

Emission Inventory 2000  
Annex 2

Municipal and Industrial Discharges  
in the Danube River Basin  
by Sub-basins

Emission Inventory 2000  
Municipal Discharges

# Upper Danube Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)	
			deg	min	sec	deg	min	sec				K	M	B	N	P			
1067	Austria	Vils	47	33	19	10	39	33	1027000000000000	Lech	39		x	x	x	x	72	4107	
1077	Austria	Lech	47	13	12			9	12	1027000000000000	Lech	11		x	x	x	x	70	1548
6001	Germany	Albstadt-Ebingen	9	3	8	48	12	1	1006000000000000	Schmiecha	140		x	x	x	x	150	14600	
6002	Germany	Leutkirch	10	0	34	47	50	40	1025001000000000	Eschach	65		x	x	x	x	85	5248	
6003	Germany	Warthausen	9	47	43	48	8	43	1020000000000000	Riss	62		x	x	x	x	78	7396	
6004	Germany	Riedlingen	9	29	44	48	10	1	1000000000000000	Danube	57		x	x	x	x	60	6137	
6005	Germany	Ehingen(Donau)	9	44	3	48	16	22	1000000000000000	Danube	30		x	x	x	x	52	4851	
6006	Germany	Sigmaringen	9	13	43	48	4	40	1000000000000000	Danube	26		x	x	x	x	26	2294	
6007	Germany	Laupheim	9	52	21	48	14	52	1022000000000000	Dürnach	30		x	x	x	x	35	3737	
6008	Germany	Saulgau	9	29	15	48	1	41	1013000000000000	Schwarzach	26		x	x	x	x	32	2441	
6009	Germany	Burladingen	9	8	49	48	17	18	1008001000000000	Fehla	22		x	x	x	x	28	2147	
6010	Germany	Mengen	9	20	38	48	3	43	1009000000000000	Ablach	16		x	x	x	x	27	1607	
6011	Germany	AZV Oberes Lauchertal	9	12	59	48	16	50	1008000000000000	Lauchert	21		x	x	x	x	25	3500	
6012	Germany	Rottenacker	10	1	11	48	14	5	1000000000000000	Danube	18		x	x	x	x	25	2617	
6013	Germany	Donaueschingen	8	31	28	47	57	8	1000000000000000	Danube	120		x	x	x	x	148	9052	
6014	Germany	St Georgen	8	23	14	48	7	25	1001000000000000	Brigach	22		x	x	x	x	26	2961	
6015	Germany	Tuttlingen	8	50	27	48	0	12	1000000000000000	Danube	37		x	x	x	x	57	4387	
6016	Germany	Villingen	8	28	8	48	2	26	1001000000000000	Brigach	90		x	x	x	x	105	8371	
6017	Germany	ZV Obere Iller Sitz Sonthofen	10	15	59	47	36	1	1025000000000000	Iller	72		x	x	x	x	150	9193	
6018	Germany	ZV Gruppenklaerwerk Kempten Sitz Lauben	10	17	17	47	46	49	1025000000000000	Iller	122		x	x	x	x	250	10516	
6019	Germany	Memmingen	10	8	42	48	3	14	1025000000000000	Iller	121		x	x		x	275	14778	
6020	Germany	Voehringen	10	4	5	48	17	18	1025000000000000	Iller	25		x	x		x	25	1190	
6021	Germany	ZV Mittleres Illertal Sitz Illertissen	10	4	36	48	15	5	1025000000000000	Iller	62		x	x	x	x	100	2353	
6022	Germany	ZV Neu-Ulm/Ulm Ka.Steinhaeule Sitz Neu Ulm	10	1	57	48	25	32	1025000000000000	Iller	369		x	x	x	x	328	26685	
6023	Germany	Elchingen	10	5	42	48	26	46	1025000000000000	Iller	15		x	x	x	x	28	663	
6024	Germany	Weissenhorn	10	8	49	48	19	20	1025000000000000	Iller	13		x	x	x	x	20	797	
6025	Germany	ZV Ottobeuren-Hawangen Sitz Hawangen	10	17	14	47	58	38	1025000000000000	Iller	11		x	x		x	25	1497	
6026	Germany	ZV Unteres Guenztal Sitz Ichenhausen	10	16	49	48	24	60	1025000000000000	Iller	19		x	x	x	x	28	1357	
6027	Germany	Guenzburg	10	17	20	48	27	54	1025000000000000	Iller	56		x	x	x	x	110	2943	
6028	Germany	Mindelheim	10	29	8	48	3	56	1000000000000000	Danube	19		x	x	x	x	68	1099	
6029	Germany	Bad Woerishofen	10	35	54	48	2	31	1000000000000000	Danube	29		x	x	x	x	43	1904	
6030	Germany	ZV Mindel-Gruppe Sitz Thannhausen	10	27	43	48	17	41	1000000000000000	Danube	11		x	x	x	x	50	1156	
6031	Germany	Krumbach	10	21	22	48	16	39	1000000000000000	Danube	16		x	x	x	x	30	2631	
6032	Germany	ZV Mindel-Kammell Sitz Offingen	10	23	1	48	29	26	1000000000000000	Danube	19		x	x		x	24	1749	
6033	Germany	Gundelfingen	10	23	21	48	33	8	1000000000000000	Danube	9		x	x		x	25	757	
6034	Germany	Lauringen	10	27	7	48	34	11	1000000000000000	Danube	29		x	x	x	x	30	1230	
6035	Germany	Dillingen / Donau	10	30	43	48	34	21	1000000000000000	Danube	20		x	x	x	x	45	1448	
6036	Germany	Dinkelsbuehl	10	20	8	49	3	34	1000000000000000	Danube	16		x	x		x	66	1002	
6037	Germany	Feuchtwangen	10	20	24	49	9	15	1000000000000000	Danube	8		x	x		x	25	728	
6038	Germany	Oettingen/Bay	10	36	32	48	56	34	1000000000000000	Danube	7		x	x		x	30	530	
6039	Germany	Noerdlingen	10	30	49	48	52	28	1000000000000000	Danube	48		x	x	x	x	67	1813	
6040	Germany	Donauwoerth	10	47	50	48	42	43	1000000000000000	Danube	26		x	x	x	x	72	1664	
6041	Germany	Wertingen	10	42	6	48	34	18	1000000000000000	Danube	7		x	x	x	x	24	603	
6042	Germany	ZV Schmuttertal Sitz Hirblingen	10	49	36	48	26	24	1000000000000000	Danube	46		x	x	x	x	50	3283	
6043	Germany	ZV Fuessen Sitz Fuessen	10	42	47	47	35	57	1027000000000000	Lech	35		x	x	x	x	70	2041	
6044	Germany	Schongau	10	55	5	47	49	1	1027000000000000	Lech	25		x	x		x	80	1869	
6045	Germany	Peiting	10	55	57	47	49	25	1027000000000000	Lech	20		x	x	x	x	35	1200	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1067	89	133	64		3	71.67											
1077	4	38	20		0	70							4	38	20	0	
6001		160	105	6	3	150											no more BOD-analyses
6002		131	95	2	7	85											no more BOD-analyses
6003		295	103	15	7	78											no more BOD-analyses
6004		122	40	13	5	60											no more BOD-analyses
6005		131	49	14	4	52											no more BOD-analyses
6006		60	21	9	1	26											no more BOD-analyses
6007		78	34	9	4	35											no more BOD-analyses
6008		66	29	2	2	32											no more BOD-analyses
6009		30	4	1	0.6	28											no more BOD-analyses
6010		32	14	2	1	27											no more BOD-analyses
6011		81	39	5	2	25											no more BOD-analyses
6012		47	14	1	2	25											no more BOD-analyses
6013		163	72	5	5	148											no more BOD-analyses
6014		47	34	4	2	26											no more BOD-analyses
6015		140	79	17	3	57											no more BOD-analyses
6016		226	134	44	6	105											no more BOD-analyses
6017	65	389	234		11	150				25.43		31	215	61	5		
6018	106	568	360		12	300						61	429	123	10		
6019	78	418	589		7	330	2002		2005	78.23		67	472	135	11		
6020	17	73	52		1	25			2004			5	36	10	1		
6021	29	148	121		5	65				19.56		13	93	27	2		
6022	109	873	313		11	440				103.66		90	630	180	14		
6023	4	22	18		1	28						6	40	11	1		
6024	5	28	5		0	20						4	29	8	1		
6025	5	32	29		1	25			2003			5	36	10	1		
6026	7	50	25		1	28						6	40	11	1		
6027	11	93	18		2	110						22	157	45	4		
6028	12	52	22		1	68						14	97	28	2		
6029	8	49	13		1	43						9	62	18	1		
6030	9	40	18		2	40						8	57	16	1		
6031	10	69	32		3	30						6	43	12	1		
6032	19	100	33		4	24			2005			5	34	10	1		
6033	5	29	24		1	25			2003			5	36	10	1		
6034	8	84	19		1	30						6	43	12	1		
6035	9	43	19		3	45						9	64	18	1		
6036	12	64	25		1	45	1999		2002	9.78		9	64	18	1		
6037	2	28	23		1	25			2005			5	36	10	1		
6038	6	31	21		1	30			2005			6	43	12	1		
6039	11	88	38		2	36						7	52	15	1		
6040	8	76	34		2	64						13	92	26	2		
6041	2	17	5		1	24						5	34	10	1		
6042	33	94	32		4	50						10	72	20	2		
6043	12	107	50		4	70				19.56		14	100	29	2		
6044	9	88	73		3	80	2002		2002			16	114	33	3		
6045	6	47	12		1	35						7	50	14	1		

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
6046	Germany	Landsberg/Lech	10	52	34	48	4	3	1027000000000000	Lech	45	x	x		x	71	2583	
6047	Germany	ZV Lechfeldgemeinden Sitz Klosterlechfeld	10	53	47	48	13	11	1027000000000000	Lech	27	x	x	x	x	26	747	
6048	Germany	Marktoberdorf	10	37	13	47	47	50	1027000000000000	Lech	30	x	x	x	x	55	3141	
6049	Germany	Kaufbeuren	10	36	59	47	54	12	1027000000000000	Lech	43	x	x		x	119	7202	
6050	Germany	Tuerkheim-Vg	10	39	25	48	4	50	1027000000000000	Lech	13	x	x		x	22	520	
6051	Germany	Buchloe	10	43	20	48	2	43	1027000000000000	Lech	18	x	x	x	x	100	2291	
6052	Germany	Schwabmuenchen	10	43	48	48	12	10	1027000000000000	Lech	16	x	x	x	x	25	1173	
6053	Germany	Bobingen	10	49	49	48	17	16	1027000000000000	Lech	16	x	x	x	x	40	1554	
6054	Germany	Augsburg	10	53	19	48	24	49	1027000000000000	Lech	467	x	x	x	x	600	65137	
6055	Germany	Gersthofen	10	52	54	48	27	37	1027000000000000	Lech	20	x	x	x	x	45	1842	
6056	Germany	Rain/Lech	10	55	28	48	42	0	1000000000000000	Danube	11	x	x	x	x	24	495	
6057	Germany	Neuburg/Donau	11	12	33	48	44	20	1000000000000000	Danube	33	x	x	x	x	68	2281	
6058	Germany	ZV Zentralklaeranlage Ingolstadt	11	29	33	48	45	44	1000000000000000	Danube	0	x	x	x	x	235	14972	
6059	Germany	Friedberg-Paar	11	2	30	48	22	15	1000000000000000	Danube	12	x	x	x	x	21	529	
6060	Germany	Aichach	11	8	2	48	28	25	1000000000000000	Danube	25	x	x	x	x	30	1420	
6061	Germany	Schrobenhausen	11	16	42	48	34	28	1000000000000000	Danube	31	x	x	x	x	56	2332	
6062	Germany	Manching	11	30	4	48	43	26	1000000000000000	Danube	40	x	x	x	x	41	2118	
6063	Germany	Mainburg	11	47	31	48	39	29	1000000000000000	Danube	14	x	x		x	35	1011	
6064	Germany	Abensberg	11	49	54	48	49	12	1000000000000000	Danube	14	x	x	x	x	25	863	
6065	Germany	ZV Oberes Ilmtal Sitz Reichertshausen	11	30	18	48	28	27	1000000000000000	Danube	10	x	x	x	x	20	1228	
6066	Germany	Pfaffenhofen/Ilm	11	30	57	48	32	39	1000000000000000	Danube	53	x	x	x	x	108	3607	
6067	Germany	Leutershausen	10	25	25	49	17	29	1036000000000000	Altmühl	12	x	x		x	30	718	
6068	Germany	Gunzenhausen	10	45	33	49	6	18	1036000000000000	Altmühl	30	x	x	x	x	27	2020	
6069	Germany	Treuchtlingen	10	54	45	48	57	1	1036000000000000	Altmühl	35	x	x	x	x	45	1449	
6070	Germany	Eichstaett	11	13	5	48	52	50	1036000000000000	Altmühl	20	x	x		x	30	516	
6071	Germany	Freystadt	11	20	4	49	11	33	1036000000000000	Altmühl	5	x	x	x		25	587	
6072	Germany	ZV Im Raume Kelheim Sitz Kelheim	11	55	56	48	54	34	1000000000000000	Danube	35	x	x	x	x	70	1318	
6073	Germany	Tirschenreuth	12	18	41	49	53	1	1038000000000000	Naab	20	x	x	x	x	30	788	
6074	Germany	ZV Altenstadt-Neustadt Sitz Neustadt	12	10	19	49	42	47	1038000000000000	Naab	14	x	x	x	x	35	1187	
6075	Germany	Weiden	12	9	43	49	39	46	1038000000000000	Naab	75	x	x	x	x	120	4383	
6076	Germany	Kemnath	11	53	26	49	51	8	1038000000000000	Naab	29	x	x	x	x	50	1183	
6077	Germany	Grafenwoehr	11	55	58	49	42	35	1038000000000000	Naab	15	x	x	x	x	52	971	
6078	Germany	Neunburg/Wald	12	22	2	49	21	35	1038000000000000	Naab	11	x	x		x	38	661	
6079	Germany	ZV Schwandorf-Wackersdorf Sitz Schwandorf	12	6	39	49	18	12	1038000000000000	Naab	51	x	x	x	x	110	2257	
6080	Germany	ZV Maxhuetten-Haidhof Sitz Teublitz	12	3	47	49	13	11	1038000000000000	Naab	13	x	x	x	x	22	1038	
6081	Germany	Sulzbach-Rosenberg	11	47	22	49	29	38	1038000000000000	Naab	30	x	x	x	x	45	3499	
6082	Germany	ZV Amberg-Kuemmersbruck Sitz Amberg	11	54	54	49	22	49	1038000000000000	Naab	90	x	x	x	x	170	6272	
6083	Germany	Schwarzenfeld	12	7	6	49	22	14	1038000000000000	Naab	16	x	x	x	x	20	659	
6084	Germany	Regen	13	6	24	48	58	13	1039000000000000	Regen	18	x	x	x	x	50	1867	
6085	Germany	Zwiesel	13	12	1	49	0	28	1039000000000000	Regen	16	x	x	x	x	29	1863	
6086	Germany	Teisnach	12	59	45	49	2	37	1039000000000000	Regen	14	x	x	x	x	26	1188	
6087	Germany	Viechtach	12	53	34	49	5	6	1039000000000000	Regen	17	x	x	x	x	30	871	
6088	Germany	ZV Lamer Winkel Sitz Lam	12	59	25	49	12	12	1039000000000000	Regen	12	x	x	x	x	25	1734	
6089	Germany	Koetzing	12	50	12	49	10	5	1039000000000000	Regen	10	x	x	x	x	20	609	
6090	Germany	Furth/Wald	12	50	10	49	18	12	1039000000000000	Regen	9	x	x		x	60	1144	
6091	Germany	Cham	12	38	48	49	13	30	1039000000000000	Regen	25	x	x	x	x	65	1828	
6092	Germany	Roding	12	30	8	49	11	38	1039000000000000	Regen	9	x	x	x	x	25	514	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
6046	32	169	87		3	71		2003		2003			15	102	29	2	
6047	5	47	16		1	26							5	37	11	1	
6048	10	97	35		2	65					5.87		13	93	27	2	
6049	29	197	169		4	119		2002		2002			24	170	49	4	scaled down to 80000 EW
6050	10	44	18		1	22				2003			4	31	9	1	
6051	22	85	50		3	30							6	43	12	1	
6052	10	47	27		2	25							5	36	10	1	
6053	10	56	15		2	40							8	57	16	1	
6054	150	1873	502		22	600							123	858	245	20	
6055	9	77	42		3	45							9	64	18	1	
6056	3	24	19		1	24							5	34	10	1	
6057	18	99	24		2	68					19.56		14	97	28	2	
6058	150	924	407		17	235					9.78		48	336	96	8	
6059	2	30	4		1	21							4	30	9	1	
6060	12	44	17		1	30							6	43	12	1	
6061	32	126	46		2	56					3.91		11	80	23	2	
6062	11	125	34		3	41							8	59	17	1	
6063	22	82	62		1	35			2001				7	50	14	1	
6064	4	24	8		1	25							5	36	10	1	
6065	4	28	23		2	20							4	29	8	1	
6066	19	88	56		1	54					19.56		11	77	22	2	
6067	7	56	7		0	30			2005				6	43	12	1	
6068	7	81	36		2	27							6	39	11	1	
6069	13	70	18		1	45							9	64	18	1	
6070	19	77	38		2	30			2005				6	43	12	1	
6071	2	21	16		1	25			2005				5	36	10	1	scaled down to 7000 EW
6072	11	74	31		3	70							14	100	29	2	
6073	9	42	10		1	30							6	43	12	1	
6074	8	46	19		1	35							7	50	14	1	
6075	19	144	40		1	100					11.73		20	143	41	3	
6076	9	59	7		2	50							10	72	20	2	
6077	4	60	22		0	52					5.87		11	74	21	2	
6078	2	26	6		1	38			2005				8	54	16	1	
6079	9	95	63		2	110							22	157	45	4	
6080	4	36	6		1	22							4	31	9	1	
6081	17	64	34		3	45							9	64	18	1	
6082	17	192	86		6	170							35	243	69	6	
6083	6	29	6		2	20							4	29	8	1	
6084	12	69	25		2	50					1.96		10	72	20	2	
6085	8	52	25		2	29							6	41	12	1	
6086	8	46	8		1	26							5	37	11	1	
6087	6	45	20		3	30							6	43	12	1	
6088	9	46	14		1	25							5	36	10	1	
6089	2	15	8		0	20							4	29	8	1	
6090	16	60	29		2	40		1999		2005	3.91		8	57	16	1	
6091	18	89	86		3	45					5.87		9	64	18	1	
6092	5	40	11		1	25							5	36	10	1	

