
COD (Cr)	mg/l	24	< 4	12.41667	19	12.00	15.00
COD (Mn)	mg/l	24	3	4.25	6.3	4.10	5.80
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	48	59.65833	69.4	59.30	69.40
Chloride (Cl-)	mg/l	24	14	26.3	44	24.80	36.20
Chromium (Cr), total	µg/l	12	< 0.25	0.425	1.9	0.25	0.70
Conductivity	µS/cm	24	320	442.29167	590	435.00	535.00
Copper (Cu), dissolved	µg/l	12	1.1	1.63333	2.9	1.50	2.10
Dissolved oxygen	mg/l	24	7.2	9.72083	12.5	9.90	7.40
Flow	m3/s	239	1290	2586.5690	7570	2280.00	3870.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	13	17.975	27.8	17.50	20.30
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.775	1.9	0.60	1.20
Nitrate (NO3-N)	mg/l	24	0.99	2.26221	3.842	2.31	3.30
Nitrite (NO2-N)	mg/l	24	< 0.005	0.02371	0.106	0.017	0.041
Organic nitrogen	mg/l	24	< 0.05	0.51167	1.38	0.36	1.15
Orthophosphate (PO4-P)	mg/l	24	< 0.01	0.05375	0.09	0.06	0.08
Potassium (K+)	mg/l	4	2.6	3.425	4.4	4.40	4.40
Silicates (SiO2)	mg/l	14	3.6	5.11429	6.6	5.10	6.00
Sodium (Na+)	mg/l	4	10.5	19.1	34	34.00	34.00
Sulphate (SO4--)	mg/l	4	49.4	56.1	62	62.00	62.00
Suspended solids	mg/l	18	< 2	27.05556	94	19.00	71.00
Temperature	°C	24	-0.3	11.25	25.3	11.20	20.80
Total phosphorus	mg/l	24	0.07	0.12042	0.2	0.11	0.19
Zinc (Zn), dissolved	µg/l	12	< 1.5	2.58333	9	1.50	5.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

River: Danube **Catchment:** 188700.00 km2 **2010**
Distance from mouth: 1560 **Altitude:** 89 m **HU4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.6	3.65	4.9	3.50	4.20
Ammonium (NH4-N)	mg/l	24	< 0.015	0.05521	0.11	0.05	0.11
Arsenic (As), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	24	0.8	2.26667	4.4	2.00	3.80

COD (Cr)	mg/l	24	9	12.41667	17	12.00	15.00
COD (Mn)	mg/l	24	3	4.12917	6.1	4.00	4.90
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.09583	0.5	0.05	0.15
Calcium (Ca++)	mg/l	12	48	61.79167	78.4	62.10	69.40
Chloride (Cl-)	mg/l	24	14.6	26.09167	41.4	25.00	35.60
Chromium (Cr), total	µg/l	12	< 0.25	0.46667	2.1	0.25	1.00
Conductivity	µS/cm	24	315	451.04167	590	440.00	535.00
Copper (Cu), dissolved	µg/l	12	1.1	1.65	2.6	1.60	2.10
Dissolved oxygen	mg/l	24	6.9	9.64167	12.1	9.90	7.60
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Macrozoobenthos - number of families	-	2	14	14.5	15		
Macrozoobenthos sapr. index	-	2	2.081	2.1055	2.13		
Magnesium (Mg++)	mg/l	12	< 0.25	16.3375	21.1	16.50	21.10
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.70833	1.4	0.60	1.20
Nitrate (NO3-N)	mg/l	24	0.95	2.30329	4.249	2.28	3.39
Nitrite (NO2-N)	mg/l	24	< 0.005	0.01908	0.044	0.015	0.033
Organic nitrogen	mg/l	24	< 0.05	0.50833	1.34	0.45	1.15
Orthophosphate (PO4-P)	mg/l	24	< 0.01	0.05292	0.09	0.05	0.08
Potassium (K+)	mg/l	2	2.8	2.8	2.8		
Silicates (SiO2)	mg/l	20	2.2	4.675	5.4	5.00	5.30
Sodium (Na+)	mg/l	2	11.2	12.7	14.2		
Sulphate (SO4--)	mg/l	2	49	51.5	54		
Suspended solids	mg/l	18	< 2	22.61111	94	18.00	46.00
Temperature	°C	24	-0.3	11.18333	25.5	11.10	20.70
Total phosphorus	mg/l	24	0.07	0.11208	0.22	0.10	0.15
Zinc (Zn), dissolved	µg/l	12	< 1.5	3.33333	14	1.50	5.00
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

River: Danube **Catchment:** 211503.00 km2 **2010**
Distance from mouth: 1435 **Altitude:** 79 m **HU5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.8	3.82083	8.85	3.70	4.20
Aluminium (Al), dissolved	µg/l	3	21	32.66667	42		
Ammonium (NH4-N)	mg/l	24	0.01	0.06125	0.15	0.04	0.12
Arsenic (As), dissolved	µg/l	17	< 0.5	1.39412	2.1	1.30	2.10
Atrazine	µg/l	16	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	24	1	2.3125	5.3	2.10	3.60
COD (Cr)	mg/l	24	7	11.79167	15	12.00	14.00
COD (Mn)	mg/l	24	2.7	4.075	5.6	4.00	5.30
Cadmium (Cd), dissolved	µg/l	17	< 0.025	0.03294	0.16	0.025	0.025
Calcium (Ca++)	mg/l	16	52.5	65.25625	105.9	62.90	72.60
Chloride (Cl-)	mg/l	24	15.1	26.24167	36.2	26.00	34.20
Chromium (Cr), total	µg/l	17	< 0.05	0.22647	1.3	0.20	0.30
Conductivity	µS/cm	24	330	437.70833	525	430.00	515.00
Copper (Cu), dissolved	µg/l	17	1.5	1.92353	3	1.80	2.70

Dissolved oxygen	mg/l	24	6.3	9.725	12.2	9.90	7.60
Flow	m3/s	365	1500	2879.2328	8030	2560.00	4350.00
Lead (Pb), dissolved	µg/l	17	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	16	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	16	13	17.4625	25.2	17.00	22.30
Mercury (Hg), dissolved	µg/l	17	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	17	0.3	0.67059	1	0.70	0.90
Nitrate (NO3-N)	mg/l	24	0.881	2.14329	3.752	2.06	2.983
Nitrite (NO2-N)	mg/l	24	< 0.005	0.01717	0.053	0.012	0.033
Organic nitrogen	mg/l	24	< 0.125	0.46021	1.63	0.36	0.91
Orthophosphate (PO4-P)	mg/l	24	< 0.01	0.06708	0.11	0.07	0.09
Phenol index	mg/l	15	< 0.001	0.00147	0.006	0.001	0.003
Potassium (K+)	mg/l	16	2.1	3.35	4.5	3.40	3.80
Silicates (SiO2)	mg/l	24	1.5	4.925	6.5	5.10	5.80
Sodium (Na+)	mg/l	16	8.1	15.225	22	15.20	18.80
Sulphate (SO4--)	mg/l	16	40.8	49.25	58.5	48.00	56.50
Suspended solids	mg/l	21	8	29.42857	97	22.00	47.00
Temperature	°C	24	0.5	11.61667	27.4	11.90	21.10
Total phosphorus	mg/l	24	0.08	0.12917	0.21	0.12	0.20
Zinc (Zn), dissolved	µg/l	17	< 1.5	3	6.5	1.50	5.00
p,p'-DDT	µg/l	16	< 0.005	< 0.005	< 0.005	0.005	0.005

River: Danube **Catchment:** 211503.00 km2 **2010**
Distance from mouth: 1435 **Altitude:** 79 m **HU5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	2	10	11.5	13		
Macrozoobenthos sapr. index	-	2	2.194	2.1965	2.199		

River: Sio **Catchment:** 14693.00 km2 **2010**
Distance from mouth: 13 **Altitude:** 85 m **HU6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	5.64	7.09667	8.64	6.79	8.28
Ammonium (NH4-N)	mg/l	12	0.06	0.17083	0.57	0.08	0.44
Arsenic (As)	µg/l	12	< 1.5	3.45833	7	4.00	5.00
Arsenic (As), dissolved	µg/l	12	< 1.5	2.91667	5	1.50	5.00
BOD (5)	mg/l	12	2.6	4	9	3.30	5.00
COD (Cr)	mg/l	12	21	31.16667	50	27.00	43.00
COD (Mn)	mg/l	10	6.6	9.096	14	14.00	14.00
Cadmium (Cd)	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Cadmium (Cd), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	11	55	78.90909	113	71.00	112.00
Chloride (Cl-)	mg/l	11	27	46.81818	58	50.00	55.00
Chromium (Cr) - total	µg/l	12	< 0.125	1.01042	7	0.125	2.00
Chromium (Cr), total	µg/l	12	< 0.5	0.95833	6	0.50	0.50

Conductivity	µS/cm	12	640	870.83333	1040	900.00	1020.00
Copper (Cu)	µg/l	12	2	4.41667	8	4.00	7.00
Copper (Cu), dissolved	µg/l	12	2	2.83333	6	2.00	4.00
Dissolved oxygen	mg/l	12	2.65	9.18083	14.9	9.70	3.28
Flow	m3/s	365	4.82	35.15488	72.7	31.10	66.00
Iron (Fe)	mg/l	11	< 0.025	0.06182	0.13	0.025	0.13
Lead (Pb)	µg/l	12	< 0.5	1.54167	3	0.50	3.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg++)	mg/l	11	38	63.27273	76	65.00	73.00
Manganese (Mn)	mg/l	11	0.02	0.05545	0.2	0.04	0.10
Mercury (Hg)	µg/l	12	< 0.025	0.04125	0.15	0.025	0.06
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	1.125	3	0.50	3.00
Nickel (Ni), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Nitrate (NO3-N)	mg/l	12	< 0.0125	2.60188	7.37	1.53	6.51
Nitrite (NO2-N)	mg/l	12	< 0.025	0.05725	0.201	0.025	0.117
Organic nitrogen	mg/l	12	0.546	3.70663	30.639	0.969	3.7905
Orthophosphate (PO4-P)	mg/l	12	0.09	0.19917	0.36	0.16	0.33
Phenol index	mg/l	10	< 0.001	< 0.001	< 0.001	0.001	0.001
Potassium (K+)	mg/l	11	8.5	11.32727	16	12.00	15.00
Silicates (SiO2)	mg/l	4	4.3	5.4	6.3	6.30	6.30
Sodium (Na+)	mg/l	11	32	54.18182	71	56.00	65.00
Sulphate (SO4--)	mg/l	7	101	129.57143	145	145.00	145.00
Suspended solids	mg/l	12	6	45.83333	148	18.00	114.00
Temperature	°C	12	1.7	11.75833	26.7	10.00	21.90

River: Sio **Catchment:** 14693.00 km2 **2010**
Distance from mouth: 13 **Altitude:** 85 m **HU6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	12	0.21	0.405	0.74	0.28	0.71
Zinc (Zn)	µg/l	12	< 9	17.91667	53	9.00	44.00
Zinc (Zn), dissolved	µg/l	12	< 9	11.83333	29	9.00	23.00
pH	-	12	8.03	8.15833	8.39	8.12	8.05

River: Drava **Catchment:** 35764.00 km2 **2010**
Distance from mouth: 78 **Altitude:** 92 m **HU7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	1.95	2.94091	3.4	3.15	3.30
Ammonium (NH4-N)	mg/l	11	0.01	0.04818	0.09	0.04	0.08
BOD (5)	mg/l	11	0.8	1.83636	3.7	1.70	3.10
COD (Cr)	mg/l	11	< 2.5	10.18182	20	9.00	17.00
COD (Mn)	mg/l	11	1.3	3.63636	6.6	3.10	6.60
Chloride (Cl-)	mg/l	10	10.1	15.17	19.8	19.80	19.80
Conductivity	µS/cm	11	217	334.72727	425	320.00	415.00

Dissolved oxygen	mg/l	11	7	9.05455	11.5	9.10	7.00
Flow	m3/s	365	295	578.98356	1570	526.00	840.00
Macrozoobenthos - number of families	-	1	22	22	22		
Macrozoobenthos sapr. index	-	1	2.11	2.11	2.11		
Nitrate (NO3-N)	mg/l	11	0.655	1.27645	1.7	1.27	1.65
Nitrite (NO2-N)	mg/l	11	< 0.005	0.01591	0.033	0.012	0.029
Organic nitrogen	mg/l	11	< 0.125	0.435	0.9	0.32	0.82
Orthophosphate (PO4-P)	mg/l	11	< 0.01	0.056	0.121	0.039	0.101
Temperature	°C	11	1.5	12.49091	24.8	15.30	21.10
Total phosphorus	mg/l	11	0.05	0.11273	0.26	0.10	0.19

River: Tisza/Sajo **Catchment:** 3224.00 km2 **2010**
Distance from mouth: 124 **Altitude:** 148 m **HU8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.15	2.91667	4	2.85	3.60
Aluminium (Al)	µg/l	2	91.6	197.3	303		
Aluminium (Al), dissolved	µg/l	2	< 4	19	34		
Ammonium (NH4-N)	mg/l	13	0.02	0.06	0.18	0.05	0.12
Arsenic (As)	µg/l	2	< 0.5	< 0.5	< 0.5		
Arsenic (As), dissolved	µg/l	12	< 0.5	0.85833	2.3	0.50	2.20
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	12	1.1	4.26667	7.3	4.30	5.80
COD (Cr)	mg/l	13	7	12.61538	22	13.00	20.00
COD (Mn)	mg/l	12	2.6	3.99167	6.3	3.60	5.80
Cadmium (Cd)	µg/l	2	< 0.25	< 0.25	< 0.25		
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	38.8	56.55	72.5	53.50	72.00
Chloride (Cl-)	mg/l	12	7	11.25	16	11.00	15.00
Chromium (Cr) - total	µg/l	2	< 0.125	0.6125	1.1		
Chromium (Cr), total	µg/l	12	< 0.5	0.725	1.6	0.50	1.50
Conductivity	µS/cm	13	300	395.23077	513	396.00	498.00
Copper (Cu)	µg/l	2	6.6	6.8	7		
Copper (Cu), dissolved	µg/l	12	3.3	4.83333	8.1	4.50	5.70
Dissolved oxygen	mg/l	13	7.8	10.49231	12.5	10.30	8.30
Flow	m3/s	365	13.7	55.44795	484	34.40	111.00
Lead (Pb)	µg/l	2	2.4	2.55	2.7		
Lead (Pb), dissolved	µg/l	12	< 0.5	0.56667	1.3	0.50	0.50
Lindane (gama-HCH)	µg/l	13	< 0.004	< 0.004	< 0.004	0.004	0.004
Macrozoobenthos - number of families	-	3	8	11	16		
Macrozoobenthos sapr. index	-	3	2.086	2.25167	2.345		
Magnesium (Mg++)	mg/l	12	9.2	13.29167	20.1	12.50	17.30
Mercury (Hg)	µg/l	2	< 0.02	< 0.02	< 0.02		
Mercury (Hg), dissolved	µg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Nickel (Ni)	µg/l	2	3	3.35	3.7		
Nickel (Ni), dissolved	µg/l	12	1.8	2.91667	4.6	2.90	4.40
Nitrate (NO3-N)	mg/l	13	1.3	1.84615	2.3	1.90	2.20
Nitrite (NO2-N)	mg/l	13	0.01	0.02308	0.04	0.02	0.03

Organic nitrogen	mg/l	13	< 0.025	0.41192	1.22	0.29	0.82
Orthophosphate (PO4-P)	mg/l	13	0.02	0.04231	0.06	0.04	0.06
Phenol index	mg/l	13	< 0.001	< 0.001	< 0.001	0.001	0.001
Suspended solids	mg/l	13	< 2.5	39.38462	155	24.00	120.00
Temperature	°C	13	0.7	9.46923	19.5	8.70	17.60

River: Tisza/Sajo **Catchment:** 3224.00 km2 **2010**
Distance from mouth: 124 **Altitude:** 148 m **HU8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	13	0.03	0.09154	0.2	0.08	0.12
Zinc (Zn)	µg/l	2	115	115.5	116		
Zinc (Zn), dissolved	µg/l	12	42	70.75	111	68.00	94.00
p,p'-DDT	µg/l	11	< 0.006	< 0.006	< 0.006	0.006	0.006

River: Tisza **Catchment:** 138498.00 km2 **2010**
Distance from mouth: 163 **Altitude:** 74 m **HU9**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2	2.89167	3.9	2.90	3.70
Aluminium (Al), dissolved	µg/l	12	16.3	261.71667	1740	52.30	797.00
Ammonium (NH4-N)	mg/l	26	< 0.015	0.08404	0.6	0.05	0.30
Arsenic (As), dissolved	µg/l	12	2.03	3.68083	6.73	3.05	6.31
Atrazine	µg/l	12	< 0.005	0.01458	0.058	0.005	0.044
BOD (5)	mg/l	12	0.6	1.34167	3.4	1.30	1.60
COD (Cr)	mg/l	12	11.3	15.81667	23.1	13.40	22.50
COD (Mn)	mg/l	12	4.1	5.86667	8.1	5.20	8.10
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.14583	0.6	0.05	0.50
Calcium (Ca++)	mg/l	12	34.9	48.38333	62.1	49.60	56.60
Chloride (Cl-)	mg/l	12	15	30.25	50	30.00	40.00
Chromium (Cr), total	µg/l	12	< 0.25	2.22917	7	2.00	3.00
Conductivity	µS/cm	12	286	409.66667	540	398.00	520.00
Copper (Cu), dissolved	µg/l	12	2.3	6.38333	12.3	5.50	10.20
Dissolved oxygen	mg/l	12	2.6	8.98333	12.7	9.40	4.80
Lead (Pb), dissolved	µg/l	12	< 0.5	2.04167	4	2.00	4.00
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	7.78	11.00833	16.3	10.90	12.10
Mercury (Hg), dissolved	µg/l	11	< 0.05	0.07273	0.3	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.50417	3.9	1.00	3.50
Nitrate (NO3-N)	mg/l	26	0.31	1.11846	1.83	1.10	1.59
Nitrite (NO2-N)	mg/l	26	< 0.005	0.01519	0.04	0.02	0.03
Organic nitrogen	mg/l	26	< 0.05	0.71846	1.34	0.74	1.20
Orthophosphate (PO4-P)	mg/l	26	< 0.01	0.06	0.12	0.06	0.08
Phenol index	mg/l	12	< 0.001	0.00333	0.007	0.003	0.006
Potassium (K+)	mg/l	12	3.4	4.35	5.3	4.20	5.20
Silicates (SiO2)	mg/l	26	4.9	9.68846	12.1	10.10	11.60

Sodium (Na+)	mg/l	12	14	28.16667	46	29.00	37.00
Sulphate (SO4--)	mg/l	12	40	52.08333	69	49.00	63.00
Suspended solids	mg/l	26	< 2	81.84615	285	64.00	223.00
Temperature	°C	24	0.7	12.94167	26	13.50	23.90
Total phosphorus	mg/l	26	0.1	0.17192	0.31	0.15	0.24
Zinc (Zn), dissolved	µg/l	12	< 1.5	9.14167	19.9	7.50	16.90
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.14	7.58083	8.16	7.36	7.18

River: Tisza **Catchment:** 138498.00 km2 **2010**
Distance from mouth: 163 **Altitude:** 74 m **HU9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2	2.76667	3.9	2.70	3.30
Aluminium (Al), dissolved	µg/l	12	7.6	59.03333	110	57.90	93.90
Ammonium (NH4-N)	mg/l	26	< 0.015	0.05442	0.29	0.04	0.08
Arsenic (As), dissolved	µg/l	12	2.02	3.75167	6.73	2.92	5.96
Atrazine	µg/l	12	< 0.005	0.01683	0.075	0.005	0.038
BOD (5)	mg/l	12	0.7	1.31667	3.2	1.30	1.60
COD (Cr)	mg/l	12	11.3	17.25833	26.8	14.80	22.00
COD (Mn)	mg/l	12	3.6	5.725	7.6	5.90	7.50
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.0875	0.2	0.05	0.20
Calcium (Ca++)	mg/l	12	34.1	46.45	62.8	46.80	53.10
Chloride (Cl-)	mg/l	12	14	28.58333	47	27.00	37.00
Chromium (Cr), total	µg/l	12	< 0.25	1.25	2	1.00	2.00
Conductivity	µS/cm	12	282	402.08333	545	412.00	476.00
Copper (Cu), dissolved	µg/l	12	2.7	5.325	8.3	5.40	7.10
Dissolved oxygen	mg/l	12	3.4	8.91667	12.6	9.30	4.40
Flow	m3/s	365	541	1425.1890	2680	1280.00	2330.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.20833	3	0.50	2.00
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	7.13	10.71	17.6	10.40	11.60
Mercury (Hg), dissolved	µg/l	11	< 0.05	0.06364	0.2	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.25417	2.9	1.20	2.40
Nitrate (NO3-N)	mg/l	26	0.5	1.08154	1.68	1.05	1.58
Nitrite (NO2-N)	mg/l	26	< 0.005	0.01308	0.03	0.005	0.03
Organic nitrogen	mg/l	26	0.17	0.76154	1.41	0.79	1.30
Orthophosphate (PO4-P)	mg/l	26	< 0.01	0.06	0.11	0.06	0.09
Phenol index	mg/l	12	< 0.001	0.00358	0.007	0.003	0.006
Potassium (K+)	mg/l	12	3.3	4.48333	6.9	4.40	5.50
Silicates (SiO2)	mg/l	26	4.4	9.54615	12	9.90	11.10
Sodium (Na+)	mg/l	12	15	26	38	25.00	36.00
Sulphate (SO4--)	mg/l	12	39	51.75	75	49.00	62.00
Suspended solids	mg/l	26	13	72.61538	244	47.00	158.00
Temperature	°C	24	0.7	12.875	26.1	13.50	24.20
Total phosphorus	mg/l	26	0.09	0.17154	0.32	0.15	0.25
Zinc (Zn), dissolved	µg/l	12	< 1.5	5.95	10.3	5.10	10.10
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

pH - 12 7.19 7.60917 8.3 7.42 7.23

River: Tisza **Catchment:** 138498.00 km2 **2010**
Distance from mouth: 163 **Altitude:** 74 m **HU9**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2	2.78333	4.3	2.80	3.10
Aluminium (Al), dissolved	µg/l	12	13.6	100.73333	229	72.50	213.00
Ammonium (NH4-N)	mg/l	26	< 0.015	0.06462	0.31	0.05	0.09
Arsenic (As), dissolved	µg/l	12	< 1	3.815	7.16	2.86	6.31
Atrazine	µg/l	12	< 0.005	0.012	0.054	0.005	0.024
BOD (5)	mg/l	12	< 0.25	1.22917	3.3	1.00	1.50
COD (Cr)	mg/l	12	12.9	16.60833	23.1	15.40	21.40
COD (Mn)	mg/l	12	3.8	5.76667	7.7	5.70	7.60
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.075	0.2	0.05	0.20
Calcium (Ca++)	mg/l	12	33.3	46.33333	62.7	46.00	52.50
Chloride (Cl-)	mg/l	12	13	27.08333	47	25.00	40.00
Chromium (Cr), total	µg/l	12	< 0.25	1.0625	2	1.00	2.00
Conductivity	µS/cm	12	278	394.91667	545	382.00	468.00
Copper (Cu), dissolved	µg/l	12	2.3	5.53333	9.3	5.10	7.50
Dissolved oxygen	mg/l	12	3.8	8.90833	12.8	9.10	4.40
Lead (Pb), dissolved	µg/l	12	< 0.5	1.625	3	2.00	3.00
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	6.99	10.825	16.9	10.70	11.90
Mercury (Hg), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.29583	3.2	1.10	2.40
Nitrate (NO3-N)	mg/l	26	0.55	1.06731	1.72	1.08	1.49
Nitrite (NO2-N)	mg/l	26	< 0.005	0.01654	0.05	0.02	0.03
Organic nitrogen	mg/l	26	0.26	0.72538	1.36	0.81	1.06
Orthophosphate (PO4-P)	mg/l	26	< 0.01	0.05962	0.12	0.06	0.08
Phenol index	mg/l	12	< 0.001	0.00383	0.007	0.003	0.006
Potassium (K+)	mg/l	12	3.3	4.175	5.4	4.30	4.80
Silicates (SiO2)	mg/l	26	5	9.65385	12.6	9.90	11.30
Sodium (Na+)	mg/l	12	14	24.91667	37	25.00	36.00
Sulphate (SO4--)	mg/l	12	38	50.08333	70	49.00	59.00
Suspended solids	mg/l	26	12	70.03846	232	49.00	131.00
Temperature	°C	24	0.7	12.91667	26	13.40	23.70
Total phosphorus	mg/l	26	0.1	0.17231	0.34	0.14	0.26
Zinc (Zn), dissolved	µg/l	12	< 1.5	7.50833	22.3	5.20	10.60
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.09	7.56167	8.19	7.34	7.21

River: Prut **Catchment:** 8750.00 km2 **2010**
Distance from mouth: 658 **Altitude:** 100 m **MD1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	10	2.88	4.509	12.9	12.90	12.90
Ammonium (NH4-N)	mg/l	10	< 0.01	0.223	0.59	0.59	0.59
Anionic active surfactants	mg/l	10	< 0.005	0.014	0.02	0.02	0.02
BOD (5)	mg/l	10	1.97	2.49	3.61	3.61	3.61
COD (Cr)	mg/l	9	8.8	14.73778	19.4	19.40	19.40
Cadmium (Cd)	µg/l	10	< 0.25	1.807	10	10.00	10.00
Cadmium (Cd), dissolved	µg/l	10	< 0.25	0.57	2	2.00	2.00
Calcium (Ca++)	mg/l	10	52.6	73.19	89.4	89.40	89.40
Chloride (Cl-)	mg/l	10	10.6	27.31	46.2	46.20	46.20
Conductivity	µS/cm	4	424	534.25	655	655.00	655.00
Copper (Cu)	µg/l	10	< 1.5	4.9	9	9.00	9.00
Copper (Cu), dissolved	µg/l	10	< 1.5	2.75	5	5.00	5.00
Dissolved oxygen	mg/l	10	4.74	9.545	13.4	4.74	4.74
Lead (Pb)	µg/l	10	< 1.5	< 1.5	< 1.5	1.50	1.50
Lead (Pb), dissolved	µg/l	10	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	2	< 0.00000	< 0.00000	< 0.00000		
Macrozoobenthos no. of taxa	-	4	3000	20230	43280	43280.00	43280.00
Macrozoobenthos sapr. index	-	4	1.68	1.7775	1.88	1.88	1.88
Magnesium (Mg++)	mg/l	10	5.11	12.903	19.3	19.30	19.30
Nickel (Ni)	µg/l	10	< 1.5	6.137	25	25.00	25.00
Nickel (Ni), dissolved	µg/l	10	< 1.5	1.75	4	4.00	4.00
Nitrate (NO3-N)	mg/l	10	0.45	0.878	1.54	1.54	1.54
Nitrite (NO2-N)	mg/l	10	0.011	0.0202	0.04	0.04	0.04
Orthophosphate (PO4-P)	mg/l	10	0.009	0.0305	0.073	0.073	0.073
Petroleum hydrocarbons	mg/l	10	< 0.00000	0.103	0.8	0.80	0.80
Phenol index	mg/l	10	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	1.184	1.6576	2.368	2.368	2.368
Sulphate (SO4--)	mg/l	10	47.5	81.32	157	157.00	157.00
Suspended solids	mg/l	10	< 0.5	42.2	230	230.00	230.00
Temperature	°C	10	0.1	11.17	24	24.00	24.00
Total phosphorus, dissolved	mg/l	10	0.016	0.0456	0.092	0.092	0.092
Zinc (Zn)	µg/l	9	< 1.5	38.83333	130	130.00	130.00
Zinc (Zn), dissolved	µg/l	10	< 1.5	1.85	5	5.00	5.00
p,p'-DDT	µg/l	2	< 0.025	< 0.025	< 0.025		
pH	-	10	7.3	7.969	8.3	7.30	7.30

River: Prut **Catchment:** 27480.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 5 m **MD3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.01	3.89833	5.28	3.56	4.80
Ammonium (NH4-N)	mg/l	12	< 0.01	0.07583	0.4	0.01	0.26
Anionic active surfactants	mg/l	12	< 0.005	0.02083	0.04	0.02	0.04
BOD (5)	mg/l	12	1.82	2.26167	2.98	2.31	2.64
COD (Cr)	mg/l	12	10	16.925	25	16.00	24.30
Cadmium (Cd)	µg/l	12	0.78	5.39	53	1.00	2.00
Cadmium (Cd), dissolved	µg/l	12	< 0.25	1.67083	13	0.60	1.20
Calcium (Ca++)	mg/l	12	51.1	63.28333	80	63.10	70.00

Chloride (Cl-)	mg/l	12	12.4	28.80833	46.1	28.40	46.10
Chromium (Cr) - total	µg/l	1	< 1.5	< 1.5	< 1.5		
Conductivity	µS/cm	7	464	637.57143	870	870.00	870.00
Copper (Cu)	µg/l	12	< 1.5	4.875	9	5.00	7.00
Copper (Cu), dissolved	µg/l	11	< 1.5	2.59091	6	1.50	4.00
Dissolved oxygen	mg/l	12	4.1	9.79917	13.1	8.47	7.50
Lead (Pb)	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	2	< 0.00000	< 0.00000	< 0.00000		
Macrozoobenthos no. of taxa	-	3	320	7613.3333	16000		
Macrozoobenthos sapr. index	-	3	1.42	1.59667	1.85		
Magnesium (Mg++)	mg/l	12	11.4	20.20917	28.3	19.50	28.10
Nickel (Ni)	µg/l	12	< 1.5	4.42583	11	4.00	6.00
Nickel (Ni), dissolved	µg/l	12	< 1.5	1.75	3	1.50	3.00
Nitrate (NO3-N)	mg/l	12	< 0.05	0.775	2.97	0.48	1.31
Nitrite (NO2-N)	mg/l	12	0.008	0.01767	0.046	0.012	0.034
Orthophosphate (PO4-P)	mg/l	12	0.022	0.0525	0.083	0.048	0.08
Petroleum hydrocarbons	mg/l	12	< 0.00000	0.025	0.07	0.02	0.05
Phenol index	mg/l	12	< 0.0005	0.00054	0.001	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	1.184	4.2624	5.92	5.92	5.92
Sulphate (SO4--)	mg/l	12	46	108.49167	186	106.00	155.00
Suspended solids	mg/l	15	10	44.66667	220	20.00	90.00
Temperature	°C	12	0.2	12.9	24.6	10.50	24.40
Total phosphorus, dissolved	mg/l	12	0.042	0.08483	0.172	0.062	0.168
Zinc (Zn)	µg/l	12	< 1.5	35.45833	130	1.50	120.00
Zinc (Zn), dissolved	µg/l	12	< 1.5	2.66667	12	1.50	5.00
p,p'-DDT	µg/l	2	< 0.025	< 0.025	< 0.025		
pH	-	12	7.48	8.00333	8.46	8.08	7.52

River: Prut **Catchment:** 62890.00 km2 **2010**
Distance from mouth: 254 **Altitude:** m **MD5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	2.74	3.025	3.33	3.33	3.33
Ammonium (NH4-N)	mg/l	11	< 0.01	0.05909	0.16	0.07	0.13
Anionic active surfactants	mg/l	11	< 0.005	0.015	0.04	0.02	0.02
BOD (5)	mg/l	11	1.68	2.46091	3.92	2.44	2.97
COD (Cr)	mg/l	11	9	13.63636	18.5	14.00	17.10
Cadmium (Cd)	µg/l	11	< 0.25	1.09273	3	0.60	3.00
Cadmium (Cd), dissolved	µg/l	11	< 0.25	0.39545	1	0.25	0.60
Calcium (Ca++)	mg/l	11	46.3	60.02727	73.7	59.10	69.90
Chloride (Cl-)	mg/l	11	10.6	22.73636	35.5	21.30	31.90
Chromium (Cr) - total	µg/l	7	< 1.5	2.42857	5	5.00	5.00
Conductivity	µS/cm	5	372	440.8	530	530.00	530.00
Copper (Cu)	µg/l	11	< 1.5	4.77273	13	5.00	7.00
Copper (Cu), dissolved	µg/l	4	< 1.5	3.5	6	6.00	6.00
Dissolved oxygen	mg/l	11	6.05	10.82545	13.5	12.10	7.25
Lead (Pb)	µg/l	11	< 1.5	< 1.5	< 1.5	1.50	1.50