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
6093	Germany	ZV Sulzbachtal Sitz Nittenau	12	15	41	49	12	12	1039000000000000	Regen	14	x	x	x	x	43	1210	
6094	Germany	Regensburg	12	11	10	49	0	26	1000000000000000	Danube	240	x	x	x	x	400	19711	
6095	Germany	Pfeffenhausen	11	58	29	48	40	18	1000000000000000	Danube	12	x	x	x	x	22	673	
6096	Germany	Rottenburg/Laabert	12	0	59	48	42	52	1000000000000000	Danube	18	x	x	x	x	35	975	
6097	Germany	Bogen	12	42	51	48	53	46	1000000000000000	Danube	18	x	x		x	50	917	
6098	Germany	Straubing	12	37	35	48	54	7	1000000000000000	Danube	113	x	x		x	200	7339	
6099	Germany	Mittenwald	11	16	50	47	28	13	1053000000000000	Isar	15	x	x	x	x	30	1286	
6100	Germany	Bad Toelz	11	32	37	47	46	45	1053000000000000	Isar	45	x	x		x	82	4251	
6101	Germany	Garmisch-Partenkirchen	11	5	59	47	30	39	1053000000000000	Isar	50	x	x		x	74	3057	
6102	Germany	Murnau/Staffelsee	11	13	30	47	40	6	1053000000000000	Isar	20	x	x	x	x	50	1538	
6103	Germany	Penzberg	11	24	3	47	45	24	1053000000000000	Isar	27	x	x	x	x	26	2026	
6104	Germany	ZV Isar-Loisachgruppe Sitz Geretsried	11	25	50	47	55	38	1053000000000000	Isar	60	x	x	x	x	100	3585	
6105	Germany	Muenchen I	11	37	51	48	12	35	1053000000000000	Isar	1085	x	x		x	1950	97800	
6106	Germany	Unterfoehring	11	39	47	48	12	4	1053000000000000	Isar	18	x	x	x	x	26	414	
6107	Germany	Ismaning	11	40	28	48	14	16	1053000000000000	Isar	20	x	x	x	x	32	1491	
6108	Germany	Garching/Muenchen	11	41	1	48	16	12	1053000000000000	Isar	23	x	x		x	25	1476	
6109	Germany	Muenchen II - Gut Marienhof	11	41	24	48	17	35	1053000000000000	Isar	606	x	x	x	x	1000	52857	
6110	Germany	Oberschleissheim	11	32	35	48	15	41	1053000000000000	Isar	18	x	x	x	x	30	1476	
6111	Germany	ZV Unterschl.Eching Neufahrn S. Hollern	11	41	57	48	19	31	1053000000000000	Isar	64	x	x	x	x	100	3168	
6112	Germany	Freising	11	45	44	48	24	20	1053000000000000	Isar	76	x	x	x	x	110	4665	
6113	Germany	ZV Muenchen Ost Sitz Poing	11	49	10	48	13	34	1053000000000000	Isar	95	x	x	x	x	110	4524	
6114	Germany	ZV Erdinger Moos Sitz Erding	11	53	41	48	22	27	1053000000000000	Isar	113	x	x	x	x	320	6996	
6115	Germany	Moosburg/Isar	11	56	57	48	29	23	1053000000000000	Isar	31	x	x	x	x	40	1894	
6116	Germany	Peissenberg	11	4	51	47	47	6	1053000000000000	Isar	14	x	x		x	25	1195	
6117	Germany	Weilheim/Ob	11	8	41	47	51	14	1053000000000000	Isar	25	x	x	x	x	25	1515	
6118	Germany	ZV Ammersee-Ost-West Sitz Eching/Ammersee	11	7	29	48	4	53	1053000000000000	Isar	70	x	x	x	x	90	3867	
6119	Germany	Fuerstenfeldbruck	11	18	16	48	11	13	1053000000000000	Isar	58	x	x	x	x	100	2920	
6120	Germany	ZV Amper-Gruppe Sitz Eichenau	11	21	43	48	14	5	1053000000000000	Isar	200	x	x	x	x	240	11335	
6121	Germany	ZV Starnberger See Sitz Starnberg	11	21	28	48	0	57	1053000000000000	Isar	60	x	x	x	x	108	7457	
6122	Germany	Dachau	11	28	15	48	16	53	1053000000000000	Isar	42	x	x	x	x	95	5436	
6123	Germany	Karlsfeld	11	28	54	48	14	55	1053000000000000	Isar	24	x	x	x	x	25	2117	
6124	Germany	Landau/Isar	12	42	26	48	40	43	1053000000000000	Isar	15	x	x	x	x	40	1556	
6125	Germany	Landshut	12	14	21	48	35	11	1053000000000000	Isar	79	x	x	x	x	260	12357	
6126	Germany	Dingolfing	12	30	27	48	38	15	1053000000000000	Isar	57	x	x	x	x	90	3113	
6127	Germany	Plattling	12	53	19	48	46	38	1053000000000000	Isar	20	x	x	x	x	65	2887	
6128	Germany	ZV Hengersberg Sitz Hengersberg	13	1	52	48	45	32	1000000000000000	Danube	18	x	x		x	24	1148	
6129	Germany	Deggendorf	12	58	23	48	48	46	1000000000000000	Danube	50	x	x	x	x	55	3671	
6130	Germany	Vilsbiburg	12	22	39	48	27	54	1000000000000000	Danube	10	x	x	x	x	28	670	
6131	Germany	ZV Mittleres Vilstal Sitz Reisbach	12	37	42	48	34	49	1000000000000000	Danube	17	x	x	x	x	25	1278	
6132	Germany	Arnstorf	12	49	19	48	34	7	1000000000000000	Danube	14	x	x	x	x	20	417	
6133	Germany	Roszbach	12	56	28	48	36	8	1000000000000000	Danube	5	x	x	x	x	30	151	
6134	Germany	Vilshofen	13	12	14	48	37	42	1000000000000000	Danube	27	x	x	x	x	37	934	
6135	Germany	Freyung	13	32	21	48	48	39	1000000000000000	Danube	9	x	x	x	x	44	600	
6136	Germany	Hutthurm	13	27	8	48	41	17	1000000000000000	Danube	12	x	x	x	x	24	443	
6171	Germany	Passau	13	30	0	48	34	33	1000000000000000	Danube	89	x	x		x	100	5612	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
6093	13	70	31		2	43							9	62	18	1	
6094	114	798	368		11	400							82	572	164	13	
6095	6	28	9		1	22							4	31	9	1	
6096	3	18	8		1	35							7	50	14	1	
6097	6	32	40		1	15		1998		2005		3.91	3	21	6	0	scaled down to 15000 EW
6098	33	179	147		5	200		2003		2005		19.56	41	286	82	7	
6099	8	46	23		1	30							6	43	12	1	change of name (Oberes Isartal - Mittenwald)
6100	19	153	78		3	82		1997		2005			17	117	34	3	
6101	24	173	130		4	74				2004			15	106	30	2	
6102	5	70	22		1	50							10	72	20	2	
6103	15	96	35		3	26							5	37	11	1	change of name (ZV Penzberg)
6104	13	221	26		3	100							20	143	41	3	
6105	693	3349	1871		81	1950		1999		2003		97.79	399	2790	797	64	
6106	2	13	7		1	26							5	37	11	1	
6107	23	92	30		2	32							7	46	13	1	
6108	5	38	24		1	25				2005			5	36	10	1	change of name (Garching b. Muenchen)
6109	166	1411	913		42	1000						68.45	204	1431	409	33	
6110	9	23	8		1	30							6	43	12	1	
6111	12	101	73		2	120						25.43	25	172	49	4	
6112	20	122	62		3	110							22	157	45	4	
6113	22	140	75		3	135						64.54	28	193	55	4	
6114	40	231	94		2	320							65	458	131	10	
6115	9	42	18		2	40							8	57	16	1	
6116	14	97	32		1	25				2005			5	36	10	1	
6117	2	52	14		1	25							5	36	10	1	
6118	29	181	79		2	90							18	129	37	3	
6119	12	131	51		2	100							20	143	41	3	
6120	26	317	139		7	240							49	343	98	8	
6121	27	213	123		7	147						78.23	30	210	60	5	
6122	18	105	48		2	95							19	136	39	3	
6123	11	41	27		2	25							5	36	10	1	
6124	7	62	22		2	40							8	57	16	1	
6125	46	384	166		9	260						25.43	53	372	106	9	
6126	30	131	65		2	90							18	129	37	3	
6127	22	101	32		3	59						5.87	12	84	24	2	
6128	22	73	25		1	24				2005			5	34	10	1	
6129	26	180	46		5	55							11	79	22	2	
6130	24	85	30		2	28							6	40	11	1	
6131	5	36	20		1	25							5	36	10	1	
6132	5	25	4		0	20							4	29	8	1	
6133	1	5	2		0	30							6	43	12	1	
6134	10	69	29		1	37							8	53	15	1	
6135	2	25	9		2	44							9	63	18	1	
6136	5	35	6		1	24							5	34	10	1	
6171	73	439	203		6	100		2002		2004		9.78	20	143	41	3	



Emission Inventory 2000  
Industrial Discharges

# Upper Danube Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a							
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P
6501	Germany	Sappi Ehingen	9	43	41	48	16	16	1000000000000000	Danube	3			2645	44	2.6	0.2	24.2	27		3.5
6504	Germany	Faserwerk Kehlheim GmbH	11	54	21	48	54	31	1000000000000000	Danube	2			850	140				77		2.1
6506	Germany	MD Papier Plattling	12	52	13	48	48	2	1053000000000000	Isar	3			700					13		5.5
6507	Germany	Haindl Papier Schongau	10	54	24	47	48	30	1027000000000000	Lech	3			1970	67				7		1.6
6508	Germany	Gebr. Lang AG Etringen	10	39	34	48	7	1	1027000000000000	Lech	3			860	90				5		2.1
6509	Germany	Nuclear power plant Gundremmin	10	24	10	48	30	38	1000000000000000	Danube	11			500					2		5

AV code																						Remarks						
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol		NES	DIS	CIH	act-Cl	AOX	
6501																											0.28	actual effluent loads on the basis of BAT implemented
6504																											1.3	actual effluent loads on the base of BAT partially implemented
6506																											0.3	actual effluent loads on the basis of BAT implemented (MD Plattling)
6507																											0.7	actual effluent loads on the basis of BAT implemented
6508																											0.3	actual effluent loads on the basis of BAT implemented
6509																												actual effluent loads on the basis of BAT implemented

Emission Inventory 2000  
Municipal Discharges

# Inn Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
1039	Austria	Ried i.l. / Umgebung	48	13	31	13	28	51	1060000000000000	Inn	28		x	x	x	x	80	4669
1047	Austria	Salzburg/Siggerw.	47	51	37	13	0	7	1060002000000000	Salzach	541		x	x	x		620	28544
1048	Austria	Trumerseen	47	58	55	13	5	20	1060003000000000	Inn (T)	14		x	x	x	x	40	1092
1049	Austria	Zell / See	47	17	2	12	47	32	1060002000000000	Salzach	55		x	x			53	2653
1050	Austria	Saalbach	47	22	18	12	41	37	1060002010000000	Salzach (T)	14		x	x	x		49	2472
1051	Austria	Saalfelden	47	27	50	12	49	35	1060002010000000	Salzach (T)	40		x	x			50	2537
1052	Austria	Bischofshofen	47	19	20	13	10	34	1060002000000000	Salzach	54		x	x			75	3745
1059	Austria	Innsbruck	47	16	10	11	27	48	1060000000000000	Inn	231		x	x	x	x	400	21603
1060	Austria	Imst	47	13	6	10	45	15	1060000000000000	Inn	30		x	x	x	x	46	2849
1061	Austria	Zirl	47	15	54	11	17	15	1060000000000000	Inn	33		x	x	x	x	45	2488
1062	Austria	Fritzens	47	18	23	11	36	41	1060000000000000	Inn	56		x	x	x	x	94	6879
1063	Austria	Kitzbühel	47	27	58	12	23	1	1060001010000000	Inn (T)	21		x	x	x	x	47	4268
1064	Austria	Kirchdorf i.T.	47	36	3	12	28	16	1060001010000000	Inn (T)	29		x	x	x	x	70	2752
1065	Austria	Kirchbichl	47	32	12	12	6	33	1060000000000000	Inn	46		x	x	x	x	90	6065
1066	Austria	Radfeld	47	27	41	11	55	60	1060000000000000	Inn	21		x	x	x	x	40	2576
1068	Austria	Schwaz	47	21	50	11	43	32	1060000000000000	Inn	68		x	x	x	x	85	3324
1069	Austria	Strass i.Z.	47	24	26	11	50	13	1060000000000000	Inn	103		x	x	x	x	167	9202
1075	Austria	Stams	47	17	12	10	59	18	1060000000000000	Inn	12		x	x	x	x	41	1408
1076	Austria	Kufstein	47	36	17	12	11	11	1060000000000000	Inn	34		x	x	x	x	50	3597
6137	Germany	Kiefersfelden	12	12	3	47	36	28	1060000000000000	Inn	10		x	x	x	x	20	789
6138	Germany	ZV Brannenburg-Flintsbach Sitz Brannenburg	12	7	19	47	44	33	1060000000000000	Inn	11		x	x	x	x	29	617
6139	Germany	Raubling	12	7	37	47	48	43	1060000000000000	Inn	17		x	x		x	34	674
6140	Germany	ZV Bockau Simssee-Prien-Achental	12	9	30	47	50	27	1060000000000000	Inn	39		x	x	x	x	80	2531
6141	Germany	ZV Reinhaltung Des Chiemsee S. Prien	12	17	5	47	51	40	1060000000000000	Inn	42		x	x	x	x	90	4030
6142	Germany	ZV Tegernsee Sitz Bad Wiessee	11	45	33	47	45	56	1060000000000000	Inn	56		x	x	x	x	60	4377
6143	Germany	ZV Schlierachtal Sitz Schliersee	11	49	35	47	48	14	1060000000000000	Inn	24		x	x	x	x	80	2399
6144	Germany	Holzkirchen	11	44	38	47	54	33	1060000000000000	Inn	21		x	x	x	x	50	1200
6145	Germany	Feldkirchen-Westerham	11	51	58	47	53	35	1060000000000000	Inn	14		x	x		x	23	537
6146	Germany	Markt Bruckmuehl	11	58	18	47	52	4	1060000000000000	Inn	22		x	x	x	x	25	866
6147	Germany	Bad Aibling	12	1	39	47	51	3	1060000000000000	Inn	21		x	x		x	60	1577
6148	Germany	Bad Feilnbach	12	1	2	47	47	48	1060000000000000	Inn	6		x	x	x	x	20	447
6149	Germany	Rosenheim	12	7	53	47	52	38	1060000000000000	Inn	212		x	x		x	350	8164
6150	Germany	Grafring/Muenchen	11	58	36	48	2	18	1060000000000000	Inn	9		x	x		x	45	1812
6151	Germany	Ebersberg	11	59	22	48	4	46	1060000000000000	Inn	9		x	x		x	25	936
6152	Germany	Wasserburg/Inn	12	13	10	48	4	20	1060000000000000	Inn	17		x	x	x	x	50	1919
6153	Germany	Haag/Ob	12	12	2	48	8	49	1060000000000000	Inn	17		x	x		x	30	592
6154	Germany	Muehldorf	12	32	45	48	14	18	1060000000000000	Inn	18		x	x	x	x	30	1292
6155	Germany	Waldkraiburg	12	25	21	48	12	13	1060000000000000	Inn	45		x	x		x	80	1811
6156	Germany	Altoetting-Neuoetting	12	42	18	48	15	24	1060000000000000	Inn	44		x	x		x	40	2900
6157	Germany	ZV Achental Sitz Grassau	12	29	14	47	47	39	1060000000000000	Inn	22		x	x	x	x	25	1272
6158	Germany	Traunstein	12	38	25	47	53	15	1060000000000000	Inn	70		x	x	x	x	92	3301
6159	Germany	Traunreut	12	35	21	47	57	13	1060000000000000	Inn	20		x	x	x	x	30	1024
6160	Germany	Trostberg	12	34	15	48	2	31	1060000000000000	Inn	14		x	x	x	x	25	570
6161	Germany	Garching/Alz	12	37	1	48	8	18	1060000000000000	Inn	15		x	x		x	21	354
6162	Germany	Berchtesgaden	13	2	13	47	38	56	1060000000000000	Inn	35		x	x	x	x	60	2966

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1039	19	84	27	5	4	79.717											
1047	143	885	280		89	620			2001				143	885	280	25	
1048	5	25	13		1	40											
1049	32	114	69		8	70		Nov 2000	2002		8	28	114	56	3		
1050	20	59	26		2	49						20	59	26	2		
1051	19	99	72		14	80		Jan 2000	2002			19	99	50	2		
1052	51	190	102		17	120		Jan 2003	2006		12	55	180	70	3		
1059	59	390	126		11	400											
1060	14	91	41		3	46											
1061	13	73	9		2	45											
1062	22	190	38		3	120											
1063	24	67	23		3	46.55											
1064	22	122	22		2	70											
1065	25	210	66		5	90											
1066	9	81	16		2	40											
1068	12	96	16		1	85											
1069	33	224	43		8	167											
1075	17	60	11		3	41											
1076	51	194	73		7	49.7											
6137	4	17	8		1	20						4	29	8	1		
6138	2	18	11		0	29						6	41	12	1		
6139	19	70	23		1	34			2005			7	49	14	1		
6140	12	99	41		6	55					15.65	11	79	22	2		
6141	16	114	81		3	90					17.6	18	129	37	3	change of name (ZV Chiemsee)	
6142	5	83	29		1	60					52.81	12	86	25	2		
6143	11	88	31		2	80						16	114	33	3		
6144	2	25	15		0	50						10	72	20	2		
6145	4	24	35		0	23			2005			5	33	9	1		
6146	2	25	6		0	25						5	36	10	1		
6147	9	36	32		2	60		2002	2002			12	86	25	2		
6148	1	12	3		1	20						4	29	8	1		
6149	46	279	186		3	350		2002	2005			72	501	143	11		
6150	8	43	13		2	45			2005			9	64	18	1		
6151	10	40	21		2	25			2005			5	36	10	1		
6152	11	77	21		3	50						10	72	20	2		
6153	6	25	4		1	30			2005			6	43	12	1		
6154	7	37	5		1	30						6	43	12	1		
6155	13	142	123		2	80		2005	2005			16	114	33	3		
6156	17	89	47		2	40			2005			8	57	16	1		
6157	6	44	22		0	25						5	36	10	1		
6158	24	127	33		4	92					19.56	19	132	38	3		
6159	7	65	23		2	30						6	43	12	1		
6160	4	21	9		1	25						5	36	10	1		
6161	6	20	12		0	21			2005			4	30	9	1		
6162	8	54	32		2	60						12	86	25	2		

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
6163	Germany	Bad Reichenhall	12	55	35	47	45	54	1060000000000000	Inn	30	x	x	x	x	90	2143	
6164	Germany	Freilassing	12	59	28	47	50	38	1060000000000000	Inn	22	x	x	x	x	28	1525	
6165	Germany	Waging/See	12	49	57	47	55	44	1060000000000000	Inn	22	x	x	x	x	33	778	
6166	Germany	Simbach/Inn	13	2	18	48	16	3	1060000000000000	Inn	16	x	x		x	20	1812	
6167	Germany	ZV Bad Fuessing Sitz Bad Fuessing	13	20	35	48	20	40	1060000000000000	Inn	68	x	x	x	x	60	3107	
6168	Germany	Eggenfelden	12	46	46	48	24	18	1060000000000000	Inn	26	x	x	x	x	27	1270	
6169	Germany	Pfarrkirchen	12	57	59	48	25	56	1060000000000000	Inn	60	x	x	x	x	90	1866	
6170	Germany	Griesbach /Rottal	13	13	25	48	24	51	1060000000000000	Inn	28	x	x	x	x	25	1390	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
6163	10	50	32		2	90							18	129	37	3	
6164	11	62	13		2	28							6	40	11	1	
6165	4	37	8		2	33							7	47	13	1	
6166	11	74	37		2	20			2005				4	29	8	1	
6167	14	68	37		2	60					3.91		12	86	25	2	
6168	4	37	10		1	27							6	39	11	1	
6169	19	94	26		1	68							14	97	28	2	
6170	10	51	20		2	25							5	36	10	1	



Emission Inventory 2000  
Industrial Discharges

# Inn Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a												
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl				
1506	Austria	M.real AG Hallein	47	41	18	13	5	19	106000200000000	Salzach	3	395	15227	7209	2170	1.3										20
1510	Austria	BIOCHEMIE GmbH Kundl	47	28	8	11	59	5	106000000000000	Inn	2			1670	178	449						530				
6502	Germany	Infraserv Gendorf	12	44	19	48	10	46	106000000000000	Inn	2			380								25		4.1		
6503	Germany	Wacker Chemie GmbH	12	51	27	48	11	11	106000000000000	Inn	2			1770								380			15	
6505	Germany	Nitrochemie Aschau GmbH	12	22	4	48	11	2	106000000000000	Inn	2			850								260			45	

AV code																					Remarks							
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde		Methanol	NES	DIS	ClH	act-Cl	AOX	
1506		2219																									0.168	
1510																												
6502																											3.2	actual effluent loads on the basis of BAT implemented (change of name: Infraserp Gendorf)
6503																											12	actual effluent loads on the basis of BAT implemented
6505																											2	actual effluent loads on the basis of BAT implemented

Emission Inventory 2000  
Municipal Discharges

# Austrian Danube Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
1015	Austria	Amstetten	48	6	35	14	53	45	1081000000000000	Danube (T)	86		x	x	x	x	120	6640
1021	Austria	Horn	48	39	47	15	39	56	1092000000000000	Danube (T)	17		x	x		x	40	1235
1022	Austria	Korneuburg	48	20	8	16	19	57	1000000000000000	Danube	49		x	x		x	40	2753
1023	Austria	Krems	48	24	7	15	39	44	1000000000000000	Danube	94		x	x		x	184	5709
1026	Austria	Wieselburg	48	8	20	15	9	14	1083001000000000	Danube (T)	31		x	x	x	x	65	1438
1027	Austria	Anzbach-Laabental	48	13	26	15	55	23	1099000000000000	Danube (T)	23		x	x		x	40	3229
1028	Austria	Mittleres Pielach-S.u.Kr.Tal	48	12	43	15	29	58	1087000000000000	Danube (T)	26		x	x		x	30	2592
1029	Austria	An der Traisen	48	21	51	15	45	58	1000000000000000	Danube	94		x	x	x	x	180	17500
1034	Austria	Zwettl	48	36	48	15	11	9	1092000000000000	Danube (T)	33		x	x		x	40	1260
1035	Austria	Wolfgangsee / Ischl	47	43	30	13	38	55	1072000000000000	Traun	45		x	x	x	x	100	4503
1036	Austria	Trattnachtal	48	14	30	13	58	7	1069000000000000	Danube (T)	32		x	x	x	x	65	5074
1037	Austria	Oberes Kremstal	48	0	22	14	7	8	1091000000000000	Krems	29		x	x	x	x	43	2437
1038	Austria	Linz / Asten	48	14	13	14	24	42	1000000000000000	Danube	476		x	x			800	73818
1040	Austria	Steyr	48	3	52	14	26	3	1074000000000000	Enns	69		x	x	x		140	7265
1041	Austria	Ager West	48	0	58	13	44	51	1072000000000000	Traun	45		x	x		x	67	4567
1042	Austria	Attersee	47	58	3	13	36	31	1072000000000000	Traun	32		x	x		x	60	3806
1043	Austria	Vöckla-Redl	48	1	18	13	32	4	1072000000000000	Traun	35		x	x	x	x	70	2788
1044	Austria	Weiser Heide	48	10	57	14	8	20	1072000000000000	Traun	116		x	x	x	x	200	9677
1045	Austria	Schwandenstadt	48	3	20	13	47	33	1072000000000000	Traun	22		x	x	x	x	50	1349
1046	Austria	Traunsee-Nord	47	56	30	13	48	10	1072000000000000	Traun	58		x	x	x	x	96	4154
1074	Austria	Radstadt	47	23	16	13	29	50	1047000000000000	Enns	50		x	x			60	2627