Lead (Pb), dissolved	µg/l	11	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	2	< 0.00000	< 0.00000	< 0.00000		
Macrozoobenthos no. of taxa	-	3	520	1666.6666	3960		
Macrozoobenthos sapr. index	-	3	1.75	1.82333	1.91		
Magnesium (Mg++)	mg/l	11	8.88	104.26636	1021	11.10	17.90
Nickel (Ni)	µg/l	11	< 1.5	2.09091	5	1.50	3.00
Nickel (Ni), dissolved	µg/l	11	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO3-N)	mg/l	11	0.1	0.72727	1.65	0.73	1.01
Nitrite (NO2-N)	mg/l	11	< 0.0025	0.02459	0.115	0.016	0.028
Orthophosphate (PO4-P)	mg/l	11	0.007	0.02164	0.062	0.014	0.046
Petroleum hydrocarbons	mg/l	11	< 0.00000	0.01364	0.05	0.00	0.04
Phenol index	mg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	0.76	1.374	2.368	2.368	2.368
Sulphate (SO4--)	mg/l	11	29	70.17273	105	69.00	96.00
Suspended solids	mg/l	11	< 0.5	11.18182	50	0.50	30.00
Temperature	°C	11	< 0.00000	13.17273	27.8	12.40	25.00
Total phosphorus, dissolved	mg/l	11	0.01	0.05055	0.094	0.044	0.082
Zinc (Zn)	µg/l	11	< 1.5	40.36364	160	1.50	150.00
Zinc (Zn), dissolved	µg/l	11	< 1.5	2.77273	8	1.50	5.00
p,p'-DDT	µg/l	2	< 0.025	< 0.025	< 0.025		
pH	-	11	7.52	8.05545	8.48	7.90	7.70

River: Prut **Catchment:** 62890.00 km2 **2010**
Distance from mouth: 254 **Altitude:** m **MD6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	1.72	3.12	3.78	3.78	3.78
Ammonium (NH4-N)	mg/l	11	< 0.01	0.07091	0.26	0.07	0.16
Anionic active surfactants	mg/l	11	< 0.005	0.01318	0.02	0.02	0.02
BOD (5)	mg/l	11	1.51	2.24182	3.29	2.32	2.64
COD (Cr)	mg/l	11	11	16.33636	37	13.80	19.00
Cadmium (Cd)	µg/l	10	< 0.25	1.625	9	9.00	9.00
Cadmium (Cd), dissolved	µg/l	10	< 0.25	0.95	5	5.00	5.00
Calcium (Ca++)	mg/l	11	50.5	64.38182	77.7	66.30	73.70
Chloride (Cl-)	mg/l	11	10.6	22.87273	35.4	23.00	33.70
Conductivity	µS/cm	4	377	440	525	525.00	525.00
Copper (Cu)	µg/l	10	< 1.5	3.85	9	9.00	9.00
Copper (Cu), dissolved	µg/l	11	< 1.5	2.22727	5	1.50	3.00
Dissolved oxygen	mg/l	11	5.5	9.16455	12.72	9.30	6.14
Lead (Pb)	µg/l	10	< 1.5	< 1.5	< 1.5	1.50	1.50
Lead (Pb), dissolved	µg/l	10	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	1	< 0.00000	< 0.00000	< 0.00000		
Macrozoobenthos no. of taxa	-	3	320	16800	30280		
Macrozoobenthos sapr. index	-	3	1.6	1.71	1.78		
Magnesium (Mg++)	mg/l	11	6.38	3717.8072	40773	11.49	19.30
Nickel (Ni)	µg/l	10	< 1.5	2.647	4	4.00	4.00
Nickel (Ni), dissolved	µg/l	10	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO3-N)	mg/l	11	0.16	0.81273	1.25	0.83	1.13

Nitrite (NO2-N)	mg/l	11	0.006	0.01536	0.056	0.012	0.017
Orthophosphate (PO4-P)	mg/l	11	0.01	0.07655	0.546	0.026	0.071
Petroleum hydrocarbons	mg/l	11	< 0.00000	0.02727	0.1	0.02	0.07
Phenol index	mg/l	10	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	1.184	3.256	7.104	7.104	7.104
Sulphate (SO4--)	mg/l	11	35	70.10909	102	74.50	100.00
Suspended solids	mg/l	11	< 0.5	11.95455	40	10.00	30.00
Temperature	°C	11	0.2	11.79091	23	12.00	21.00
Total phosphorus, dissolved	mg/l	11	0.012	0.10927	0.696	0.05	0.12
Zinc (Zn)	µg/l	10	< 1.5	36.25	270	270.00	270.00
Zinc (Zn), dissolved	µg/l	11	< 1.5	4.5	15	1.50	10.00
p,p'-DDT	µg/l	1	< 0.025	< 0.025	< 0.025		
pH	-	11	7.45	8.00182	8.43	8.05	7.52

River: Prut **Catchment:** 30953.00 km2 **2010**
Distance from mouth: 525 **Altitude:** m **MD7**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.78	3.76333	5.09	3.70	4.99
Ammonium (NH4-N)	mg/l	12	< 0.01	0.29083	0.99	0.10	0.92
Anionic active surfactants	mg/l	12	0.02	0.02917	0.08	0.02	0.04
BOD (5)	mg/l	12	1.97	3.11833	5.71	2.66	4.90
COD (Cr)	mg/l	12	8.3	16.64167	25.3	16.00	24.70
Cadmium (Cd)	µg/l	12	< 0.25	1.56	6	0.87	6.00
Cadmium (Cd), dissolved	µg/l	12	< 0.25	0.57917	1.7	0.25	1.00
Calcium (Ca++)	mg/l	12	44.2	62.81667	77.7	63.10	77.30
Chloride (Cl-)	mg/l	12	12.4	24.83333	39	24.80	37.30
Conductivity	µS/cm	8	409	597.375	815	815.00	815.00
Copper (Cu)	µg/l	12	< 1.5	5.625	11	4.00	10.00
Copper (Cu), dissolved	µg/l	12	< 1.5	2.45833	6	1.50	4.00
Dissolved oxygen	mg/l	12	6.15	9.1075	12.4	9.12	6.45
Lead (Pb)	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	2	< 0.00000	< 0.00000	< 0.00000		
Macrozoobenthos no. of taxa	-	3	1200	2426.6666	4680		
Macrozoobenthos sapr. index	-	3	1.63	2.03667	2.48		
Magnesium (Mg++)	mg/l	12	10.21	18.48333	28.1	16.50	25.50
Nickel (Ni)	µg/l	12	< 1.5	7.1	17	5.00	16.00
Nickel (Ni), dissolved	µg/l	12	< 1.5	1.83333	4	1.50	3.00
Nitrate (NO3-N)	mg/l	12	0.28	1.1425	2.57	0.95	2.27
Nitrite (NO2-N)	mg/l	12	< 0.0025	0.01667	0.061	0.012	0.03
Orthophosphate (PO4-P)	mg/l	12	0.007	0.04958	0.084	0.055	0.07
Petroleum hydrocarbons	mg/l	12	< 0.00000	0.03917	0.12	0.02	0.10
Phenol index	mg/l	12	< 0.0005	0.00054	0.001	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	1.184	2.9595	5.92	5.92	5.92
Sulphate (SO4--)	mg/l	12	33	96.94167	154	87.40	151.00
Suspended solids	mg/l	12	30	94.16667	300	80.00	150.00
Temperature	°C	12	0.2	11.55833	24.4	10.00	20.10

Total phosphorus, dissolved	mg/l	12	0.02	0.07767	0.14	0.084	0.096
Zinc (Zn)	µg/l	12	< 1.5	31.83333	140	1.50	70.00
Zinc (Zn), dissolved	µg/l	12	< 1.5	3.08333	13	1.50	9.00
p,p'-DDT	µg/l	2	< 0.025	< 0.025	< 0.025		
pH	-	12	7.7	8.03917	8.46	8.00	7.72

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	13	2.57	3.03615	3.7	3.06	3.53
Ammonium (NH4-N)	mg/l	13	0.038	0.09877	0.264	0.077	0.155
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	1.22	2.85167	3	3.00	3.00
COD (Cr)	mg/l	12	< 3.75	10.65917	17.43	10.00	13.66
COD (Mn)	mg/l	12	3.1	4.30583	5.85	3.99	5.84
Cadmium (Cd)	µg/l	12	< 0.05	0.51358	1.31	0.3583	1.19
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.07179	0.3115	0.05	0.05
Calcium (Ca++)	mg/l	9	46.96	55.82778	64.12	64.12	64.12
Chloride (Cl-)	mg/l	12	13.89	19.265	23.15	20.21	22.68
Chromium (Cr) - total	µg/l	12	< 0.5	1.04375	2.735	0.50	2.43
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	13	363	424	499	417.00	498.00
Copper (Cu)	µg/l	12	< 0.5	3.3046	12.41	2.37	5.231
Copper (Cu), dissolved	µg/l	12	< 0.5	1.10657	3.015	0.50	2.781
Dissolved oxygen	mg/l	13	6.34	9.61538	13.33	8.91	6.87
Flow	m3/s	365	4250	7601.8630	13200	6980.00	11300.00
Iron (Fe)	mg/l	9	0.2	0.41844	0.89	0.89	0.89
Lead (Pb)	µg/l	12	< 0.15	0.95958	3.735	0.15	3.27
Lead (Pb), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	9	11.64	20.04667	31.04	31.04	31.04
Manganese (Mn)	mg/l	10	< 0.015	0.02248	0.0898	0.0898	0.0898
Mercury (Hg)	µg/l	12	< 0.015	0.05592	0.192	0.05	0.116
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.03542	0.188	0.015	0.051
Nickel (Ni)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	13	0.678	1.42162	3.57	1.017	3.005
Nitrite (NO2-N)	mg/l	13	< 0.0015	0.01775	0.034	0.016	0.03
Orthophosphate (PO4-P)	mg/l	13	0.023	0.06146	0.15	0.047	0.107
Petroleum hydrocarbons	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	1.18	14.52833	44.06	44.06	44.06
Potassium (K+)	mg/l	9	2	2.88889	3	3.00	3.00
Sodium (Na+)	mg/l	9	13	20.11111	28	28.00	28.00
Sulphate (SO4--)	mg/l	12	20.01	43.37667	106.8	38.95	60.50
Suspended solids	mg/l	13	24	39	64	36.00	50.00
Temperature	°C	13	1	13.46923	29	12.00	24.00

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	13	0.057	0.10515	0.22	0.097	0.129
Zinc (Zn)	µg/l	12	13.7	56.96325	95.25	58.10	88.90
Zinc (Zn), dissolved	µg/l	12	6.347	29.25058	59.1	25.20	58.80
pH	-	13	7.17	7.62692	7.99	7.72	7.25

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	2.61	3.011	3.48	3.48	3.48
Ammonium (NH4-N)	mg/l	10	0.032	0.0822	0.216	0.216	0.216
Anionic active surfactants	mg/l	3	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	10	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	10	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	10	3	3.114	4.14	4.14	4.14
COD (Cr)	mg/l	10	8.19	9.895	12.31	12.31	12.31
COD (Mn)	mg/l	10	3.1	4.199	5.26	5.26	5.26
Cadmium (Cd)	µg/l	10	< 0.05	0.38366	1.16	1.16	1.16
Cadmium (Cd), dissolved	µg/l	10	< 0.05	0.061	0.16	0.16	0.16
Calcium (Ca++)	mg/l	7	43.72	57.49286	68.94	68.94	68.94
Chloride (Cl-)	mg/l	9	16.11	21.38778	25.88	25.88	25.88
Chromium (Cr) - total	µg/l	10	< 0.5	1.3621	3.127	3.127	3.127
Chromium (Cr), total	µg/l	10	< 0.5	0.622	1.72	1.72	1.72
Conductivity	µS/cm	10	334	432.9	503	503.00	503.00
Copper (Cu)	µg/l	10	< 0.5	1.89763	4.19	4.19	4.19
Copper (Cu), dissolved	µg/l	10	< 0.5	0.8843	1.863	1.863	1.863
Dissolved oxygen	mg/l	10	6.63	9.22	13.28	6.63	6.63
Flow	m3/s	365	4250	7601.8630	13200	6980.00	11300.00
Iron (Fe)	mg/l	7	0.1	0.20529	0.29	0.29	0.29
Lead (Pb)	µg/l	10	< 0.15	0.7565	3.35	3.35	3.35
Lead (Pb), dissolved	µg/l	10	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	7	11.64	18.02143	23.28	23.28	23.28
Manganese (Mn)	mg/l	8	< 0.015	0.02886	0.0911	0.0911	0.0911
Mercury (Hg)	µg/l	10	< 0.015	0.0435	0.193	0.193	0.193
Mercury (Hg), dissolved	µg/l	10	< 0.015	0.0269	0.102	0.102	0.102
Nickel (Ni)	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	10	0.565	1.1915	1.823	1.823	1.823
Nitrite (NO2-N)	mg/l	10	0.008	0.0202	0.039	0.039	0.039
Orthophosphate (PO4-P)	mg/l	10	< 0.005	0.0411	0.073	0.073	0.073
Petroleum hydrocarbons	mg/l	3	< 0.005	< 0.005	< 0.005		

Phytoplankton (biomass - chlorophyll-a)	µg/l	6	2.13	15.255	48.8	48.80	48.80
Potassium (K+)	mg/l	7	2	2.85714	3	3.00	3.00
Sodium (Na+)	mg/l	7	18	20.85714	29	29.00	29.00
Sulphate (SO4--)	mg/l	9	26.84	43.37444	92.7	92.70	92.70
Suspended solids	mg/l	10	22	36.6	56	56.00	56.00
Temperature	°C	10	1.5	14.78	26	26.00	26.00

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	10	0.047	0.0976	0.23	0.23	0.23
Zinc (Zn)	µg/l	10	13.4	79.2133	155.2	155.20	155.20
Zinc (Zn), dissolved	µg/l	10	9.4	32.4183	56.8	56.80	56.80
pH	-	10	7.4	7.696	7.95	7.40	7.40

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	2.62	3.022	3.5	3.50	3.50
Ammonium (NH4-N)	mg/l	10	0.045	0.0882	0.217	0.217	0.217
Anionic active surfactants	mg/l	3	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	10	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	10	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	10	3	3.153	4.13	4.13	4.13
COD (Cr)	mg/l	10	< 3.75	9.69	12.31	12.31	12.31
COD (Mn)	mg/l	10	3.4	4.28	5.68	5.68	5.68
Cadmium (Cd)	µg/l	10	< 0.05	0.42341	1.273	1.273	1.273
Cadmium (Cd), dissolved	µg/l	10	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	7	45.34	59.32857	70.54	70.54	70.54
Chloride (Cl-)	mg/l	9	16.47	22.15778	33.33	33.33	33.33
Chromium (Cr) - total	µg/l	10	< 0.5	1.26414	3.007	3.007	3.007
Chromium (Cr), total	µg/l	10	< 0.5	0.73587	1.7287	1.7287	1.7287
Conductivity	µS/cm	10	378	438.7	528	528.00	528.00
Copper (Cu)	µg/l	10	< 0.5	3.2523	9.404	9.404	9.404
Copper (Cu), dissolved	µg/l	10	< 0.5	1.19279	4.0229	4.0229	4.0229
Dissolved oxygen	mg/l	10	6.71	9.132	13.28	6.71	6.71
Flow	m3/s	365	4250	7601.8630	13200	6980.00	11300.00
Iron (Fe)	mg/l	7	0.15	0.27386	0.44	0.44	0.44
Lead (Pb)	µg/l	10	< 0.15	0.81	3.821	3.821	3.821
Lead (Pb), dissolved	µg/l	10	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	7	9.7	17.04429	21.34	21.34	21.34
Manganese (Mn)	mg/l	8	< 0.015	0.04696	0.1463	0.1463	0.1463
Mercury (Hg)	µg/l	10	< 0.015	0.0483	0.167	0.167	0.167
Mercury (Hg), dissolved	µg/l	10	< 0.015	0.0316	0.151	0.151	0.151

Nickel (Ni)	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	10	0.9	1.215	1.787	1.787	1.787
Nitrite (NO2-N)	mg/l	10	0.006	0.01885	0.037	0.037	0.037
Orthophosphate (PO4-P)	mg/l	10	< 0.005	0.0573	0.09	0.09	0.09
Petroleum hydrocarbons	mg/l	3	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.36	7.524	13.7	13.70	13.70
Potassium (K+)	mg/l	7	2	2.71429	3	3.00	3.00
Sodium (Na+)	mg/l	7	17	20.42857	28	28.00	28.00
Sulphate (SO4--)	mg/l	9	20.5	36.39778	65.6	65.60	65.60
Suspended solids	mg/l	10	26	36.7	44	44.00	44.00
Temperature	°C	10	1.2	14.81	26	26.00	26.00

River: Danube **Catchment:** 570896.00 km2 **2010**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	10	0.058	0.108	0.21	0.21	0.21
Zinc (Zn)	µg/l	10	12.7	62.717	89.58	89.58	89.58
Zinc (Zn), dissolved	µg/l	10	11.8	31.439	65.8	65.80	65.80
pH	-	10	7.32	7.664	7.93	7.32	7.32

River: Siret **Catchment:** 42890.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 4 m **RO10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.49	3.705	4.74	3.68	4.69
Ammonium (NH4-N)	mg/l	23	0.0365	0.20141	0.5486	0.1873	0.38
Anionic active surfactants	mg/l	1	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	2	1.7	1.7	1.7		
Arsenic (As), dissolved	µg/l	12	0.98	1.33167	1.5	1.30	1.50
Atrazine	µg/l	1	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	23	1.65	3.28565	6.4	2.97	4.74
COD (Cr)	mg/l	12	23.06	32.1275	46.8	28.08	46.36
COD (Mn)	mg/l	12	4	5.86833	10.38	4.39	9.23
Cadmium (Cd)	µg/l	2	< 0.05	0.075	0.1		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.10667	0.49	0.05	0.14
Calcium (Ca++)	mg/l	12	53.95	61.295	75.39	60.00	71.42
Chloride (Cl-)	mg/l	10	28.4	49.304	71	71.00	71.00
Chromium (Cr) - total	µg/l	2	2.6	2.8	3		
Chromium (Cr), total	µg/l	12	1.8	2.54167	3.9	2.20	3.50
Conductivity	µS/cm	12	477	701.5	997	668.00	885.00
Copper (Cu)	µg/l	2	4.9	5.2	5.5		
Copper (Cu), dissolved	µg/l	12	1.9	3.79167	6.5	3.60	5.50
Dissolved oxygen	mg/l	21	6.17	9.03524	12.86	8.68	6.31
Flow	m3/s	365	51.3	308.23726	2449	179.00	554.00

Iron (Fe)	mg/l	1	0.38	0.38	0.38		
Lead (Pb)	µg/l	2	1.9	2.2	2.5		
Lead (Pb), dissolved	µg/l	12	1.2	1.99167	2.5	2.00	2.50
Lindane (gama-HCH)	µg/l	1	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	11.69	22.17583	45.72	18.60	45.72
Manganese (Mn)	mg/l	1	0.033	0.033	0.033		
Mercury (Hg)	µg/l	2	0.046	0.058	0.07		
Mercury (Hg), dissolved	µg/l	12	0.033	0.04375	0.05	0.043	0.05
Nickel (Ni)	µg/l	2	1.8	1.85	1.9		
Nickel (Ni), dissolved	µg/l	12	1.2	1.49167	1.9	1.50	1.70
Nitrate (NO3-N)	mg/l	23	0.5085	1.78982	2.7301	1.8622	2.4566
Nitrite (NO2-N)	mg/l	23	0.003	0.02704	0.0532	0.0264	0.0438
Orthophosphate (PO4-P)	mg/l	23	< 0.005	0.0233	0.0567	0.0205	0.0479
Petroleum hydrocarbons	mg/l	1	15	15	15		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	49.76	49.76	49.76		
Potassium (K+)	mg/l	8	2.9	3.5875	4	4.00	4.00
Sodium (Na+)	mg/l	8	19.3	23.4375	29.4	29.40	29.40
Sulphate (SO4--)	mg/l	1	36.82	36.82	36.82		

River: Siret **Catchment:** 42890.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 4 m **RO10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	23	12	145.52174	585	94.00	356.00
Temperature	°C	23	1	13.80435	27	12.50	26.00
Total nitrogen	mg/l	23	1	2.41522	3.57	2.42	3.24
Total phosphorus	mg/l	23	< 0.009	0.08839	0.412	0.067	0.157
Zinc (Zn)	µg/l	2	4.8	5.2	5.6		
Zinc (Zn), dissolved	µg/l	12	2.7	3.36667	4.8	3.00	4.50
p,p'-DDT	µg/l	1	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.75	8.09667	8.41	8.10	7.86

River: Prut **Catchment:** 27480.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 5 m **RO11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.07	3.845	4.69	3.81	4.59
Ammonium (NH4-N)	mg/l	24	< 0.0125	0.1725	0.8547	0.1476	0.3061
Anionic active surfactants	mg/l	1	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	2	1.7	1.75	1.8		
Arsenic (As), dissolved	µg/l	12	1.1	1.43333	2.3	1.30	1.80
Atrazine	µg/l	1	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	24	1.23	2.68458	5.92	2.40	3.81
COD (Cr)	mg/l	13	23.4	33.32692	74.88	28.08	46.80
COD (Mn)	mg/l	12	3.16	5.93333	15.15	5.23	9.31
Cadmium (Cd)	µg/l	2	< 0.05	0.085	0.12		

Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.07917	0.32	0.05	0.13
Calcium (Ca++)	mg/l	12	53.6	64.58417	83.33	57.81	79.36
Chloride (Cl-)	mg/l	12	20.3	46.275	86.8	35.50	78.10
Chromium (Cr) - total	µg/l	2	2.9	2.9	2.9		
Chromium (Cr), total	µg/l	12	1.5	2.66667	9.1	2.00	3.30
Conductivity	µS/cm	12	420	688.33333	1069	696.00	996.00
Copper (Cu)	µg/l	2	2.4	2.85	3.3		
Copper (Cu), dissolved	µg/l	12	1.3	2.86667	7	2.50	4.30
Dissolved oxygen	mg/l	22	6.14	8.87318	12.91	8.57	6.44
Flow	m3/s	365	32.39	151.20592	689.78	106.72	341.67
Iron (Fe)	mg/l	2	0.29	0.32	0.35		
Lead (Pb)	µg/l	2	2.7	2.7	2.7		
Lead (Pb), dissolved	µg/l	12	1.5	1.875	3	1.60	2.40
Lindane (gama-HCH)	µg/l	1	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	11.43	22.54167	38.43	21.03	33.56
Manganese (Mn)	mg/l	1	0.036	0.036	0.036		
Mercury (Hg)	µg/l	2	0.06	0.066	0.072		
Mercury (Hg), dissolved	µg/l	12	0.031	0.04158	0.055	0.041	0.052
Nickel (Ni)	µg/l	2	1.8	1.85	1.9		
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.33333	1.8	1.40	1.60
Nitrate (NO3-N)	mg/l	24	0.6057	1.50357	3.9279	1.3063	1.9594
Nitrite (NO2-N)	mg/l	24	< 0.0015	0.03115	0.1262	0.0249	0.0449
Orthophosphate (PO4-P)	mg/l	24	< 0.005	0.03071	0.1027	0.0235	0.0551
Petroleum hydrocarbons	mg/l	1	12	12	12		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	40.28	40.28	40.28		
Potassium (K+)	mg/l	9	2.8	4.07778	8.2	8.20	8.20
Sodium (Na+)	mg/l	9	18.3	24.03333	38.5	38.50	38.50
Sulphate (SO4--)	mg/l	2	30.11	94.005	157.9		

River: Prut **Catchment:** 27480.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 5 m **RO11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	24	10	67.66667	284	31.00	146.00
Temperature	°C	24	1	13.5625	28	12.00	26.50
Total nitrogen	mg/l	24	1	2.05417	5.23	1.87	2.73
Total phosphorus	mg/l	24	< 0.009	0.08217	0.267	0.06	0.131
Zinc (Zn)	µg/l	2	2.9	3.35	3.8		
Zinc (Zn), dissolved	µg/l	12	1.9	2.63333	4	2.50	3.80
p,p'-DDT	µg/l	1	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.57	8.0325	8.27	8.04	7.94

River: Somes **Catchment:** 15780.00 km2 **2010**
Distance from mouth: 3 **Altitude:** m **RO12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	12	2.08	2.69583	3.3	2.61	3.24
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.18029	0.389	0.117	0.326
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.29	2.6925	5.7	2.15	4.47
COD (Cr)	mg/l	12	< 3.75	23.58583	42.6	23.00	33.41
COD (Mn)	mg/l	12	3.2	7.96642	16.96	6.86	12.71
Cadmium (Cd)	µg/l	12	< 0.05	0.72667	7.5	0.05	0.57
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.62917	6.5	0.05	0.55
Calcium (Ca++)	mg/l	12	39.631	49.77175	73.36	45.69	60.02
Chloride (Cl-)	mg/l	12	17.51	50.35167	84.87	39.06	80.37
Chromium (Cr) - total	µg/l	12	< 0.5	19.79167	29	20.00	28.00
Chromium (Cr), total	µg/l	12	< 0.5	17.875	26	18.00	26.00
Conductivity	µS/cm	12	289	502.58333	665	462.00	652.00
Copper (Cu)	µg/l	12	< 0.5	11.91	62.2	0.50	48.00
Copper (Cu), dissolved	µg/l	12	< 0.5	9.74417	48.2	0.50	45.00
Dissolved oxygen	mg/l	12	7.76	10.98917	13.8	11.21	8.32
Iron (Fe)	mg/l	12	0.032	0.07411	0.3923	0.043	0.074
Lead (Pb)	µg/l	12	< 0.15	1.85083	11.2	0.15	7.60
Lead (Pb), dissolved	µg/l	12	< 0.15	1.4825	11.2	0.15	3.80
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	3.69	11.20775	26.283	9.23	16.67
Manganese (Mn)	mg/l	12	< 0.015	0.0466	0.1772	0.015	0.12
Mercury (Hg), dissolved	µg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Nickel (Ni)	µg/l	12	< 0.5	1.28417	4.2	0.50	3.71
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.8075	4.19	0.50	0.50
Nitrate (NO3-N)	mg/l	12	0.46	0.63675	0.908	0.608	0.832
Nitrite (NO2-N)	mg/l	12	0.011	0.01917	0.028	0.018	0.025
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03625	0.096	0.034	0.053
Phenol index	mg/l	12	< 0.0025	0.00458	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	11	3	8.94545	23.1	7.10	17.80
Sulphate (SO4--)	mg/l	12	32.996	49.66358	71.366	47.128	67.73
Suspended solids	mg/l	12	33.6	130.74	272	117.60	259.60
Temperature	°C	11	1.7	11.73636	23.4	12.00	20.70
Total nitrogen	mg/l	4	1.156	2.9406	4.48	4.48	4.48
Total phosphorus	mg/l	12	0.07	0.14625	0.384	0.112	0.253
Zinc (Zn)	µg/l	12	< 0.5	23.45	188.9	0.50	50.00

River: **Somes** **Catchment:** **15780.00 km2** **2010**
Distance from mouth: **3** **Altitude:** **m** **RO12**
Location: **Middle**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn), dissolved	µg/l	12	< 0.5	19.08583	181.53	0.50	23.00
p,p'-DDT	µg/l	12	< 0.0005	0.00183	0.0025	0.0025	0.0025
pH	-	12	7.22	7.52417	7.96	7.46	7.30

River: Crisul Repede **Catchment:** 2413.00 km2 **2010**
Distance from mouth: 3 **Altitude:** m **RO13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	20	1.5	1.86	2.5	1.80	2.20
Ammonium (NH4-N)	mg/l	24	< 0.0125	0.14471	0.912	0.09	0.322
Arsenic (As)	µg/l	12	< 0.5	0.73333	1.6	0.50	1.40
Arsenic (As), dissolved	µg/l	18	< 0.5	0.77222	1.4	0.50	1.40
BOD (5)	mg/l	22	1.4	2.21818	3.6	2.00	3.40
COD (Cr)	mg/l	24	< 3.75	7.14583	23	3.75	12.00
COD (Mn)	mg/l	22	2	3.25909	7.4	3.10	4.40
Cadmium (Cd)	µg/l	12	0.25	0.25	0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	18	0.25	0.25	0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	27	33.975	45.5	33.90	36.10
Chloride (Cl-)	mg/l	12	5.4	9.41667	13.8	8.10	13.50
Chromium (Cr) - total	µg/l	12	< 0.5	0.7	1.9	0.50	1.50
Chromium (Cr), total	µg/l	18	< 0.5	0.54444	1.3	0.50	0.50
Conductivity	µS/cm	24	192	259.95833	370	251.00	316.00
Copper (Cu)	µg/l	12	1.4	2.96667	6.7	2.70	5.00
Copper (Cu), dissolved	µg/l	18	1.1	2.62778	5.5	2.40	5.00
Dissolved oxygen	mg/l	24	7.2	10.21292	13.8	9.70	8.20
Lead (Pb)	µg/l	12	0.5	0.86667	2.4	0.50	1.60
Lead (Pb), dissolved	µg/l	18	0.5	0.5	0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	2.5	6.35	9	6.30	8.40
Mercury (Hg)	µg/l	8	< 0.015	< 0.015	< 0.015	0.015	0.015
Mercury (Hg), dissolved	µg/l	1	< 0.015	< 0.015	< 0.015		
Nickel (Ni)	µg/l	12	< 0.5	0.6	1.7	0.50	0.50
Nickel (Ni), dissolved	µg/l	18	< 0.5	0.55556	1.5	0.50	0.50
Nitrate (NO3-N)	mg/l	24	0.4	0.89917	1.65	0.89	1.36
Nitrite (NO2-N)	mg/l	24	0.011	0.02625	0.06	0.017	0.049
Organic nitrogen	mg/l	24	< 0.02	0.25375	0.55	0.20	0.46
Orthophosphate (PO4-P)	mg/l	24	< 0.005	0.05971	0.231	0.047	0.126
Silicates (SiO2)	mg/l	12	4.3	9.45833	18.3	8.80	14.10
Suspended solids	mg/l	24	< 2.5	18.64583	48	14.00	36.00
Temperature	°C	24	2	12.875	25	11.40	22.70
Total nitrogen	mg/l	24	1	1.35075	2.43	1.17	1.83
Total phosphorus	mg/l	24	0.022	0.12421	0.445	0.095	0.252
Zinc (Zn)	µg/l	12	5	7.25	25	5.00	12.00
Zinc (Zn), dissolved	µg/l	18	5	5.77778	13	5.00	11.00
pH	-	24	7.63	8.01167	8.81	7.98	7.81

River: Crisul Negru **Catchment:** 3750.00 km2 **2010**
Distance from mouth: 13 **Altitude:** m **RO14**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.7	2.44167	3.2	2.50	2.80

Ammonium (NH4-N)	mg/l	20	< 0.0125	0.05028	0.2	0.026	0.118
Arsenic (As)	µg/l	12	< 0.5	1.03333	2.5	1.00	1.70
Arsenic (As), dissolved	µg/l	12	< 0.5	0.83333	2.3	0.50	1.30
Atrazine	µg/l	1	0.281	0.281	0.281		
BOD (5)	mg/l	14	1	2.54286	4.9	2.30	4.50
COD (Cr)	mg/l	16	< 3.75	12.1875	29	11.00	20.00
COD (Mn)	mg/l	16	1	4.79375	10.2	4.00	7.20
Cadmium (Cd)	µg/l	12	0.25	0.25	0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	0.25	0.25	0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	27.6	40.00833	49.9	39.10	47.20
Chloride (Cl-)	mg/l	12	5.1	7.28333	11.4	6.90	9.40
Chromium (Cr) - total	µg/l	12	< 0.5	0.68333	2.1	0.50	1.10
Chromium (Cr), total	µg/l	12	< 0.5	0.60833	1.8	0.50	0.50
Conductivity	µS/cm	16	215	288.8125	368	285.00	352.00
Copper (Cu)	µg/l	12	1.9	4.08333	10.5	3.10	6.00
Copper (Cu), dissolved	µg/l	12	1.7	3.34167	8.1	2.80	5.10
Dissolved oxygen	mg/l	14	5.2	9.17143	12.2	9.40	6.90
Lead (Pb)	µg/l	12	0.5	1.41667	3.4	1.10	2.60
Lead (Pb), dissolved	µg/l	12	0.5	0.55833	1.2	0.50	0.50
Lindane (gama-HCH)	µg/l	1	0.011	0.011	0.011		
Magnesium (Mg++)	mg/l	12	4.7	8.64167	13.2	8.20	11.00
Mercury (Hg)	µg/l	6	< 0.015	< 0.015	< 0.015	0.015	0.015
Nickel (Ni)	µg/l	12	< 0.5	1.59167	5.4	0.50	2.60
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.325	5.4	0.50	2.40
Nitrate (NO3-N)	mg/l	20	0.18	0.551	1.26	0.49	1.06
Nitrite (NO2-N)	mg/l	20	0.004	0.01685	0.09	0.01	0.031
Organic nitrogen	mg/l	20	0.08	0.511	1.63	0.40	1.06
Orthophosphate (PO4-P)	mg/l	20	< 0.005	0.0537	0.157	0.039	0.123
Silicates (SiO2)	mg/l	12	1.6	12.06667	22.9	11.70	19.40
Suspended solids	mg/l	20	7	42.65	205	30.00	79.00
Temperature	°C	16	3	13.6125	27.3	11.20	25.20
Total nitrogen	mg/l	20	1	1.27775	2.82	1.00	2.08
Total phosphorus	mg/l	20	< 0.009	0.1086	0.361	0.075	0.217
Zinc (Zn)	µg/l	12	5	11.08333	41	5.00	15.00
Zinc (Zn), dissolved	µg/l	12	5	6.41667	15	5.00	12.00
p,p'-DDT	µg/l	2	0.005	0.00705	0.0091		
pH	-	16	7.57	7.99063	8.24	8.02	7.76

River: Crisul Alb **Catchment:** 4240.00 km2 **2010**
Distance from mouth: 0 **Altitude:** m **RO15**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	1.7	2.66364	3.6	2.80	3.20
Ammonium (NH4-N)	mg/l	22	< 0.0125	0.10661	0.556	0.067	0.209
Arsenic (As)	µg/l	12	1.6	2.93333	5.1	2.20	4.70
Arsenic (As), dissolved	µg/l	12	1.4	2.34167	4.9	1.60	4.30
BOD (5)	mg/l	14	1.5	2.68571	5.2	2.30	4.70
COD (Cr)	mg/l	18	< 3.75	12.44444	27	11.00	24.00

COD (Mn)	mg/l	18	2	4.86667	9.6	4.30	8.20
Cadmium (Cd)	µg/l	12	0.25	0.25	0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	0.25	0.25	0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	28.1	39.69167	49.7	40.00	46.20
Chloride (Cl-)	mg/l	12	6.9	10.575	13.2	10.30	12.80
Chromium (Cr) - total	µg/l	12	< 0.5	2.23333	14	0.50	3.80
Chromium (Cr), total	µg/l	12	< 0.5	0.625	2	0.50	0.50
Conductivity	µS/cm	18	246	339.11111	432	345.00	428.00
Copper (Cu)	µg/l	12	2.7	8.075	20.4	4.40	17.70
Copper (Cu), dissolved	µg/l	12	2	4.71667	11.6	3.70	8.80
Dissolved oxygen	mg/l	18	6.2	8.93889	12.3	9.50	6.20
Lead (Pb)	µg/l	12	0.5	2.91667	14.1	1.70	3.90
Lead (Pb), dissolved	µg/l	12	0.5	0.5	0.5	0.50	0.50
Magnesium (Mg++)	mg/l	12	7.5	12.05	15.5	12.90	15.40
Mercury (Hg)	µg/l	6	< 0.015	0.0325	0.12	0.12	0.12
Mercury (Hg), dissolved	µg/l	1	< 0.015	< 0.015	< 0.015		
Nickel (Ni)	µg/l	12	< 0.5	2.05	6.9	0.50	3.70
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.24167	3.7	0.50	2.80
Nitrate (NO3-N)	mg/l	22	0.32	0.69045	1.39	0.64	0.99
Nitrite (NO2-N)	mg/l	22	0.006	0.01486	0.034	0.014	0.022
Organic nitrogen	mg/l	22	0.04	0.44864	1.52	0.33	0.82
Orthophosphate (PO4-P)	mg/l	22	0.024	0.08668	0.222	0.085	0.128
Silicates (SiO2)	mg/l	12	4	14.41667	19.9	14.60	19.90
Suspended solids	mg/l	22	7	54.59091	300	33.00	126.00
Temperature	°C	18	3	14.64444	25.2	15.60	25.00
Total nitrogen	mg/l	22	1	1.35418	2.9	1.111	2.41
Total phosphorus	mg/l	22	0.031	0.15418	0.335	0.144	0.268
Zinc (Zn)	µg/l	12	5	17	39	13.00	35.00
Zinc (Zn), dissolved	µg/l	12	5	6.41667	12	5.00	10.00
pH	-	18	7.68	8.03389	8.33	8.04	7.74

River: Mures **Catchment:** 27818.00 km2 **2010**
Distance from mouth: 21 **Altitude:** m **RO16**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.6	2.36667	2.7	2.40	2.70
Ammonium (NH4-N)	mg/l	24	< 0.0125	0.11042	0.459	0.083	0.208
Anionic active surfactants	mg/l	12	< 0.05	0.06323	0.2087	0.05	0.05
Arsenic (As)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
BOD (5)	mg/l	12	1.18	3.94167	5.97	3.85	5.59
COD (Cr)	mg/l	12	< 3.75	18.56667	72.6	8.70	50.10
COD (Mn)	mg/l	2	4.95	10.725	16.5		
Cadmium (Cd)	µg/l	12	< 0.05	0.266	0.721	0.223	0.604
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.06908	0.279	0.05	0.05
Calcium (Ca++)	mg/l	12	36.8	50.94167	64.3	51.20	56.80
Chloride (Cl-)	mg/l	12	38.079	53.83258	67.731	52.897	62.609
Chromium (Cr) - total	µg/l	12	< 0.5	9.39967	29.314	8.683	13.671

Chromium (Cr), total	µg/l	12	< 0.5	5.35692	23.604	3.981	7.013
Conductivity	µS/cm	12	466	533.25	729	515.00	558.00
Copper (Cu)	µg/l	12	2.728	11.874	32.927	7.226	28.679
Copper (Cu), dissolved	µg/l	12	1.044	6.04983	16.955	4.235	16.716
DOC	mg/l	3	6.65	7.2	7.64		
Dissolved oxygen	mg/l	12	7.05	9.8775	12.77	9.56	7.31
Iron (Fe)	mg/l	12	0.031	0.07042	0.135	0.047	0.119
Lead (Pb)	µg/l	12	< 0.15	3.06333	6.07	2.606	5.022
Lead (Pb), dissolved	µg/l	12	< 0.15	1.34667	3.213	1.395	2.632
Magnesium (Mg++)	mg/l	12	8.97	11.07392	14.57	10.37	12.91
Manganese (Mn)	mg/l	12	< 0.015	0.02483	0.068	0.015	0.049
Mercury (Hg)	µg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Mercury (Hg), dissolved	µg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Nickel (Ni)	µg/l	12	1.041	3.48583	6.584	3.081	5.042
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.74692	3.666	1.563	2.496
Nitrate (NO3-N)	mg/l	24	0.709	1.21504	1.54	1.21	1.49
Nitrite (NO2-N)	mg/l	24	0.006	0.01658	0.04	0.016	0.024
Orthophosphate (PO4-P)	mg/l	24	< 0.005	0.03946	0.137	0.036	0.067
Petroleum hydrocarbons	mg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Phenol index	mg/l	12	< 0.0025	0.00443	0.0182	0.0025	0.01
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.36	12.1	62.16	4.23	39.86
Potassium (K+)	mg/l	12	3.39	4.30667	5.38	4.15	4.97
Sodium (Na+)	mg/l	12	31.1	45.11667	64.2	40.70	57.20
Sulphate (SO4--)	mg/l	12	44.5	73.7725	123.1	66.50	101.20
Suspended solids	mg/l	24	< 2.5	140.425	403.2	75.80	388.20

River: Mures **Catchment:** 27818.00 km2 **2010**
Distance from mouth: 21 **Altitude:** m **RO16**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
TOC	mg/l	3	6.86	8.64667	11.46		
Temperature	°C	13	2	12.9	25	10.50	24.00
Total nitrogen	mg/l	24	1.34	3.20004	12.6	2.52	4.16
Total phosphorus	mg/l	24	< 0.009	0.12067	0.406	0.086	0.24
Zinc (Zn)	µg/l	12	< 0.5	55.20833	164	38.00	90.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	7.79167	42	0.50	29.00
pH	-	12	7.49	7.935	8.2	7.94	7.81

River: Bega **Catchment:** 2632.00 km2 **2010**
Distance from mouth: 7 **Altitude:** m **RO17**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.68	2.19333	2.6	2.15	2.50
Ammonium (NH4-N)	mg/l	12	1.5349	1.83206	2.2636	1.7829	2.1473
Arsenic (As)	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50
Arsenic (As), dissolved	µg/l	10	< 0.5	< 0.5	< 0.5	0.50	0.50

BOD (5)	mg/l	12	4.92	6.65917	9.42	6.20	9.15
COD (Cr)	mg/l	12	13.335	24.94333	39.68	20.47	35.62
Cadmium (Cd)	µg/l	12	< 0.05	0.22083	2.1	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	22.92	29.12833	33.64	29.36	33.19
Chloride (Cl-)	mg/l	12	11.34	17.7725	25.52	18.44	22.98
Chromium (Cr) - total	µg/l	12	< 0.5	4	16.6	0.50	16.50
Chromium (Cr), total	µg/l	12	< 0.5	2.99167	16.2	0.50	11.10
Conductivity	µS/cm	12	237	307.16667	391	297.00	345.00
Copper (Cu)	µg/l	12	< 0.5	5.70417	16	4.30	13.20
Copper (Cu), dissolved	µg/l	12	< 0.5	2.725	11.4	0.50	4.00
Dissolved oxygen	mg/l	12	3.57	6.4975	11.03	5.26	3.80
Iron (Fe)	mg/l	3	0.138	0.40167	0.787		
Lead (Pb)	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Lead (Pb), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	12	6.31	10.32167	16.64	9.81	13.47
Manganese (Mn)	mg/l	12	0.04	0.09808	0.247	0.058	0.162
Mercury (Hg)	µg/l	10	< 0.015	< 0.015	< 0.015	0.015	0.015
Mercury (Hg), dissolved	µg/l	10	< 0.015	< 0.015	< 0.015	0.015	0.015
Nickel (Ni)	µg/l	11	< 0.5	4.56	13.1	4.90	8.20
Nickel (Ni), dissolved	µg/l	12	< 0.5	3.25	9.7	0.50	6.20
Nitrate (NO3-N)	mg/l	12	< 0.09	0.44692	0.8198	0.3948	0.7773
Nitrite (NO2-N)	mg/l	12	0.0159	0.04595	0.0819	0.0348	0.0792
Orthophosphate (PO4-P)	mg/l	12	0.1513	0.2206	0.2941	0.2178	0.2908
Potassium (K+)	mg/l	12	1	3.58333	6	3.00	5.00
Silicates (SiO2)	mg/l	12	10.98	12.9125	14.41	12.32	14.30
Sodium (Na+)	mg/l	12	12	18.41667	26	18.00	21.00
Sulphate (SO4--)	mg/l	12	14.1	24.0805	42.42	22.15	27.90
Suspended solids	mg/l	12	< 2.5	37.5	82	38.00	74.00
TOC	mg/l	4	7.24	10.0625	15.54	15.54	15.54
Temperature	°C	12	2	12	23	11.00	22.00
Total nitrogen	mg/l	11	3.08	3.53818	4.2	3.36	4.20
Total phosphorus	mg/l	12	0.213	0.37658	0.712	0.326	0.528
Zinc (Zn)	µg/l	12	< 0.5	26.54583	62.6	19.70	61.30

River: Bega **Catchment:** 2632.00 km2 **2010**
Distance from mouth: 7 **Altitude:** m **RO17**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn), dissolved	µg/l	12	< 0.5	12.58	41.3	10.60	21.60
pH	-	12	6.7	7.4325	7.78	7.55	6.70

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	21	2.63	3.01048	3.57	3.00	3.53
Ammonium (NH4-N)	mg/l	24	0.062	0.12379	0.264	0.085	0.225
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	20	2.21	2.9595	3.25	3.00	3.00
COD (Cr)	mg/l	20	8.12	11.3535	17.81	10.25	14.35
COD (Mn)	mg/l	19	3.04	3.89789	5.37	3.58	4.79
Cadmium (Cd)	µg/l	12	< 0.05	0.26305	1.0896	0.05	0.565
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	10	51.82	62.259	70.89	70.89	70.89
Chloride (Cl-)	mg/l	19	12.76	19.06632	25.53	20.05	22.44
Chromium (Cr) - total	µg/l	12	< 0.5	1.93466	8.302	0.50	2.985
Chromium (Cr), total	µg/l	12	< 0.5	0.76283	2.4253	0.50	1.7287
Conductivity	µS/cm	20	353	424.35	505	425.00	463.00
Copper (Cu)	µg/l	12	< 0.5	3.15333	6.353	2.79	6.009
Copper (Cu), dissolved	µg/l	12	< 0.5	1.56661	4.316	0.50	3.44
Dissolved oxygen	mg/l	21	5.3	9.17714	14.08	8.88	7.09
Iron (Fe)	mg/l	9	0.09	0.42822	1.303	1.303	1.303
Lead (Pb)	µg/l	12	< 0.15	2.03217	8.916	0.15	4.23
Lead (Pb), dissolved	µg/l	12	< 0.15	0.32613	2.2635	0.15	0.15
Magnesium (Mg++)	mg/l	10	9.7	17.557	25.22	25.22	25.22
Manganese (Mn)	mg/l	9	< 0.015	0.03138	0.1463	0.1463	0.1463
Mercury (Hg)	µg/l	12	< 0.015	0.03008	0.092	0.015	0.092
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.02517	0.076	0.015	0.076
Nickel (Ni)	µg/l	12	< 0.5	1.5581	5.098	0.50	5.0507
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.71618	3.0942	0.50	0.50
Nitrate (NO3-N)	mg/l	24	0.81	1.46746	3.412	1.243	2.101
Nitrite (NO2-N)	mg/l	24	0.003	0.02112	0.051	0.019	0.038
Orthophosphate (PO4-P)	mg/l	24	0.03	0.13967	0.7	0.08	0.27
Petroleum hydrocarbons	mg/l	2	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	2.6	6.035	10.65	10.65	10.65
Potassium (K+)	mg/l	9	2	2.66667	3	3.00	3.00
Sodium (Na+)	mg/l	9	16	18.88889	22	22.00	22.00
Sulphate (SO4--)	mg/l	19	23.9	37.81842	104.8	33.11	45.25
Suspended solids	mg/l	24	18	35.375	58	33.00	48.00
Temperature	°C	24	1.5	13.325	26.6	11.50	24.50
Total phosphorus	mg/l	24	0.078	0.18396	0.75	0.112	0.30

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn)	µg/l	12	11.191	64.73	101.896	66.75	101.858
Zinc (Zn), dissolved	µg/l	12	5.363	27.52708	59.432	18.00	52.30
pH	-	24	7.25	7.6925	8.19	7.65	7.34

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	20	2.54	2.981	3.59	2.90	3.48
Ammonium (NH4-N)	mg/l	23	0.052	0.09339	0.303	0.077	0.139
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	19	2.65	2.97	3	3.00	3.00
COD (Cr)	mg/l	19	< 3.75	10.66842	21.53	10.26	15.83
COD (Mn)	mg/l	17	3.03	3.87471	5.25	3.67	4.83
Cadmium (Cd)	µg/l	11	< 0.05	0.23487	0.603	0.1779	0.471
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.05962	0.1558	0.05	0.05
Calcium (Ca++)	mg/l	10	50.2	59.004	69.28	69.28	69.28
Chloride (Cl-)	mg/l	19	12.89	19.25	25.53	19.95	22.44
Chromium (Cr) - total	µg/l	11	< 0.5	2.0974	4.9114	1.673	3.371
Chromium (Cr), total	µg/l	11	< 0.5	0.715	1.742	0.50	1.623
Conductivity	µS/cm	20	357	417.15	489	410.00	457.00
Copper (Cu)	µg/l	11	< 0.5	2.86392	6.372	2.265	4.721
Copper (Cu), dissolved	µg/l	11	< 0.5	1.21283	2.808	0.50	2.335
Dissolved oxygen	mg/l	20	5.35	8.845	13.62	8.54	5.44
Iron (Fe)	mg/l	8	0.08	0.277	0.733	0.733	0.733
Lead (Pb)	µg/l	11	< 0.15	1.53304	3.2994	0.15	3.241
Lead (Pb), dissolved	µg/l	11	< 0.15	0.16631	0.3294	0.15	0.15
Magnesium (Mg++)	mg/l	10	5.82	18.042	30.07	30.07	30.07
Manganese (Mn)	mg/l	8	< 0.015	0.02163	0.068	0.068	0.068
Mercury (Hg)	µg/l	11	< 0.015	0.02645	0.102	0.015	0.054
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.01782	0.046	0.015	0.015
Nickel (Ni)	µg/l	11	< 0.5	0.85645	3.581	0.50	1.3399
Nickel (Ni), dissolved	µg/l	11	< 0.5	0.57041	1.2745	0.50	0.50
Nitrate (NO3-N)	mg/l	23	0.506	1.36396	3.209	1.15	2.056
Nitrite (NO2-N)	mg/l	23	< 0.0015	0.0198	0.045	0.018	0.035
Orthophosphate (PO4-P)	mg/l	23	< 0.005	0.06826	0.19	0.066	0.12
Petroleum hydrocarbons	mg/l	2	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	3.19	4.5525	7.93	7.93	7.93
Potassium (K+)	mg/l	9	2	2.77778	4	4.00	4.00
Sodium (Na+)	mg/l	9	15	18.44444	22	22.00	22.00
Sulphate (SO4--)	mg/l	19	25.54	35.59737	81	32.97	42.81
Suspended solids	mg/l	23	21	33.69565	48	35.00	45.00
Temperature	°C	23	1	13.74348	26.5	13.40	24.20
Total phosphorus	mg/l	23	0.067	0.11465	0.245	0.101	0.163

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Zinc (Zn)	µg/l	11	15.6	64.70073	117.68	70.691	92.10
Zinc (Zn), dissolved	µg/l	11	10.3	25.37409	50.5	18.40	49.883
pH	-	23	7.38	7.76174	8.17	7.84	7.41

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	20	2.57	3.0095	3.61	3.00	3.50
Ammonium (NH4-N)	mg/l	23	0.052	0.09804	0.24	0.083	0.155
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	19	1.76	2.95579	3.4	3.00	3.00
COD (Cr)	mg/l	19	< 3.75	10.89474	15.36	11.71	13.85
COD (Mn)	mg/l	18	3.04	3.79833	5.36	3.53	4.91
Cadmium (Cd)	µg/l	11	< 0.05	0.24443	0.8484	0.05	0.658
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.05665	0.1232	0.05	0.05
Calcium (Ca++)	mg/l	10	50.2	62.075	82.17	82.17	82.17
Chloride (Cl-)	mg/l	19	8.59	19.34632	25.53	20.05	22.44
Chromium (Cr) - total	µg/l	11	< 0.5	1.57764	3.27	1.58	2.831
Chromium (Cr), total	µg/l	11	< 0.5	0.61227	1.735	0.50	0.50
Conductivity	µS/cm	20	357	422.7	490	418.00	477.00
Copper (Cu)	µg/l	11	< 0.5	4.43673	9.748	3.50	6.281
Copper (Cu), dissolved	µg/l	11	< 0.5	1.48884	2.981	1.68	2.5298
Dissolved oxygen	mg/l	20	5.36	8.9275	13.55	8.64	5.62
Iron (Fe)	mg/l	8	0.1	0.29938	0.75	0.75	0.75
Lead (Pb)	µg/l	11	< 0.15	1.49363	4.7869	0.15	3.853
Lead (Pb), dissolved	µg/l	11	< 0.15	0.16433	0.3076	0.15	0.15
Magnesium (Mg++)	mg/l	10	8.73	18.43	32.98	32.98	32.98
Manganese (Mn)	mg/l	8	< 0.015	0.02699	0.0666	0.0666	0.0666
Mercury (Hg)	µg/l	11	< 0.015	0.02382	0.096	0.015	0.031
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.01836	0.052	0.015	0.015
Nickel (Ni)	µg/l	11	< 0.5	0.58229	1.4052	0.50	0.50
Nickel (Ni), dissolved	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	23	0.729	1.42074	3.299	1.33	2.214
Nitrite (NO2-N)	mg/l	23	< 0.0015	0.01995	0.048	0.019	0.036
Orthophosphate (PO4-P)	mg/l	23	0.044	0.12026	0.5	0.097	0.203
Petroleum hydrocarbons	mg/l	2	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.01	3.9498	8.169	8.169	8.169
Potassium (K+)	mg/l	9	1	2.66667	4	4.00	4.00
Sodium (Na+)	mg/l	9	15	18.77778	22	22.00	22.00
Sulphate (SO4--)	mg/l	19	15.06	38.75579	132	35.15	69.80
Suspended solids	mg/l	23	22	35.34783	69	34.00	47.00
Temperature	°C	23	1.5	13.82609	26.5	13.50	24.30
Total phosphorus	mg/l	23	0.073	0.15965	0.63	0.125	0.258

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** m **RO18**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn)	µg/l	11	17.7	67.72336	173.93	63.10	101.89
Zinc (Zn), dissolved	µg/l	11	14.2	30.67645	63.33	29.45	62.061
pH	-	23	7.38	7.7787	8.23	7.88	7.43

River: Jiu **Catchment:** 10046.00 km2 **2010**
Distance from mouth: 9 **Altitude:** m **RO19**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	3	27	29.66667	32		
Alkalinity - total	mmol/l	12	1.57	2.14033	2.75	2.19	2.42
Ammonium (NH4-N)	mg/l	12	0.067	0.17881	0.232	0.186	0.216
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	< 0.5	1.71667	2.7	2.10	2.60
Arsenic (As), dissolved	µg/l	12	< 0.5	0.89167	2.2	0.50	2.10
BOD (5)	mg/l	12	2.3	3.93083	6.1	3.60	5.20
COD (Cr)	mg/l	12	< 3.75	12.05417	16.7	11.40	15.80
COD (Mn)	mg/l	9	2.94	4.93556	8.6	3.84	5.95
Cadmium (Cd)	µg/l	12	< 0.05	0.06417	0.22	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	29.44	41.29167	53.29	39.70	52.80
Chloride (Cl-)	mg/l	12	9.4	15.65417	23.28	15.79	19.79
Chromium (Cr) - total	µg/l	12	1.4	2.84167	10	1.60	6.70
Chromium (Cr), total	µg/l	12	< 0.5	1.13333	1.8	1.10	1.60
Conductivity	µS/cm	12	228	285.25	339	274.00	320.00
Copper (Cu)	µg/l	12	2.8	8.125	12.4	8.10	11.70
Copper (Cu), dissolved	µg/l	12	1.8	4.73333	8.2	4.30	7.10
Dissolved oxygen	mg/l	12	5.66	9.635	12.37	9.51	7.28
Iron (Fe)	mg/l	12	0.158	0.31486	1.042	0.2117	0.482
Lead (Pb)	µg/l	12	0.47	1.60583	4.2	1.20	3.70
Lead (Pb), dissolved	µg/l	12	< 0.15	0.37667	0.73	0.36	0.60
Magnesium (Mg++)	mg/l	12	5.879	8.12325	11.2	7.88	10.66
Manganese (Mn)	mg/l	12	0.034	0.05518	0.098	0.041	0.076
Mercury (Hg)	µg/l	12	0.13	0.26417	0.56	0.19	0.45
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.13925	0.26	0.12	0.21
Nickel (Ni)	µg/l	12	< 0.5	2.28333	7.2	1.70	3.80
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.05	2.3	0.50	2.10
Nitrate (NO3-N)	mg/l	12	< 0.09	1.26029	1.853	1.28	1.726
Nitrite (NO2-N)	mg/l	12	0.007	0.02117	0.029	0.023	0.026
Orthophosphate (PO4-P)	mg/l	12	0.0419	0.05266	0.071	0.05	0.066
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.14	29.362	48.79	48.79	48.79
Potassium (K+)	mg/l	12	1.7	1.975	2.4	1.90	2.30
Sodium (Na+)	mg/l	12	14.8	18.58333	22.8	18.30	21.40

Sulphate (SO4--)	mg/l	12	34.56	42.0325	55.06	39.28	49.81
Suspended solids	mg/l	12	26	90.5	243	34.00	236.00
Temperature	°C	12	3	13.66667	30	9.00	28.00

River: Jiu **Catchment:** 10046.00 km2 **2010**
Distance from mouth: 9 **Altitude:** m **RO19**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	6	1.45	1.75083	1.98	1.98	1.98
Total phosphorus	mg/l	12	0.06	0.07533	0.099	0.072	0.093
Zinc (Zn)	µg/l	12	4.5	11.24167	29	7.80	23.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	4.98333	11	3.90	10.00
pH	-	12	7.21	7.5175	7.84	7.46	7.37

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	21	2.61	2.98476	3.55	2.98	3.48
Ammonium (NH4-N)	mg/l	24	0.047	0.09992	0.225	0.083	0.163
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	19	1.49	2.85316	3	3.00	3.00
COD (Cr)	mg/l	19	8.41	10.90737	15.36	10.82	13.85
COD (Mn)	mg/l	17	3.1	3.95353	4.91	3.59	4.87
Cadmium (Cd)	µg/l	12	< 0.05	0.28721	1.661	0.05	0.64
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.1208	0.8996	0.05	0.05
Calcium (Ca++)	mg/l	9	48.58	57.28444	65.73	65.73	65.73
Chloride (Cl-)	mg/l	20	8.95	19.2215	25.53	20.30	22.09
Chromium (Cr) - total	µg/l	12	< 0.5	1.49417	3.2	0.50	3.011
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	20	361	423.4	529	414.00	476.00
Copper (Cu)	µg/l	12	< 0.5	2.96216	5.232	2.995	4.78
Copper (Cu), dissolved	µg/l	12	< 0.5	1.42548	2.459	1.716	1.958
Dissolved oxygen	mg/l	21	6.29	9.18143	13.55	9.00	7.04
Flow	m3/s	365	3990	7423.8630	12840	6900.00	10860.00
Iron (Fe)	mg/l	9	0.11	0.45033	1.34	1.34	1.34
Lead (Pb)	µg/l	12	< 0.15	0.68717	3.731	0.15	3.015
Lead (Pb), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	9	6.79	17.24444	23.28	23.28	23.28
Manganese (Mn)	mg/l	9	< 0.015	0.03226	0.1273	0.1273	0.1273
Mercury (Hg)	µg/l	12	< 0.015	0.03225	0.096	0.015	0.092
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.02317	0.076	0.015	0.052
Nickel (Ni)	µg/l	12	< 0.5	0.87517	5.002	0.50	0.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50

Nitrate (NO3-N)	mg/l	24	0.745	1.52613	3.32	1.29	2.395
Nitrite (NO2-N)	mg/l	24	< 0.0015	0.02177	0.045	0.019	0.039
Orthophosphate (PO4-P)	mg/l	24	0.037	0.11325	0.57	0.08	0.23
Petroleum hydrocarbons	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.25	5.586	10.41	10.41	10.41
Potassium (K+)	mg/l	8	2	2.625	3	3.00	3.00
Sodium (Na+)	mg/l	8	14	18.375	22	22.00	22.00
Sulphate (SO4--)	mg/l	20	22.48	35.886	110	31.94	40.25
Suspended solids	mg/l	24	23	37.16667	63	35.00	49.00
Temperature	°C	24	1.5	13.80417	29	11.00	26.00

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	24	0.073	0.15546	0.6	0.113	0.27
Zinc (Zn)	µg/l	12	14.6	65.74833	162.71	62.60	98.60
Zinc (Zn), dissolved	µg/l	12	7.351	29.74842	54.2	27.40	51.23
pH	-	24	7.43	7.71625	7.97	7.69	7.44

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	20	2.61	2.9765	3.5	2.90	3.44
Ammonium (NH4-N)	mg/l	23	0.033	0.0903	0.162	0.088	0.142
Anionic active surfactants	mg/l	3	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	18	1.44	2.91333	3	3.00	3.00
COD (Cr)	mg/l	18	7.5	10.84889	22.56	10.08	15.83
COD (Mn)	mg/l	15	3.2	4.002	5	3.87	4.83
Cadmium (Cd)	µg/l	11	< 0.05	0.26429	0.765	0.329	0.451
Cadmium (Cd), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	8	50.2	58.85375	69.28	69.28	69.28
Chloride (Cl-)	mg/l	19	9.3	19.23368	24.82	19.95	22.80
Chromium (Cr) - total	µg/l	11	< 0.5	1.61553	3.725	1.6523	2.931
Chromium (Cr), total	µg/l	11	< 0.5	0.75782	1.576	0.50	1.55
Conductivity	µS/cm	19	364	420.57895	493	417.00	485.00
Copper (Cu)	µg/l	11	1.816	3.28126	6.013	3.29	4.7666
Copper (Cu), dissolved	µg/l	11	< 0.5	1.1754	3.275	0.50	2.5917
Dissolved oxygen	mg/l	20	5.8	8.78	13.09	8.42	6.38
Flow	m3/s	365	3990	7423.8630	12840	6900.00	10860.00
Iron (Fe)	mg/l	8	0.1	0.2989	0.8462	0.8462	0.8462
Lead (Pb)	µg/l	11	< 0.15	1.97459	5.9346	0.15	4.05
Lead (Pb), dissolved	µg/l	11	< 0.15	< 0.15	< 0.15	0.15	0.15

Magnesium (Mg ⁺⁺)	mg/l	8	14.55	18.30875	25.22	25.22	25.22
Manganese (Mn)	mg/l	8	< 0.015	0.03369	0.1021	0.1021	0.1021
Mercury (Hg)	µg/l	11	< 0.015	0.02973	0.132	0.015	0.044
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.01891	0.058	0.015	0.015
Nickel (Ni)	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	23	0.79	1.45648	3.41	1.31	2.237
Nitrite (NO ₂ -N)	mg/l	23	< 0.0015	0.02226	0.048	0.019	0.039
Orthophosphate (PO ₄ -P)	mg/l	23	0.04	0.07591	0.2	0.068	0.113
Petroleum hydrocarbons	mg/l	3	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.48	5.986	13.49	13.49	13.49
Potassium (K ⁺)	mg/l	7	1	2.57143	3	3.00	3.00
Sodium (Na ⁺)	mg/l	7	16	18.85714	23	23.00	23.00
Sulphate (SO ₄ ⁻⁻)	mg/l	19	17.25	37.31421	111	33.80	44.33
Suspended solids	mg/l	23	21	36.43478	63	35.00	52.00
Temperature	°C	23	1	14.30435	29	12.00	25.50

River: Danube **Catchment:** 580100.00 km² **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	23	0.08	0.12426	0.24	0.107	0.21
Zinc (Zn)	µg/l	11	11.6	57.94745	126.86	63.15	79.30
Zinc (Zn), dissolved	µg/l	11	5.3	25.27727	50.08	25.09	38.13
pH	-	23	7.35	7.79174	8.27	7.82	7.50

River: Danube **Catchment:** 580100.00 km² **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	19	2.63	2.98211	3.57	2.96	3.48
Ammonium (NH ₄ -N)	mg/l	22	0.049	0.09605	0.165	0.085	0.16
Anionic active surfactants	mg/l	3	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	17	1.99	2.95588	3.22	3.00	3.04
COD (Cr)	mg/l	17	8.9	10.91882	15.74	10.26	13.85
COD (Mn)	mg/l	16	3.04	3.95	4.95	3.92	4.74
Cadmium (Cd)	µg/l	11	< 0.05	0.3638	1.27	0.332	0.66
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.07555	0.331	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	8	49.45	56.62625	62.83	62.83	62.83
Chloride (Cl ⁻)	mg/l	18	13.96	19.58944	23.15	20.76	22.68
Chromium (Cr) - total	µg/l	11	< 0.5	1.69791	4.073	1.62	3.257
Chromium (Cr), total	µg/l	11	< 0.5	0.70545	1.64	0.50	1.62
Conductivity	µS/cm	18	362	423.88889	491	420.00	491.00
Copper (Cu)	µg/l	11	1.97	4.30427	9.748	3.29	7.375

Copper (Cu), dissolved	µg/l	11	< 0.5	1.6201	3.5186	1.65	3.102
Dissolved oxygen	mg/l	19	5.96	8.92737	13.97	8.51	6.49
Flow	m3/s	365	3990	7423.8630	12840	6900.00	10860.00
Iron (Fe)	mg/l	8	0.08	0.33888	0.895	0.895	0.895
Lead (Pb)	µg/l	11	< 0.15	0.78745	4.11	0.15	3.202
Lead (Pb), dissolved	µg/l	11	< 0.15	< 0.15	< 0.15	0.15	0.15
Magnesium (Mg++)	mg/l	8	8.73	21.5825	33.95	33.95	33.95
Manganese (Mn)	mg/l	8	< 0.015	0.02831	0.0864	0.0864	0.0864
Mercury (Hg)	µg/l	11	< 0.015	0.02473	0.102	0.015	0.035
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.01827	0.051	0.015	0.015
Nickel (Ni)	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	22	0.77	1.45355	2.712	1.42	2.124
Nitrite (NO2-N)	mg/l	22	< 0.0015	0.0203	0.045	0.018	0.037
Orthophosphate (PO4-P)	mg/l	22	0.02	0.09177	0.26	0.084	0.144
Petroleum hydrocarbons	mg/l	3	< 0.005	< 0.005	< 0.005		
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.36	4.944	12.07	12.07	12.07
Potassium (K+)	mg/l	7	1	2.57143	3	3.00	3.00
Sodium (Na+)	mg/l	7	15	18.57143	22	22.00	22.00
Sulphate (SO4--)	mg/l	18	23.7	39.68722	140	33.31	57.41
Suspended solids	mg/l	22	20	36.27273	57	36.00	51.00
Temperature	°C	22	1.5	14.09091	29	12.00	26.00