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1015	20	166	21		1	120											
1021	9	41	14		1	40						9	41	14	1		
1022	35	122	50		2	40						35	122	50	2		
1023	91	258	120		7	183.5						91	258	120	7		
1026	8	29	9		1	64.5											
1027	28	97	56		4	40						28	97	56	4		
1028	13	72	93		2	30						13	72	93	2		
1029	68	457	99		11	180											
1034	7	39	9		1	40						7	39	9	1		
1035	24	74	29	8.3	1	100											
1036	43	130	59	13	13	65											
1037	8	32	18	4.2	5	43											
1038	546	3964	1551	1246	54	800			2001		48	438	3285	277	37		
1040	45	234	87	12.5	3	140						45	234	87	3		
1041	26	93	79	4	3	67						7	25	59	38	2	
1042	45	153	60	46	7	65		2001	2001		9	41	116	31	4		
1043	13	74	15	4.2	2	70											
1044	36	293	76	22	6	200											
1045	4	22	3	0.6	1	50											
1046	33	93	22	11.3	2	96											
1074	25	95	75		12	63			2002			25	95	40	3		

Emission Inventory 2000  
Industrial Discharges

# Austrian Danube Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a								
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl
1503	Austria	Lenzing AG (pulp)	47	58	50	13	37	23	1072001000000000	Traun (T)	3	34	21706	36.5								1.9
1504	Austria	Steyrermühl AG (paper)	47	59	36	13	48	4	1072000000000000	Traun	3	162	9534	44.2	2.5		2.2					1.5
1505	Austria	SCA Laakirchen (paper)	47	58	58	13	48	49	1072000000000000	Traun	3	59	19547	452	21.9	0.4	6.4					2.117
1512	Austria	Neusiedler AG Kematen	48	1	41	14	45	38	1081000000000000	Danube (T)	3	133	3258	1576	81				5.5			2.4
1513	Austria	Agrana	48	21	45	14	0	49	1000000000000000	Danube	1	79	669	73.3	10.1	3			20.5			6.4



AV code																							Remarks					
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES		DIS	ClH	act-Cl	AOX	
1503																												
1504																												
1505																												
1512																												
1513																												

Emission Inventory 2000  
Municipal Discharges

# Morava Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)		
			deg	min	sec	deg	min	sec				K	M	B	N	P				
5001	Czech Republic	Brno							110801503000000	Svratka	337		x	x		x		450	33974	
5002	Czech Republic	Zlín							110801200000000	Dřevnice	100		x	x	x	x		207	8585	
5003	Czech Republic	Olomouc							110800000000000	Morava	210		x	x	x			429	18263	
5004	Czech Republic	Prerov							110800700000000	Becva	80		x	x				96	5733	
5005	Czech Republic	Uherské Hradiště							110800000000000	Morava	60		x	x				73	2642	
5006	Czech Republic	Prostějov							110800800000000	Valova	120		x	x		x		120	6907	
5007	Czech Republic	Jihlava							110801503030000	Jihlava	65		x	x				100	4999	
5008	Czech Republic	Třebíč							110801503030000	Jihlava	35		x	x				64	3102	
5009	Czech Republic	Znojmo							110801500000000	Dyje	70		x	x	x	x		90	3605	
5010	Czech Republic	Vsetín							110800700000000	Vsetínská Bělá	41		x	x				60	4370	
5011	Czech Republic	Šumperk							110800200000000	Desná	40		x	x	x			93	5075	
5012	Czech Republic	Valašské Meziříčí							110800700000000	Bělá	40		x	x	x			64	3020	
5013	Czech Republic	Kroměříž							110800000000000	Morava	40		x	x		x		90	3642	
5014	Czech Republic	Hodonín							110800000000000	Morava	70		x	x				76	3544	
5015	Czech Republic	Břeclav							110801500000000	Dyje	31		x	x				30	2751	
5016	Czech Republic	Vyskov							110800900000000	Hana	30		x	x				35	2726	
5017	Czech Republic	Blansko							110801503010000	Svitava	15		x	x				23	1348	
5018	Czech Republic	Hranice na Moravě							110800400000000	Bělá	15		x	x				22	2377	
5019	Czech Republic	Svitavy							110801303010100	Vendelský brook	25		x	x	x			54	1693	
5020	Czech Republic	Zubří - Roznov							110800401000000	Roznovská Bělá	35		x	x				36	3448	
5021	Czech Republic	Bystrice P. Host.							110801001000000	Bystrická	14		x	x	x			17	1624	
5022	Czech Republic	Dacice							110801501000000	Moravská Dyje	6		x	x				10	274	
5023	Czech Republic	Lanskroun							110800301000000	Ostrovský brook	12		x	x				17	910	
5024	Czech Republic	Boskovice							110801503010200	Bělá	10		x	x				12	712	
5025	Czech Republic	Letovice							110801503010000	Svitava	5		x	x	x			6	335	
5026	Czech Republic	Slapanice							110801503020300	Rýčká	8									
5027	Czech Republic	Zdichovice							110801503000000	Svratka	5		x	x	x			7	122	
5028	Czech Republic	Mikulov							110801504000000	Mikulovka	12		x	x				20	963	
5030	Czech Republic	Nápatčedla							110800000000000	Morava	8		x	x	x			14	586	
5031	Czech Republic	Kyjov							110801505000000	Kyjovka	15		x	x	x			25	860	
5032	Czech Republic	Bucovice							110801503020000	Litava	6		x	x	x			7	359	
5033	Czech Republic	Velké Meziříčí							110801503030100	Oslava	15		x	x	x			14	1555	
5034	Czech Republic	Únicov							110800501000000	Oskava	12		x	x				23	1029	
5035	Czech Republic	Zabřeh na Moravě							110800300000000	Moravská Sázava	30		x	x				35	2917	
5036	Czech Republic	Třešť							110801503030100	Třešťský brook	6		x	x	x			7	326	
5037	Czech Republic	Stěmberk							110800500000000	Sitka	15		x	x	x			25	1362	
5038	Czech Republic	Holesov							110801100000000	Rusava	27		x	x	x			37	1436	

AV Code	Total load discharged into receiving waters (t/a)						Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P			B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
5001	306	1063	1054	496	14	513		2001	1961	1999		46.1	306	1063	340	14	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction. Start of operation N/P = only chemical reduction of phosphorus.	
5002	29	292	129	25	23	207			1963	2001								
5003	124	789	321	60	29	429			1996	2001								
5004	113	364	104	102	8	155		1999	1969			4.6	75	364	86	8	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5005	58	201	92	91	13	73		2001	1974			5.8	34	182	40	5	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5006	164	613	151	123	8	130		1999	1977	1999		15.2	90	477	104	8	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5007	75	434	136	135	12	100			1968			16.2	64	345	75	10	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5008	82	276	94	91	10	64		2001	1977			12.9	40	214	47	6	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5009	24	129	30	11	3	90			1976	2000								
5010	62	172	95	50	19	60			1978			11.2	57	172	66	9	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5011	24	112	45	13	12	93			1973	2000								
5012	20	74	40	11	9	64			1978	1999		11.9	20	74	45	6	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5013	85	329	137	120	6	90		2001	1972	1999		11.3	47	251	55	6	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction. start of operation N/P = only chemical reduction of phosphorus.	
5014	66	184	78	29	8	92		2001	1982			2.7	46	184	53	7	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5015	33	255	60	33	10	51		1999	1974			11.7	33	190	41	6	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5016	22	92	38	29	13	35		2001	1977			10.6	22	92	30	5	Cost estimates are total of B/N/P-treatment; cost estimate represent only wwtp construction without sewerage construction	
5017	16	69	34	26	7	23			1968									
5018	72	206	53	40	11	22		2000	1967									
5019	13	54	19	2	5	54			1995	1995								
5020	40	98	62	12	9	36			1979									
5021	10	50	11	3	3	17			1996	1999								
5022	9	32	11	2	1	10			1996	2001								
5023	4	40	29	10	2	17			1995									
5024	7	23	10	4	3	12			1977									
5025	2	5	3	0	1	6			1998	1999								
5026																		wastewaters are pumped into WWTP Brno-Modrice since 1998
5027	1	5	1	0	1	7			1998	2000								
5028	12	40	19	11	2	20			1992									
5030	3	24	8	0	3	14			1997	1997								
5031	9	40	17	2	3	25			1995	1995								
5032	3	12	5	2	3	7			1996	1996								
5033	8	87	9	2	5	16			1995	1995								
5034	18	41	25	21	1	23			1967									
5035	27	134	56	42	2	35			1973									
5036	33	75	1	0	2	7			2000	2000								
5037	10	38	23	17	4	25			1969	1996								
5038	15	74	35	8	7	37			1994	1994								

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)	
			deg	min	sec	deg	min	sec				K	M	B	N	P			
5039	Czech Republic	Bzenec							110801400000000	Syrovinka	15		x	x				34	638
5040	Czech Republic	Moravska Trebova							110800401000000	Kuncinsky potok	15		x	x	x	x		25	1654
5041	Czech Republic	Litovel							110800000000000	Morava-nad Mlynskym potokem	20		x	x				25	1082
5042	Czech Republic	Miroslav							110801502010000	Miroslavka	3		x	x	x			22	234
5043	Czech Republic	Veseli nad Moravou							110800000000000	Morava	10		x	x				21	828
5044	Czech Republic	Uhersky Brod							110801300000000	Olsava	20		x	x	x			21	1395
5045	Czech Republic	Lipnik nad Becvou							110800400000000	Becva	15		x	x				19	1131
5046	Czech Republic	Bystrice nad Pernstejnem							110801503000000	Bystrice	12		x	x				17	815
5047	Czech Republic	Moravské Budejovice							110801503030200	Rokytna	8		x	x				16	711
5048	Czech Republic	Kojetin							110800000000000	Morava	6		x	x				15	837
5049	Czech Republic	Mohelnice							110800000000000	Mirovka	11		x	x				15	1544
5050	Czech Republic	Policka							110801503000000	Bily potok	28		x	x				14	1358
5051	Czech Republic	Ivancice							110801503030000	Jihlava	9		x	x	x			14	639
5052	Czech Republic	Nove Mesto na Morave							110801503000000	Bobruvka	22		x	x	x			14	1202
5053	Czech Republic	Tisnov							110801503000000	Svratka	10		x	x				12	840
5054	Czech Republic	Hulin							110801100000000	Rusava	8		x	x				12	748
5055	Czech Republic	Lednice							110801500000000	Dyje-nad Zameckou Dyji	6		x	x				11	237
5056	Czech Republic	Luhacovice							110801301000000	Luhacovicky brook	8		x	x	x			11	1570
5057	Czech Republic	Tetcice							110801503000000	Bobrava	6		x	x				10	748
10005	Slovak Republic	Skalica							110801000000000	Skalické rybníky	13		x	x				13	1108
10006	Slovak Republic	Skalica							110800900000000	Kopciansky kanál			x	x					
10007	Slovak Republic	Holic	48	48	9	17	8	48	110801100000000	Kistor	21		x	x				21	879
10008	Slovak Republic	Cov Myjava	48	44	55	17	31	30	110801200000000	Myjava	12		x	x				12	2181
10009	Slovak Republic	Senica	48	40	18	17	20	2	110801200000000	Teplica (Morava)	27		x	x				27	1756
10010	Slovak Republic	Devín.N.Ves	48	12	57	16	58	21	110801500000000	Mláka	20		x	x				20	2057
10102	Slovak Republic	Malacky	48	24	0	17	0	0	110801400000000	Malina (Morava)	20		x	x	x			20	2048

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
5039	9	29	10	4	2	34			1993								
5040	8	69	25	3	4	25			1996	1996							
5041	8	28	10	1	2	25			1994								
5042	2	8	2	0	1	22			1996	1996							
5043	7	25	20	10	2	21			1992								
5044	16	39	14	3	4	21			1994	1994							
5045	10	40	26	2	6	19			1979								
5046	9	65	19	18	5	17			1965								
5047	3	18	11	1	3	16			1994								
5048	18	56	16	11	2	15			1993								
5049	10	50	32	4	7	15			1983								
5050	14	46	14	1	4	28			1993								
5051	10	37	6	4	3	14			1994	1994							
5052	7	71	12	3	5	25			1995	1995							
5053	13	40	23	11	3	12			1969								
5054	6	32	16	3	3	12			1989								
5055	12	37	6	5	1	11			1995								
5056	6	47	31	2	6	11			1972	1996							
5057	10	37	19	14	3	10			1993								
10005	26.1	62.5		30.3	3	14					0.91	5.7	50.0	30.9	3.0		
10006																	
10007	25.9	63.1		30.5		21					0.68	4.4	50.5	23.7	2.6		
10008	74.3	179.6		24.3		12					0.68	10.9	143.7	32.7	4.4		
10009	27	66.9		37.5	6.7	30					0.68	9.3	53.5	28.0	3.7		
10010	8.2	58.6		3.8	8.6	20						8.2	46.9	30.9	4.1		
10102	69.4	135.5		5.6	6	22					1.82	10.6	108.4	31.8	4.2		

Emission Inventory 2000  
Industrial Discharges

# Morava Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a									
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl	
1502	Austria	Jungbunzlauer GmbH&CoKG	48	43	25	16	16	43	110801300000000	March (Morava)	1			3650	73	36.5		109.5	160	7.3			
5501	Czech Republic	JEDU - Dukovany							110801503030000	Skryjsky brook	11		17,459	621	25	1							1606
5502	Czech Republic	Kozeluzny(SPECO) Otrokovice							110800000000000	Morava	9	61000	3,601	138		49						1	
5503	Czech Republic	FOSFA-Breclav-Postorna							110801500000000	Dyje	2		215	12		0						1	



AV code																						Remarks														
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol		NES	DIS	CIH	act-Cl	AOX									
1502						7.3																														
5501	4171.1	82					3																													The Nuclear Power Station do not come under relevant category of industry sources
5502		45																																	The WWTP do not come under relevant category of industry sources	
5503		2																						681											The WWTP do not come under relevant category of industry sources	