River: Danube **Catchment:** 580100.00 km2 **2010**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	22	0.07	0.13986	0.29	0.116	0.27
Zinc (Zn)	µg/l	11	14.7	67.60691	191.013	56.50	88.30
Zinc (Zn), dissolved	µg/l	11	8.6	27.43509	59.48	26.49	49.116
pH	-	22	7.14	7.70182	8.09	7.77	7.45

River: Olt **Catchment:** 24050.00 km2 **2010**
Distance from mouth: 3 **Altitude:** m **RO20**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	1.769	2.01409	2.366	2.01	2.285
Ammonium (NH4-N)	mg/l	11	0.033	0.39945	0.831	0.401	0.61
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
BOD (5)	mg/l	11	1.01	1.78364	4.06	1.61	2.00
COD (Cr)	mg/l	11	16.16	31.35636	54	32.48	41.40
COD (Mn)	mg/l	10	2.535	3.8738	5.126	3.886	4.567
Calcium (Ca++)	mg/l	9	48	65.91667	84.3	84.30	84.30
Chloride (Cl-)	mg/l	11	62.09	96.70364	151.63	90.31	146.67
Conductivity	µS/cm	11	406	555.63636	768	511.00	724.00
Dissolved oxygen	mg/l	11	6.01	7.99909	10.92	7.99	6.84

Iron (Fe)	mg/l	10	0.098	0.4232	1.664	1.664	1.664
Magnesium (Mg++)	mg/l	9	4.07	7.11811	9.92	9.92	9.92
Manganese (Mn)	mg/l	6	< 0.015	0.01933	0.041	0.041	0.041
Nitrate (NO3-N)	mg/l	11	< 0.09	0.67355	1.329	0.576	1.145
Nitrite (NO2-N)	mg/l	11	0.013	0.02536	0.036	0.026	0.034
Orthophosphate (PO4-P)	mg/l	11	< 0.005	0.03736	0.119	0.027	0.065
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	14.02	17.985	21.95		
Silicates (SiO2)	mg/l	9	6.75	8.88444	11.47	11.47	11.47
Sulphate (SO4--)	mg/l	11	13	24.81818	33.4	26.60	28.80
Suspended solids	mg/l	11	8	17.76364	29	17.00	25.60
Temperature	°C	11	2.2	15.86364	28.1	15.70	26.10
Total nitrogen	mg/l	11	1	1.58818	2.312	1.541	2.161
Total phosphorus	mg/l	11	< 0.009	0.06927	0.191	0.059	0.116
pH	-	11	6.46	7.28636	7.84	7.40	6.78

River: Lalomita **Catchment:** 10309.00 km2 **2010**
Distance from mouth: 24 **Altitude:** m **RO21**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.98	3.70083	4.37	3.73	4.26
Ammonium (NH4-N)	mg/l	23	0.058	0.77735	2.848	0.645	1.364
Anionic active surfactants	mg/l	6	< 0.05	0.06467	0.138	0.138	0.138
BOD (5)	mg/l	11	1.5	3.64455	8.58	3.20	8.42
COD (Cr)	mg/l	11	9	53.11818	68.64	54.40	68.30
Chloride (Cl-)	mg/l	5	141	157.5	171.6	171.60	171.60
Conductivity	µS/cm	9	783	1031	1298	1298.00	1298.00
Copper (Cu)	µg/l	1	4.1	4.1	4.1		
Dissolved oxygen	mg/l	12	4.93	7.2975	10.73	7.04	5.49
Iron (Fe)	mg/l	6	0.05	0.18	0.34	0.34	0.34
Macrozoobenthos sapr. index	-	2	2.31	2.455	2.6		
Manganese (Mn)	mg/l	6	0.082	0.22817	0.404	0.404	0.404
Nitrate (NO3-N)	mg/l	23	1.469	2.46691	4.109	2.168	3.718
Nitrite (NO2-N)	mg/l	23	0.005	0.06752	0.168	0.062	0.119
Orthophosphate (PO4-P)	mg/l	23	0.018	0.07943	0.268	0.057	0.151
Phenol index	mg/l	6	0.005	0.02908	0.0897	0.0897	0.0897
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	2.96	6.53667	9.25		
Suspended solids	mg/l	23	94	878.78261	3493	479.00	2280.00
Temperature	°C	22	< 0.05	13.41136	25	15.00	21.00
Total phosphorus	mg/l	23	0.039	0.189	0.422	0.189	0.302
Zinc (Zn)	µg/l	1	25	25	25		
pH	-	12	7.1	7.55	8	7.50	7.20

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.75	3.098	3.593	2.98	3.45
Ammonium (NH4-N)	mg/l	12	0.0946	0.1617	0.196	0.165	0.1954
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	< 0.005	2.78375	4.6	2.50	4.00
Arsenic (As), dissolved	µg/l	12	< 0.005	1.51083	4	0.005	3.80
Atrazine	µg/l	1	0.0464	0.0464	0.0464		
BOD (5)	mg/l	12	2.4	3.98667	6.3	3.50	5.74
COD (Cr)	mg/l	12	7.8	12.69167	16.8	12.80	16.40
COD (Mn)	mg/l	8	3.2	4.40375	5.76	3.84	5.12
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	49.9	55.83667	63.6	54.16	62.15
Chloride (Cl-)	mg/l	12	18.44	24.26917	28.78	24.00	28.00
Chromium (Cr) - total	µg/l	12	1.6	2.43333	3.7	2.30	3.40
Chromium (Cr), total	µg/l	12	< 0.5	1.51667	2.9	1.60	2.00
Conductivity	µS/cm	12	330	371.08333	407	363.00	406.00
Copper (Cu)	µg/l	12	2.7	8.725	13.2	8.30	11.70
Copper (Cu), dissolved	µg/l	12	2.1	5.825	11	5.40	8.30
Dissolved oxygen	mg/l	12	6.96	9.61583	12.34	8.70	7.97
Iron (Fe)	mg/l	12	0.187	0.26898	0.383	0.241	0.356
Lead (Pb)	µg/l	12	0.68	1.335	2.2	1.30	2.20
Lead (Pb), dissolved	µg/l	12	< 0.15	0.41583	0.63	0.41	0.60
Lindane (gama-HCH)	µg/l	1	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	10	11.45	13.6	10.89	12.72
Manganese (Mn)	mg/l	12	0.038	0.05867	0.108	0.053	0.074
Mercury (Hg)	µg/l	12	< 0.015	0.18442	0.37	0.19	0.25
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.13667	0.27	0.13	0.20
Nickel (Ni)	µg/l	12	2.3	2.94167	4.5	2.40	4.20
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.13333	3.5	2.10	3.10
Nitrate (NO3-N)	mg/l	12	1.252	1.45183	1.627	1.421	1.597
Nitrite (NO2-N)	mg/l	12	0.012	0.02458	0.037	0.025	0.032
Orthophosphate (PO4-P)	mg/l	12	0.034	0.05749	0.083	0.056	0.066
Petroleum hydrocarbons	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	2.32	3.4775	6.03	6.03	6.03
Potassium (K+)	mg/l	12	2.1	2.325	2.7	2.30	2.60
Silicates (SiO2)	mg/l	6	5.2	10.01667	18.3	18.30	18.30
Sodium (Na+)	mg/l	12	19.3	21.65833	24.1	21.20	23.80
Sulphate (SO4--)	mg/l	12	35.2	39.29917	48.52	38.30	43.27

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	12	25	36.83333	79	32.00	44.00
Temperature	°C	12	< 0.05	13.92083	26	14.00	26.00
Total nitrogen	mg/l	10	1.796	1.9996	2.23	2.23	2.23
Total phosphorus	mg/l	12	0.048	0.08175	0.116	0.078	0.092

Zinc (Zn)	µg/l	12	3.7	11.03333	24	9.20	19.00
Zinc (Zn), dissolved	µg/l	12	3	6.1	12	5.10	8.00
p,p'-DDT	µg/l	1	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.11	7.6025	8.05	7.51	7.14

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.69	2.97845	3.51	2.86	3.33
Ammonium (NH4-N)	mg/l	11	0.103	0.16498	0.362	0.158	0.168
Anionic active surfactants	mg/l	11	< 0.05	0.05545	0.11	0.05	0.05
Arsenic (As)	µg/l	11	2	3.28182	4.5	3.40	4.10
Arsenic (As), dissolved	µg/l	11	< 0.005	2.31	4	2.30	3.80
BOD (5)	mg/l	11	2.6	3.94727	6.6	3.80	5.42
COD (Cr)	mg/l	11	8.4	12.55455	17.6	11.60	15.20
COD (Mn)	mg/l	7	3.45	4.29429	5.12	3.71	4.99
Cadmium (Cd)	µg/l	11	< 0.05	0.10091	0.44	0.05	0.22
Cadmium (Cd), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	11	47.44	53.34727	61.65	51.40	59.40
Chloride (Cl-)	mg/l	11	17.3	21.59818	25.86	21.59	24.92
Chromium (Cr) - total	µg/l	11	1.7	2.93636	7.6	2.50	3.20
Chromium (Cr), total	µg/l	11	< 0.5	1.46364	2.6	1.80	2.10
Conductivity	µS/cm	11	319	350.63636	387	351.00	381.00
Copper (Cu)	µg/l	11	3.9	10.56364	15	12.00	14.00
Copper (Cu), dissolved	µg/l	11	2.5	5.65455	9.4	6.40	7.80
Dissolved oxygen	mg/l	11	7.05	9.44273	11.87	8.86	7.69
Iron (Fe)	mg/l	11	0.156	0.22468	0.354	0.198	0.299
Lead (Pb)	µg/l	11	0.83	1.69273	4.3	1.20	2.50
Lead (Pb), dissolved	µg/l	11	< 0.15	0.49182	0.84	0.45	0.84
Lindane (gama-HCH)	µg/l	1	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	11	9.49	10.79727	12.33	10.50	12.20
Manganese (Mn)	mg/l	11	0.034	0.04473	0.061	0.042	0.057
Mercury (Hg)	µg/l	11	0.13	0.24182	0.55	0.23	0.34
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.15136	0.27	0.14	0.22
Nickel (Ni)	µg/l	11	1.9	3.43636	8.9	2.90	5.00
Nickel (Ni), dissolved	µg/l	11	< 0.5	2.20909	3.6	2.20	3.30
Nitrate (NO3-N)	mg/l	11	1.227	1.36925	1.544	1.3507	1.511
Nitrite (NO2-N)	mg/l	11	0.01	0.02145	0.033	0.021	0.028
Orthophosphate (PO4-P)	mg/l	11	0.0398	0.05189	0.066	0.051	0.061
Petroleum hydrocarbons	mg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	4	2.01	3.2525	4.73	4.73	4.73
Potassium (K+)	mg/l	11	1.8	2.00909	2.4	2.10	2.20
Silicates (SiO2)	mg/l	6	4.6	8.85	13.3	13.30	13.30
Sodium (Na+)	mg/l	11	17.4	19.87273	22.1	19.80	22.00
Sulphate (SO4--)	mg/l	11	32.45	36.41091	44.07	35.34	39.54
Suspended solids	mg/l	11	23	33.45455	72	28.00	39.00

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	11	2	15.09091	26	14.50	25.00
Total nitrogen	mg/l	10	1.67	1.844	2.09	2.09	2.09
Total phosphorus	mg/l	11	0.057	0.07391	0.092	0.072	0.085
Zinc (Zn)	µg/l	11	6.8	11.56364	17	10.60	16.00
Zinc (Zn), dissolved	µg/l	11	< 0.5	4.94545	9.8	4.80	6.90
pH	-	11	7.3	7.68727	8.02	7.71	7.31

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.7	3.04364	3.57	2.98	3.41
Ammonium (NH4-N)	mg/l	11	0.121	0.16149	0.232	0.162	0.1829
Anionic active surfactants	mg/l	11	< 0.05	0.05455	0.1	0.05	0.05
Arsenic (As)	µg/l	11	< 0.005	3.36409	5.6	3.40	4.80
Arsenic (As), dissolved	µg/l	11	< 0.005	2.18318	4.2	2.50	4.10
BOD (5)	mg/l	11	2.7	4.21909	6.8	3.90	6.20
COD (Cr)	mg/l	11	9.1	13.79091	18.4	13.40	17.40
COD (Mn)	mg/l	7	3.52	4.54857	5.44	3.77	5.05
Cadmium (Cd)	µg/l	11	< 0.05	0.11182	0.35	0.05	0.27
Cadmium (Cd), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	11	47.44	54.45455	62.7	52.57	60.41
Chloride (Cl-)	mg/l	11	18.08	22.48818	27.37	21.80	25.92
Chromium (Cr) - total	µg/l	11	1.7	3.34545	8.8	2.90	5.60
Chromium (Cr), total	µg/l	11	< 0.5	1.65455	2.6	1.80	2.10
Conductivity	µS/cm	11	324	360.36364	399	359.00	391.00
Copper (Cu)	µg/l	11	2.8	10.35455	17.6	10.20	12.80
Copper (Cu), dissolved	µg/l	11	2.5	6.02727	9.8	6.50	8.30
Dissolved oxygen	mg/l	11	7.12	9.40727	11.96	8.95	7.60
Iron (Fe)	mg/l	11	0.187	0.24892	0.369	0.227	0.352
Lead (Pb)	µg/l	11	0.77	2.01545	5.3	1.40	4.20
Lead (Pb), dissolved	µg/l	11	< 0.15	0.52818	1.6	0.35	1.02
Lindane (gama-HCH)	µg/l	1	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	11	9.49	11.06091	13.2	10.45	12.54
Manganese (Mn)	mg/l	11	0.04	0.05218	0.069	0.05	0.061
Mercury (Hg)	µg/l	11	0.13	0.23364	0.49	0.19	0.36
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.17591	0.38	0.15	0.31
Nickel (Ni)	µg/l	11	1.7	4.29091	12	2.90	6.70
Nickel (Ni), dissolved	µg/l	11	< 0.5	2.55455	5.1	2.10	4.10
Nitrate (NO3-N)	mg/l	11	1.227	1.41546	1.593	1.398	1.536
Nitrite (NO2-N)	mg/l	11	0.011	0.02318	0.035	0.022	0.03
Orthophosphate (PO4-P)	mg/l	11	0.043	0.05682	0.076	0.055	0.064
Petroleum hydrocarbons	mg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005

Phytoplankton (biomass - chlorophyll-a)	µg/l	4	2.13	3.605	6.74	6.74	6.74
Potassium (K+)	mg/l	11	1.9	2.29091	2.7	2.30	2.50
Silicates (SiO2)	mg/l	6	8.1	11.73333	18.9	18.90	18.90
Sodium (Na+)	mg/l	11	18.6	20.78182	23.3	20.60	22.90
Sulphate (SO4--)	mg/l	11	34.2	37.94182	47.18	37.29	40.33
Suspended solids	mg/l	11	25	35.81818	76	30.00	42.00

River: Danube **Catchment:** 676150.00 km2 **2010**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	11	2	15.18182	26	15.50	25.50
Total nitrogen	mg/l	10	1.73	1.996	2.87	2.87	2.87
Total phosphorus	mg/l	11	0.06	0.07936	0.106	0.076	0.089
Zinc (Zn)	µg/l	11	3.5	18.1	87	11.00	30.00
Zinc (Zn), dissolved	µg/l	11	3.2	6.52727	17	5.70	7.90
pH	-	11	7.21	7.71727	8.08	7.74	7.41

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	14	2.49	3.00929	3.31	3.06	3.25
Ammonium (NH4-N)	mg/l	26	0.0536	0.2165	0.4973	0.2214	0.3621
Arsenic (As)	µg/l	2	1.4	1.45	1.5		
Arsenic (As), dissolved	µg/l	12	1.1	1.325	1.8	1.30	1.60
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	1.18	2.035	3.54	1.85	2.86
COD (Cr)	mg/l	14	18.72	21.69929	29.23	22.84	24.80
COD (Mn)	mg/l	13	2.33	3.32538	4.25	3.33	4.16
Cadmium (Cd)	µg/l	2	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	50.1	54.60917	59.52	53.95	57.81
Chloride (Cl-)	mg/l	15	18.86	27.14	30.6	28.10	30.50
Chromium (Cr) - total	µg/l	2	1.5	1.55	1.6		
Chromium (Cr), total	µg/l	12	1.1	2.03333	3	2.10	2.70
Conductivity	µS/cm	17	387	431.47059	487	425.00	484.00
Copper (Cu)	µg/l	2	2.7	2.8	2.9		
Copper (Cu), dissolved	µg/l	12	1.7	2.84167	6.1	2.30	3.40
Dissolved oxygen	mg/l	24	7.2	8.98583	11.01	8.47	7.57
Flow	m3/s	365	5010	8514.8493	14600	8240.00	12190.00
Iron (Fe)	mg/l	1	0.24	0.24	0.24		
Lead (Pb)	µg/l	2	2	2	2		
Lead (Pb), dissolved	µg/l	12	1.2	1.65	2.3	1.60	2.00
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	13.86	17.72333	21.64	16.78	21.00

Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.055	0.055	0.055		
Mercury (Hg), dissolved	µg/l	12	0.03	0.03842	0.047	0.038	0.044
Nickel (Ni)	µg/l	2	1.5	1.6	1.7		
Nickel (Ni), dissolved	µg/l	12	1.1	1.3	1.7	1.30	1.40
Nitrate (NO3-N)	mg/l	26	1.0486	1.84851	2.5109	1.9685	2.2803
Nitrite (NO2-N)	mg/l	26	0.0109	0.02395	0.0502	0.0231	0.0365
Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.04189	0.1327	0.0306	0.0848
Petroleum hydrocarbons	mg/l	3	9.5	12.33333	14		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	3.55	3.55	3.55		
Potassium (K+)	mg/l	6	2.2	2.8	3.1	3.10	3.10
Sodium (Na+)	mg/l	6	16.8	17.95	18.7	18.70	18.70
Sulphate (SO4--)	mg/l	1	24.7	24.7	24.7		
Suspended solids	mg/l	26	8	31.38462	83	34.00	48.00

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	26	0.5	14.21154	29	14.00	25.00
Total nitrogen	mg/l	26	1.34	2.50154	3.47	2.59	3.08
Total phosphorus	mg/l	26	0.028	0.10465	0.359	0.101	0.171
Zinc (Zn)	µg/l	2	2	2.25	2.5		
Zinc (Zn), dissolved	µg/l	12	1.5	2.75833	4.4	2.70	3.60
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	17	6.57	7.95118	8.31	8.02	7.67

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	14	2.55	3.02786	3.26	3.09	3.25
Ammonium (NH4-N)	mg/l	26	0.0319	0.19196	0.4864	0.2067	0.3155
Arsenic (As)	µg/l	2	1.5	1.6	1.7		
Arsenic (As), dissolved	µg/l	12	1.1	1.33333	1.7	1.30	1.60
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	1.1	1.96577	3.17	1.81	2.73
COD (Cr)	mg/l	14	18.45	21.35	29.23	19.84	23.40
COD (Mn)	mg/l	13	2.5	3.19077	4.42	2.92	4.33
Cadmium (Cd)	µg/l	2	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.05417	0.1	0.05	0.05
Calcium (Ca++)	mg/l	12	46.24	54.62167	60.28	55.55	59.52
Chloride (Cl-)	mg/l	15	20.3	27.03	31.3	28.20	29.20
Chromium (Cr) - total	µg/l	2	1.6	1.75	1.9		
Chromium (Cr), total	µg/l	12	1.3	1.95	2.8	1.70	2.70
Conductivity	µS/cm	17	385	429.70588	489	424.00	483.00

Copper (Cu)	µg/l	2	2.4	2.55	2.7		
Copper (Cu), dissolved	µg/l	12	1.9	2.85	5.9	2.50	3.70
Dissolved oxygen	mg/l	24	7.45	9.05083	11.41	8.50	7.61
Flow	m3/s	365	5010	8514.8493	14600	8240.00	12190.00
Iron (Fe)	mg/l	1	0.27	0.27	0.27		
Lead (Pb)	µg/l	2	2	2.05	2.1		
Lead (Pb), dissolved	µg/l	12	1	1.675	2.3	1.70	2.00
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	13.07	16.775	23.2	16.05	21.64
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.06	0.06	0.06		
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.03925	0.05	0.041	0.047
Nickel (Ni)	µg/l	2	1.4	1.45	1.5		
Nickel (Ni), dissolved	µg/l	12	1	1.18333	1.4	1.10	1.30
Nitrate (NO3-N)	mg/l	26	1.1436	1.76924	2.3843	1.7809	2.2781
Nitrite (NO2-N)	mg/l	26	0.0097	0.02073	0.0517	0.0195	0.0319
Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.0413	0.0906	0.0355	0.075
Petroleum hydrocarbons	mg/l	3	11	13	14		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	2.84	2.84	2.84		
Potassium (K+)	mg/l	6	2.1	2.8	3.1	3.10	3.10
Sodium (Na+)	mg/l	6	17	18.08333	19	19.00	19.00
Sulphate (SO4--)	mg/l	1	25.8	25.8	25.8		
Suspended solids	mg/l	26	5	31.73077	80	33.00	52.00

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	26	0.5	14.13462	29.5	14.50	25.00
Total nitrogen	mg/l	26	1.71	2.39692	3.18	2.39	2.82
Total phosphorus	mg/l	26	0.036	0.10654	0.278	0.094	0.179
Zinc (Zn)	µg/l	2	2.3	2.5	2.7		
Zinc (Zn), dissolved	µg/l	12	1.9	3.76667	12	2.90	4.40
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	17	6.64	7.95647	8.33	8.03	7.66

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	14	2.59	3.02357	3.26	3.11	3.25
Ammonium (NH4-N)	mg/l	26	0.0342	0.21273	0.4911	0.2137	0.3753
Arsenic (As)	µg/l	2	1.5	1.55	1.6		
Arsenic (As), dissolved	µg/l	12	0.9	1.225	1.6	1.20	1.40
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	1.17	1.95923	3.12	1.90	2.54

COD (Cr)	mg/l	14	18.45	21.74286	29.23	22.84	24.80
COD (Mn)	mg/l	13	2.33	3.29308	4.42	3.16	4.25
Cadmium (Cd)	µg/l	2	< 0.05	0.075	0.1		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.06083	0.12	0.05	0.11
Calcium (Ca++)	mg/l	12	50.1	55.285	57.81	55.55	57.60
Chloride (Cl-)	mg/l	15	18.86	28.93067	36.7	29.10	35.50
Chromium (Cr) - total	µg/l	2	1.5	1.7	1.9		
Chromium (Cr), total	µg/l	12	< 0.5	1.91667	3.4	1.70	2.90
Conductivity	µS/cm	17	386	431.05882	500	425.00	490.00
Copper (Cu)	µg/l	2	2.5	2.55	2.6		
Copper (Cu), dissolved	µg/l	12	1.3	2.61667	3.9	2.40	3.60
Dissolved oxygen	mg/l	24	7.11	8.98667	11.31	8.49	7.67
Flow	m3/s	365	5010	8514.8493	14600	8240.00	12190.00
Iron (Fe)	mg/l	1	0.28	0.28	0.28		
Lead (Pb)	µg/l	2	1.8	2.15	2.5		
Lead (Pb), dissolved	µg/l	12	1	1.575	2.5	1.50	1.70
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	11.67	17.505	23.35	16.29	20.80
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.064	0.066	0.068		
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.03992	0.05	0.042	0.048
Nickel (Ni)	µg/l	2	1.5	1.55	1.6		
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.24167	1.5	1.30	1.40
Nitrate (NO3-N)	mg/l	26	1.13	1.80573	2.2826	1.8645	2.2577
Nitrite (NO2-N)	mg/l	26	0.007	0.01836	0.0465	0.0179	0.0292
Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.04863	0.1301	0.0408	0.087
Petroleum hydrocarbons	mg/l	3	12	13.66667	16		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	4.26	4.26	4.26		
Potassium (K+)	mg/l	6	2.4	2.93333	3.2	3.20	3.20
Sodium (Na+)	mg/l	6	17.2	17.85	18.5	18.50	18.50
Sulphate (SO4--)	mg/l	1	26.3	26.3	26.3		
Suspended solids	mg/l	26	7	29.96154	82	32.00	40.00

River: Danube **Catchment:** 698600.00 km2 **2010**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	26	0.5	14.25	29.5	14.00	25.00
Total nitrogen	mg/l	26	1.68	2.43615	3.28	2.55	2.84
Total phosphorus	mg/l	26	0.024	0.11288	0.381	0.11	0.179
Zinc (Zn)	µg/l	2	2.7	2.75	2.8		
Zinc (Zn), dissolved	µg/l	12	2.5	3	4.4	2.90	3.50
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	17	6.67	7.95412	8.32	8.03	7.65

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**

Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.41	3.01909	3.35	3.06	3.14
Ammonium (NH4-N)	mg/l	26	< 0.0125	0.17779	0.4872	0.1873	0.3271
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	8	1.3	1.6	1.9	1.90	1.90
Arsenic (As), dissolved	µg/l	20	0.78	1.3455	2.4	1.30	1.80
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	< 0.5	1.68385	4.5	1.70	2.50
COD (Cr)	mg/l	13	18.72	24.17154	34.72	23.40	28.08
COD (Mn)	mg/l	13	2.77	3.82538	6.98	3.38	4.66
Cadmium (Cd)	µg/l	8	< 0.05	0.08	0.12	0.12	0.12
Cadmium (Cd), dissolved	µg/l	20	< 0.05	0.068	0.33	0.05	0.05
Calcium (Ca++)	mg/l	11	45.21	54.39091	59.52	53.95	59.52
Chloride (Cl-)	mg/l	14	25.7	29.47857	33.8	28.40	33.30
Chromium (Cr) - total	µg/l	8	1.7	2.3375	3.5	3.50	3.50
Chromium (Cr), total	µg/l	20	1.1	2.135	3.7	1.80	3.00
Conductivity	µS/cm	16	384	443.1875	504	438.00	479.00
Copper (Cu)	µg/l	8	2	3.1625	5.8	5.80	5.80
Copper (Cu), dissolved	µg/l	20	1.7	2.84	7.7	2.30	3.80
Dissolved oxygen	mg/l	24	6.9	10.01167	13.6	10.20	7.19
Flow	m3/s	365	5400	9597.7260	16940	9330.00	13450.00
Iron (Fe)	mg/l	2	0.18	0.185	0.19		
Lead (Pb)	µg/l	8	1.8	2.625	3.5	3.50	3.50
Lead (Pb), dissolved	µg/l	20	1.3	1.895	2.8	1.80	2.30
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	11	14	17.00727	21.16	18.20	18.73
Manganese (Mn)	mg/l	2	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	8	0.04	0.06075	0.08	0.08	0.08
Mercury (Hg), dissolved	µg/l	20	< 0.015	0.0402	0.049	0.039	0.047
Nickel (Ni)	µg/l	8	1	1.45	1.9	1.90	1.90
Nickel (Ni), dissolved	µg/l	20	< 0.5	1.25	1.8	1.30	1.50
Nitrate (NO3-N)	mg/l	26	1.026	1.8153	2.477	1.8532	2.1425
Nitrite (NO2-N)	mg/l	26	< 0.0015	0.02505	0.0435	0.0255	0.0423
Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.05031	0.1196	0.0489	0.103
Petroleum hydrocarbons	mg/l	3	9.5	10	11		
Potassium (K+)	mg/l	7	2.8	3.1	3.6	3.60	3.60
Sodium (Na+)	mg/l	7	14.7	17.18571	19.9	19.90	19.90
Suspended solids	mg/l	26	13	45.82692	163	31.00	83.50
Temperature	°C	26	1	12.87692	23.7	13.40	22.50

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	26	1.52	2.41615	3.25	2.38	2.83
Total phosphorus	mg/l	26	< 0.009	0.09781	0.223	0.094	0.159

Zinc (Zn)	µg/l	8	2.6	3.4625	5	5.00	5.00
Zinc (Zn), dissolved	µg/l	20	1.6	3.365	12	2.50	5.90
p,p'-DDT	µg/l	2	< 0.0025	0.0044	0.0063		
pH	-	16	7.36	8.035	8.37	8.10	7.74

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.36	3.00818	3.29	3.06	3.19
Ammonium (NH4-N)	mg/l	26	< 0.0125	0.17118	0.6162	0.1779	0.2945
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	8	1.2	1.5125	1.7	1.70	1.70
Arsenic (As), dissolved	µg/l	20	0.8	1.389	2.2	1.30	1.80
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	< 0.5	1.63346	4.5	1.60	2.50
COD (Cr)	mg/l	13	18.72	23.79	29.76	23.40	28.08
COD (Mn)	mg/l	13	2.61	3.80462	6.83	3.23	4.83
Cadmium (Cd)	µg/l	8	< 0.05	0.07125	0.12	0.12	0.12
Cadmium (Cd), dissolved	µg/l	20	< 0.05	0.055	0.15	0.05	0.05
Calcium (Ca++)	mg/l	11	45.21	56.14091	67.45	57.80	63.49
Chloride (Cl-)	mg/l	14	25.73	29.34643	34.4	28.40	32.60
Chromium (Cr) - total	µg/l	8	1.4	2.3875	3.6	3.60	3.60
Chromium (Cr), total	µg/l	20	1.1	2.385	6.5	1.90	3.50
Conductivity	µS/cm	16	385	443.8125	509	438.00	481.00
Copper (Cu)	µg/l	8	1.9	3.05	5	5.00	5.00
Copper (Cu), dissolved	µg/l	20	1.5	3.095	8.9	2.50	4.00
Dissolved oxygen	mg/l	24	6.8	9.89167	13.5	10.20	7.00
Flow	m3/s	365	5400	9597.7260	16940	9330.00	13450.00
Iron (Fe)	mg/l	2	0.2	0.235	0.27		
Lead (Pb)	µg/l	8	1.7	2.6	4	4.00	4.00
Lead (Pb), dissolved	µg/l	20	1.2	1.8	2.5	1.80	2.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	11	11.67	15.11	22.8	14.34	18.48
Manganese (Mn)	mg/l	2	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	8	0.043	0.06225	0.083	0.083	0.083
Mercury (Hg), dissolved	µg/l	20	< 0.015	0.0394	0.058	0.041	0.052
Nickel (Ni)	µg/l	8	1	1.475	1.8	1.80	1.80
Nickel (Ni), dissolved	µg/l	20	< 0.5	1.245	1.9	1.20	1.50
Nitrate (NO3-N)	mg/l	26	1.0373	1.76236	2.2577	1.7696	2.1244
Nitrite (NO2-N)	mg/l	26	< 0.0015	0.02596	0.0623	0.0261	0.0413
Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.05493	0.1271	0.0577	0.1011
Petroleum hydrocarbons	mg/l	1	14	14	14		
Potassium (K+)	mg/l	7	2.9	3.07143	3.5	3.50	3.50
Sodium (Na+)	mg/l	7	14.6	17.17143	19.6	19.60	19.60
Suspended solids	mg/l	26	10	48.84615	261	31.00	88.00
Temperature	°C	26	1	12.88846	23.5	13.40	22.50

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	26	1.48	2.34962	2.95	2.36	2.83
Total phosphorus	mg/l	26	0.038	0.11131	0.38	0.097	0.156
Zinc (Zn)	µg/l	8	2.8	3.6625	5	5.00	5.00
Zinc (Zn), dissolved	µg/l	20	1.9	3.75	15	2.50	4.40
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	16	7.38	8.00875	8.46	8.02	7.56

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.31	3.03091	3.29	3.11	3.19
Ammonium (NH4-N)	mg/l	26	< 0.0125	0.15903	0.324	0.1655	0.2953
Anionic active surfactants	mg/l	2	< 0.05	< 0.05	< 0.05		
Arsenic (As)	µg/l	8	1.3	1.475	1.6	1.60	1.60
Arsenic (As), dissolved	µg/l	20	0.83	1.2865	2.2	1.20	1.70
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	26	< 0.5	1.62115	4.7	1.50	2.30
COD (Cr)	mg/l	13	18.72	23.43	29.76	23.40	27.67
COD (Mn)	mg/l	13	2.66	3.76846	6.69	3.23	4.83
Cadmium (Cd)	µg/l	8	< 0.05	0.075	0.14	0.14	0.14
Cadmium (Cd), dissolved	µg/l	20	< 0.05	0.0655	0.3	0.05	0.05
Calcium (Ca++)	mg/l	11	45.21	54.07273	63.49	53.95	63.49
Chloride (Cl-)	mg/l	14	23.6	29.76643	35.5	29.80	33.00
Chromium (Cr) - total	µg/l	8	1.4	2.2875	4	4.00	4.00
Chromium (Cr), total	µg/l	20	1.2	2.055	4.9	1.90	2.70
Conductivity	µS/cm	16	383	444.25	508	442.00	478.00
Copper (Cu)	µg/l	8	1.7	3.1625	4.8	4.80	4.80
Copper (Cu), dissolved	µg/l	20	1.3	2.785	6.2	2.80	3.50
Dissolved oxygen	mg/l	24	6.71	9.91292	13.6	10.20	7.00
Flow	m3/s	365	5400	9597.7260	16940	9330.00	13450.00
Iron (Fe)	mg/l	2	0.19	0.22	0.25		
Lead (Pb)	µg/l	8	1.4	2.625	4.9	4.90	4.90
Lead (Pb), dissolved	µg/l	20	1	1.635	2.6	1.60	2.10
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	11	14.03	17.43818	20.57	18.60	20.40
Manganese (Mn)	mg/l	2	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	8	0.045	0.06625	0.081	0.081	0.081
Mercury (Hg), dissolved	µg/l	20	0.03	0.04185	0.058	0.04	0.049
Nickel (Ni)	µg/l	8	1.1	1.4625	1.7	1.70	1.70
Nickel (Ni), dissolved	µg/l	20	< 0.5	1.235	1.7	1.20	1.50
Nitrate (NO3-N)	mg/l	26	1.078	1.76611	2.251	1.8464	2.1312
Nitrite (NO2-N)	mg/l	26	0.0076	0.02682	0.0456	0.0268	0.0401

Orthophosphate (PO4-P)	mg/l	26	< 0.005	0.05628	0.1337	0.0587	0.1173
Petroleum hydrocarbons	mg/l	1	12.5	12.5	12.5		
Potassium (K+)	mg/l	7	2.8	3.1	3.6	3.60	3.60
Sodium (Na+)	mg/l	7	14.8	17.22857	19.5	19.50	19.50
Suspended solids	mg/l	26	14	46.53846	173	30.00	83.00
Temperature	°C	26	1	12.88077	23.8	13.40	22.50

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	26	1.5	2.33577	2.91	2.35	2.77
Total phosphorus	mg/l	26	< 0.009	0.10662	0.35	0.098	0.173
Zinc (Zn)	µg/l	8	2.7	3.45	4	4.00	4.00
Zinc (Zn), dissolved	µg/l	20	1.8	3.095	7	2.60	4.70
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	16	7.4	8.02875	8.38	8.03	7.75

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.59	3.0425	3.25	3.05	3.25
Ammonium (NH4-N)	mg/l	12	0.0311	0.14498	0.4678	0.108	0.2121
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	3	1.4	1.6	1.7		
Arsenic (As), dissolved	µg/l	11	1	1.46364	3.5	1.30	1.60
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	1.67583	4.1	1.70	2.50
COD (Cr)	mg/l	12	18.72	23.30167	28.08	23.40	24.80
COD (Mn)	mg/l	12	2.5	3.68917	4.43	3.76	4.33
Cadmium (Cd)	µg/l	3	< 0.05	0.07333	0.12		
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.06091	0.17	0.05	0.05
Calcium (Ca++)	mg/l	12	43.65	50.11083	59.52	48.80	57.81
Chloride (Cl-)	mg/l	9	20.6	28.00778	36.13	36.13	36.13
Chromium (Cr) - total	µg/l	3	1.8	1.86667	1.9		
Chromium (Cr), total	µg/l	11	1.5	2.02727	3.2	1.90	2.50
Conductivity	µS/cm	12	382	453.91667	548	451.00	510.00
Copper (Cu)	µg/l	3	2.8	3.9	5.9		
Copper (Cu), dissolved	µg/l	11	1.7	3.11818	8.6	2.50	3.80
Dissolved oxygen	mg/l	12	7	9.52417	12.9	8.90	7.39
Lead (Pb)	µg/l	3	1.9	1.93333	2		
Lead (Pb), dissolved	µg/l	11	1.3	1.89091	2.9	1.80	2.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	13.86	17.89833	21.89	18.20	20.80
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		

Mercury (Hg)	µg/l	3	0.038	0.05767	0.07		
Mercury (Hg), dissolved	µg/l	11	0.033	0.04218	0.054	0.041	0.047
Nickel (Ni)	µg/l	3	1.3	1.53333	1.7		
Nickel (Ni), dissolved	µg/l	11	< 0.5	1.24545	1.8	1.30	1.40
Nitrate (NO3-N)	mg/l	12	1.3198	1.68068	2.095	1.6995	1.8713
Nitrite (NO2-N)	mg/l	12	0.0134	0.03438	0.0651	0.0328	0.0547
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.04248	0.0714	0.0489	0.0668
Petroleum hydrocarbons	mg/l	2	10	12	14		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	2.37	2.37	2.37		
Potassium (K+)	mg/l	7	2.7	3.17143	3.7	3.70	3.70
Sodium (Na+)	mg/l	7	15.8	19.3	22.2	22.20	22.20
Sulphate (SO4--)	mg/l	5	23.5	31.668	40.62	40.62	40.62
Suspended solids	mg/l	12	11	59.5	197	35.00	132.00
Temperature	°C	12	1	12.83333	23.2	13.20	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.7	2.22417	3.09	2.16	2.50
Total phosphorus	mg/l	12	< 0.009	0.0715	0.117	0.071	0.094
Zinc (Zn)	µg/l	3	2.3	3.13333	4.4		
Zinc (Zn), dissolved	µg/l	11	1.7	3.44545	13	2.20	3.80
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.65	7.94083	8.18	7.95	7.74

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.45	3.06667	3.29	3.09	3.29
Ammonium (NH4-N)	mg/l	12	0.0342	0.1108	0.2409	0.0886	0.1764
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	3	1.5	1.63333	1.7		
Arsenic (As), dissolved	µg/l	12	0.78	1.55667	3.8	1.40	1.70
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	1.70917	3.7	1.70	2.51
COD (Cr)	mg/l	12	18.72	23.3175	29.23	23.40	24.80
COD (Mn)	mg/l	12	2.33	3.81917	5.11	3.92	4.29
Cadmium (Cd)	µg/l	3	< 0.05	0.07333	0.12		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.055	0.11	0.05	0.05
Calcium (Ca++)	mg/l	12	39.68	49.97167	55.31	50.10	53.95
Chloride (Cl-)	mg/l	9	20.3	28.78667	39.6	39.60	39.60
Chromium (Cr) - total	µg/l	3	1.7	1.7	1.7		
Chromium (Cr), total	µg/l	12	1.3	1.93333	2.7	1.90	2.70
Conductivity	µS/cm	12	381	454.75	555	450.00	508.00

Copper (Cu)	µg/l	3	2.7	4.03333	6		
Copper (Cu), dissolved	µg/l	12	1.9	3.025	7.5	2.70	3.70
Dissolved oxygen	mg/l	12	6.8	9.43333	12.6	8.90	6.90
Lead (Pb)	µg/l	3	1.4	1.86667	2.4		
Lead (Pb), dissolved	µg/l	12	1.1	1.9	2.5	1.80	2.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	14.03	18.87167	21.64	18.73	21.64
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	3	0.047	0.05967	0.068		
Mercury (Hg), dissolved	µg/l	12	0.036	0.042	0.052	0.04	0.05
Nickel (Ni)	µg/l	3	1.5	1.63333	1.9		
Nickel (Ni), dissolved	µg/l	12	1	1.28333	1.6	1.20	1.50
Nitrate (NO3-N)	mg/l	12	1.1277	1.67787	2.0498	1.7086	1.912
Nitrite (NO2-N)	mg/l	12	0.017	0.02953	0.0489	0.0289	0.0426
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03785	0.0685	0.0398	0.0649
Petroleum hydrocarbons	mg/l	2	9.3	15.15	21		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	3.55	3.55	3.55		
Potassium (K+)	mg/l	7	2.6	3.17143	3.7	3.70	3.70
Sodium (Na+)	mg/l	7	15.7	19.32857	22.3	22.30	22.30
Sulphate (SO4--)	mg/l	5	16.94	27.146	38.9	38.90	38.90
Suspended solids	mg/l	12	14	60.25	190	40.00	138.00
Temperature	°C	12	1	12.81667	23	13.20	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.47	2.17417	2.78	2.17	2.50
Total phosphorus	mg/l	12	< 0.009	0.0755	0.146	0.08	0.107
Zinc (Zn)	µg/l	3	2.5	3.26667	4.5		
Zinc (Zn), dissolved	µg/l	12	1.6	3.24167	9.4	3.00	3.70
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.64	7.9325	8.26	7.96	7.71

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.64	3.0875	3.29	3.14	3.29
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.13889	0.4693	0.1049	0.2284
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	3	1.6	1.66667	1.8		
Arsenic (As), dissolved	µg/l	11	0.95	1.52273	3.8	1.30	1.80
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	1.6775	3.6	1.80	2.20
COD (Cr)	mg/l	12	18.72	24.48	32.45	23.40	29.23

COD (Mn)	mg/l	12	2.33	3.8625	5.23	3.78	4.94
Cadmium (Cd)	µg/l	3	< 0.05	0.08667	0.11		
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.05636	0.12	0.05	0.05
Calcium (Ca++)	mg/l	12	39.68	50.70083	55.55	51.58	53.95
Chloride (Cl-)	mg/l	9	20.6	28.17333	35.43	35.43	35.43
Chromium (Cr) - total	µg/l	3	1.5	1.83333	2.3		
Chromium (Cr), total	µg/l	11	1.3	2.05455	2.9	2.00	2.80
Conductivity	µS/cm	12	380	456.08333	551	454.00	509.00
Copper (Cu)	µg/l	3	2.7	3.83333	5.5		
Copper (Cu), dissolved	µg/l	11	1.5	3.09091	9	2.40	3.40
Dissolved oxygen	mg/l	12	6.44	9.40333	12.5	8.90	6.90
Lead (Pb)	µg/l	3	1.7	1.86667	2		
Lead (Pb), dissolved	µg/l	11	1.2	1.99091	3	2.00	2.30
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	13.86	18.50917	26.27	18.73	22.80
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	3	0.055	0.06833	0.085		
Mercury (Hg), dissolved	µg/l	11	0.038	0.04245	0.055	0.042	0.045
Nickel (Ni)	µg/l	3	1.3	1.66667	1.9		
Nickel (Ni), dissolved	µg/l	11	1.1	1.34545	1.6	1.30	1.60
Nitrate (NO3-N)	mg/l	12	1.0012	1.67314	2.0656	1.7515	1.8735
Nitrite (NO2-N)	mg/l	12	0.0152	0.03176	0.0559	0.0304	0.0432
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03863	0.0652	0.043	0.059
Petroleum hydrocarbons	mg/l	2	9	13.5	18		
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	1.18	1.18	1.18		
Potassium (K+)	mg/l	7	2.7	3.18571	3.8	3.80	3.80
Sodium (Na+)	mg/l	7	15.9	19.3	22.1	22.10	22.10
Sulphate (SO4--)	mg/l	5	14.29	29.536	45.96	45.96	45.96
Suspended solids	mg/l	12	10	55.08333	161	36.00	128.00
Temperature	°C	12	1	12.85	23.4	13.20	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.5	2.20917	3.07	2.22	2.43
Total phosphorus	mg/l	12	< 0.009	0.07058	0.11	0.067	0.103
Zinc (Zn)	µg/l	3	2.4	3.13333	4		
Zinc (Zn), dissolved	µg/l	11	1.7	3.78182	14	2.80	3.90
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.66	7.92667	8.16	7.93	7.73

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	12	2.59	3.11917	3.29	3.11	3.26
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.14821	0.4553	0.1119	0.3092
Anionic active surfactants	mg/l	4	< 0.05	0.08	0.17	0.17	0.17
Arsenic (As)	µg/l	2	1.5	1.55	1.6		
Arsenic (As), dissolved	µg/l	11	0.85	1.44818	2.6	1.30	2.00
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	2.15333	3.9	2.14	2.90
COD (Cr)	mg/l	12	18.45	24.92167	29.76	24.48	29.23
COD (Mn)	mg/l	12	2.91	3.86417	5.54	3.59	5.27
Cadmium (Cd)	µg/l	2	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.08455	0.43	0.05	0.05
Calcium (Ca++)	mg/l	12	44.8	52.90417	61.66	53.95	59.52
Chloride (Cl-)	mg/l	10	22.6	30.562	42.6	42.60	42.60
Chromium (Cr) - total	µg/l	2	1.5	2.25	3		
Chromium (Cr), total	µg/l	11	1.2	2.55455	3.7	2.50	3.40
Conductivity	µS/cm	12	388	454.25	541	447.00	500.00
Copper (Cu)	µg/l	2	2.6	3.8	5		
Copper (Cu), dissolved	µg/l	11	1.4	3.14545	7.7	2.70	3.90
Dissolved oxygen	mg/l	12	6.8	9.02	11.7	8.50	6.84
Iron (Fe)	mg/l	1	0.25	0.25	0.25		
Lead (Pb)	µg/l	2	1.9	2.95	4		
Lead (Pb), dissolved	µg/l	11	1	1.85455	2.7	1.70	2.70
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	7.05	17.83083	25.6	15.80	25.20
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.058	0.064	0.07		
Mercury (Hg), dissolved	µg/l	11	0.039	0.04445	0.051	0.044	0.049
Nickel (Ni)	µg/l	2	1.5	1.7	1.9		
Nickel (Ni), dissolved	µg/l	11	1.1	1.41818	1.7	1.40	1.60
Nitrate (NO3-N)	mg/l	12	1.0464	1.52738	1.9142	1.6091	1.7786
Nitrite (NO2-N)	mg/l	12	0.0149	0.03859	0.1301	0.0295	0.0581
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03373	0.0968	0.0238	0.0606
Petroleum hydrocarbons	mg/l	2	11	11.5	12		
Potassium (K+)	mg/l	7	2.6	3.14286	3.6	3.60	3.60
Sodium (Na+)	mg/l	7	14.8	17.74286	22.4	22.40	22.40
Sulphate (SO4--)	mg/l	5	20.71	28.82	41.13	41.13	41.13
Suspended solids	mg/l	12	12	50.66667	153	34.00	102.00
Temperature	°C	12	1	12.83333	22.7	13.30	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.49	2.05	2.87	2.05	2.32
Total phosphorus	mg/l	12	0.021	0.09475	0.336	0.063	0.155
Zinc (Zn)	µg/l	2	2.9	2.95	3		
Zinc (Zn), dissolved	µg/l	11	1.8	3.25455	8.5	2.60	4.30
p,p'-DDT	µg/l	2	0.005	0.00715	0.0093		

pH - 12 7.23 7.75667 8.2 7.74 7.30

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.55	3.14417	3.35	3.16	3.29
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.12919	0.3015	0.1119	0.2751
Anionic active surfactants	mg/l	4	< 0.05	0.07675	0.157	0.157	0.157
Arsenic (As)	µg/l	2	1.5	1.7	1.9		
Arsenic (As), dissolved	µg/l	12	0.97	1.48917	2.8	1.40	1.80
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	2.1625	4	2.10	2.80
COD (Cr)	mg/l	12	18.45	24.92167	29.76	24.48	29.23
COD (Mn)	mg/l	12	2.76	3.74833	5.84	3.52	4.25
Cadmium (Cd)	µg/l	2	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.11667	0.85	0.05	0.05
Calcium (Ca++)	mg/l	12	48.8	53.5175	61.65	52.40	59.52
Chloride (Cl-)	mg/l	10	20.3	31.176	42.6	42.60	42.60
Chromium (Cr) - total	µg/l	2	1.6	2.15	2.7		
Chromium (Cr), total	µg/l	12	1.3	2.25833	3.4	2.10	3.10
Conductivity	µS/cm	12	386	457.66667	548	446.00	539.00
Copper (Cu)	µg/l	2	2.8	3.45	4.1		
Copper (Cu), dissolved	µg/l	12	1.7	3.25	8.9	2.70	4.10
Dissolved oxygen	mg/l	12	6.9	9.075	11.6	8.60	6.90
Iron (Fe)	mg/l	1	0.22	0.22	0.22		
Lead (Pb)	µg/l	2	1.6	2.7	3.8		
Lead (Pb), dissolved	µg/l	12	1	1.79167	2.5	1.70	2.20
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	7.01	15.54917	22.8	16.00	20.57
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.053	0.0605	0.068		
Mercury (Hg), dissolved	µg/l	12	0.038	0.04333	0.052	0.043	0.047
Nickel (Ni)	µg/l	2	1.4	1.7	2		
Nickel (Ni), dissolved	µg/l	12	1.1	1.4	1.9	1.40	1.50
Nitrate (NO3-N)	mg/l	12	0.3978	1.37163	1.8803	1.4441	1.7244
Nitrite (NO2-N)	mg/l	12	0.0039	0.02533	0.052	0.0249	0.0499
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03532	0.0639	0.0277	0.0603
Petroleum hydrocarbons	mg/l	2	9.8	11.9	14		
Potassium (K+)	mg/l	7	2.7	3.17143	3.7	3.70	3.70
Sodium (Na+)	mg/l	7	14.9	17.74286	22.1	22.10	22.10
Sulphate (SO4--)	mg/l	5	21.89	28.338	36.69	36.69	36.69
Suspended solids	mg/l	12	13	64.91667	229	41.00	132.00
Temperature	°C	12	1	12.79167	22.2	13.30	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**

Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1	1.845	2.64	1.76	2.28
Total phosphorus	mg/l	12	0.031	0.08242	0.294	0.063	0.098
Zinc (Zn)	µg/l	2	3	3.5	4		
Zinc (Zn), dissolved	µg/l	12	2.3	3.16667	6.7	2.80	3.70
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	6.95	7.685	8.17	7.60	7.25

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.59	3.1275	3.4	3.16	3.25
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.12854	0.4646	0.0769	0.202
Anionic active surfactants	mg/l	4	< 0.05	0.0775	0.16	0.16	0.16
Arsenic (As)	µg/l	2	1.4	1.55	1.7		
Arsenic (As), dissolved	µg/l	11	0.93	1.46636	2.8	1.40	1.70
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	2.1325	4.1	2.19	2.70
COD (Cr)	mg/l	12	18.45	24.12583	29.76	23.40	28.08
COD (Mn)	mg/l	12	3.04	3.75	5.54	3.43	4.42
Cadmium (Cd)	µg/l	2	< 0.05	0.075	0.1		
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.06364	0.2	0.05	0.05
Calcium (Ca++)	mg/l	12	44.8	51.30083	59.52	50.10	56.40
Chloride (Cl-)	mg/l	10	20.9	29.371	42.6	42.60	42.60
Chromium (Cr) - total	µg/l	2	1.4	2.1	2.8		
Chromium (Cr), total	µg/l	11	1.1	2.01818	3.8	2.00	2.40
Conductivity	µS/cm	12	387	455.83333	563	448.00	499.00
Copper (Cu)	µg/l	2	2.9	3.7	4.5		
Copper (Cu), dissolved	µg/l	11	1.5	3.19091	7.3	2.90	3.50
Dissolved oxygen	mg/l	12	6.9	9.0675	11.4	8.60	7.20
Iron (Fe)	mg/l	1	0.24	0.24	0.24		
Lead (Pb)	µg/l	2	1.6	2.55	3.5		
Lead (Pb), dissolved	µg/l	11	1.2	1.82727	2.4	1.90	2.30
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	12.16	18.06917	22.8	18.20	21.64
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.055	0.0625	0.07		
Mercury (Hg), dissolved	µg/l	11	0.035	0.04173	0.047	0.042	0.047
Nickel (Ni)	µg/l	2	1.7	1.8	1.9		
Nickel (Ni), dissolved	µg/l	11	1.2	1.41818	1.6	1.40	1.50
Nitrate (NO3-N)	mg/l	12	1.0464	1.42529	1.8713	1.4645	1.7153
Nitrite (NO2-N)	mg/l	12	0.0073	0.02638	0.0511	0.0249	0.0471
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03848	0.0766	0.0251	0.074
Petroleum hydrocarbons	mg/l	2	12	13	14		
Potassium (K+)	mg/l	7	2.6	3.14286	3.6	3.60	3.60

Sodium (Na+)	mg/l	7	14.8	17.71429	22.2	22.20	22.20
Sulphate (SO4--)	mg/l	5	16.43	29.36	46.08	46.08	46.08
Suspended solids	mg/l	12	10	56.33333	171	34.00	148.00
Temperature	°C	12	1	12.825	22.5	13.30	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.33	1.88833	2.83	1.76	2.29
Total phosphorus	mg/l	12	0.025	0.08483	0.251	0.086	0.106
Zinc (Zn)	µg/l	2	2.7	3.35	4		
Zinc (Zn), dissolved	µg/l	11	2	3.26364	9.2	2.50	4.20
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.22	7.70583	8.19	7.62	7.31

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.93	3.16182	3.29	3.16	3.26
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.11721	0.3178	0.0746	0.2044
Anionic active surfactants	mg/l	4	< 0.05	0.073	0.142	0.142	0.142
Arsenic (As)	µg/l	2	1.9	1.9	1.9		
Arsenic (As), dissolved	µg/l	11	0.75	1.39091	2.7	1.30	1.80
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	2.03917	4.7	2.00	3.30
COD (Cr)	mg/l	12	18.45	23.7125	28.08	24.36	28.08
COD (Mn)	mg/l	12	3	4.12667	5.54	3.91	5.33
Cadmium (Cd)	µg/l	2	0.1	0.105	0.11		
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.06545	0.22	0.05	0.05
Calcium (Ca++)	mg/l	12	42	53.90583	63.49	56.51	59.52
Chloride (Cl-)	mg/l	9	21.6	29.82889	37.52	37.52	37.52
Chromium (Cr) - total	µg/l	2	2.5	2.7	2.9		
Chromium (Cr), total	µg/l	11	1.3	2.09091	4.6	1.80	2.70
Conductivity	µS/cm	12	389	460.41667	551	455.00	506.00
Copper (Cu)	µg/l	2	2	2.4	2.8		
Copper (Cu), dissolved	µg/l	11	1.2	3.27273	14	2.30	3.00
Dissolved oxygen	mg/l	12	6.38	9.10667	12	8.60	6.80
Iron (Fe)	mg/l	1	0.35	0.35	0.35		
Lead (Pb)	µg/l	2	1.6	2.25	2.9		
Lead (Pb), dissolved	µg/l	11	1.1	1.94545	3.8	2.00	2.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	11.67	16.83	23.2	13.86	22.80
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.033	0.0505	0.068		

Mercury (Hg), dissolved	µg/l	11	< 0.015	0.04027	0.052	0.042	0.048
Nickel (Ni)	µg/l	2	1.7	1.75	1.8		
Nickel (Ni), dissolved	µg/l	11	1.1	1.39091	3	1.30	1.50
Nitrate (NO3-N)	mg/l	12	0.9786	1.51458	1.8532	1.5526	1.7583
Nitrite (NO2-N)	mg/l	12	0.0082	0.0298	0.052	0.0268	0.0447
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.02862	0.0584	0.0186	0.0567
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	2.37	2.37	2.37		
Potassium (K+)	mg/l	7	2.8	3.24286	3.8	3.80	3.80
Sodium (Na+)	mg/l	7	16.4	18.31429	20.3	20.30	20.30
Sulphate (SO4--)	mg/l	4	19.57	27.515	35.96	35.96	35.96
Suspended solids	mg/l	12	14	68.58333	267	33.00	180.00
Temperature	°C	12	1	13.01667	23.2	12.60	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.25	2.01333	2.52	1.95	2.38
Total phosphorus	mg/l	12	< 0.009	0.05542	0.093	0.052	0.089
Zinc (Zn)	µg/l	2	2.7	6.35	10		
Zinc (Zn), dissolved	µg/l	11	1.8	4.11818	18	2.30	6.50
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.44	7.805	8.26	7.75	7.58

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.98	3.16091	3.26	3.19	3.26
Ammonium (NH4-N)	mg/l	12	< 0.0125	0.11663	0.2479	0.0901	0.1974
Anionic active surfactants	mg/l	4	< 0.05	0.0725	0.14	0.14	0.14
Arsenic (As)	µg/l	2	1.6	1.7	1.8		
Arsenic (As), dissolved	µg/l	12	0.81	1.52417	3.7	1.30	2.00
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	1.97083	4.7	2.00	3.00
COD (Cr)	mg/l	12	18.45	24.12167	32.45	23.40	29.76
COD (Mn)	mg/l	12	2.77	3.92833	5.38	3.83	4.83
Cadmium (Cd)	µg/l	2	0.1	0.11	0.12		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.06083	0.18	0.05	0.05
Calcium (Ca++)	mg/l	12	41.44	51.04083	59.52	50.10	59.52
Chloride (Cl-)	mg/l	9	21.3	29.40111	38.91	38.91	38.91
Chromium (Cr) - total	µg/l	2	2.2	2.3	2.4		
Chromium (Cr), total	µg/l	12	1.4	1.90833	4.7	1.60	2.10
Conductivity	µS/cm	12	387	455.75	552	450.00	505.00
Copper (Cu)	µg/l	2	2	2.3	2.6		
Copper (Cu), dissolved	µg/l	12	1.4	2.99167	11	2.10	3.50

Dissolved oxygen	mg/l	12	6.9	9.20833	11.9	8.60	7.20
Iron (Fe)	mg/l	1	0.4	0.4	0.4		
Lead (Pb)	µg/l	2	1.5	2	2.5		
Lead (Pb), dissolved	µg/l	12	1.2	1.78333	2.7	1.80	2.30
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	11.67	16.915	22.86	16.53	22.80
Manganese (Mn)	mg/l	1	< 0.015	< 0.015	< 0.015		
Mercury (Hg)	µg/l	2	0.03	0.0525	0.075		
Mercury (Hg), dissolved	µg/l	12	< 0.015	0.03975	0.048	0.04	0.047
Nickel (Ni)	µg/l	2	1.6	1.75	1.9		
Nickel (Ni), dissolved	µg/l	12	1.1	1.44167	2.4	1.40	1.60
Nitrate (NO3-N)	mg/l	12	1.1639	1.65979	2.0837	1.6114	1.9052
Nitrite (NO2-N)	mg/l	12	0.017	0.02789	0.038	0.0258	0.0371
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03663	0.0822	0.0394	0.0626
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	5.92	5.92	5.92		
Potassium (K+)	mg/l	7	2.8	3.18571	3.7	3.70	3.70
Sodium (Na+)	mg/l	7	16.3	18.31429	20.4	20.40	20.40
Sulphate (SO4--)	mg/l	4	19.91	28.05	33.64	33.64	33.64
Suspended solids	mg/l	12	16	56.66667	171	31.00	140.00
Temperature	°C	12	1	13	23	12.60	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.77	2.17333	2.82	2.05	2.46
Total phosphorus	mg/l	12	0.038	0.06892	0.12	0.058	0.096
Zinc (Zn)	µg/l	2	2.4	5.95	9.5		
Zinc (Zn), dissolved	µg/l	12	1.5	3.625	15	2.50	5.80
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.22	7.78	8.14	7.77	7.56

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	3.03	3.16182	3.26	3.19	3.25
Ammonium (NH4-N)	mg/l	12	0.0256	0.10754	0.244	0.0668	0.23
Anionic active surfactants	mg/l	4	< 0.05	0.07575	0.153	0.153	0.153
Arsenic (As)	µg/l	2	1.5	1.55	1.6		
Arsenic (As), dissolved	µg/l	11	0.83	1.43909	3.5	1.30	1.70
Atrazine	µg/l	2	< 0.0175	< 0.0175	< 0.0175		
BOD (5)	mg/l	12	< 0.5	1.9425	4.5	2.00	3.00
COD (Cr)	mg/l	12	18.27	24.13083	32.45	23.40	29.76
COD (Mn)	mg/l	12	2.83	3.9775	5.38	3.83	4.66
Cadmium (Cd)	µg/l	2	< 0.05	0.085	0.12		

Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.06818	0.2	0.05	0.10
Calcium (Ca++)	mg/l	12	41.2	50.725	61.66	51.58	55.55
Chloride (Cl-)	mg/l	9	21.3	29.1	39.6	39.60	39.60
Chromium (Cr) - total	µg/l	2	2.6	2.65	2.7		
Chromium (Cr), total	µg/l	11	1.1	1.86364	3.8	1.60	2.50
Conductivity	µS/cm	12	388	455.75	551	448.00	507.00
Copper (Cu)	µg/l	2	2.4	2.45	2.5		
Copper (Cu), dissolved	µg/l	11	1.6	2.97273	8.8	2.20	3.60
Dissolved oxygen	mg/l	12	6.36	9.18	11.8	8.80	6.80
Iron (Fe)	mg/l	1	0.46	0.46	0.46		
Lead (Pb)	µg/l	2	1.5	2.15	2.8		
Lead (Pb), dissolved	µg/l	11	1.1	1.85455	3.4	1.80	2.50
Lindane (gama-HCH)	µg/l	2	< 0.00425	< 0.00425	< 0.00425		
Magnesium (Mg++)	mg/l	12	7.01	18.24417	25.6	16.54	25.00
Manganese (Mn)	mg/l	1	0.03	0.03	0.03		
Mercury (Hg)	µg/l	2	0.042	0.065	0.088		
Mercury (Hg), dissolved	µg/l	11	0.031	0.04073	0.05	0.041	0.045
Nickel (Ni)	µg/l	2	1.6	1.65	1.7		
Nickel (Ni), dissolved	µg/l	11	1	1.34545	2.5	1.20	1.40
Nitrate (NO3-N)	mg/l	12	1.3289	1.71459	2.0046	1.7402	1.8984
Nitrite (NO2-N)	mg/l	12	0.0195	0.03252	0.0623	0.0298	0.041
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.03956	0.0769	0.0385	0.0626
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	7.11	7.11	7.11		
Potassium (K+)	mg/l	7	2.8	3.24286	3.8	3.80	3.80
Sodium (Na+)	mg/l	7	16.1	18.32857	20.4	20.40	20.40
Sulphate (SO4--)	mg/l	4	17.72	27.3	44.24	44.24	44.24
Suspended solids	mg/l	12	11	62.5	186	34.00	178.00
Temperature	°C	12	1	13.00833	23.1	12.60	22.00

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.72	2.2225	2.71	2.21	2.44
Total phosphorus	mg/l	12	< 0.009	0.06183	0.101	0.06	0.096
Zinc (Zn)	µg/l	2	3	6.5	10		
Zinc (Zn), dissolved	µg/l	11	1.8	4.10909	17	2.50	6.30
p,p'-DDT	µg/l	2	< 0.0025	< 0.0025	< 0.0025		
pH	-	12	7.2	7.77667	8.16	7.76	7.57

River: Arges **Catchment:** 12550.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 14 m **RO9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	3.07	3.43182	3.83	3.42	3.71
Ammonium (NH4-N)	mg/l	11	0.325	2.37891	4.363	2.221	3.60

Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	11	< 0.005	1.62	3	2.30	2.70
Arsenic (As), dissolved	µg/l	11	< 0.005	0.70364	2.7	0.005	2.50
BOD (5)	mg/l	11	3.4	4.65818	7.2	4.60	5.20
COD (Cr)	mg/l	11	10.4	16.06364	21.6	16.50	20.80
COD (Mn)	mg/l	9	4.6	5.55778	7.04	5.05	6.72
Cadmium (Cd)	µg/l	11	< 0.05	0.16064	0.997	0.05	0.32
Cadmium (Cd), dissolved	µg/l	11	< 0.05	0.11009	0.711	0.05	0.05
Calcium (Ca++)	mg/l	11	55.79	61.06909	66.1	61.07	64.20
Chloride (Cl-)	mg/l	11	26.37	31.82091	40.1	31.15	38.45
Chromium (Cr) - total	µg/l	11	1.5	13.15455	19.8	15.10	18.00
Chromium (Cr), total	µg/l	11	1.1	1.72727	2.8	1.40	2.70
Conductivity	µS/cm	11	383	444.09091	493	449.00	473.00
Copper (Cu)	µg/l	11	2.8	16.61818	32.8	14.30	32.00
Copper (Cu), dissolved	µg/l	11	< 0.5	5.39091	7.6	6.00	7.60
Dissolved oxygen	mg/l	11	5.1	7.64364	12.59	6.34	5.66
Iron (Fe)	mg/l	11	0.231	0.35934	0.587	0.327	0.528
Lead (Pb)	µg/l	11	0.87	3.98091	7.8	3.80	5.80
Lead (Pb), dissolved	µg/l	11	< 0.15	0.60727	2.2	0.45	0.79
Magnesium (Mg++)	mg/l	11	11.52	12.41	14.2	12.34	13.22
Manganese (Mn)	mg/l	11	0.049	0.08875	0.1762	0.077	0.148
Mercury (Hg)	µg/l	11	0.12	0.27127	0.54	0.18	0.45
Mercury (Hg), dissolved	µg/l	11	< 0.015	0.17936	0.37	0.14	0.36
Nickel (Ni)	µg/l	11	2.7	13.05455	52.5	10.00	19.50
Nickel (Ni), dissolved	µg/l	11	1.8	3.47273	9.1	2.50	4.80
Nitrate (NO3-N)	mg/l	11	< 0.09	1.33647	2.27	1.224	2.1243
Nitrite (NO2-N)	mg/l	11	0.042	0.05527	0.085	0.053	0.07
Orthophosphate (PO4-P)	mg/l	11	0.066	0.08597	0.114	0.084	0.105
Petroleum hydrocarbons	mg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	2.48	15.57333	43.12	43.12	43.12
Potassium (K+)	mg/l	11	3.9	5.18182	6.8	5.40	6.10
Silicates (SiO2)	mg/l	6	6.9	8.91667	10.5	10.50	10.50
Sodium (Na+)	mg/l	11	23.8	27.17273	31.6	27.10	29.30
Sulphate (SO4--)	mg/l	11	43.83	50.02364	63.4	47.83	56.88
Suspended solids	mg/l	11	38	51.90909	92	48.00	62.00
Temperature	°C	11	2	14.04545	27.5	15.00	26.00