Emission Inventory 2000  
Municipal Discharges

# Váh-Hron Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
5029	Czech Republic	Brumov-Bylnice							111001202000000	Brumovka	8	x	x	x	x	10	553	
10004	Slovak Republic	Stúrovo	47	48	0	18	43	51	100000000000000	Danube	17	x				0	1221	
10011	Slovak Republic	UCOV Vrakuna	48	4	0	17	11	0	111002000000000	Maly Dunaj	288	x	x			288	54820	
10012	Slovak Republic	Pezinok	48	15	51	17	15	57	111002001020100	Blatina	28	x	x			28	3661	
10013	Slovak Republic	Senec	48	12	9	17	25	39	111002001030000	Cierna Voda	12	x	x			12	999	
10014	Slovak Republic	Modra	48	18	59	17	19	6	111002001030100	Stolicny potok	10	x	x			10	1808	
10015	Slovak Republic	Dunaj. Streda	47	57	49	17	40	4	111002001000000	K.Gabcikovo-Topol	52	x	x			52	6545	
10016	Slovak Republic	Liptov. Hrádok	49	2	17	19	42	16	111000000000000	Váh	72	x	x			72	3763	
10017	Slovak Republic	Liptov. Mikulás	49	5	28	19	35	24	111000000000000	Váh	292	x	x			292	14252	
10018	Slovak Republic	Nizná	49	18	42	19	30	26	111000300000000	Orava	16	x	x			16	3511	
10019	Slovak Republic	Dolny Kubín	49	12	43	19	16	38	111000300000000	Orava	18	x	x			4	2183	
10020	Slovak Republic	Námestovo	49	22	29	19	33	29	111000300000000	Orava	9	x	x			9	1058	
10021	Slovak Republic	Turc. Teplice	48	53	28	18	51	4	111000400000000	Teplica (Vah)	6	x	x			6	1467	
10022	Slovak Republic	Martin-Vrútky	49	7	16	18	55	7	111000000000000	Váh	80	x	x			80	14012	
10023	Slovak Republic	Cadca	49	25	49	18	47	57	111000600000000	Kysuca	27	x	x	x		27	2571	
10024	Slovak Republic	Kysuc.N.Misto	49	17	10	18	46	39	111000600000000	Kysuca	15	x	x			15	1507	
10025	Slovak Republic	Rajec	49	5	56	18	38	45	111000700000000	Rajcianka	3	x	x			3	797	
10026	Slovak Republic	Zilina-Hricov	49	14	35	18	38	17	111000000000000	Váh	186	x	x	x		186	18822	
10027	Slovak Republic	Bytca	49	12	57	18	32	22	111000000000000	Váh	22	x	x			4	979	
10028	Slovak Republic	Povaz. Bystrica	49	8	2	18	25	15	111000000000000	Váh	42	x	x			42	4125	
10029	Slovak Republic	Púchov	49	5	51	18	18	49	111000000000000	Váh	38	x	x			37	3564	
10030	Slovak Republic	DubnicaN.Váh.	48	57	52	18	8	46	111001100000000	Nosicky kanál	26	x	x			26	2760	
10031	Slovak Republic	Trenc. Teplá	48	54	4	18	3	47	111001200000000	Teplicka	12	x	x			12	2842	
10032	Slovak Republic	Trencín lavá str.	48	52	52	18	0	37	111000000000000	Váh	46	x	x			46	6671	
10033	Slovak Republic	Nové M.n.Váhom	48	44	38	17	50	51	111001500000000	Biskupicky kanál	46	x	x			46	2591	
10034	Slovak Republic	Piestany	48	34	4	17	49	26	111001600000000	Dubová	54	x	x			54	7457	
10035	Slovak Republic	Stará Turá	48	45	26	17	42	50	111001501000000	Trstie	6	x	x			6	1372	
10036	Slovak Republic	Hlohovec	48	25	5	17	46	42	111000000000000	Váh	23	x	x			49	1885	
10037	Slovak Republic	Sered	48	15	55	17	46	21	111000000000000	Váh	22	x	x			22	3185	
10038	Slovak Republic	Sala	48	6	51	17	52	39	111001800000000	Kolárovsy k.	11	x	x			11	1568	
10039	Slovak Republic	Trnava	48	21	9	17	36	8	111002001010000	Trnávka	108	x	x			108	8630	
10040	Slovak Republic	Galanta	48	6	48	17	46	29	111002001020000	Salibsky Dudváh	14	x	x			14	2180	
10041	Slovak Republic	Komárno	47	45	58	18	8	40	111000000000000	Váh	23	x				0	4291	
10042	Slovak Republic	Prievidza	48	45	45	18	35	42	111001901000000	Handlovka	49	x	x			48	8051	
10043	Slovak Republic	Handlová	48	45	19	18	45	51	111001901000000	Handlovka	13	x	x			12	1789	
10044	Slovak Republic	Partizánske	48	37	6	18	20	40	111001900000000	Nitra	31	x	x			31	3353	
10045	Slovak Republic	Bánovce n. Bebravou	48	43	11	18	14	53	111001905000000	Bebrava	40	x	x			40	1841	
10046	Slovak Republic	Zlaté Moravce	48	21	51	18	22	54	111001911000000	Zitava	14	x	x			14	1463	
10047	Slovak Republic	Surany	48	4	44	18	11	39	111001912000000	Malá Nitra	8	x	x			8	1326	
10048	Slovak Republic	Nové Zámky	47	58	31	18	8	7	111001900000000	Nitra	61	x	x			54	5387	
10049	Slovak Republic	Filakovo	48	16	56	19	49	29	111300101000000	Belina	5	x	x			5	1243	
10050	Slovak Republic	Lucenec	48	19	24	19	41	16	111300100000000	Krivánsky potok	21	x	x			21	4199	
10051	Slovak Republic	Velky Krtis	48	10	39	19	21	25	111300200000000	Krtis	11	x	x			11	1570	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks	
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P		
5029	1	15	11	1	1	10			1996	1996								
10004	460.8	837.6		37.3		17					1.80		6.1	670.1	33.0	4.9		
10011	119.8	912		52.3	146	288							119.8	729.6	548.2	54.8		
10012	69.6	144.4		5.8	5.3	30						3.41	18.7	115.5	56.0	5.3		
10013	43	96.4		28.8	3.5	15						1.59	5.5	77.1	16.6	2.2		
10014	23.8	46.7		2.3	2.2	11						2.05	9.2	37.4	49.8	2.2		
10015	103.5	194.7		29.6	9.9	54						6.80	33.1	155.8	99.3	9.9		
10016	53.8	176.3		10.5	1.6	72						2.45	18.8	141.0	82.8	1.6		
10017	458.1	1034.4	470.5	283.1	8.6	292						7.95	71.3	827.5	242.3	8.6		
10018	13.1	113.8	61.8	20.2	6.2	16							13.1	91.0	61.8	6.2		
10019	18.9	75.7		13.7	6.4	20							11.3	60.6	60.9	6.4		
10020	7.1	38.2	28.2	13.7	2.5	9							7.1	30.6	28.2	2.5		
10021	4.1	23.8	25.3		3.6	8							4.1	19.0	25.3	3.6		
10022	83.3	340.6	201.6	108.1	30.4	80							70.1	272.5	201.6	30.4		
10023	53.8	181.9		39.9	7.8	27							12.9	145.5	56.6	7.7		
10024	37.8	132.8		30	5.4	20							8.4	106.2	45.6	5.4		
10025	8.1	19.7	13.4	6.9	1.4	5							8.1	15.8	13.4	1.4		
10026	83.8	568.4	208.9	9.4	11.3	186							83.8	454.7	208.9	11.3		
10027	7.6	27.3	9.6	0.8	3.1	22							4.9	21.8	9.6	3.1		
10028	29.8	148.9	70.7	28.5	9.2	42							20.6	119.1	70.7	9.2		
10029	32.7	91.6		10.7	8.7	38							17.8	73.3	78.4	8.7		
10030	16.8	87.2		26.4	6.8	26							13.8	69.8	60.7	6.8		
10031	45.6	259.3		43.7	5.6	15						1.82	14.8	207.4	79.7	5.6		
10032	111.2	569.9		35.1	14.3	50						3.41	34.1	455.9	150.0	14.3		
10033	64.9	361.1		42.8	5.8	50						4.09	13.7	288.9	60.2	5.8		
10034	96.6	188.5		44.2	16	54							37.3	150.8	164.1	16.0		
10035	23.7	127.9	30.3	23.1	2.6	8						1.59	23.7	102.3	30.3	2.6		
10036	7.4	61.7			11.1	49												WWTP is in trial period
10037	53.5	121.7		19.1	5.2	22						1.82	15.9	97.4	86.0	5.2		
10038	24.7	61.3		11.2	5.7	20						1.89	9.5	49.0	51.2	5.7		
10039	197.1	437.6		17.9	38.3	108							43.2	350.1	146.7	17.3		
10040	129	285.6		51.8	10.7	14						3.64	10.9	228.5	58.9	10.7		
10041	300.8	715		101.9	17.2	30					7.70		22.7	572.0	100.0	13.6		
10042	96	398.7		127.3	11.9	51						1.20	40.6	319.0	121.9	11.9		
10043	16.2	96.8		29.6	4.1	17						2.14	9.7	77.4	29.0	3.9		
10044	37.7	68.4	11.1		9.1	31							16.8	54.7	11.1	6.7		
10045	39.5	74.6	45.1	31.1	7.3	40							9.2	59.7	27.6	3.7		
10046	32.7	86.5		25.8	4.2	15						1.14	7.5	69.2	22.5	3.0		
10047	17.7	31.9		3.2		10							7.0	25.5	21.0	2.8		
10048	131.6	255		15.6	13.4	61						1.14	26.9	204.0	80.8	10.8		
10049	54.9	175		19.2	1.5	11						1.59	7.3	140.0	21.9	1.5		
10050	45.1	259.7		57	4.6	30						4.57	22.6	207.8	67.9	4.6		
10051	30.5	107.9		18.4		15						1.48	8.6	86.3	25.7	3.4		

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
10052	Slovak Republic	Brezno	48	48	43	19	36	1	1112000000000000	Hron	16		x	x			16	2914
10053	Slovak Republic	Zvolen	48	33	37	19	6	21	1112000000000000	Hron	52		x	x			52	7813
10054	Slovak Republic	Detva	48	32	31	19	23	30	1112012000000000	Slatina	9		x	x			9	1652
10055	Slovak Republic	Ziarn. Hronom	48	34	25	18	49	32	1112000000000000	Hron	23		x	x			23	2487
10056	Slovak Republic	Levice	48	10	40	18	36	2	1112017000000000	Podluzianka	75		x	x			75	11409
10101	Slovak Republic	Nitra	48	16	25	18	6	29	1110019000000000	Nitra	144		x	x	x		51	11675
10103	Slovak Republic	Banska Bystrica	48	40	24	19	8	43	1112000000000000	Hron	186		x	x	x		137	18780
10106	Slovak Republic	Trencin, right side	48	53	8	18	0	20	1110000000000000	Vah	2	x					0	1408
10108	Slovak Republic	Ruzomberok	49	6	0	19	14	48	1110000000000000	Vah	287		x	x	x		287	30155
10109	Slovak Republic	Topolcany	48	32	2	18	10	52	1110019000000000	Nitra	89		x	x	x		89	3351

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
10052	13.3	56.4		4.8	6.3	22					2.27	13.3	45.1	84.6	6.3		
10053	84.2	348	190.5	103.2	17.2	58					2.27	40.2	278.4	120.5	16.1		
10054	10.3	52	22.5	18.2	4.6	11						8.6	41.6	22.5	4.6		
10055	12	36.9	8.9	1.2	5	23						12.4	29.5	8.9	5.0		
10056	151.4	380.9		32.3	21.7	75					1.36	57.0	304.7	171.1	22.8		
10101	1801.2	2978.2		137.7	32.7	150					11.36	59.5	2,382.6	118.9	11.9		
10103	1361.9	2836.1	139.1	127.6	15.9	186					6.23	93.9	2,268.9	139.1	15.9		
10106	46.7	215.1		13	2.7	40				5.50		14.0	172.1	61.5	2.7		
10108	254.8	3900.7		62.7	10.4	287					5.68	150.8	3,120.6	512.6	10.4		
10109	175	333.9	146.1	80.9	14.5	89					1.14	16.8	267.1	50.3	6.7		

Emission Inventory 2000  
Industrial Discharges

# Váh-Hron Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a								
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	CI
10502	Slovak Republic	Assi Doman Sturovo	47	46	36	18	41	58	1000000000000000	Danube	3	216.5	12823	7489	2963	1.4			498	84.6		
10504	Slovak Republic	Novaky Chem. Plants	48	42	34	18	31	34	1110019000000000	Nitra	2	44.3	4853	1391	282							
10506	Slovak Republic	Bukoceľ Vranov	48	51	22	21	44	49	1121013040000000	Ondava (Tisa)	11	88.5	11506	2667	261							3452
10507	Slovak Republic	Chemko Strázské	48	49	14	21	45	28	1121013040000000	Ondava (Tisa)	2	560	2996	375	93	12	7	21		9.7		358
10508	Slovak Republic	Slovenský hodváb Senica	48	40	38	17	20	38	1108012000000000	Teplica (Morava)	8	4.4	877	177	73				7.1	0.69		
10509	Slovak Republic	Bucina Zvolen	48	33	51	19	6	32	1112000000000000	Hron and its tr	11		2122	172	62							
10510	Slovak Republic	Biotika Slovenska Lupca	48	44	39	19	14	47	1112000000000000	Hron	2		1104	582	116	191						377
10511	Slovak Republic	Tanning Factory Bosany	48	34	36	18	14	8	1110019000000000	Nitra	9											
10512	Slovak Republic	Povaz. Chem. Plants	49	13	36	18	45	21	1110000000000000	Váh	2	132	619	99.5	24.5	58						



AV code																					Remarks							
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde		Methanol	NES	DIS	ClH	act-Cl	AOX	
10502		2411																	39.8				28.2	6180				Mechanical Biological Treatment,
10504		503																				7.3	16381				Mechanical Biological treatment	
10506	2091	414																				16.3	10459				Mechanical Biological treatment	
10507	1492	231														0.03			3.9		90	3	1.3	3443			Mechanical Biological treatment, chemical treatment, total formaldehyd	
10508	4555	31								2.9								11.8				0.27	6051			Mechanical-Biological treatment; chemical treatment, discharged disolvedv substances 7097 t/ year		
10509		124																				4.1					3 discharges, total discharged dissolved substances 491t/year	
10510		54																				0.8	1038			Mechanical Biological Treatment, discharged dissolved substances 2095 t/year		
10511																											Installation is not in operation	
10512		15.5																				0.25	264				Mechanical Biological treatment, chemical treatment	