River: Arges **Catchment:** 12550.00 km2 **2010**
Distance from mouth: 0 **Altitude:** 14 m **RO9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	9	3.29	4.32333	6.87	6.87	6.87
Total phosphorus	mg/l	11	0.092	0.12255	0.16	0.118	0.147
Zinc (Zn)	µg/l	11	5.3	24.28182	47.2	21.60	34.50
Zinc (Zn), dissolved	µg/l	11	3	8.79091	19.3	7.80	15.00
pH	-	11	6.97	7.44364	7.73	7.44	7.34

River: Danube **Catchment:** 210250.00 km2 **2010**
Distance from mouth: 1427 **Altitude:** 83 m **RS1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.9	3.40909	4	3.50	3.90
Ammonium (NH4-N)	mg/l	11	< 0.01	0.05091	0.16	0.04	0.11
Anionic active surfactants	mg/l	11	< 0.005	0.00864	0.03	0.005	0.02
Arsenic (As), dissolved	µg/l	11	< 0.5	1.95455	4	2.00	3.00
Atrazine	µg/l	11	< 0.01	0.01182	0.02	0.01	0.02
BOD (5)	mg/l	10	1.2	1.99	4	4.00	4.00
COD (Cr)	mg/l	11	10	15	22	14.00	22.00
COD (Mn)	mg/l	11	3.8	5.12727	6.2	5.50	5.80
Cadmium (Cd), dissolved	µg/l	11	< 0.0125	< 0.05227	< 0.1	0.0125	0.10
Calcium (Ca++)	mg/l	11	43	57.09091	69	59.00	66.00
Chloride (Cl-)	mg/l	11	15	24.45455	36	23.00	34.00
Chromium (Cr), total	µg/l	11	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	11	384	470.72727	574	459.00	532.00
Copper (Cu), dissolved	µg/l	11	4	16.63636	28	13.00	28.00
Dissolved oxygen	mg/l	10	8	10.64	12.6	8.00	8.00
Lead (Pb), dissolved	µg/l	11	< 0.25	0.93182	3	1.00	2.00
Lindane (gama-HCH)	µg/l	11	< 0.0005	< 0.00086	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	11	10	16.09091	22	15.00	19.00
Mercury (Hg), dissolved	µg/l	11	< 0.1	0.63636	6	0.10	0.10
Nickel (Ni), dissolved	µg/l	11	1	3.63636	16	2.00	5.00
Nitrate (NO3-N)	mg/l	11	1.26	2.12364	3.77	1.88	2.96
Nitrite (NO2-N)	mg/l	11	0.01	0.01945	0.034	0.016	0.032
Organic nitrogen	mg/l	11	0.2	0.61818	1.1	0.50	1.10
Orthophosphate (PO4-P)	mg/l	11	0.017	0.04582	0.065	0.056	0.063
Petroleum hydrocarbons	mg/l	11	< 0.01	< 0.01	< 0.01	0.01	0.01
Phenol index	mg/l	10	< 0.001	0.0014	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	8	< 1	27.6875	71.1	71.10	71.10
Potassium (K+)	mg/l	10	1.9	2.93	6	6.00	6.00
Sodium (Na+)	mg/l	10	9.3	16.44	23.1	23.10	23.10
Sulphate (SO4--)	mg/l	11	21	36.90909	54	38.00	46.00
Suspended solids	mg/l	10	3	30.9	78	78.00	78.00
TOC	mg/l	10	2.3	4.6	6.9	6.90	6.90
Temperature	°C	11	0.3	12.16364	22.3	13.10	20.70
Total nitrogen	mg/l	11	1.8	2.82727	5	2.50	3.50
Total phosphorus	mg/l	11	0.085	0.12027	0.169	0.113	0.152
Zinc (Zn), dissolved	µg/l	11	4	17.81818	31	19.00	25.00
p,p'-DDT	µg/l	11	< 0.0005	< 0.00086	< 0.001	0.001	0.001
pH	-	11	8	8.3	8.7	8.30	8.00

River: Tisa **Catchment:** 140130.00 km2 **2010**
Distance from mouth: 152 **Altitude:** 76 m **RS10**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
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Alkalinity - total	mmol/l	11	2	2.86364	3.9	2.90	3.20
Ammonium (NH4-N)	mg/l	11	< 0.01	0.06273	0.27	0.04	0.09
Anionic active surfactants	mg/l	11	< 0.005	0.00545	0.01	0.005	0.005
Arsenic (As), dissolved	µg/l	11	1	2.18182	4	2.00	4.00
Atrazine	µg/l	11	< 0.01	0.01664	0.044	0.01	0.039
BOD (5)	mg/l	11	1	1.76364	3.1	1.50	2.80
COD (Cr)	mg/l	11	9	16.45455	22	17.00	21.00
COD (Mn)	mg/l	11	4.9	6.40909	8.3	6.40	7.80
Cadmium (Cd), dissolved	µg/l	11	< 0.0125	0.06477	0.15	0.10	0.10
Calcium (Ca++)	mg/l	11	39	48.45455	60	50.00	52.00
Chloride (Cl-)	mg/l	11	16	31.45455	48	32.00	39.00
Chromium (Cr), total	µg/l	11	< 0.5	1.40909	3	1.00	2.00
Conductivity	µS/cm	11	310	457.09091	579	459.00	533.00
Copper (Cu), dissolved	µg/l	11	6	20.09091	31	22.00	30.00
Dissolved oxygen	mg/l	11	4.8	8.66364	12.6	8.70	5.00
Lead (Pb), dissolved	µg/l	11	< 0.25	0.68182	2	0.25	1.00
Lindane (gama-HCH)	µg/l	11	< 0.0005	< 0.00091	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	11	8	11.90909	16	12.00	14.00
Mercury (Hg), dissolved	µg/l	11	< 0.1	0.10909	0.2	0.10	0.10
Nickel (Ni), dissolved	µg/l	11	1	3.72727	16	2.00	10.00
Nitrate (NO3-N)	mg/l	11	0.51	1.10455	1.53	1.00	1.52
Nitrite (NO2-N)	mg/l	11	0.014	0.02673	0.043	0.023	0.04
Organic nitrogen	mg/l	11	< 0.05	0.40455	0.7	0.50	0.70
Orthophosphate (PO4-P)	mg/l	11	0.047	0.06655	0.091	0.062	0.088
Petroleum hydrocarbons	mg/l	11	< 0.01	< 0.01	< 0.01	0.01	0.01
Phenol index	mg/l	10	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	9	< 1	3.62222	9.5	9.50	9.50
Potassium (K+)	mg/l	11	1.5	3.16364	4.5	3.00	4.10
Sodium (Na+)	mg/l	11	15.2	28.55455	39.9	28.80	39.80
Sulphate (SO4--)	mg/l	11	30	44.90909	60	44.00	55.00
Suspended solids	mg/l	11	14	75.18182	161	63.00	121.00
TOC	mg/l	5	1	1.96	4.1	4.10	4.10
Temperature	°C	11	1.9	13.53636	26.2	12.30	24.30
Total nitrogen	mg/l	11	1.1	1.60909	2.2	1.60	2.00
Total phosphorus	mg/l	11	0.091	0.18845	0.396	0.154	0.30
Zinc (Zn), dissolved	µg/l	10	6	23.8	45	45.00	45.00
p,p'-DDT	µg/l	11	< 0.0005	< 0.00091	< 0.001	0.001	0.001
pH	-	11	7.7	7.94545	8.2	8.00	7.80

River: Tisa **Catchment:** 145415.00 km2 **2010**
Distance from mouth: 66 **Altitude:** 74 m **RS11**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2	2.88182	4	2.80	3.90
Ammonium (NH4-N)	mg/l	11	0.03	0.08455	0.32	0.06	0.12
Anionic active surfactants	mg/l	3	< 0.005	0.00667	0.01		
Arsenic (As), dissolved	µg/l	10	2	2.3	3	3.00	3.00
Atrazine	µg/l	2	< 0.01	< 0.01	< 0.01		

BOD (5)	mg/l	11	1.2	2.14545	3.6	1.80	3.10
COD (Mn)	mg/l	11	3.8	6.49091	11.5	6.00	8.80
Cadmium (Cd), dissolved	µg/l	10	< 0.0125	0.034	0.21	0.21	0.21
Calcium (Ca++)	mg/l	11	37	49.54545	60	49.00	59.00
Chloride (Cl-)	mg/l	11	18	33.63636	57	33.00	44.00
Chromium (Cr), total	µg/l	10	1	1.5	3	3.00	3.00
Conductivity	µS/cm	11	310	469.81818	601	477.00	579.00
Copper (Cu), dissolved	µg/l	10	7	13.2	21	21.00	21.00
Dissolved oxygen	mg/l	11	5.2	8.63636	12.3	8.90	5.20
Lead (Pb), dissolved	µg/l	10	< 0.25	0.425	2	2.00	2.00
Lindane (gama-HCH)	µg/l	2	< 0.001	< 0.001	< 0.001		
Magnesium (Mg++)	mg/l	11	8	12.18182	18	12.00	16.00
Mercury (Hg), dissolved	µg/l	10	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	10	1	9.6	34	34.00	34.00
Nitrate (NO3-N)	mg/l	11	0.66	1.08273	1.57	1.00	1.44
Nitrite (NO2-N)	mg/l	11	0.015	0.02491	0.039	0.025	0.035
Organic nitrogen	mg/l	9	< 0.05	0.52778	1	1.00	1.00
Orthophosphate (PO4-P)	mg/l	11	0.033	0.063	0.103	0.063	0.078
Petroleum hydrocarbons	mg/l	3	< 0.01	< 0.01	< 0.01		
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	< 1	4.88571	13	13.00	13.00
Potassium (K+)	mg/l	11	1.4	3.23636	4.9	3.90	4.00
Sodium (Na+)	mg/l	11	15.5	29.60909	45.6	28.30	45.20
Sulphate (SO4--)	mg/l	11	33	46.90909	63	45.00	61.00
Suspended solids	mg/l	11	14	89.72727	312	86.00	118.00
TOC	mg/l	7	1.8	4.44286	6.7	6.70	6.70
Temperature	°C	11	1.8	13.37273	26.7	12.60	24.20
Total nitrogen	mg/l	9	1.2	1.55556	2.4	2.40	2.40
Total phosphorus	mg/l	11	0.083	0.16264	0.408	0.13	0.206
Zinc (Zn), dissolved	µg/l	10	11	58.7	371	371.00	371.00
p,p'-DDT	µg/l	2	< 0.001	< 0.001	< 0.001		
pH	-	11	7.7	7.91818	8.1	8.00	7.80

River: Tisa **Catchment:** 157147.00 km2 **2010**
Distance from mouth: 9 **Altitude:** 73 m **RS12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	1.8	2.71111	3.5	3.50	3.50
Ammonium (NH4-N)	mg/l	9	0.02	0.16111	0.8	0.80	0.80
Anionic active surfactants	mg/l	3	< 0.005	0.01333	0.03		
Arsenic (As), dissolved	µg/l	8	2	2.625	4	4.00	4.00
Atrazine	µg/l	2	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	9	1	2.11111	3	3.00	3.00
COD (Mn)	mg/l	9	3.9	5.96667	9.2	9.20	9.20
Cadmium (Cd), dissolved	µg/l	8	< 0.0125	0.145	1	1.00	1.00
Calcium (Ca++)	mg/l	9	37	48.66667	60	60.00	60.00
Chloride (Cl-)	mg/l	9	19	31.55556	56	56.00	56.00
Chromium (Cr), total	µg/l	8	< 0.5	2.5625	7	7.00	7.00
Conductivity	µS/cm	9	286	452	568	568.00	568.00

Copper (Cu), dissolved	µg/l	8	8	19.875	33	33.00	33.00
Dissolved oxygen	mg/l	9	4.9	8.65556	12.6	4.90	4.90
Lead (Pb), dissolved	µg/l	8	< 0.25	1.8125	9	9.00	9.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	9	9	11.33333	15	15.00	15.00
Mercury (Hg), dissolved	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	8	2	10.875	51	51.00	51.00
Nitrate (NO3-N)	mg/l	9	0.54	1.11222	1.58	1.58	1.58
Nitrite (NO2-N)	mg/l	9	0.016	0.02256	0.03	0.03	0.03
Organic nitrogen	mg/l	8	0.2	0.575	1	1.00	1.00
Orthophosphate (PO4-P)	mg/l	9	0.046	0.08256	0.135	0.135	0.135
Petroleum hydrocarbons	mg/l	2	< 0.01	< 0.01	< 0.01		
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 1	7.41667	15.8	15.80	15.80
Potassium (K+)	mg/l	9	1.4	3.41111	5	5.00	5.00
Sodium (Na+)	mg/l	9	16.1	28.61111	41.8	41.80	41.80
Sulphate (SO4--)	mg/l	9	35	45	56	56.00	56.00
Suspended solids	mg/l	9	23	101.44444	340	340.00	340.00
TOC	mg/l	5	1.5	3.72	6.8	6.80	6.80
Temperature	°C	9	0.4	13.96667	24.6	24.60	24.60
Total nitrogen	mg/l	8	1.2	1.8	2.6	2.60	2.60
Total phosphorus	mg/l	9	0.123	0.187	0.254	0.254	0.254
Zinc (Zn), dissolved	µg/l	8	13	120.625	336	336.00	336.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	9	7.8	7.93333	8.1	7.80	7.80

River: Sava **Catchment:** 64073.00 km2 **2010**
Distance from mouth: 195 **Altitude:** 78 m **RS13**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3	3.51667	4	3.50	4.00
Ammonium (NH4-N)	mg/l	12	0.01	0.08417	0.3	0.07	0.14
Anionic active surfactants	mg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Arsenic (As), dissolved	µg/l	12	1	1.25	2	1.00	2.00
Atrazine	µg/l	2	0.02	0.03	0.04		
BOD (5)	mg/l	12	0.7	1.63333	2.4	1.60	2.30
COD (Mn)	mg/l	12	1.6	3.14167	4.7	3.10	4.70
Cadmium (Cd), dissolved	µg/l	12	< 0.0125	0.03	< 0.1	0.0125	0.10
Calcium (Ca++)	mg/l	12	54	66.41667	75	65.00	72.00
Chloride (Cl-)	mg/l	12	1	11.5	21	12.00	16.00
Chromium (Cr), total	µg/l	12	< 0.5	0.75	1	0.50	1.00
Conductivity	µS/cm	12	304	387.91667	441	380.00	436.00
Copper (Cu), dissolved	µg/l	12	5	10	15	9.00	15.00
Dissolved oxygen	mg/l	12	6.1	9.36667	12.4	9.70	6.10
Lead (Pb), dissolved	µg/l	12	< 0.25	0.5625	1	0.25	1.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	12	8	12.75	20	12.00	16.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	12	1	2	4	2.00	4.00

Nitrate (NO3-N)	mg/l	12	0.5	0.75833	1.1	0.80	1.00
Nitrite (NO2-N)	mg/l	12	0.01	0.01783	0.04	0.013	0.027
Organic nitrogen	mg/l	12	0.3	0.525	0.9	0.50	0.70
Orthophosphate (PO4-P)	mg/l	12	0.025	0.05075	0.099	0.044	0.069
Petroleum hydrocarbons	mg/l	4	< 0.01	< 0.01	< 0.01	0.01	0.01
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.5	2.51667	4.1	4.10	4.10
Potassium (K+)	mg/l	11	< 0.005	1.19136	2.9	1.20	1.50
Sodium (Na+)	mg/l	11	2	7.1	12.2	7.20	10.00
Sulphate (SO4--)	mg/l	12	16	22.41667	30	21.00	28.00
Suspended solids	mg/l	12	8	21.33333	53	16.00	40.00
TOC	mg/l	10	1.9	3.71	6	6.00	6.00
Temperature	°C	12	2.6	12.65	25.5	10.20	25.20
Total nitrogen	mg/l	12	1	1.375	1.8	1.30	1.80
Total phosphorus	mg/l	12	0.056	0.29567	1.795	0.12	0.60
Zinc (Zn), dissolved	µg/l	12	6	22.58333	76	19.00	29.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	12	7.8	8.04167	8.2	8.00	8.00

River: Sava **Catchment:** 87996.00 km2 **2010**
Distance from mouth: 136 **Altitude:** 75 m **RS14**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.8	3.425	3.9	3.50	3.80
Ammonium (NH4-N)	mg/l	12	< 0.005	0.03333	0.07	0.03	0.07
Anionic active surfactants	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	11	< 0.5	1.04545	2	1.00	1.00
Atrazine	µg/l	2	0.03	0.0805	0.131		
BOD (5)	mg/l	12	0.5	1	2.2	0.90	1.40
COD (Mn)	mg/l	12	1.5	2.625	5.6	2.30	3.00
Cadmium (Cd), dissolved	µg/l	11	< 0.0125	< 0.02045	< 0.1	0.0125	0.0125
Calcium (Ca++)	mg/l	12	34	62.08333	77	64.00	70.00
Chloride (Cl-)	mg/l	12	5	10.33333	18	10.00	16.00
Chromium (Cr), total	µg/l	11	< 0.5	0.90909	2	1.00	1.00
Conductivity	µS/cm	12	300	370.08333	437	363.00	414.00
Copper (Cu), dissolved	µg/l	11	3	8.81818	19	7.00	18.00
Dissolved oxygen	mg/l	12	7.6	9.80833	12.4	9.40	8.10
Lead (Pb), dissolved	µg/l	11	< 0.25	0.31818	1	0.25	0.25
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	12	10	14.58333	25	13.00	23.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	11	1	2.09091	5	2.00	4.00
Nitrate (NO3-N)	mg/l	12	0.3	0.70833	0.9	0.70	0.90
Nitrite (NO2-N)	mg/l	12	0.005	0.01692	0.11	0.008	0.015
Organic nitrogen	mg/l	11	0.1	0.42727	0.9	0.40	0.70
Orthophosphate (PO4-P)	mg/l	12	0.023	0.03883	0.063	0.034	0.06
Petroleum hydrocarbons	mg/l	3	< 0.01	< 0.01	< 0.01		
Phenol index	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001

Phytoplankton (biomass - chlorophyll-a)	µg/l	7	< 0.5	2.51429	6.2	6.20	6.20
Potassium (K+)	mg/l	4	0.7	0.875	1	1.00	1.00
Sodium (Na+)	mg/l	4	4.3	6.875	10.6	10.60	10.60
Sulphate (SO4--)	mg/l	12	14	19.58333	27	18.00	25.00
Suspended solids	mg/l	12	1	21.66667	95	10.00	69.00
TOC	mg/l	10	1.5	2.92	6	6.00	6.00
Temperature	°C	12	2.8	12.96667	24.5	11.40	24.20
Total nitrogen	mg/l	11	0.9	1.19091	1.7	1.30	1.30
Total phosphorus	mg/l	11	0.038	0.17209	0.505	0.098	0.50
Zinc (Zn), dissolved	µg/l	11	5	17	31	15.00	31.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	12	7.9	8.10833	8.2	8.20	7.90

River: Sava **Catchment:** 89490.00 km2 **2010**
Distance from mouth: 103 **Altitude:** 74 m **RS15**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.1	3.63333	4	3.60	4.00
Ammonium (NH4-N)	mg/l	12	< 0.005	0.03917	0.12	0.03	0.06
Anionic active surfactants	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	12	< 0.5	1.625	8	1.00	2.00
Atrazine	µg/l	2	0.02	0.066	0.112		
BOD (5)	mg/l	12	< 0.1	1.29167	2.6	1.10	1.60
COD (Mn)	mg/l	12	2.2	3.29167	4.9	3.00	4.70
Cadmium (Cd), dissolved	µg/l	12	< 0.0125	< 0.01979	< 0.1	0.0125	0.0125
Calcium (Ca++)	mg/l	12	59	65.41667	77	65.00	70.00
Chloride (Cl-)	mg/l	12	7	12.91667	21	12.00	20.00
Chromium (Cr), total	µg/l	12	< 0.5	0.66667	1	0.50	1.00
Conductivity	µS/cm	12	309	385.66667	458	373.00	447.00
Copper (Cu), dissolved	µg/l	12	3	9.75	28	8.00	12.00
Dissolved oxygen	mg/l	12	7.3	9.71667	12.1	9.60	8.00
Lead (Pb), dissolved	µg/l	12	< 0.25	0.375	1	0.25	1.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	12	6	12.25	26	11.00	19.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.45833	8	2.00	5.00
Nitrate (NO3-N)	mg/l	12	0.4	0.74167	1	0.80	0.90
Nitrite (NO2-N)	mg/l	12	0.005	0.01042	0.026	0.008	0.015
Organic nitrogen	mg/l	11	0.1	0.35455	0.6	0.40	0.50
Orthophosphate (PO4-P)	mg/l	12	0.01	0.03583	0.05	0.036	0.047
Petroleum hydrocarbons	mg/l	4	< 0.01	< 0.01	< 0.01	0.01	0.01
Phenol index	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.5	2.73333	4.9	4.90	4.90
Potassium (K+)	mg/l	11	0.7	1.01818	1.4	1.00	1.20
Sodium (Na+)	mg/l	11	4.4	7.22727	10.7	6.60	10.70
Sulphate (SO4--)	mg/l	12	14	20.08333	27	18.00	25.00
Suspended solids	mg/l	12	1	13	34	11.00	20.00
TOC	mg/l	10	1.7	3.07	4.9	4.90	4.90

Temperature	°C	12	3	13.06667	24.9	11.80	24.50
Total nitrogen	mg/l	11	0.9	1.15455	1.5	1.20	1.40
Total phosphorus	mg/l	11	0.05	0.153	0.553	0.10	0.40
Zinc (Zn), dissolved	µg/l	12	5	18.75	45	14.00	44.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	12	7.8	8.05833	8.3	8.00	7.90

River: Sava **Catchment:** 37320.00 km2 **2010**
Distance from mouth: 17 **Altitude:** m **RS16**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.1	3.725	4.8	3.70	4.00
Ammonium (NH4-N)	mg/l	12	0.01	0.04583	0.16	0.03	0.09
Anionic active surfactants	mg/l	11	< 0.005	0.00545	0.01	0.005	0.005
Arsenic (As), dissolved	µg/l	10	< 0.5	1.75	3	3.00	3.00
Atrazine	µg/l	3	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	12	1	1.90833	3.2	1.80	2.80
COD (Mn)	mg/l	12	1.7	3.44167	5.9	3.10	4.90
Cadmium (Cd), dissolved	µg/l	10	< 0.0125	0.07775	0.4	0.40	0.40
Calcium (Ca++)	mg/l	12	54	60.83333	68	59.00	67.00
Chloride (Cl-)	mg/l	12	7	11.08333	17	10.00	15.00
Chromium (Cr), total	µg/l	10	< 0.5	0.8	1	1.00	1.00
Conductivity	µS/cm	12	330	381.41667	490	364.00	439.00
Copper (Cu), dissolved	µg/l	10	2	9.7	28	28.00	28.00
Dissolved oxygen	mg/l	12	5.8	9.20833	12	8.70	6.90
Lead (Pb), dissolved	µg/l	10	< 0.25	0.425	2	2.00	2.00
Lindane (gama-HCH)	µg/l	3	< 0.001	< 0.001	< 0.001		
Magnesium (Mg++)	mg/l	12	7	14	23	13.00	21.00
Mercury (Hg), dissolved	µg/l	10	< 0.1	0.19	1	1.00	1.00
Nickel (Ni), dissolved	µg/l	10	1	2.3	6	6.00	6.00
Nitrate (NO3-N)	mg/l	12	0.1	0.41917	1.06	0.30	0.87
Nitrite (NO2-N)	mg/l	12	0.003	0.00983	0.02	0.008	0.014
Organic nitrogen	mg/l	10	0.3	0.88	1.4	1.40	1.40
Orthophosphate (PO4-P)	mg/l	12	0.016	0.02883	0.044	0.027	0.043
Petroleum hydrocarbons	mg/l	3	< 0.01	< 0.01	< 0.01		
Phenol index	mg/l	10	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.5	3.91667	10.2	10.20	10.20
Potassium (K+)	mg/l	11	0.8	0.95455	1.3	1.00	1.10
Sodium (Na+)	mg/l	11	5.1	6.93636	10	6.10	10.00
Sulphate (SO4--)	mg/l	12	11	19.83333	32	17.00	28.00
Suspended solids	mg/l	12	3	16.16667	46	12.00	26.00
TOC	mg/l	8	1.7	3.2	6.2	6.20	6.20
Temperature	°C	12	5.5	14.9	27.9	13.30	27.10
Total nitrogen	mg/l	10	1	1.44	2.1	2.10	2.10
Total phosphorus	mg/l	10	0.047	0.0945	0.189	0.189	0.189
Zinc (Zn), dissolved	µg/l	10	2	9.4	25	25.00	25.00
p,p'-DDT	µg/l	3	< 0.001	< 0.001	< 0.001		
pH	-	12	7	7.81667	8.3	8.00	7.30

River: Velika Morava **Catchment:** 37320.00 km2 **2010**
Distance from mouth: 35 **Altitude:** 75 m **RS17**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.6	3.84167	5.1	3.90	5.00
Ammonium (NH4-N)	mg/l	12	0.02	0.2725	0.95	0.17	0.71
Anionic active surfactants	mg/l	4	< 0.005	0.0075	0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	1	2.75	4	3.00	4.00
Atrazine	µg/l	2	0.02	0.078	0.136		
BOD (5)	mg/l	12	1.3	3.5	5.7	3.50	4.80
COD (Mn)	mg/l	12	3.2	6.4	12.7	5.10	8.60
Cadmium (Cd), dissolved	µg/l	12	< 0.0125	< 0.02708	< 0.1	0.0125	0.10
Calcium (Ca++)	mg/l	12	45	61.08333	79	64.00	70.00
Chloride (Cl-)	mg/l	11	6	12.36364	18	12.00	17.00
Chromium (Cr), total	µg/l	12	< 0.5	0.875	1	1.00	1.00
Conductivity	µS/cm	12	315	428.58333	569	424.00	551.00
Copper (Cu), dissolved	µg/l	12	6	15.08333	33	12.00	33.00
Dissolved oxygen	mg/l	12	9.1	11.28333	13.1	11.10	9.40
Lead (Pb), dissolved	µg/l	12	< 0.25	0.64583	2	0.25	1.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	12	11	19.33333	28	14.00	27.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	0.11667	0.2	0.10	0.20
Nickel (Ni), dissolved	µg/l	12	2	3.33333	5	3.00	5.00
Nitrate (NO3-N)	mg/l	12	0.3	1.05	2.2	0.70	2.10
Nitrite (NO2-N)	mg/l	12	0.02	0.06358	0.118	0.055	0.108
Organic nitrogen	mg/l	11	< 0.05	0.83182	2	0.80	1.70
Orthophosphate (PO4-P)	mg/l	12	0.029	0.107	0.176	0.094	0.159
Petroleum hydrocarbons	mg/l	3	< 0.01	< 0.01	< 0.01		
Phenol index	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	4	32.2	87.7		
Potassium (K+)	mg/l	4	1.8	3.5	7	7.00	7.00
Sodium (Na+)	mg/l	4	8.9	13.925	19.3	19.30	19.30
Sulphate (SO4--)	mg/l	12	11	40.41667	84	37.00	60.00
Suspended solids	mg/l	12	5	135.33333	543	36.00	395.00
TOC	mg/l	8	2.4	4.8875	7.6	7.60	7.60
Temperature	°C	12	4.3	13.20833	25.8	12.20	25.20
Total nitrogen	mg/l	11	1.5	2.10909	2.6	2.10	2.40
Total phosphorus	mg/l	11	0.124	0.33355	0.788	0.265	0.648
Zinc (Zn), dissolved	µg/l	12	4	11.83333	38	10.00	15.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	12	7.6	8.025	8.4	7.90	7.80

River: Danube **Catchment:** 251253.00 km2 **2010**
Distance from mouth: 1367 **Altitude:** 80 m **RS2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	2.8	3.26667	4	4.00	4.00
Ammonium (NH4-N)	mg/l	9	< 0.01	0.02889	0.06	0.06	0.06
Anionic active surfactants	mg/l	4	< 0.005	0.0075	0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	9	1	2	3	3.00	3.00
Atrazine	µg/l	2	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	9	1	1.82222	2.4	2.40	2.40
COD (Mn)	mg/l	9	3.5	5.03333	6.9	6.90	6.90
Cadmium (Cd), dissolved	µg/l	9	< 0.0125	< 0.0125	< 0.0125	0.0125	0.0125
Calcium (Ca++)	mg/l	9	44	54.77778	64	64.00	64.00
Chloride (Cl-)	mg/l	8	16	21.75	31	31.00	31.00
Chromium (Cr), total	µg/l	9	< 0.5	0.83333	3	3.00	3.00
Conductivity	µS/cm	9	374	450.44444	525	525.00	525.00
Copper (Cu), dissolved	µg/l	9	5	12.33333	21	21.00	21.00
Dissolved oxygen	mg/l	9	7.5	9.45556	12.4	7.50	7.50
Lead (Pb), dissolved	µg/l	9	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	2	< 0.001	< 0.001	< 0.001		
Magnesium (Mg++)	mg/l	9	10	15	20	20.00	20.00
Mercury (Hg), dissolved	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	9	1	5.55556	25	25.00	25.00
Nitrate (NO3-N)	mg/l	9	1.3	1.84778	3.2	3.20	3.20
Nitrite (NO2-N)	mg/l	9	0.008	0.01711	0.032	0.032	0.032
Organic nitrogen	mg/l	9	< 0.05	0.58889	1	1.00	1.00
Orthophosphate (PO4-P)	mg/l	9	0.03	0.04878	0.069	0.069	0.069
Phytoplankton (biomass - chlorophyll-a)	µg/l	8	< 1	15.3	37.9	37.90	37.90
Potassium (K+)	mg/l	8	2	2.3625	3	3.00	3.00
Sodium (Na+)	mg/l	8	9.2	14.4875	22.5	22.50	22.50
Sulphate (SO4--)	mg/l	9	26	35.55556	50	50.00	50.00
Suspended solids	mg/l	9	11	33.11111	66	66.00	66.00
TOC	mg/l	5	2.5	3.74	4.9	4.90	4.90
Temperature	°C	9	4.7	14.72222	22.4	22.40	22.40
Total nitrogen	mg/l	9	1.8	2.36667	3.7	3.70	3.70
Total phosphorus	mg/l	9	0.1	0.13933	0.173	0.173	0.173
Zinc (Zn), dissolved	µg/l	9	7	16.77778	36	36.00	36.00
p,p'-DDT	µg/l	2	< 0.001	< 0.001	< 0.001		
pH	-	9	7.9	8.16667	8.4	7.90	7.90

River: Danube **Catchment:** 254085.00 km2 **2010**
Distance from mouth: 1258 **Altitude:** 75 m **RS3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.9	3.51667	4.6	3.40	4.00
Ammonium (NH4-N)	mg/l	12	0.04	0.085	0.16	0.06	0.14
Anionic active surfactants	mg/l	10	< 0.005	0.014	0.06	0.06	0.06
Arsenic (As), dissolved	µg/l	12	1	2	4	2.00	2.00
Atrazine	µg/l	1	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	12	1.6	2.725	4.6	2.60	3.70
COD (Mn)	mg/l	12	3.1	4.3	6.3	4.10	5.20

Cadmium (Cd), dissolved	µg/l	12	< 0.0125	0.26292	3	0.0125	0.03
Calcium (Ca++)	mg/l	12	37	56.66667	69	57.00	65.00
Chloride (Cl-)	mg/l	12	16	24	34	23.00	33.00
Chromium (Cr), total	µg/l	12	< 0.5	1.29167	4	0.50	4.00
Conductivity	µS/cm	12	420	481.66667	555	472.00	542.00
Copper (Cu), dissolved	µg/l	12	4	31.58333	198	12.00	59.00
Dissolved oxygen	mg/l	12	7.2	10.1	12.9	10.30	7.40
Lead (Pb), dissolved	µg/l	12	< 0.25	1.25	8	0.25	3.00
Lindane (gama-HCH)	µg/l	1	< 0.0005	< 0.0005	< 0.0005		
Magnesium (Mg++)	mg/l	12	12	17.41667	21	17.00	21.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	12	1	10.91667	44	2.00	41.00
Nitrate (NO3-N)	mg/l	12	0.83	2.06	3.7	1.88	3.21
Nitrite (NO2-N)	mg/l	12	0.012	0.02442	0.046	0.02	0.038
Organic nitrogen	mg/l	10	0.1	0.44	1.2	1.20	1.20
Orthophosphate (PO4-P)	mg/l	12	0.022	0.05742	0.08	0.058	0.073
Petroleum hydrocarbons	mg/l	3	< 0.01	< 0.01	< 0.01		
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	1.2	18.6	55.7	55.70	55.70
Potassium (K+)	mg/l	12	1.9	2.39167	3.3	2.20	3.00
Sodium (Na+)	mg/l	12	10.1	17.29167	28.5	13.70	25.70
Sulphate (SO4--)	mg/l	12	27	38	46	39.00	45.00
Suspended solids	mg/l	12	6	20.58333	41	15.00	41.00
TOC	mg/l	2	2.7	3.15	3.6		
Temperature	°C	12	0.8	11.48333	23.2	10.20	21.80
Total nitrogen	mg/l	10	0.9	2.35	4.5	4.50	4.50
Total phosphorus	mg/l	12	0.087	0.10975	0.161	0.103	0.137
Zinc (Zn), dissolved	µg/l	12	7	121.83333	805	28.00	293.00
p,p'-DDT	µg/l	1	< 0.0005	< 0.0005	< 0.0005		
pH	-	12	7.9	8.18333	8.7	8.10	8.00

River: Danube **Catchment:** 412762.00 km2 **2010**
Distance from mouth: 1174 **Altitude:** 71 m **RS4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3	3.55	5	3.40	3.90
Ammonium (NH4-N)	mg/l	12	0.01	0.11	0.26	0.09	0.23
Anionic active surfactants	mg/l	4	< 0.005	0.00625	0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	10	1	1.8	2	2.00	2.00
Atrazine	µg/l	3	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	11	1	2.11818	4.1	2.00	3.20
COD (Mn)	mg/l	12	1.7	3.56667	5.8	3.20	5.10
Cadmium (Cd), dissolved	µg/l	10	< 0.0125	0.054	0.18	0.18	0.18
Calcium (Ca++)	mg/l	12	49	59.25	67	61.00	67.00
Chloride (Cl-)	mg/l	12	12	17.75	30	16.00	21.00
Chromium (Cr), total	µg/l	10	< 0.5	1.05	3	3.00	3.00
Conductivity	µS/cm	12	345	413.58333	511	404.00	501.00
Copper (Cu), dissolved	µg/l	10	3	7.1	13	13.00	13.00
Dissolved oxygen	mg/l	12	5.8	9.125	12	8.60	5.80

Lead (Pb), dissolved	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	3	< 0.001	< 0.001	< 0.001		
Magnesium (Mg++)	mg/l	12	12	17.16667	25	14.00	24.00
Mercury (Hg), dissolved	µg/l	10	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	10	1	1.9	3	3.00	3.00
Nitrate (NO3-N)	mg/l	12	0.2	0.5675	1.37	0.40	1.14
Nitrite (NO2-N)	mg/l	12	0.002	0.01592	0.032	0.015	0.032
Organic nitrogen	mg/l	10	0.2	1.17	2.4	2.40	2.40
Orthophosphate (PO4-P)	mg/l	12	0.012	0.04317	0.059	0.046	0.055
Phenol index	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	< 0.5	7.65714	16.6	16.60	16.60
Potassium (K+)	mg/l	11	1.5	2.08182	2.9	2.00	2.80
Sodium (Na+)	mg/l	11	9.8	12.46364	15.7	11.80	15.50
Sulphate (SO4--)	mg/l	12	23	32.41667	47	29.00	44.00
Suspended solids	mg/l	12	7	23.25	64	18.00	36.00
TOC	mg/l	9	2.5	3.58889	6.3	6.30	6.30
Temperature	°C	12	4.7	14.225	24	13.30	22.80
Total nitrogen	mg/l	10	1.5	1.94	2.9	2.90	2.90
Total phosphorus	mg/l	10	0.067	0.1112	0.162	0.162	0.162
Zinc (Zn), dissolved	µg/l	10	2	6	16	16.00	16.00
p,p'-DDT	µg/l	3	< 0.001	< 0.001	< 0.001		
pH	-	12	7.2	7.9	8.4	7.90	7.30

River: Danube **Catchment:** 525009.00 km2 **2010**
Distance from mouth: 1154 **Altitude:** 70 m **RS5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.5	3.14545	4	3.00	3.80
Ammonium (NH4-N)	mg/l	11	0.03	0.08455	0.23	0.07	0.14
Anionic active surfactants	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	10	2	2.1	3	3.00	3.00
Atrazine	µg/l	1	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	11	1	2.09091	3.2	2.00	3.20
COD (Mn)	mg/l	11	3.9	5.76364	7.9	5.60	6.70
Cadmium (Cd), dissolved	µg/l	10	< 0.0125	< 0.0125	< 0.0125	0.0125	0.0125
Calcium (Ca++)	mg/l	11	43	51.90909	62	50.00	60.00
Chloride (Cl-)	mg/l	11	17	25.72727	39	26.00	33.00
Chromium (Cr), total	µg/l	10	< 0.5	1.35	4	4.00	4.00
Conductivity	µS/cm	11	389	457.63636	549	462.00	549.00
Copper (Cu), dissolved	µg/l	10	7	14.1	23	23.00	23.00
Dissolved oxygen	mg/l	11	4.5	8.94545	12.1	9.10	6.50
Lead (Pb), dissolved	µg/l	10	< 0.25	1	7	7.00	7.00
Lindane (gama-HCH)	µg/l	1	< 0.0005	< 0.0005	< 0.0005		
Magnesium (Mg++)	mg/l	11	10	13.63636	19	13.00	18.00
Mercury (Hg), dissolved	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	10	2	4.5	13	13.00	13.00
Nitrate (NO3-N)	mg/l	11	0.7	1.39636	2.03	1.43	1.81
Nitrite (NO2-N)	mg/l	11	0.01	0.02864	0.051	0.027	0.043

Organic nitrogen	mg/l	9	< 0.05	0.33333	0.7	0.70	0.70
Orthophosphate (PO4-P)	mg/l	11	0.044	0.06973	0.107	0.071	0.094
Petroleum hydrocarbons	mg/l	10	< 0.01	< 0.01	< 0.01	0.01	0.01
Phytoplankton (biomass - chlorophyll-a)	µg/l	8	< 1	11.8375	34.6	34.60	34.60
Potassium (K+)	mg/l	11	1.4	4.50909	20.8	3.00	4.10
Sodium (Na+)	mg/l	11	11.3	22.84545	33.2	23.10	32.20
Sulphate (SO4--)	mg/l	11	29	41.36364	50	43.00	49.00
Suspended solids	mg/l	11	4	52.36364	123	48.00	98.00
TOC	mg/l	4	2.9	5.225	7.1	7.10	7.10
Temperature	°C	11	0.8	13.1	24.4	13.00	23.20
Total nitrogen	mg/l	9	1.4	1.81111	2.5	2.50	2.50
Total phosphorus	mg/l	11	0.1	0.15964	0.218	0.151	0.20
Zinc (Zn), dissolved	µg/l	10	11	70.1	475	475.00	475.00
p,p'-DDT	µg/l	1	< 0.0005	< 0.0005	< 0.0005		
pH	-	11	7.8	8.13636	8.4	8.20	8.00

River: Danube **Catchment:** 568648.00 km2 **2010**
Distance from mouth: 1076 **Altitude:** 69 m **RS6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	10	2.8	3.22	4	4.00	4.00
Ammonium (NH4-N)	mg/l	10	0.11	0.162	0.22	0.22	0.22
Anionic active surfactants	mg/l	10	< 0.005	0.0105	0.03	0.03	0.03
Arsenic (As)	µg/l	10	2	3.2	5	5.00	5.00
Arsenic (As), dissolved	µg/l	9	1	1.77778	2	2.00	2.00
Atrazine	µg/l	10	< 0.01	0.0184	0.05	0.05	0.05
BOD (5)	mg/l	10	1.3	1.95	2.7	2.70	2.70
COD (Cr)	mg/l	10	11	14.1	26	26.00	26.00
COD (Mn)	mg/l	10	3.6	4.94	10.5	10.50	10.50
Cadmium (Cd)	µg/l	10	< 0.01	0.145	1	1.00	1.00
Cadmium (Cd), dissolved	µg/l	10	< 0.0125	< 0.0475	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	10	47	53.7	69	69.00	69.00
Chloride (Cl-)	mg/l	10	18	22	32	32.00	32.00
Chromium (Cr) - total	µg/l	10	2	4.2	13	13.00	13.00
Chromium (Cr), total	µg/l	10	< 0.5	0.75	1	1.00	1.00
Conductivity	µS/cm	10	371	447.8	527	527.00	527.00
Copper (Cu)	µg/l	10	6	34.3	120	120.00	120.00
Copper (Cu), dissolved	µg/l	7	7	14.71429	26	26.00	26.00
Dissolved oxygen	mg/l	10	4.5	9.36	13.1	4.50	4.50
Iron (Fe)	mg/l	10	0.68	1.616	5.6	5.60	5.60
Lead (Pb)	µg/l	10	< 0.25	2.725	7	7.00	7.00
Lead (Pb), dissolved	µg/l	8	< 0.25	0.34375	1	1.00	1.00
Lindane (gama-HCH)	µg/l	10	< 0.0005	< 0.00095	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	10	10	13.4	16	16.00	16.00
Manganese (Mn)	mg/l	10	< 0.005	0.1365	0.78	0.78	0.78
Mercury (Hg)	µg/l	10	< 0.1	0.12	0.2	0.20	0.20
Mercury (Hg), dissolved	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni)	µg/l	10	3	6.5	12	12.00	12.00

Nickel (Ni), dissolved	µg/l	10	1	3.2	7	7.00	7.00
Nitrate (NO3-N)	mg/l	10	1	1.468	2.14	2.14	2.14
Nitrite (NO2-N)	mg/l	10	0.006	0.018	0.028	0.028	0.028
Organic nitrogen	mg/l	10	< 0.05	0.435	0.8	0.80	0.80
Orthophosphate (PO4-P)	mg/l	10	0.03	0.0538	0.088	0.088	0.088
Petroleum hydrocarbons	mg/l	10	< 0.01	< 0.01	< 0.01	0.01	0.01
Phenol index	mg/l	9	< 0.001	0.00133	0.003	0.003	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	< 1	7.04286	14.2	14.20	14.20
Potassium (K+)	mg/l	10	1.8	2.35	3.1	3.10	3.10
Sodium (Na+)	mg/l	10	13.3	17.34	20.6	20.60	20.60

River: Danube **Catchment:** 568648.00 km2 **2010**
Distance from mouth: 1076 **Altitude:** 69 m **RS6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	10	23	33	40	40.00	40.00
Suspended solids	mg/l	10	20	51.3	222	222.00	222.00
TOC	mg/l	5	1.6	2.68	4.4	4.40	4.40
Temperature	°C	10	1.9	12.43	24	24.00	24.00
Total nitrogen	mg/l	10	1.6	2.06	3.1	3.10	3.10
Total phosphorus	mg/l	10	0.11	0.1557	0.273	0.273	0.273
Zinc (Zn)	µg/l	10	20	44.1	62	62.00	62.00
Zinc (Zn), dissolved	µg/l	5	22	31.8	49	49.00	49.00
p,p'-DDT	µg/l	10	< 0.0005	< 0.00095	< 0.001	0.001	0.001
pH	-	10	7.5	7.9	8.1	7.50	7.50

River: Danube **Catchment:** 574307.00 km2 **2010**
Distance from mouth: 954 **Altitude:** 0 m **RS7**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3	3.50833	4	3.50	4.00
Ammonium (NH4-N)	mg/l	12	< 0.005	0.1225	0.36	0.09	0.22
Anionic active surfactants	mg/l	5	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As), dissolved	µg/l	12	1	2	3	2.00	3.00
Atrazine	µg/l	2	< 0.01	0.015	0.02		
BOD (5)	mg/l	12	0.9	2	3.8	1.70	3.60
COD (Mn)	mg/l	12	2.3	3.48333	5.5	2.90	4.80
Cadmium (Cd), dissolved	µg/l	12	< 0.0125	0.24646	1.72	0.05	0.69
Calcium (Ca++)	mg/l	12	40	58.91667	74	59.00	66.00
Chloride (Cl-)	mg/l	12	13	18.58333	26	18.00	25.00
Chromium (Cr), total	µg/l	12	< 0.5	0.79167	2	0.50	1.00
Conductivity	µS/cm	12	344	400.5	495	391.00	451.00
Copper (Cu), dissolved	µg/l	12	4	31.58333	260	8.00	39.00
Dissolved oxygen	mg/l	12	6.1	9.125	12	9.60	6.10
Lead (Pb), dissolved	µg/l	12	< 0.25	0.625	4	0.25	1.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		

Magnesium (Mg ⁺⁺)	mg/l	12	8	17.25	32	15.00	26.00
Mercury (Hg), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.125	4	2.00	3.00
Nitrate (NO ₃ -N)	mg/l	12	0.1	0.51667	1.2	0.50	0.90
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.01575	0.043	0.013	0.031
Organic nitrogen	mg/l	12	0.5	1.31667	2.4	1.20	1.90
Orthophosphate (PO ₄ -P)	mg/l	12	0.03	0.05425	0.074	0.047	0.073
Petroleum hydrocarbons	mg/l	4	< 0.01	0.01925	0.047	0.047	0.047
Phenol index	mg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	< 0.5	2.87143	9	9.00	9.00
Potassium (K ⁺)	mg/l	10	1.9	2.49	3.1	3.10	3.10
Sodium (Na ⁺)	mg/l	10	9.8	14.29	18.8	18.80	18.80
Sulphate (SO ₄ ⁻⁻)	mg/l	12	27	37.5	75	33.00	45.00
Suspended solids	mg/l	12	3	13.83333	32	11.00	32.00
TOC	mg/l	12	3.2	4.54167	7.3	4.50	5.40
Temperature	°C	12	2.1	13.425	27.7	11.80	24.70
Total nitrogen	mg/l	12	1.4	1.99167	3	2.00	2.50
Total phosphorus	mg/l	12	0.057	0.08867	0.131	0.081	0.123
Zinc (Zn), dissolved	µg/l	12	2	10.91667	29	6.00	23.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	12	7.8	8.06667	8.3	8.00	7.90

River: Danube **Catchment:** 577085.00 km² **2010**
Distance from mouth: 851 **Altitude:** 32 m **RS8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.5	3.43333	4	3.40	4.00
Ammonium (NH ₄ -N)	mg/l	12	0.05	0.125	0.32	0.09	0.24
Anionic active surfactants	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As)	µg/l	11	1	4.54545	25	3.00	4.00
Arsenic (As), dissolved	µg/l	10	< 0.5	1.75	3	3.00	3.00
Atrazine	µg/l	12	< 0.01	0.01092	0.021	0.01	0.01
BOD (5)	mg/l	12	1.1	2.125	3.3	2.10	3.20
COD (Cr)	mg/l	9	5	8.17778	12.8	12.80	12.80
COD (Mn)	mg/l	12	3	3.825	5.4	3.70	4.60
Cadmium (Cd)	µg/l	11	< 0.01	0.07909	0.3	0.01	0.20
Cadmium (Cd), dissolved	µg/l	6	< 0.0125	< 0.02708	< 0.1	0.10	0.10
Calcium (Ca ⁺⁺)	mg/l	12	52	61.16667	73	58.00	73.00
Chloride (Cl ⁻)	mg/l	12	13	17.58333	24	16.00	22.00
Chromium (Cr) - total	µg/l	11	< 0.5	3.59091	9	3.00	6.00
Chromium (Cr), total	µg/l	9	< 0.5	0.72222	1	1.00	1.00
Conductivity	µS/cm	12	357	418.33333	481	404.00	477.00
Copper (Cu)	µg/l	11	4	18.18182	37	14.00	30.00
Copper (Cu), dissolved	µg/l	7	4	10	28	28.00	28.00
Dissolved oxygen	mg/l	12	5.4	9.54167	13.6	9.20	5.60
Iron (Fe)	mg/l	11	0.33	1.09364	2.47	0.90	2.46
Lead (Pb)	µg/l	11	< 0.25	1.68182	5	1.00	4.00
Lead (Pb), dissolved	µg/l	9	< 0.25	0.44444	2	2.00	2.00

Lindane (gama-HCH)	µg/l	12	< 0.0005	< 0.00088	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	10	15.91667	28	14.00	20.00
Manganese (Mn)	mg/l	11	< 0.005	0.025	0.08	0.02	0.05
Mercury (Hg)	µg/l	11	< 0.1	< 0.1	< 0.1	0.10	0.10
Mercury (Hg), dissolved	µg/l	11	< 0.1	0.10909	0.2	0.10	0.10
Nickel (Ni)	µg/l	11	2	7.54545	20	6.00	17.00
Nickel (Ni), dissolved	µg/l	10	1	2.7	7	7.00	7.00
Nitrate (NO3-N)	mg/l	12	0.1	0.625	1.3	0.60	0.90
Nitrite (NO2-N)	mg/l	12	< 0.001	0.02317	0.063	0.019	0.036
Organic nitrogen	mg/l	12	0.6	1.05833	1.5	1.00	1.50
Orthophosphate (PO4-P)	mg/l	12	0.035	0.11825	0.646	0.063	0.133
Petroleum hydrocarbons	mg/l	12	< 0.01	0.01092	0.021	0.01	0.01
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	10	< 0.5	3.78	18	18.00	18.00
Potassium (K+)	mg/l	11	1.8	2.17273	3	2.00	2.70
Sodium (Na+)	mg/l	11	11.8	13.21818	16.7	12.90	14.30

River: Danube **Catchment:** 577085.00 km2 **2010**
Distance from mouth: 851 **Altitude:** 32 m **RS8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	12	18	34.08333	56	33.00	40.00
Suspended solids	mg/l	12	3	18.33333	44	13.00	40.00
TOC	mg/l	10	3	4.17	6.3	6.30	6.30
Temperature	°C	12	2	13.11667	26.5	10.40	24.30
Total nitrogen	mg/l	12	1.3	1.825	2.2	1.70	2.20
Total phosphorus	mg/l	12	0.066	0.19642	0.795	0.114	0.287
Zinc (Zn)	µg/l	11	10	38.09091	84	37.00	67.00
Zinc (Zn), dissolved	µg/l	10	3	9.2	20	20.00	20.00
p,p'-DDT	µg/l	12	< 0.0005	< 0.00088	< 0.001	0.001	0.001
pH	-	12	7.5	7.85833	8.2	7.90	7.50

River: Danube **Catchment:** 253737.00 km2 **2010**
Distance from mouth: 1287 **Altitude:** 0 m **RS9**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	8	2.7	3.2625	4	4.00	4.00
Ammonium (NH4-N)	mg/l	8	0.02	0.06125	0.2	0.20	0.20
Anionic active surfactants	mg/l	4	< 0.005	0.00875	0.02	0.02	0.02
Arsenic (As), dissolved	µg/l	8	1	2	3	3.00	3.00
Atrazine	µg/l	2	< 0.01	< 0.01	< 0.01		
BOD (5)	mg/l	7	1	2.05714	4.3	4.30	4.30
COD (Mn)	mg/l	8	3.9	5.325	7.7	7.70	7.70
Cadmium (Cd), dissolved	µg/l	8	< 0.0125	< 0.0125	< 0.0125	0.0125	0.0125
Calcium (Ca++)	mg/l	8	48	53.875	66	66.00	66.00
Chloride (Cl-)	mg/l	8	17	20.75	31	31.00	31.00

Chromium (Cr), total	µg/l	8	< 0.5	2.375	5	5.00	5.00
Conductivity	µS/cm	8	391	451.125	540	540.00	540.00
Copper (Cu), dissolved	µg/l	8	6	30	110	110.00	110.00
Dissolved oxygen	mg/l	8	3.2	8.7625	13.7	3.20	3.20
Lead (Pb), dissolved	µg/l	8	< 0.25	1.875	7	7.00	7.00
Lindane (gama-HCH)	µg/l	2	< 0.0005	< 0.00075	< 0.001		
Magnesium (Mg++)	mg/l	8	10	14.375	20	20.00	20.00
Mercury (Hg), dissolved	µg/l	8	< 0.1	< 0.1	< 0.1	0.10	0.10
Nickel (Ni), dissolved	µg/l	8	2	22.25	84	84.00	84.00
Nitrate (NO3-N)	mg/l	8	0.86	1.7275	2.91	2.91	2.91
Nitrite (NO2-N)	mg/l	8	0.01	0.02738	0.094	0.094	0.094
Organic nitrogen	mg/l	8	< 0.05	0.475	1	1.00	1.00
Orthophosphate (PO4-P)	mg/l	8	< 0.0025	0.05894	0.167	0.167	0.167
Petroleum hydrocarbons	mg/l	4	< 0.01	< 0.01	< 0.01	0.01	0.01
Phytoplankton (biomass - chlorophyll-a)	µg/l	8	1.2	21.4875	47.4	47.40	47.40
Potassium (K+)	mg/l	8	2	2.6375	3.3	3.30	3.30
Sodium (Na+)	mg/l	8	11.1	15.325	21.1	21.10	21.10
Sulphate (SO4--)	mg/l	8	27	34.625	47	47.00	47.00
Suspended solids	mg/l	8	17	38.375	63	63.00	63.00
TOC	mg/l	5	1.2	3.24	7.4	7.40	7.40
Temperature	°C	8	8.2	15.8625	22.4	22.40	22.40
Total nitrogen	mg/l	8	1.6	2.2375	3.8	3.80	3.80
Total phosphorus	mg/l	8	0.1	0.15163	0.23	0.23	0.23
Zinc (Zn), dissolved	µg/l	8	10	118.625	376	376.00	376.00
p,p'-DDT	µg/l	2	< 0.0005	< 0.00075	< 0.001		
pH	-	8	7.7	8.1625	8.5	7.70	7.70

River: Drava **Catchment:** 15356.00 km2 **2010**
Distance from mouth: 300 **Altitude:** 192 m **SI1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	26	< 0.005	0.03835	0.187	0.03	0.07
Arsenic (As), dissolved	µg/l	12	< 0.5	0.76667	1.3	0.50	1.20
Atrazine	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	26	0.5	0.94615	1.6	0.90	1.40
COD (Cr)	mg/l	12	< 2.5	3.375	8	2.50	5.00
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02717	0.043	0.025	0.039
Calcium (Ca++)	mg/l	12	26	36.41667	48	37.00	42.00
Chloride (Cl-)	mg/l	12	3.9	7.16667	13	5.20	11.00
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	26	201	270.34615	394	259.00	338.00
Copper (Cu), dissolved	µg/l	12	< 0.5	1.61667	4.1	1.40	2.80
Dissolved oxygen	mg/l	26	6.5	9.72692	14.5	9.50	7.40
Flow	m3/s	365	102	324.42466	1468	287.00	483.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.1	3.5	0.50	2.40
Lindane (gama-HCH)	µg/l	4	< 0.0015	< 0.0015	< 0.0015	0.0015	0.0015
Macrozoobenthos - number of families	-	1	28	28	28		
Macrozoobenthos no. of taxa	-	1	48	48	48		

Sodium (Na+)	mg/l	12	3.1	5.55833	11	5.00	7.20
Sulphate (SO4--)	mg/l	12	7.19	10.53167	13.6	10.10	13.30
Suspended solids	mg/l	26	< 1	7.26154	17	5.50	15.00
TOC	mg/l	12	1.21	1.53917	2.03	1.50	1.90
Temperature	°C	26	4.6	12.68846	23.6	11.30	21.00
Total nitrogen	mg/l	26	0.96	1.44462	2.3	1.50	1.80
Total phosphorus	mg/l	26	0.025	0.05269	0.117	0.049	0.072
Zinc (Zn), dissolved	µg/l	12	< 4.5	6.375	27	4.50	4.50
pH	-	26	7.86	8.22308	8.6	8.20	8.05

River: Danube **Catchment:** 131329.00 km2 **2010**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	14.13333	26.3	15.70	18.00
Alkalinity - total	mmol/l	12	2.63	3.16583	3.7	3.03	3.65
Ammonium (NH4-N)	mg/l	25	< 0.01	0.0428	0.18	0.03	0.10
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
BOD (5)	mg/l	25	0.9	2.108	5	1.90	2.70
COD (Cr)	mg/l	12	9.4	13.63333	19.9	13.30	17.80
COD (Mn)	mg/l	12	2.5	3.81667	6.8	3.20	5.30
Calcium (Ca++)	mg/l	12	51.2	60.275	71.3	57.00	68.40
Chloride (Cl-)	mg/l	12	13.7	22.2	33	20.60	31.70
Conductivity	µS/cm	12	375	462.25	567	432.00	539.00
Dissolved oxygen	mg/l	12	8.3	10.41667	12.8	9.90	9.10
Macrozoobenthos - number of families	-	2	2	4	6		
Macrozoobenthos no. of taxa	-	1	4	4	4		
Macrozoobenthos sapr. index	-	2	2.201	2.3535	2.506		
Magnesium (Mg++)	mg/l	12	11.9	14.78333	17.1	14.90	17.10
Nitrate (NO3-N)	mg/l	25	1.46	2.614	5.13	2.35	3.70
Nitrite (NO2-N)	mg/l	25	0.005	0.01888	0.035	0.02	0.028
Organic nitrogen	mg/l	12	0.34	0.5375	0.9	0.49	0.64
Orthophosphate (PO4-P)	mg/l	25	0.01	0.0544	0.1	0.05	0.08
Petroleum hydrocarbons	mg/l	12	< 0.005	0.02208	0.04	0.02	0.03
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	3.09	16.51571	35.06	35.06	35.06
Sulphate (SO4--)	mg/l	12	28.6	41.43333	59.9	41.60	49.80
Suspended solids	mg/l	25	5	55.124	234	26.00	198.00
TOC	mg/l	12	2.7	3.475	4.5	3.30	4.20
Temperature	°C	12	1.1	10.59167	21.1	9.70	19.00
Total nitrogen	mg/l	25	1.97	3.1968	6.15	2.88	4.06
Total phosphorus	mg/l	25	0.07	0.1404	0.4	0.12	0.26
Total phosphorus, dissolved	mg/l	25	< 0.005	0.0706	0.12	0.07	0.11
pH	-	12	7.6	8.1	8.37	8.16	7.89

River: Danube **Catchment:** 131329.00 km2 **2010**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**

Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	12.06667	20.5	12.80	18.70
Alkalinity - total	mmol/l	12	2.75	3.18917	3.72	3.10	3.72
Ammonium (NH4-N)	mg/l	25	< 0.01	0.042	0.13	0.03	0.10
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 0.5	0.54667	1.06	0.50	0.50
Atrazine	µg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
BOD (5)	mg/l	25	1	1.844	3.6	1.80	2.40
COD (Cr)	mg/l	12	8.8	12.18333	18.8	11.30	15.30
COD (Mn)	mg/l	12	2.5	3.73333	7.2	3.10	4.80
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	49.3	59.725	74.1	56.30	68.10
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	12.1	21.05	32.1	18.80	30.80
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.1425	0.31	0.10	0.30
Conductivity	µS/cm	12	347	444.16667	550	417.00	530.00
Copper (Cu), dissolved	µg/l	12	0.8	1.47583	2.39	1.20	2.30
Dissolved oxygen	mg/l	12	8.7	10.475	12.5	10.20	8.90
Flow	m3/s	365	1099	2130.3342	7897	1837.00	3287.00
Iron (Fe)	mg/l	12	0.127	0.79108	4.13	0.331	1.59
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Magnesium (Mg++)	mg/l	12	11	14.19167	17.3	14.00	16.50
Manganese (Mn)	mg/l	12	< 0.0025	0.05546	0.177	0.032	0.13
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.01565	0.062	0.004	0.057
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	25	1.34	2.4092	4.71	2.20	3.39
Nitrite (NO2-N)	mg/l	25	0.006	0.01656	0.036	0.016	0.029
Organic nitrogen	mg/l	12	0.34	0.4875	0.74	0.44	0.70
Orthophosphate (PO4-P)	mg/l	25	0.01	0.0472	0.1	0.05	0.08
Petroleum hydrocarbons	mg/l	12	< 0.005	0.02208	0.04	0.02	0.04
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	2.51	13.62714	28.44	28.44	28.44
Potassium (K+)	mg/l	12	1.8	2.525	3.4	2.30	3.10
Silicates (SiO2)	mg/l	25	3.9	6.208	8.3	5.90	7.50
Sodium (Na+)	mg/l	12	8.3	13.99167	21.5	13.10	20.40
Sulphate (SO4--)	mg/l	12	21.5	33.9	46.6	31.30	43.80
Suspended solids	mg/l	25	5	48.104	245	23.00	132.00

River: Danube **Catchment: 131329.00 km2** **2010**
Distance from mouth: 1869 **Altitude: 128 m** **SK1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
TOC	mg/l	12	2.4	3.26667	4.3	3.00	4.10
Temperature	°C	12	1.3	10.425	21.1	9.90	18.60

Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	25	1.82	2.9196	5.55	2.61	3.92
Total phosphorus	mg/l	25	0.06	0.1316	0.47	0.10	0.29
Total phosphorus, dissolved	mg/l	25	< 0.005	0.0606	0.11	0.06	0.09
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.83	8.15	8.44	8.14	7.99

River: Danube **Catchment:** 131329.00 km2 **2010**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	6.425	13	2.50	12.10
Alkalinity - total	mmol/l	12	2.76	3.24917	3.8	3.27	3.75
Ammonium (NH4-N)	mg/l	25	< 0.01	0.0332	0.11	0.02	0.09
Anionic active surfactants	mg/l	12	< 0.01	0.0125	0.04	0.01	0.01
BOD (5)	mg/l	25	< 0.35	1.586	2.5	1.70	2.40
COD (Cr)	mg/l	12	8	11.35833	18.4	10.40	14.10
COD (Mn)	mg/l	12	2.1	3.54167	7.3	2.80	5.00
Calcium (Ca++)	mg/l	12	48.6	58.625	74.2	56.60	67.90
Chloride (Cl-)	mg/l	12	11	20.08333	31.4	18.00	30.70
Conductivity	µS/cm	12	340	427.83333	528	410.00	527.00
Dissolved oxygen	mg/l	12	8.8	10.475	12.8	10.30	8.80
Macrozoobenthos - number of families	-	2	7	8	9		
Macrozoobenthos no. of taxa	-	2	10	17.5	25		
Macrozoobenthos sapr. index	-	2	2.081	2.129	2.177		
Magnesium (Mg++)	mg/l	12	10.7	13.475	16.9	13.30	15.90
Nitrate (NO3-N)	mg/l	25	1.32	2.242	4.21	2.02	3.09
Nitrite (NO2-N)	mg/l	25	0.004	0.01532	0.037	0.014	0.031
Organic nitrogen	mg/l	12	0.23	0.45083	0.82	0.38	0.64
Orthophosphate (PO4-P)	mg/l	25	0.01	0.0492	0.1	0.05	0.08
Petroleum hydrocarbons	mg/l	12	< 0.005	0.01792	0.03	0.02	0.03
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Sulphate (SO4--)	mg/l	12	17.8	26.825	37	28.30	31.00
Suspended solids	mg/l	25	4	45.744	275	18.00	106.00
TOC	mg/l	12	2.1	2.94167	3.8	2.90	3.70
Temperature	°C	12	1.5	10.31667	20.4	8.90	18.20
Total nitrogen	mg/l	25	1.82	2.6852	4.97	2.50	3.50
Total phosphorus	mg/l	25	0.05	0.11	0.31	0.10	0.15
Total phosphorus, dissolved	mg/l	25	< 0.005	0.0622	0.11	0.07	0.09
pH	-	12	7.99	8.18417	8.46	8.21	8.02

River: Danube **Catchment:** 132168.00 km2 **2010**
Distance from mouth: 1806 **Altitude:** 108 m **SK2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	7.15833	20.7	2.50	16.10
Alkalinity - total	mmol/l	12	2.81	3.25833	3.72	3.25	3.70
Ammonium (NH4-N)	mg/l	12	< 0.01	0.03417	0.09	0.02	0.07
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 0.5	0.6625	1.29	0.50	1.08
Atrazine	µg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
BOD (5)	mg/l	12	1	1.8	3	1.60	2.50
COD (Cr)	mg/l	12	< 1.5	9.09167	13.1	9.20	11.60
COD (Mn)	mg/l	12	1.8	2.86667	4.7	2.70	4.00
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	49.8	59.825	71.8	58.80	68.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	11.8	20.39167	31.2	18.50	31.00
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.1225	0.27	0.10	0.20
Conductivity	µS/cm	12	348	436.5	536	414.00	517.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.2925	1.9	1.30	1.90
Dissolved oxygen	mg/l	12	8.5	10.76667	13.2	10.40	8.80
Flow	m3/s	365	1062	2069.4246	6892	1802.00	3236.00
Iron (Fe)	mg/l	12	< 0.05	0.333	1.52	0.21	0.547
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Magnesium (Mg++)	mg/l	12	11.1	13.83333	16.7	14.00	16.00
Manganese (Mn)	mg/l	12	0.009	0.03242	0.075	0.026	0.043
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.00585	0.029	0.0015	0.01
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.1	2.2375	4.16	1.95	2.95
Nitrite (NO2-N)	mg/l	12	0.006	0.01542	0.033	0.01	0.029
Organic nitrogen	mg/l	12	0.27	0.43	0.89	0.40	0.62
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.03979	0.08	0.04	0.07
Petroleum hydrocarbons	mg/l	12	< 0.005	0.015	0.02	0.02	0.02
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	2.03	17.22571	33.8	33.80	33.80
Sulphate (SO4--)	mg/l	12	21.4	29.08333	39.5	29.90	35.20
Suspended solids	mg/l	12	3	26.5	86	17.00	46.00
TOC	mg/l	12	2.3	2.91667	4	2.80	3.30
Temperature	°C	12	1.3	10.55833	21.2	10.00	18.70
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25