Emission Inventory 2000  
Municipal Discharges

# Pannonian Central Danube Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
1001	Austria	Eisenstadt-Stadt	47	49	55	16	32	39	110900401000000	Raab (T)	36		x	x	x	x	50	3114
1002	Austria	Wulkaprodersdorf	47	48	1	16	31	6	110900401000000	Raab (T)	50		x	x	x	x	100	6658
1003	Austria	Neusiedl a.See							110900401000000	Raab (T)								
1004	Austria	Deutschkreuz	47	35	42	16	38	30	110900402000000	Raab (T)	13		x	x	x	x	65	1075
1005	Austria	Siget	47	15	14	16	16	44	110900200000000	Raab (T)	29		x	x	x	x	40	2446
1016	Austria	Baden	47	59	43	16	15	59	110500000000000	Danube (T)	32		x	x		x	45	4030
1017	Austria	Trumau-Schönau	48	0	18	16	21	16	110500000000000	Danube (T)	30		x	x	x	x	40	2062
1018	Austria	Bad Vöslau	47	58	10	16	14	41	110500000000000	Danube (T)	73		x	x	x	x	95	6929
1019	Austria	Bruck/Leitha-Neusiedl/See	48	1	53	16	49	58	110900600000000	Leitha	58		x	x	x	x	116	5883
1020	Austria	Groß-Enzersdorf	48	10	45	16	32	57	100000000000000	Danube	54		x	x	x	x	144	1833
1024	Austria	Mödling	48	5	47	16	19	50	110500000000000	Danube (T)	78		x	x	x	x	100	8379
1025	Austria	Oberes Schwarztal	47	40	33	15	57	41	110900601000000	Leitha (T)	26		x	x		x	40	4400
1030	Austria	Schwechat	48	8	6	16	32	35	110500000000000	Danube (T)	107		x	x	x	x	270	7680
1031	Austria	Klosterneuburg	48	17	41	16	20	30	100000000000000	Danube	27		x	x			48	1800
1032	Austria	Oberes Piestingtal	47	53	30	15	59	5	110600100000000	Danube (T)	68		x	x	x	x	73	4556
1033	Austria	Wr.Neustadt Süd	47	50	5	16	16	41	110900600000000	Leitha	82		x	x		x	230	11947
1034	Austria	Feldbach	46	57	12	15	55	38	110900000000000	Raab	19		x	x	x	x	45	1273
1070	Austria	Wien-Blumental	48	8	40	16	22	9	110500100000000	Danube (T)	275		x	x	x	x	300	21516
1071	Austria	Wien-Simmering	48	10	24	16	28	4	100000000000000	Danube	3210		x	x		x	3250	202395
1072	Austria	KA Piestingtaler AV	47	54	23	16	15	52	110600100000000	Piesting	42		x	x	x	x	60	2616
1078	Austria	AWV Bezirk Jennersdorf neu	46	58	1	16	15	24	110900500000000	Lafnitz	53		x	x	x	x	130	3528
1079	Austria	RHV Neusiedlersee-Westufer	47	51	32	16	39	0	110900401000000	Wulka	43		x	x	x	x	61	2300
4007	Croatia	Vukovar							100000000000000	Danube	~ 100	x						1753
7001	Hungary	Budapest south	47	29	7	19	6	13	100000000000000	Danube	282		x	x	x	x	293	21237
7002	Hungary	Budapest north	47	29	7	19	6	13	100000000000000	Danube	566		x	x			508	43095
7003	Hungary	Budapest	47	29	7	19	6	13	100000000000000	Danube	2371	x					0	110000
7006	Hungary	Gyor	47	43	37	17	41	23	100000000000000	Danube	212		x	x			150	14228
7009	Hungary	Zalaegerszeg	46	51	12	16	51	30	111600100000000	Zala	135		x	x	x	x	223	4470
7011	Hungary	Szombathely	47	13	22	16	38	14	110900301000000	Sorok-Perint, Ráb	128		x	x	x	x	262	9700
7015	Hungary	Székesfehérvár	47	12	9	18	23	43	100000000000000	Danube	141		x	x			277	8140
7016	Hungary	Tatabánya	47	35	44	18	22	56	111100000000000	Altal Creek	72		x	x	x	x	110	4741
7019	Hungary	Dunaújváros	46	57	46	18	55	55	100000000000000	Danube	56		x				60	2763
7020	Hungary	Vác	47	46	59	19	7	58	100000000000000	Danube	29		x	x			66	3600
7029	Hungary	Sopron	47	38	45	16	37	18	110900402000000	Ikva Creek	52		x	x			50	5628
7030	Hungary	Kaposvár	46	21	26	17	49	16	111600400000000	Kapos Creek	145		x	x			9	3700
7038	Hungary	Szekszárd	46	20	52	18	42	43	111600000000000	Sió	69		x	x			45	2340
7040	Hungary	Veszprém	47	5	42	17	53	49	111600501000000	Veszprémi Séd.	172		x	x			139	5910
10002	Slovak Republic	Bratislava Petržalk	48	6	1	17	8	33	100000000000000	Danube	239		x	x			239	14384
10003	Slovak Republic	Samorín	48	1	30	17	17	19	100000000000000	Danube	9		x	x			9	836

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1001	11	55	25		1	50											
1002	34	147	28		3	100											
1003																	out of operation
1004	3	14	2		0	65											
1005	10	49	17		1	40											
1016	16	89	60		4	45						16	89	60	4		
1017	18	64	15		2	40											
1018	44	201	30		3	95											
1019	15	111	37		2	116											
1020	15	55	20		1	144											
1024	27	134	32		4	100											
1025	13	75	31		2	40						13	75	31	2		
1030	45	280	106		6	270											
1031	19	78	36		9	47.5						19	78	36	9		
1032	35	310	1		2	73.4											
1033	57	315	100		9	230						57	315	100	9		
1054	10	47	17		2	45											
1070	290	600	228		11	300						0	0	0	0	2005 out of operation	
1071	7542	21399	6122		181	4000		2005	2005		215	3200	16000	3800	190		
1072	51	150	43		5	60											
1078	23	119	33		2	130											
1079	5	31	5		1	61											
4007	239	695	54		30	100					84.1	66	438	263	44		
7001	646	998	450	32	20	440											co-ordinates of settlement
7002		2500	1327	1300	180	726	Mar 2000	Dec 2004	2002	2006	19.5	320	1860	540	80		co-ordinates of settlement
7003	35964	p 59940	p5203	p 4607	p 953												co-ordinates of settlement; development to 2008
7006		6243	411	408	82	375			2003	2003		21	548	1643	110	220	cost of total investment
7009	19	169	41	11	4	250											no development planned
7011	48	286	86	22	33	262	Mar 2001		2005		9						investment under planning; extension of mechanical treatment and sludge treatment
7015	65	285	1	1	p 16	277			2001								co-ordinates of settlement
7016		182	107	59	4	110											no development planned
7019	663	1304	47	47	p 6	60			2001	2001				3.1	6.2		co-ordinates of settlement
7020		417	171	132	25	120											co-ordinates of settlement; no development planned
7029		400	98	18	28	75	Dec 2002	Dec 2002	2004	2004	12.7	12.7					start of project is function of support;
7030	96	211	42	11	13	9											no development planned
7038	42	173	5	5	p 5	70	Oct 2001	Oct 2001	2003	2003	2.7	1.4	23	70	5	1	co-ordinates of settlement
7040	41	177	4	4	7	139	Sep 2003	Sep 2003	2005	2005	4.5	4.5					co-ordinates of settlement; investment under planning
10002	46	279.4		13.1	59.3	240							46.0	223.5	245.1	28.8	
10003	86.8	162.1		28.6	2.3	12						4.93	4.7	129.7	25.5	2.3	

Emission Inventory 2000  
Industrial Discharges

# Pannonian Central Danube Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a											
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl			
1511	Austria	Boxmark-Jennersdorf	46	56	2	16	34	40	110900401000000	Raab (T)	9	73	445	225	60						41		1		
7501	Hungary	Dunapack (Dunaújváros)	46	57	1	18	56	30	100000000000000	Danube	3		9125	3641	502	3					3				
7502	Hungary	Wood Ind. (Mohács)	46	1	20	18	40	57	100000000000000	Danube	11		970	4092											
7503	Hungary	Dunaferr	46	57	1	18	56	30	100000000000000	Danube	6		34520	1563	173	314									
7504	Hungary	MOL Rt. (Százhalombatta)	47	18	29	18	55	21	100000000000000	Danube	11		16968	1967		27			8						
7505	Hungary	Nitrokémia (Balatonfuzfo)	47	3	28	18	3	8	111600000000000	Séd/Danube	4		5869	992		238				238					
7509	Hungary	Paper Fact. (Lábatlan)	47	45	16	18	28	22	100000000000000	Danube	3		3719	566		0.369		1034					1.2		
7513	Hungary	Richter G. Ch. W. (Dorog)	47	43	43	18	43	32	100000000000000	Danube	2		790	309		18		4					6		
7516	Hungary	Agroindustry Ltd (Környe)	47	32	47	18	19	8	100000000000000	Danube	1		4	1		0.04		0.03					0.06		
7519	Hungary	Leather Factory (Simontornya)	46	45	11	18	0	0	100000000000000	Danube	9		131	12	3	1				1					
7520	Hungary	Yeast and Alc. Fact. (Gyor)	47	41	47	17	38	46	100000000000000	Danube	1		4497	121		0.2		7					1		
7521	Hungary	Viscosa Rt. (Nyergesújfalu)	47	45	49	18	34	16	100000000000000	Danube	2		2786	110		2		11					1.3		
7522	Hungary	Nitrogen Works (Pétfürdő)	47	9	29	18	7	14	111600000000000	Séd/Danube	4		8326	366		18		0.01	18						
7523	Hungary	Yeast and Alcohol Fact. (Budapest)	47	29	7	19	6	13	100000000000000	Danube	1		448	50		0.044		4.53					0.18		
7528	Hungary	Hungasekt Plc. (Izsák)	46	48	2	19	21	27	100000000000000	Danube	1		60			0.21		0.03					0.35	0.8	
7531	Hungary	Csepel Works	47	25	39	19	3	14	100000000000000	Danube	6		5676	451		1.47		26					1.3		
7532	Hungary	Lencsehegy Cool Mine Ltd. (Kesz	47	42	48	18	47	30	100000000000000	Danube	5		7422	223		0.23		0.54					0.89		
7536	Hungary	Hungrana (Szabadegyháza)	47	4	42	18	41	11	100000000000000	Danube	1		803	95	16	3				3					
7539	Hungary	Bakony Power Plant Plc. (Várpal	47	11	52	18	8	25	100000000000000	Danube	11		388	128		8.22				08-Jan					
7540	Hungary	Albadomu (Dunaújváros)	46	57	1	18	56	30	100000000000000	Danube	1		255	9	6	0.13				0.13					
7541	Hungary	MOL Rt. (Komárom)	47	44	18	18	12	7	100000000000000	Danube	11		971	57		0.18		4					0.6		
10501	Slovak Republic	Istrochem Bratislava	48	6	52	17	8	36	100000000000000	Danube	2	44.3	16272	1977	954	32.5									3873
10503	Slovak Republic	Slovnaft, bl. 17-18, Bratisl.	48	8	0	17	10	42	100000000000000	Small Danube (V	2	21.7	79003	878	277										

AV code																						Remarks							
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol		NES	DIS	CIH	act-Cl	AOX		
1511																													
7501																			3										co-ordinates of settlement
7502		545																											Wood ind.
7503		2036																											co-ordinates of settlement
7504																			9										Oil refinery, co-ordinates of settlement
7505		16398		0.4	0.2	0.5			0.4	0.6								10											co-ordinates of settlement
7509		1317																0.876											
7513																		0.368											
7516																		0.016											co-ordinates of settlement
7519				0														0.041											
7520																		5.694											co-ordinates of settlement
7521																		0.331											
7522																													co-ordinates of settlement
7523		215																											co-ordinates of settlement
7528	0.13																												co-ordinates of settlement
7531		1737	0.16				4.8																						co-ordinates of settlement
7532		3763																0.74											co-ordinates of settlement
7536																													co-ordinates of settlement
7539		250																0.659											t-N: 8,22 t/a, (format problem!)
7540																		0.005											co-ordinates of settlement
7541																		0.201											Oil refinery.
10501	683	98																				1.1	7200						Mechanical Biological Treatment, chemical treatment, removal of oil products (GOLA),discharge diss. Subst. 8981 t/ year
10503		1029	0.19														2.2						59	16629					Removal of oil products (GOLA) (refinery), discharged dissolved substances 25735 t/ year,

Emission Inventory 2000  
Municipal Discharges

# Drava-Mura Sub-river Basin



AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
1006	Austria	Klagenfurt	46	36	20	14	20	9	111901003000000	Drau (T)	190		x	x		x	300	15068
1007	Austria	Feldkirchen	46	42	46	14	4	55	111901003000000	Drau (T)	30		x	x		x	50	1999
1008	Austria	Mittleres Lavantal	46	44	11	14	50	56	111901300000000	Drau (T)	95		x	x	x	x	120	12453
1009	Austria	Spittal a.d.Drau	46	46	47	13	31	11	111900000000000	Drau	75		x	x		x	110	5805
1010	Austria	St.Veit a.d.Glan	46	44	25	14	23	9	111901003000000	Drau (T)	45		x	x			50	2841
1011	Austria	Villach	46	36	47	13	52	44	111900000000000	Drau	110		x	x	x	x	200	12530
1012	Austria	Völkermarkt	46	38	27	14	39	17	111900000000000	Drau	18		x	x	x	x	46	1022
1013	Austria	Hermagor	46	36	48	13	29	3	111900800000000	Drau (T)	7		x	x	x	x	25	951
1014	Austria	Wörthersee-West/Velden	46	33	54	14	0	18	111900000000000	Drau	12		x	x	x	x	44	687
1053	Austria	Graz	46	59	48	15	28	19	111901600000000	Mur	314		x	x			400	27050
1055	Austria	Knittelfeld	47	13	19	14	50	40	111901600000000	Mur	46		x	x		x	50	2019
1056	Austria	Wagna-Leibnitz	46	45	53	15	34	14	111901600000000	Mur	22		x	x			40	2077
1057	Austria	Wildon	46	52	47	15	31	54	111901600000000	Mur	55		x	x		x	80	3206
1058	Austria	Leoben	47	23	16	15	6	27	111901600000000	Mur	63		x	x		x	100	4410
1073	Austria	Kapfenberg/Mürz-IV	47	25	45	15	16	20	111901601000000	Mürz	39		x	x	x	x	49	2754
4001	Croatia	Cakovec							111900000000000	Drava	85		x	x			85	6090
4002	Croatia	Varazdin							111900000000000	Drava	200		x	x			200	9766
4003	Croatia	Koprivnica							111900000000000	Drava	100		x				100	4462
4004	Croatia	Virovitica							111900000000000	Drava	265		x	x			265	1352
4005	Croatia	Belisce							111900000000000	Drava	220		x	x			220	970
4006	Croatia	Osijek							111900000000000	Drava	800	x						7633
7008	Hungary	Pécs	46	3	14	18	9	13	111900000000000	Dráva	111		x	x		x	340	8125
7010	Hungary	Nagykanizsa	46	26	0	16	58	58	111901601000000	Dencsar canal	64		x	x	x	x	281	6550
11002	Slovenia	Maribor							111900000000000	Drava	170	x					0	12000
11007	Slovenia	Ptuj							111900000000000	Drava	116		x	x			105	4562
11013	Slovenia	Murska Sobota							111901600000000	Mura	14		x				30	1450
11016	Slovenia	Ljutomer							111901600000000	Mura	12	x					0	
11017	Slovenia	Lendava							111901600000000	Mura	17	x					0	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1006	72	359	237		14	300						72	359	237	14		
1007	9	63	36		2	50						9	63	36	2		
1008	55	329	42		7	120											
1009	63	182	125		5	110					10	40	182	125	5		
1010	23	106	57		6	65		2003	2003		7	23	106	40	6		
1011	100	338	80		29	200					0.1	79	338	77	15	upgrading (P)	
1012	7	39	3		0	46											
1013	5	22	4		0.95	25											
1014	4	25	2		0.38	44											
1053	298	1407	893		114	500		2002	2002		37	298	1407	500	40		
1055	18	87	50		3	60						18	87	50	3		
1056	17	98	58		5	40						17	98	58	5		
1057	51	176	67		3	80						51	176	67	3		
1058	75	251	163		6	90		2003	2003		17	75	251	50	6		
1073	19	96	34		3	49											
4001	82	166	49		3	85					7.5	56	372	223	37	project planned for construction of two sewerage collectors and tertiary treatment of WWTP	
4002	1165	3047			25	200						152	1015	526	88	12.0 mil EUR for reconstruction of the blower station and the sludge treatment	
4003	855	1228	129		5	100						76	507	263	44	10.8 mil EUR for extension of WWTP (secondary and tertiary treatment for 90 000 PE)	
4004	67	143	46		6	265						202	1347	696	116	more than 60% waste water from the sugar refinery	
4005	5	81			2	220						168	1117	578	96		
4006	1806	4933	276		74	800						526	3504	2102	350		
7008	122	410	152	52	31	340										no development planned	
7010	20	213	162	0.5	p 13	281		Dec 2003	2003		0.9					investment under planning	
11002	3732	8292	564		180	200	2000	2005	2004	2007	88.01	300	1500	120	12		
11007	356	730		264		105						215	1668	367	61	no plans for reconstruction available	
11013	38	61		24	2	41	1999	1999	2001		29.34	15	131	30	5		
11016	162	406	46		7	15						8	53	32	5		
11017	74	402	116		15	22						11	74	45	7		

Emission Inventory 2000  
Industrial Discharges

# Drava-Mura Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a									
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl	
1501	Austria	ÖCW Weißenstein/DEGUSSA							111900000000000	Drau	2			0	0								0
1507	Austria	Leykam Gratkorn	47	7	29	15	20	36	111901600000000	Mur	3	424	17989	11728	413.74						12.59		15.83
1508	Austria	Norske-Skog Bruck/Mur	47	24	40	15	15	18	111901600000000	Mur	3			855									
1509	Austria	Zellstoff Pöls (pulp)	47	13	4	14	35	46	111901600010000	Mur (T)	3	169	16739	4235	133.92					48.54		16.74	
4501	Croatia	"Podravka-Danica, Koprivnica							111900000000000	Drava	1		727	684	594					42		1.43	
4502	Croatia	Farm "Senkovac" Slatina							111900000000000	Drava	1		1.2	22.023	1.84					0.018		0.035	
4503	Croatia	Complex "Belisce", Belisce							111900000000000	Drava	3		1445.21	4774.53	2236.8					24.96			
4504	Croatia	Sugar factory Osijek							111900000000000	Drava	1		831	879.56	451.45					4.076		1.807	
4505	Croatia	Brewery Osijek							111900000000000	Drava	1		359	748.01	384.05					6.56		4.48	
4523	Croatia	IPK Osijek - vegetable oil factor							111900000000000	Drava	1		26.45	12.48	6.47								
7514	Hungary	Leather Factory (Pécs)	46	3	43	18	13	50	111900000000000	Dráva	9	45	391	116	29	37			1	45		2	
11501	Slovenia	Paloma/Sladki vrh							111901600000000	Mura	3	28	2030	2758	605	2						4	
11502	Slovenia	KG Rakican							111901600000000	Mura	10	11	14	611	242								
11503	Slovenia	Pomurka/Murska Sobota							111901600000000	Mura	1	2	250	83	44	1.6						1.6	0.03
11504	Slovenia	Mariborska mlekarna/Maribor							111900000000000	Drava	1	11	126	349	242	0.76						2.4	

AV code																					Remarks								
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde		Methanol	NES	DIS	CIH	act-Cl	AOX		
1501	0																											0	connected
1507																													
1508																													
1509																													
4501																													
4502																													no/minor waste water discharging into the surface waters - stabilisation in lagunas and later use on agricultural land
4503																													
4504																													
4505																													
4523																													
7514				0.1												3													co-ordinates of settlement
11501		3110																	0.5									1.7	paper industry
11502		299				0.2				0.5																			pig farm
11503		32																											slaughter house
11504		33																											dairy

Emission Inventory 2000  
Municipal Discharges

# Sava Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
2001	Bosnia-Herzegovina	Sarajevo	43	48		18	25		112201500000000	Bosna/Sava	524	x						37843
2002	Bosnia-Herzegovina	Zenica	44	13		17	54		112201500000000	Bosna/Sava	146	x						13285
2003	Bosnia-Herzegovina	Doboj	44	45		18	5		112201500000000	Bosna/Sava	103	x						9357
2004	Bosnia-Herzegovina	Tuzla	44	32		18	41		112201508010000	Jala/Spreca/	132	x						12032
2005	Bosnia-Herzegovina	Prijedor	44	57		16	42		112201002000000	Sana/Una/Sava	113	x						10263
2006	Bosnia-Herzegovina	Banja Luka	44	45		17	12		112201200000000	Vrbas/Sava	195	x						17808
4008	Croatia	Zagreb							112200000000000	Sava	1074	x						155373
4009	Croatia	Sisak							112200000000000	Sava	53	x						3500
4010	Croatia	Karlovac							112200700000000	Kupa	75	x						5000
4011	Croatia	Slavonski Brod							112200000000000	Sava	60	x						4000
4012	Croatia	Bjelovar							112200801010000	Cesma	75		x	x			100	3700
11001	Slovenia	Ljubljana							112200000000000	Sava	386		x				360	40700
11003	Slovenia	Domžale							112200000000000	Sava	104		x	x			200	6821
11004	Slovenia	Vrhnik							112200000000000	Sava	2.4		x				2	350
11005	Slovenia	Celje							112200000000000	Sava	125	x					0	5900
11008	Slovenia	Kranj							112200000000000	Sava	86		x	x			100	6834
11009	Slovenia	Škofja Loka							112200000000000	Sava	30		x	x			85	2028
11010	Slovenia	Šoštanj (ex. Velenje)							112200000000000	Sava	36		x				50	5698
11011	Slovenia	Žalec							112200000000000	Sava	27		x	x			19	1791
11012	Slovenia	Novo mesto							112200000000000	Sava	38		x	x			45	1421
11015	Slovenia	Jesenice							112200000000000	Sava	34		x	x			30	2462
11018	Slovenia	Rogaška Slatina							112200000000000	Sava	9	x					0	80
11019	Slovenia	Vojna vas-Crnomelj							112200000000000	Sava	9		x	x			4.5	315
11022	Slovenia	Brežice							112200000000000	Sava	6	x	x				1.5	465
11023	Slovenia	Metlika							112200000000000	Sava	9		x				9	900
11024	Slovenia	Krško							112200000000000	Sava	9	x					0	
11025	Slovenia	Sevnica							112200000000000	Sava	8	x					0	
11027	Slovenia	Trbovlje							112200000000000	Sava	20	x					0	
11028	Slovenia	Postojna							112200000000000	Sava	7		x	x			15	1260
11029	Slovenia	Ivancna Gorica							112200000000000	Sava	4		x	x			15	416
11030	Slovenia	Grosuplje							112200000000000	Sava	6		x	x			10	2460

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
2001	7644	13321	621		176	600											Destroyed during the war
2002	3187	5793	531		159												
2003	2245	4078	374		112												
2004	2888	5246	481		144												
2005	2463	4485	412		123												
2006	4274	7764	712		214												
4008	23517	55753	4000		1000	1500					178.33		23783	59459	4757	793	big industrial discharges into the Zagreb sewerage system (pollution load has been included in Zagreb municipal discharge); List of industrial plants see ANNEX 2.
4009	1155	1800	100		20	0							1314	3285	263	44	9,1 mil EUR for mechanical treatment + some sewerage
4010	1650	3800	150		50	0							1752	4380	350	58	17,2 mil EUR for mechanical treatment + some sewerage
4011	1320	3300	186		20	0					82.14		1314	3285	263	44	
4012	354	700	90		13	230							65	431	223	37	
11001	9198	17501	1347		199	360	2000		2003		172.11		1000	2400	220	20	
11003	82	430	166		19	200		2003		2005		48.9	134	426	67	10	
11004	54	124		30	1	2	2001	2001	2003	2003	7.82	3.91	2	4	4	2	
11005	1500	2100	548		183	140	2001	2001	2005	2005		91.92	177	944	329	55	
11008	90	501	167		11	100							58	511	116	19	no plans for reconstruction available
11009	14	110	56		6	85							34	296	67	11	no plans for reconstruction available
11010	325	678	126		15	50	2000	2000	2002	2002		39.7	146	657	110	7	
11011	27	59	13		2	60							34	296	67	11	no plans for reconstruction available
11012	53	152	55		11	45		2005				23.47	36	318	2	0	
11015	33	132	53		4	30							49	402	90	15	no plans for reconstruction available
11018	1	5	53		18	12							6	39	24	4	G NH3: 0,048,
11019	4	11		0.3	1.1	10							9	80	18	3	G NO3-N: 0,26,
11022	112	158		0.8	1.7	10							6	39	24	4	
11023	151	307		10	4	9							1	11	3	0	G NO3-N: 6.93,
11024	394	986	39		13	15							6	39	24	4	
11025	36	90	4		1	12							5	35	21	4	
11027	350	876	35		12	30							13	88	53	9	
11028	28	66	12		2	15											
11029	8	52	23		2	15											
11030	27	140	31		2	10											



Emission Inventory 2000  
Industrial Discharges

# Sava Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a									
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl	
2501	Bosnia-Herzegovina	KTK-Tannery-Sarajevo	43	48		18	25		112201500000000	Bosna/Sava	9			782									
2502	Bosnia-Herzegovina	Iron work-Zenica	44	13		17	54		112201500000000	Bosna/Sava	6			509.2									
2503	Bosnia-Herzegovina	Main Raspotocje-Zenica	44	13		17	54		112201500000000	Bosna/Sava	5												
2504	Bosnia-Herzegovina	Main Stranjani-Zenica	44	13		17	54		112201500000000	Bosna/Sava	5			335.8									
2505	Bosnia-Herzegovina	(Coal separation-Zenica)	44	13		17	54		112201500000000	Bosna/Sava	5												
2506	Bosnia-Herzegovina	Steam power plant-Tuzla	44	32		18	41		112201508010100	Jala/Spreca/Bos	11				387								
2507	Bosnia-Herzegovina	Pulp and paper industry-Maglaj	44	34		18	6		112201500000000	Bosna/Sava	3			513.3	246.3								
2508	Bosnia-Herzegovina	Brewery -Sarajevo	43	48		18	25		112201500000000	Bosna/Sava	1		1135296		931								189
2509	Bosnia-Herzegovina	Soda factory Lukavac	44	33		18	34		112201508010100	Spreca/Bosna	2		7568640		652								5404
4506	Croatia	"Pliva" Savski Marof							112200000000000	Sava	2					29.06							
4507	Croatia	Farm Dubravica", Dubravica							112200000000000	Sava	10												
4508	Croatia	"Petrokemija Kutina", Kutina							112200000000000	Sava	4		3409	186	60						190		
4509	Croatia	Sugar factory "Zupanja", Zupanja							112200000000000	Sava	1		385	988	802								
4510	Croatia	Brewery Karlovac							112200700000000	Kupa	1		504	705	259								
4511	Croatia	Pik Vrbovec,Vrbovec							112200000000000	Sava	1		252	81	41								
4512	Croatia	Steel industry Sisak,Sisak							112200000000000	Sava	6		243	7.8	3.5								
4513	Croatia	"Pliva" Zagreb (*)							112200000000000	Sava	2		2258	2009.5	421.71	47					59.9		
4514	Croatia	"Polimeri" Zagreb (*) DIOKI							112200000000000	Sava	2		3546	355	11.5								
4515	Croatia	Zagreb brewery, Zagreb (*)							112200000000000	Sava	1		923	1328	1026	0.8							
4516	Croatia	"Kras" Zagreb (*)							112200000000000	Sava	1		445	1101	121								
4517	Croatia	Farm "Sjeme" Sesevete (*)							112200000000000	Sava	10												
4518	Croatia	"Badel 1862", Zagreb (*)							112200000000000	Sava	1		110	187	18.8								
4519	Croatia	"Zvijezda" Zagreb (*)							112200000000000	Sava	1		543	121	31.2								
4520	Croatia	"Ledo" Zagreb (*)							112200000000000	Sava	1		149	94.1	33.6								
4521	Croatia	"Dukat" Zagreb (*)							112200000000000	Sava	1		683	339	214								
4522	Croatia	"Zagrepcanka" Zagreb (*)							112200000000000	Sava	1												
4524	Croatia	Gavrilovic - meet industry from P							112200700000000	Kupa	1		443	136	73.4								
4525	Croatia	INA - Zagreb, Oil refinery in Sisak							112200000000000	Sava	2		1550	72	39								
11505	Slovenia	Pivovarna Lasko							112200000000000	Sava	1	28	422	937	622								
11506	Slovenia	Papir Radece							112200000000000	Sava	3	3	1573	203	75	2							1.2
11507	Slovenia	VIPAP Videm Krsko							112200000000000	Sava	3	272	20127	21718	5954	4.27							
11508	Slovenia	Farma Ihan/ Domzale							112200000000000	Sava	10	5	83	322	100								
11509	Slovenia	IUV Vhmika							112200000000000	Sava	9	23	360	1317	496	31							2.5