River: Danube **Catchment:** 132168.00 km2 **2010**
Distance from mouth: 1806 **Altitude:** 108 m **SK2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.58	2.71583	5.12	2.40	3.38
Total phosphorus	mg/l	12	0.05	0.08833	0.16	0.08	0.12
Total phosphorus, dissolved	mg/l	12	< 0.005	0.05833	0.1	0.06	0.10
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01

Zinc (Zn), dissolved	µg/l	12	< 5	8.25	44	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.96	8.1975	8.49	8.17	7.99

River: Danube **Catchment:** 132168.00 km2 **2010**
Distance from mouth: 1806 **Altitude:** 108 m **SK2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	2	11	11.5	12		
Macrozoobenthos no. of taxa	-	2	36	44	52		
Macrozoobenthos sapr. index	-	2	2.49	2.524	2.558		

River: Danube **Catchment:** 151961.00 km2 **2010**
Distance from mouth: 1768 **Altitude:** 103 m **SK3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Flow	m3/s	365	1118	2195.9123	6943	1968.00	3397.00

River: Vah **Catchment:** 19661.00 km2 **2010**
Distance from mouth: 1 **Altitude:** 106 m **SK4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	13.73333	22.5	13.40	17.90
Alkalinity - total	mmol/l	12	2.75	3.53083	4.13	3.64	4.04
Ammonium (NH4-N)	mg/l	12	< 0.01	0.08917	0.22	0.06	0.19
Anionic active surfactants	mg/l	12	< 0.01	0.01417	0.04	0.01	0.03
Arsenic (As), dissolved	µg/l	12	< 0.5	1.51333	2.73	1.29	2.63
Atrazine	µg/l	12	< 0.003	0.02108	0.22	0.003	0.003
BOD (5)	mg/l	12	1.2	2.15	3.6	2.10	3.20
COD (Cr)	mg/l	12	8.1	12.6	23.9	11.80	15.00
COD (Mn)	mg/l	12	2.4	3.5	5.4	3.10	4.70
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	48	65.6	77.3	67.40	72.90
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	8.5	18.81667	27.4	19.90	21.90
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.16417	0.6	0.10	0.27
Conductivity	µS/cm	12	325	479.75	559	499.00	553.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.53	7.6	0.90	1.72
Dissolved oxygen	mg/l	12	7.4	10.20833	12.4	10.60	8.10
Flow	m3/s	365	103.38	307.93759	1404.28	238.35	550.49
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Magnesium (Mg++)	mg/l	12	8.9	15.55	19.4	16.60	18.20
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.01479	0.108	0.006	0.012

Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.29	1.99167	2.56	1.85	2.51
Nitrite (NO2-N)	mg/l	12	0.019	0.03367	0.054	0.032	0.043
Organic nitrogen	mg/l	12	< 0.1	0.4375	0.72	0.40	0.64
Orthophosphate (PO4-P)	mg/l	12	0.04	0.07203	0.11	0.06	0.10
Petroleum hydrocarbons	mg/l	12	< 0.005	0.02417	0.05	0.02	0.04
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	1.42	15.01	45.79	45.79	45.79
Sulphate (SO4--)	mg/l	12	21.5	42.81667	54.3	46.50	50.80
Suspended solids	mg/l	12	4	21.83333	72	21.00	26.00
TOC	mg/l	12	2.6	3.39167	4.2	3.30	4.10
Temperature	°C	12	< 0.00000	11.04167	24.4	8.40	22.20
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.7	2.5575	3.36	2.50	3.11
Total phosphorus	mg/l	12	0.09	0.13583	0.26	0.11	0.18

River: Vah **Catchment:** 19661.00 km2 **2010**
Distance from mouth: 1 **Altitude:** 106 m **SK4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus, dissolved	mg/l	12	0.06	0.09333	0.14	0.08	0.14
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.84	8.08083	8.24	8.07	8.03

River: Vah **Catchment:** 19661.00 km2 **2010**
Distance from mouth: 1 **Altitude:** 106 m **SK4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos - number of families	-	2	4	4.5	5		
Macrozoobenthos no. of taxa	-	1	26	26	26		
Macrozoobenthos sapr. index	-	2	3.299	3.379	3.459		

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	11.15833	19.1	12.50	18.00
Alkalinity - total	mmol/l	12	2.2	3.07917	3.83	3.07	3.67
Ammonium (NH4-N)	mg/l	12	< 0.01	0.055	0.16	0.03	0.10
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
BOD (5)	mg/l	12	1.1	2.23333	3.3	2.30	2.90
COD (Cr)	mg/l	12	8.7	14.63333	32.2	11.80	17.00
Calcium (Ca++)	mg/l	12	41.5	56.94167	67.8	58.50	67.40

Chloride (Cl-)	mg/l	12	11.5	18.8	32.3	17.50	23.80
Conductivity	µS/cm	12	347	439.58333	540	413.00	524.00
Dissolved oxygen	mg/l	12	7.6	10.74167	13.4	10.20	8.40
Macrozoobenthos - number of families	-	2	14	16.5	19		
Macrozoobenthos no. of taxa	-	1	36	36	36		
Macrozoobenthos sapr. index	-	2	2.196	2.1965	2.197		
Magnesium (Mg++)	mg/l	12	10.7	15.35833	18.5	15.00	17.80
Nitrate (NO3-N)	mg/l	12	1.36	2.1275	3.36	1.88	2.98
Nitrite (NO2-N)	mg/l	12	0.006	0.01825	0.03	0.017	0.027
Organic nitrogen	mg/l	12	0.29	0.57333	1.33	0.45	1.06
Orthophosphate (PO4-P)	mg/l	12	0.01	0.06833	0.15	0.07	0.09
Petroleum hydrocarbons	mg/l	12	< 0.005	0.01875	0.04	0.02	0.03
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Suspended solids	mg/l	12	4	43.75	161	18.00	90.00
TOC	mg/l	12	2.9	4.04167	6.8	3.80	4.20
Temperature	°C	12	0.2	10.84167	23.9	9.30	20.10
Total nitrogen	mg/l	12	2.18	2.77667	4.82	2.43	3.52
Total phosphorus	mg/l	12	0.08	0.15583	0.4	0.13	0.20
Total phosphorus, dissolved	mg/l	12	0.05	0.0975	0.22	0.09	0.12
pH	-	12	7.63	8.03833	8.54	7.93	7.79

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	12.15833	30.1	13.20	16.80
Alkalinity - total	mmol/l	12	2.86	3.275	3.81	3.18	3.80
Ammonium (NH4-N)	mg/l	12	< 0.01	0.04417	0.12	0.03	0.09
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 0.5	0.855	1.57	0.50	1.56
Atrazine	µg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
BOD (5)	mg/l	12	0.7	2.125	3.6	2.40	2.90
COD (Cr)	mg/l	12	9	11.275	15.6	10.90	14.30
Cadmium (Cd), dissolved	µg/l	12	< 0.025	0.03375	0.13	0.025	0.025
Calcium (Ca++)	mg/l	12	50.3	59.94167	73.5	57.70	68.60
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	12.4	21.24167	32	20.20	29.40
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.16083	0.5	0.10	0.30
Conductivity	µS/cm	12	360	452.58333	549	432.00	545.00
Copper (Cu), dissolved	µg/l	12	0.66	1.325	2.69	1.19	1.90
Dissolved oxygen	mg/l	12	8.1	11.2	13.4	11.40	9.20
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Magnesium (Mg++)	mg/l	12	11.5	14.775	18.4	14.70	17.80
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.00636	0.044	0.0015	0.006
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.03	2.31417	4.24	2.09	2.99

Nitrite (NO2-N)	mg/l	12	0.008	0.01658	0.033	0.011	0.031
Organic nitrogen	mg/l	12	0.37	0.47917	0.58	0.44	0.58
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.03958	0.08	0.04	0.07
Petroleum hydrocarbons	mg/l	12	< 0.005	0.0175	0.04	0.02	0.03
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	2.13	22.43286	68.4	68.40	68.40
Sulphate (SO4--)	mg/l	12	24.5	40.675	102	35.80	45.10
Suspended solids	mg/l	12	3	32.08333	102	19.00	74.00
TOC	mg/l	12	2.8	3.275	3.7	3.20	3.70
Temperature	°C	12	0.5	10.80833	22.9	10.30	19.50
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.64	2.85417	4.7	2.51	3.52
Total phosphorus	mg/l	12	0.06	0.10333	0.19	0.09	0.14
Total phosphorus, dissolved	mg/l	12	< 0.005	0.05917	0.1	0.06	0.10
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.89	8.2125	8.6	8.15	8.03

River: Danube **Catchment:** 183350.00 km2 **2010**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	9.09167	18	10.40	17.30
Alkalinity - total	mmol/l	12	2.87	3.35917	3.92	3.22	3.87
Ammonium (NH4-N)	mg/l	12	< 0.01	0.045	0.1	0.04	0.08
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
BOD (5)	mg/l	12	0.9	2.05833	3.6	2.00	3.10
COD (Cr)	mg/l	12	9.1	11.21667	15.9	10.50	13.10
Calcium (Ca++)	mg/l	12	50.5	60.80833	73.2	57.10	68.50
Chloride (Cl-)	mg/l	12	12.6	22.275	34.4	21.00	32.20
Conductivity	µS/cm	12	365	468.91667	565	443.00	550.00
Dissolved oxygen	mg/l	12	7.8	11.09167	13.3	11.40	8.30
Macrozoobenthos - number of families	-	2	9	9.5	10		
Macrozoobenthos no. of taxa	-	1	49	49	49		
Macrozoobenthos sapr. index	-	2	2.139	2.1515	2.164		
Magnesium (Mg++)	mg/l	12	11.7	15.675	19.6	15.60	19.60
Nitrate (NO3-N)	mg/l	12	1.1	2.35	4.21	2.10	3.07
Nitrite (NO2-N)	mg/l	12	0.006	0.0165	0.034	0.011	0.031
Organic nitrogen	mg/l	12	0.3	0.45333	0.95	0.39	0.65
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.04063	0.08	0.04	0.07

Petroleum hydrocarbons	mg/l	12	< 0.005	0.01583	0.03	0.02	0.02
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Suspended solids	mg/l	12	5	26.75	60	16.00	52.00
TOC	mg/l	12	2.7	3.33333	4	3.20	3.60
Temperature	°C	12	0.8	10.79167	23.1	10.00	19.10
Total nitrogen	mg/l	12	2	2.86667	4.78	2.62	3.57
Total phosphorus	mg/l	12	0.05	0.1025	0.21	0.09	0.15
Total phosphorus, dissolved	mg/l	12	< 0.005	0.06	0.1	0.06	0.09
pH	-	12	8.02	8.23667	8.61	8.18	8.04

River: Morava **Catchment:** 26574.99 km2 **2010**
Distance from mouth: 1 **Altitude:** 145 m **SK6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	14.2	20.95833	27.3	20.50	24.60
Ammonium (NH4-N)	mg/l	12	0.02	0.10583	0.32	0.06	0.26
Arsenic (As), dissolved	µg/l	12	< 0.5	0.74917	1.87	0.50	1.34
Atrazine	µg/l	12	< 0.003	0.09333	0.66	0.003	0.43
BOD (5)	mg/l	12	1.8	3.425	5.4	3.10	4.80
COD (Cr)	mg/l	12	12.4	21.53333	30.4	20.70	27.80
COD (Mn)	mg/l	12	3.6	5.85	8.7	5.60	7.60
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	58.2	73.825	85	74.10	84.50
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	20.4	33.44167	50.3	33.00	37.50
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.16667	0.5	0.10	0.40
Conductivity	µS/cm	12	477	617.66667	713	629.00	703.00
Copper (Cu), dissolved	µg/l	12	0.7	1.47333	2.2	1.50	2.10
Dissolved oxygen	mg/l	12	6.2	10.01667	13.3	9.90	6.70
Flow	m3/s	365	64.623	194.61441	901.817	150.017	337.371
Iron (Fe)	mg/l	12	0.15	0.78875	2.26	0.412	2.12
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Macrozoobenthos - number of families	-	2	10	11	12		
Macrozoobenthos no. of taxa	-	2	13	15	17		
Macrozoobenthos sapr. index	-	2	2.287	2.2945	2.302		
Magnesium (Mg++)	mg/l	12	14	20.35	25	21.20	23.40
Manganese (Mn)	mg/l	12	< 0.0025	0.10238	0.212	0.083	0.204
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.00774	0.04	0.003	0.012
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.30333	2	1.31	2.00
Nitrate (NO3-N)	mg/l	12	2.32	3.68083	5.56	3.43	5.02
Nitrite (NO2-N)	mg/l	12	0.009	0.02958	0.072	0.024	0.051
Organic nitrogen	mg/l	12	0.29	0.83833	1.26	0.79	1.25
Orthophosphate (PO4-P)	mg/l	12	0.03	0.11333	0.18	0.12	0.16
Petroleum hydrocarbons	mg/l	12	0.02	0.04167	0.12	0.03	0.05
Phenol index	mg/l	10	< 0.001	0.0015	0.006	0.006	0.006
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2.05	29.36833	99.55	19.59	82.86

Potassium (K+)	mg/l	12	4.2	5.7	6.5	6.00	6.50
Sodium (Na+)	mg/l	12	15.6	24	31.5	24.30	27.90
Sulphate (SO4--)	mg/l	12	66.5	93.19167	109	97.40	107.00
Suspended solids	mg/l	12	7	52.25	213	28.00	80.00

River: Morava **Catchment:** 26574.99 km2 **2010**
Distance from mouth: 1 **Altitude:** 145 m **SK6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
TOC	mg/l	12	4.7	5.80833	7.1	5.60	6.90
Temperature	°C	12	0.1	10.56667	21.6	9.40	20.10
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	3.48	4.65167	6.59	4.50	5.92
Total phosphorus	mg/l	12	0.12	0.2325	0.37	0.19	0.32
Total phosphorus, dissolved	mg/l	12	0.04	0.13833	0.22	0.14	0.18
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Zinc (Zn), dissolved	µg/l	12	< 5	5.5	11	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.75	8.08917	8.43	8.10	7.87

River: Danube/Hron **Catchment:** 5416.83 km2 **2010**
Distance from mouth: 2 **Altitude:** 114 m **SK7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	7.88333	19	2.50	16.40
Ammonium (NH4-N)	mg/l	12	< 0.01	0.06083	0.27	0.02	0.11
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	1.8	5.8725	9.08	6.41	8.33
Atrazine	µg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
BOD (5)	mg/l	12	1	1.71667	2.9	1.40	2.50
COD (Cr)	mg/l	12	7.1	11.50833	30.5	9.80	16.60
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	12	23.7	43.775	56.2	41.90	54.40
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	8.3	11.91667	16.4	11.00	16.30
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.1525	0.6	0.10	0.23
Conductivity	µS/cm	12	199	362.33333	493	342.00	452.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.54917	2.8	1.50	2.60
Dissolved oxygen	mg/l	12	8.2	10.925	13.1	10.60	8.90
Flow	m3/s	365	24.903	95.24138	494.029	75.571	177.325
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Macrozoobenthos - number of families	-	2	13	15.5	18		
Macrozoobenthos no. of taxa	-	2	24	32.5	41		
Macrozoobenthos sapr. index	-	2	2.475	2.478	2.481		

Magnesium (Mg ⁺⁺)	mg/l	12	5.8	13.75	18.8	13.40	18.10
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.00739	0.046	0.0038	0.008
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	1.63	2.15917	2.74	2.03	2.66
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.02192	0.054	0.018	0.03
Organic nitrogen	mg/l	12	< 0.1	0.41833	0.89	0.34	0.86
Orthophosphate (PO ₄ -P)	mg/l	12	0.06	0.08583	0.13	0.08	0.11
Petroleum hydrocarbons	mg/l	12	< 0.005	0.02333	0.09	0.02	0.02
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	4.78	11.79	17.18	17.18	17.18
Sulphate (SO ₄ ⁻⁻)	mg/l	12	22.6	43.325	60.9	38.60	60.20
Suspended solids	mg/l	12	3	30.33333	204	9.00	50.00
TOC	mg/l	12	2.4	3.14167	4.8	2.80	4.60
Temperature	°C	12	< 0.00000	10.15	23.1	8.20	20.00
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	2.02	2.66667	3.77	2.70	3.15

River: Danube/Hron **Catchment:** 5416.83 km² **2010**
Distance from mouth: 2 **Altitude:** 114 m **SK7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	12	0.08	0.14333	0.32	0.11	0.25
Total phosphorus, dissolved	mg/l	12	0.08	0.11417	0.2	0.10	0.17
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Zinc (Zn), dissolved	µg/l	12	< 5	11.66667	30	10.00	22.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.91	8.08417	8.25	8.07	7.92

River: Danube/Ipoly **Catchment:** 5060.34 km² **2010**
Distance from mouth: 12 **Altitude:** 110 m **SK8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 2.5	18.45	29.6	18.30	24.10
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.0375	0.09	0.02	0.08
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 0.5	1.2425	3.21	0.50	2.68
Atrazine	µg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
BOD (5)	mg/l	12	1.5	2.04167	2.7	1.90	2.60
COD (Cr)	mg/l	12	11.5	19.20833	29.2	16.70	27.80
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	12	23.8	61.95833	93.5	63.00	85.90
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	10.3	20.525	29.7	19.90	28.30
Chloroform	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.11667	0.3	0.10	0.10
Conductivity	µS/cm	12	217	511.58333	739	512.00	684.00

Copper (Cu), dissolved	µg/l	12	< 0.25	1.08083	2.5	0.90	2.50
Dissolved oxygen	mg/l	12	6.2	10.51667	13	10.20	8.50
Flow	m3/s	365	9.869	55.89438	399.963	34.555	120.483
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Macrozoobenthos - number of families	-	2	23	26.5	30		
Macrozoobenthos no. of taxa	-	2	39	47	55		
Macrozoobenthos sapr. index	-	2	2.189	2.2	2.211		
Magnesium (Mg++)	mg/l	12	6.3	19.4	30.5	20.10	27.10
Mercury (Hg), dissolved	µg/l	12	< 0.0015	0.00952	0.051	0.005	0.015
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	0.54	1.93	2.78	2.05	2.48
Nitrite (NO2-N)	mg/l	12	0.006	0.0145	0.028	0.015	0.023
Organic nitrogen	mg/l	12	0.41	0.65583	0.94	0.60	0.90
Orthophosphate (PO4-P)	mg/l	12	0.05	0.13917	0.35	0.11	0.21
Petroleum hydrocarbons	mg/l	12	< 0.005	0.01333	0.03	0.005	0.02
Phenol index	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	3.6	20.64286	34.3	34.30	34.30
Sulphate (SO4--)	mg/l	12	29.3	63.625	88.1	63.70	82.80
Suspended solids	mg/l	12	4	44.66667	202	23.00	95.00
TOC	mg/l	12	3.7	5.71667	8.8	5.10	8.00
Temperature	°C	12	< 0.00000	11.425	26.6	9.50	24.00
Tetrachloroethylene	µg/l	12	< 0.25	0.44583	1.1	0.25	1.00
Total nitrogen	mg/l	12	1.33	2.6375	3.79	2.69	3.43

River: Danube/Ipoly **Catchment:** 5060.34 km2 **2010**
Distance from mouth: 12 **Altitude:** 110 m **SK8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	12	0.12	0.24	0.45	0.19	0.41
Total phosphorus, dissolved	mg/l	12	0.07	0.18083	0.39	0.14	0.27
Trichloroethylene	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Zinc (Zn), dissolved	µg/l	12	< 5	9.83333	29	10.00	12.00
p,p'-DDT	µg/l	12	< 0.0115	< 0.0115	< 0.0115	0.0115	0.0115
pH	-	12	7.76	7.99583	8.1	8.00	7.86

River: Danube **Catchment:** 805700.00 km2 **2010**
Distance from mouth: 132 **Altitude:** 4 m **UA1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.95	3.14917	3.23	3.14	3.23
Ammonium (NH4-N)	mg/l	12	0.03	0.11917	0.51	0.10	0.16
Anionic active surfactants	mg/l	7	0.013	0.02014	0.03	0.03	0.03
BOD (5)	mg/l	12	1.29	2.39	5.31	1.90	4.08
COD (Cr)	mg/l	12	9.06	24.49667	48.1	19.10	33.80
COD (Mn)	mg/l	12	2.61	4.0375	5.61	3.89	5.31

Calcium (Ca++)	mg/l	12	46.4	50.425	60.2	49.50	56.30
Chloride (Cl-)	mg/l	12	26.7	29.68333	33	29.70	32.70
Chromium (Cr), total	µg/l	12	< 0.5	5.20833	13	4.00	10.00
Copper (Cu), dissolved	µg/l	10	2	4.53	14.2	14.20	14.20
Dissolved oxygen	mg/l	12	7.12	9.87417	12	10.30	7.54
Flow	m3/s	365	5490	9497.2602	15400	9300.00	13000.00
Magnesium (Mg++)	mg/l	12	12.8	15.6	19.2	15.30	17.60
Nitrate (NO3-N)	mg/l	12	0.5	1.025	1.47	1.06	1.45
Nitrite (NO2-N)	mg/l	12	0.007	0.01925	0.031	0.016	0.029
Orthophosphate (PO4-P)	mg/l	12	0.05	0.06508	0.109	0.063	0.079
Petroleum hydrocarbons	mg/l	4	0.01	0.01	0.01	0.01	0.01
Silicates (SiO2)	mg/l	12	3.51	6.95917	11.86	6.10	10.31
Sulphate (SO4--)	mg/l	12	46.7	54.3	60.7	56.00	56.00
Suspended solids	mg/l	12	48	90.74167	193	79.10	144.00
Temperature	°C	12	1.3	13.9	26.9	12.80	22.80
Total phosphorus	mg/l	12	0.112	0.19667	0.271	0.189	0.248
Total phosphorus, dissolved	mg/l	12	0.069	0.11217	0.158	0.109	0.145
Zinc (Zn), dissolved	µg/l	10	< 1.25	22.855	97.8	97.80	97.80
pH	-	12	7.65	7.92083	8.15	7.90	7.70

River: Danube **Catchment:** 817000.00 km2 **2010**
Distance from mouth: 18 **Altitude:** 1 m **UA2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.09	3.17667	3.24	3.18	3.24
Ammonium (NH4-N)	mg/l	11	0.01	0.13727	0.38	0.12	0.32
Anionic active surfactants	mg/l	3	0.01	0.02133	0.044		
BOD (5)	mg/l	12	0.5	2.25417	6.12	1.47	4.61
COD (Cr)	mg/l	12	10.8	15.175	23.2	14.50	19.90
COD (Mn)	mg/l	12	2.92	3.68583	4.43	3.56	4.40
Calcium (Ca++)	mg/l	12	45.7	51.05833	58.7	50.60	56.30
Chloride (Cl-)	mg/l	12	27.6	29.20833	32.7	28.00	31.00
Chromium (Cr), total	µg/l	12	< 0.5	9.625	25	7.00	17.00
Copper (Cu), dissolved	µg/l	4	1.9	3.25	3.8	3.80	3.80
Dissolved oxygen	mg/l	12	6.84	9.29917	12	8.70	6.95
Flow	m3/s	365	2800	4946.9589	8570	4760.00	6960.00
Magnesium (Mg++)	mg/l	12	12.8	15.85	18.2	16.20	17.50
Nitrate (NO3-N)	mg/l	12	0.54	1.28667	1.7	1.39	1.63
Nitrite (NO2-N)	mg/l	12	< 0.0025	0.01863	0.03	0.021	0.027
Orthophosphate (PO4-P)	mg/l	12	0.05	0.05733	0.074	0.052	0.065
Silicates (SiO2)	mg/l	12	3.55	7.33917	10.74	7.66	9.39
Sulphate (SO4--)	mg/l	12	46.7	53.13333	65.3	51.30	56.00
Suspended solids	mg/l	12	40	72.79167	114	63.50	111.00
Temperature	°C	12	1.2	14.2	28.2	13.00	24.00
Total phosphorus	mg/l	12	0.137	0.18508	0.219	0.185	0.211
Total phosphorus, dissolved	mg/l	12	0.056	0.10158	0.143	0.099	0.126
Zinc (Zn), dissolved	µg/l	4	< 1.25	8.0625	11	11.00	11.00
pH	-	12	7.75	8.05417	8.2	8.05	7.80

River: Tisza **Catchment:** 33000.00 km2 **2010**
Distance from mouth: 342 **Altitude:** m **UA4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	17	< 0.04	0.10471	0.37	0.08	0.26
Anionic active surfactants	mg/l	16	< 0.005	0.00688	0.035	0.005	0.005
BOD (5)	mg/l	17	< 0.00000	3.01765	6.2	3.40	5.00
COD (Cr)	mg/l	17	5	12.17059	70	7.40	13.80
Cadmium (Cd)	µg/l	17	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca++)	mg/l	17	28.8	53.60588	108	40.10	96.00
Chloride (Cl-)	mg/l	16	< 5	37.60625	113.4	29.00	68.10
Chromium (Cr) - total	µg/l	17	< 2.5	< 2.5	< 2.5	2.50	2.50
Copper (Cu)	µg/l	17	< 2.5	5.35294	15	2.50	14.00
Dissolved oxygen	mg/l	17	7	10.36471	13.2	10.30	7.20
Iron (Fe)	mg/l	16	0.12	0.55188	2.41	0.38	1.20
Lead (Pb)	µg/l	17	< 1	1.70588	8	1.00	6.00
Macrozoobenthos sapr. index	-	16	1.7	2.0875	2.2	2.10	2.20
Magnesium (Mg++)	mg/l	17	< 5	15.05882	51	10.00	35.00
Manganese (Mn)	mg/l	17	0.008	0.05124	0.184	0.045	0.106
Nickel (Ni)	µg/l	15	< 2.5	< 2.5	< 2.5	2.50	2.50
Nitrate (NO3-N)	mg/l	17	0.29	0.61353	0.97	0.56	0.90
Nitrite (NO2-N)	mg/l	17	< 0.0025	0.00709	0.024	0.0025	0.018
Orthophosphate (PO4-P)	mg/l	17	< 0.025	0.02882	0.09	0.025	0.025
Petroleum hydrocarbons	mg/l	17	0.015	0.03718	0.063	0.038	0.054
Phenol index	mg/l	15	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	17	1	5.15	18.56	3.57	9.14
Sulphate (SO4--)	mg/l	16	15	29.5	42	29.00	36.00
Suspended solids	mg/l	17	1.8	2.84706	3.8	2.80	3.60
Temperature	°C	17	1.6	13.1	25.2	11.90	24.60
Zinc (Zn)	µg/l	17	< 2.5	22.97059	70	18.00	49.00
pH	-	17	7.1	7.67941	8.57	7.70	7.39

River: Iisza/Bodrog/Latori **Catchment:** 4418.00 km2 **2010**
Distance from mouth: 144 **Altitude:** m **UA5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	12	< 0.04	0.105	0.17	0.08	0.15
Anionic active surfactants	mg/l	12	< 0.005	0.01458	0.048	0.005	0.038
BOD (5)	mg/l	12	< 0.00000	3.31667	6.5	3.50	4.80
COD (Cr)	mg/l	12	7.3	11.325	17.3	11.20	15.20
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	23.1	44.09167	88	31.10	84.00
Chloride (Cl-)	mg/l	12	< 5	9.15	23	5.00	14.80
Chromium (Cr) - total	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Copper (Cu)	µg/l	12	< 2.5	3.83333	8	2.50	6.00

River: Siret **Catchment:** 2070.00 km2 **2010**
Distance from mouth: 100 **Altitude:** m **UA7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	14	3	4.15714	5.5	4.40	4.70
Ammonium (NH4-N)	mg/l	14	< 0.04	0.08614	0.14	0.08	0.13
Anionic active surfactants	mg/l	6	0.01	0.015	0.02	0.02	0.02
BOD (5)	mg/l	14	0.8	1.77714	8	1.23	2.16
COD (Cr)	mg/l	14	1.28	3.97786	15.5	3.50	5.70
Calcium (Ca++)	mg/l	14	66	79.3	96	79.00	92.40
Chloride (Cl-)	mg/l	14	14.18	21.69143	35.4	21.40	28.00
Chromium (Cr) - total	µg/l	11	< 2.5	12.04545	20	10.00	20.00
Copper (Cu)	µg/l	11	10	25.09091	46	20.00	40.00
Dissolved oxygen	mg/l	14	7.08	9.47857	12.64	9.67	7.56
Iron (Fe)	mg/l	13	< 0.025	0.1	0.24	0.05	0.23
Lead (Pb)	µg/l	10	2	25	100	100.00	100.00
Magnesium (Mg++)	mg/l	14	12.2	19.26429	27	19.80	24.00
Manganese (Mn)	mg/l	12	< 0.00013	0.01676	0.027	0.02	0.02
Nickel (Ni)	µg/l	10	< 2.5	19.75	50	50.00	50.00
Nitrate (NO3-N)	mg/l	14	0.52	1.06357	4	0.92	1.53
Nitrite (NO2-N)	mg/l	14	0.007	0.011	0.03	0.01	0.015
Orthophosphate (PO4-P)	mg/l	14	< 0.025	0.10786	0.3	0.10	0.21
Petroleum hydrocarbons	mg/l	2	0.019	0.0195	0.02		
Potassium (K+)	mg/l	14	2	3.775	5.3	3.90	5.30
Sodium (Na+)	mg/l	14	17	24.89286	31	26.30	29.00
Sulphate (SO4--)	mg/l	13	23	55.24231	97.7	46.50	84.40
Suspended solids	mg/l	14	5	16.98571	114	12.00	18.20
Temperature	°C	13	< 0.05	8.88846	24	6.00	22.00
Zinc (Zn)	µg/l	12	< 2.5	14.79167	21	20.00	20.00
pH	-	14	7.38	7.81429	8.32	7.85	7.55

River: Uzh **Catchment:** 1582.00 km2 **2010**
Distance from mouth: 106 **Altitude:** m **UA8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	12	< 0.04	0.07833	0.15	0.04	0.15
Anionic active surfactants	mg/l	12	< 0.005	0.01425	0.057	0.005	0.037
BOD (5)	mg/l	12	< 0.00000	2.33333	5.3	3.00	4.80
COD (Cr)	mg/l	12	5.4	8.95833	16.9	8.30	10.90
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca++)	mg/l	12	24.1	40.13333	80	35.10	60.00
Chloride (Cl-)	mg/l	12	< 5	8.3	17.7	5.00	11.30
Chromium (Cr) - total	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Copper (Cu)	µg/l	12	< 2.5	3.5	10	2.50	7.00
Dissolved oxygen	mg/l	12	7.6	11.34167	14.3	11.00	8.50

Iron (Fe)	mg/l	12	< 0.025	0.30042	1.19	0.24	0.46
Lead (Pb)	µg/l	12	< 1	1.83333	11	1.00	1.00
Macrozoobenthos sapr. index	-	12	1.9	2.05	2.2	2.00	2.20
Magnesium (Mg++)	mg/l	12	< 5	7.91667	17	5.00	12.00
Manganese (Mn)	mg/l	12	< 0.00013	0.04468	0.164	0.023	0.10
Nickel (Ni)	µg/l	11	< 2.5	< 2.5	< 2.5	2.50	2.50
Nitrate (NO3-N)	mg/l	12	0.45	0.71583	0.9	0.68	0.90
Nitrite (NO2-N)	mg/l	12	< 0.0025	0.01329	0.042	0.009	0.03
Orthophosphate (PO4-P)	mg/l	12	< 0.025	0.04125	0.1	0.025	0.09
Petroleum hydrocarbons	mg/l	11	0.01	0.02364	0.047	0.021	0.042
Phenol index	mg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1	4.28583	9.98	1.90	8.90
Sulphate (SO4--)	mg/l	12	< 7.5	15.25	28	16.00	22.00
Suspended solids	mg/l	12	< 0.05	14.425	64	8.00	37.00
Temperature	°C	12	1.6	11.88333	25.4	10.00	23.00
Zinc (Zn)	µg/l	12	< 2.5	10.75	27	10.00	22.00
pH	-	12	7.27	7.65583	8.05	7.72	7.32