AV code																							Remarks					
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES		DIS	CIH	act-Cl	AOX	
2501		455.5																										calculated on 50% of capacity
2502		5918																										calculated on 20% of capacity
2503																												
2504		1420																										calculated on 50% of capacity
2505																												
2506		7831																										calculated on 20% of capacity
2507		49																										
2508		138																										
2509	1269	5642																										
4506		44					0.96		0.1							0.08												
4507																												no waste water discharging into the surface waters - stabilisation in lagunas and later use on agricultural land
4508		379															14											
4509		356																										
4510		71													6													
4511																												less than 1t/day BOD or 2t/day COD
4512																												less than 1t/day BOD or 2t/day COD
4513		138								0.2																		Big industrial discharge into Zagreb sewer system (pollution load has been included in the Zagreb municipal discharge)
4514																												less than 1t/day BOD or 2t/day COD
4515		131																										Big industrial discharge into Zagreb sewer system (pollution load has been included in the Zagreb municipal discharge)
4516		28																										Big industrial discharge into Zagreb sewer system (pollution load has been included in the Zagreb municipal discharge)
4517																												Closed
4518																												less than 1t/day BOD or 2t/day COD
4519																												less than 1t/day BOD or 2t/day COD
4520																												less than 1t/day BOD or 2t/day COD
4521																												less than 1t/day BOD or 2t/day COD
4522																												Closed
4524																												less than 1t/day BOD or 2t/day COD
4525																												less than 1t/day BOD or 2t/day COD
11505		87																										brewery; 500 pe inh.+ 35000 pe ind.
11506		57																										paper industry; 500 pe inh. + 20000 pe ind.
11507		792																										699 pulp&paper industry; 500 pe of inh. And 450000 pe of ind.
11508		135																										pig farm
11509	435	364	1.1										3.7															leather ind.; 500 pe of inh. + 100000 pe of ind.; Cr:Cr(tot)

Emission Inventory 2000  
Municipal Discharges

# Tisa Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
7004	Hungary	Szeged	46	12	35	20	8	4	112100000000000	Tisza	268		x				200	14592
7005	Hungary	Miskolc	48	5	5	20	51	23	112101500000000	Tisza, Sajó	223		x	x			300	18000
7007	Hungary	Szolnok	47	8	42	20	10	26	112100000000000	Tisza	73		x	x	x	x	117	6992
7012	Hungary	Nyíregyháza	47	57	10	21	41	7	112100000000000	Tisza	45		x	x			55	3821
7013	Hungary	Debrecen	47	22	42	21	52	27	112101807000000	Köcsely/Tisza	183		x	x			300	18000
7014	Hungary	Békéscsaba	46	42	5	21	5	54	112101804000000	Kettos-Körös/Tisza	84		x	x			224	5440
7018	Hungary	Kecskemét	46	53	35	19	43	4	112101900000000	Csukás Ch.	203		x	x			240	7680
7023	Hungary	Eger	47	52	8	20	23	56	112101600000000	Eger Creek	49		x	x			83	5227
7027	Hungary	Hódmezővásárhely	46	24	28	20	19	47	112102000000000	Hódtó-Kistisza	25		x	x			62	3190
7039	Hungary	Salgótarján	48	5	18	19	47	42	112101701000000	Tarján Creek	39		x	x			70.5	3433
9034	Romania	Deva	45	54	13	22	53	42	112102100000000	Mures	76		x	x			75	11642
9035	Romania	Turda	46	32	32	23	54	1	112102100000000	Mures-Aries	90		x	x			90	14809
9036	Romania	Alba Iulia	46	2	39	23	33	24	112102100000000	Mures	72		x				70	8846
9037	Romania	Hunedoara	45	52	17	22	48	59	112102100000000	Mures-Cerna	80		x				160	11978
9038	Romania	Medias	46	9	23	24	19	11	112102100000000	Mures-Tárnava Mare	63		x	x			70	12715
9040	Romania	Tg. Mures	46	30	10	24	28	1	112102100000000	Mures	165		x	x			300	30744
9041	Romania	Arad	46	9	29	21	17	3	112102100000000	Mures	184		x	x			260	26681
9042	Romania	Oradea	47	4	32	21	52	36	112101802000000	Cris-Cris Repede	222		x	x			240	48893
9043	Romania	Zalau	47	13	31	23	0	50	112100900000000	Somes-Zalau	70		x	x			50	14745
9045	Romania	Bistrita	47	6	48	24	28	2	112100900000000	Somes	87		x	x			54	22671
9047	Romania	Satu Mare	47	47	40	22	50	45	112100900000000	Somes	131		x	x			170	21363
9048	Romania	Baia Mare	47	39	3	23	31	41	112100900000000	Somes-Sasar	150		x	x			200	31209
9049	Romania	Cluj	46	47	22	23	41	8	112100900000000	Somes-Somes Mic	330		x	x			310	71640
9056	Romania	Miercurea Ciuc	46	21	30	25	47	35	113400000000000	Olt	48		x	x			50	7111
9057	Romania	Reghin	46	45	41	24	42	27	112102100000000	Mures	39		x	x			45	5918
9058	Romania	Hateg	45	35	58	22	58	48	112102100000000	Mures-Galbena	20		x	x			20	2365
10057	Slovak Republic	Roznava	48	38	26	20	30	44	112101500000000	Slaná	19		x	x			19	4235
10058	Slovak Republic	Revúca	48	40	22	20	7	46	112101503000000	Murán	9		x	x			9	1407
10059	Slovak Republic	Rimavská Sobota	48	22	20	20	1	55	112101504000000	Rimava	85		x	x	x	x	85	4914
10060	Slovak Republic	Saca	48	37	16	21	10	19	112101506010000	Ida	4		x	x			4	1216
10061	Slovak Republic	Snina	48	59	4	22	9	29	112101302010000	Cirocha	11		x	x			11	2232
10062	Slovak Republic	Vranov n. Toplou	48	52	26	21	40	53	112101304010000	Topla	21		x	x			21	2087
10063	Slovak Republic	Trebisov	48	36	24	21	44	17	112101304000000	Trnávka	21		x	x			21	2697
10064	Slovak Republic	Spisská N. Ves	48	43	45	21	55	19	112101507000000	Hornád	47		x	x			45	7067
10065	Slovak Republic	Sabinov	49	4	55	21	6	31	112101507050000	Torysa	15		x	x			15	1269
10066	Slovak Republic	Presov	48	56	35	21	14	48	112101507050000	Torysa	73		x	x			73	9575
10104	Slovak Republic	Michalovce	48	55	14	20	35	3	112101302000000	Laborec	60		x	x	x		60	6241
10105	Slovak Republic	Svidník	49	17	27	21	34	53	112101304000000	Ondava	14		x				14	1832
10107	Slovak Republic	Humenné	48	54	29	21	52	17	112101302000000	Laborec	68		x	x	x		44	9259
10110	Slovak Republic	Kosice	48	38	50	21	20	5	112101507000000	Hornád	221		x	x	x		221	39861
12004	Ukraine	Mukachevo	48	28		22	31		112101303000000	Latoritsa	92		x	x			122	9700
12005	Ukraine	Uzhgorod	48	35		22	33		112101301000000	Uzh	305		x	x			188	28916

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks	
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P		
7004	5866	9718	p 1167	380	p 189	200							657	1642	219	22	international tenders in process	
7005	322	820	266	38	p 36	300												no development planned
7007	60	332	29	2	9	117												no development planned
7012	108	305	77	30	7	134	Nov 2000		2001	2001			4					co-ordinates of settlement
7013	493	1335	645	164	503	300												sludge treatment development is planned
7014	319	563	152	0.5	50	224	Dec 2004	Dec 2004	2007	2007			13.6	100	500	100	15	co-ordinates of settlement, cost of total investment
7018	111	399	p 115	56	p 15	240												no development planned
7023	64	241	21	1	p 10	83												no development planned
7027	106	172	p 250	54	p 6	65												no development planned
7039		187	126	64	17	75	Nov 2001		2002			8						co-ordinates of settlement; capacity extension
9034	473	842	126	103.2	23	150	1997		1999			5.6	210	624	123	21		extension
9035	312	449	224.1	151.5	18	100	1997		2000			0.9	116	326	123	5		extension
9036	333	463	170	134.6	33	100	1996					3.8	166	420	160	27		extension
9037	343	1055	67.6	60.3	11.9	200							22	70	20	4		extension, feasibility study
9038	294	468	180.6	174.9	22.4	70	2005					1.3	72	234	94	12		feasibility study
9040	468	728	419.2	57.5	56.7	300	1997		1999			1.4	180	602	161	26		rehabilitation, upgrading, feasibility study
9041	446	730	271.5	53.6	41.6	320	1997		1999				182	630	153	24		rehabilitation, upgrading + extension
9042	437	1824	290.7	185.6	29.7	250	1997		1998			1.1	400	1340	161	16		rehabilitation, upgrading
9043	518	1459	85	83.5	33.6	80	1997		2002			7	90	340	71	18		extension, feasibility study
9045	670	3225	229.7	156	71	90	1996		2001				210	570	199	46		extension, feasibility study
9047	654	1412	166.2	155.5	32.7	170			2005				140	250	90	14		rehabilitation, upgrading, feasibility study
9048	362	391	95	46.1	36	200			2002				90	160	69	15		rehabilitation, upgrading + extension, feasibility study
9049	2137	9809	1027.9	984.6	85	380	1997		2000				140	416	285	40		rehabilitation, upgrading + extension
9056	590	892	73.2	73.2	15	50							295	446	36	8		
9057	380	549	81.9	80.1	16.4	45							104	220	50	8		
9058	452	854	66	14.4	15	25							160	330	33	7		
10057	98.5	204.2	73.2	39.4	10	19						0.23	21.2	163.4	63.5	8.5		
10058	17.2	41.1	18.7	6.9	5.5	11							7.4	32.9	18.7	5.5		
10059	24.8	115.7		3.7	5.5	85							24.6	92.6	73.7	5.5		
10060	14.6	31.1	13.5	5.7	1.4	4							14.6	24.9	13.5	1.4		
10061	25.2	45.1	31.9	9.9	4.1	11							11.2	36.1	33.5	4.5		
10062	51.3	109.8	48.2	18.2	6.1	30						11.36	12.1	87.8	36.2	4.8		
10063	43	88.4	49.1	20.6	1.2	21						0.23	13.5	70.7	40.5	1.2		
10064	70.6	214.2	123.7	35.3	14.8	47						1.14	35.3	171.4	106.0	14.1		
10065	9	44.5	10.8	0.3	2.1	15						0.11	6.3	35.6	10.8	2.5		
10066	24.2	171.4	127.4	3.8	24.7	77						0.80	24.2	137.1	127.4	19.4		
10104	219.9	749.8	40.4	12.2	10.7	62						4.09	31.6	599.8	40.4	10.7		
10105	23.3	219.9	19	3.8		14						1.14	9.2	175.9	19.0	5.5		
10107	645.5	1198	289.5	57.4	17.9	68						9.55	46.3	958.4	138.9	18.5		
10110	588.5	1349.5	457.8	185.1	57	221						14.32	199.3	1,079.6	457.8	57.0		
12004	200	560	270	170	10	165	May 2002		2004			0.2						
12005	580	670	190	60	106	281	May 2002		2004			15						

Emission Inventory 2000  
Industrial Discharges

# Tisa Sub-river Basin





AV code																					Remarks							
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde		Methanol	NES	DIS	CIH	act-Cl	AOX	
7506		3214																										co-ordinates of settlement
7507		989																	0.06									co-ordinates of settlement
7508																			0.2									
7510																			0.066									Bath
7511																			0.14									Pharmaceutical Ind., co-ordinates of settlement
7524		389																										co-ordinates of settlement
7526					0														0.049									Waste management, co-ordinates of settlement
7529																												co-ordinates of settlement
7530																												hazardous waste landfill at Berente, co-ordinates of settlement
7533		3152	0.1	0	0	0.3	6.16		0	0.7								1.79										
7537		652																0.052										thermal water, co-ordinates of settlement
7538		121																										co-ordinates of settlement
7543		1418																										co-ordinates of settlement
9501	2573	280	0.2			4.5	2.6			3.8	0.1																	
9502		1411																1	3.2									291 t/a lignine
9503	79.8	144		0.1			1			0.25									0.036									
9504		188													5.2													
9505	172.4	22	0.1	0.1			0.2			0.1																		
9506		663	4.4		2.4	0.1	0.2	0.8		14.2																		
9507		827				1.3	4.8	0.5		0.5							17.9											
9508	10427	712				125	234	22.5		51.7																		
9509		1581					16.9																					
9510	1307.7	213				0.6	58.8	43		10																		
9511	179.8	137					0.9			0.5																		
9542																												
9543		228																										
9544		182																										
9545		451																										wood industry
9546		370																										
9547		47																										
9563		320	0.5			2.8	2.3	3.1		5.2																		
9564	881	90	0.2			0.2	0.4	5		1.2																		
9565	441	10	0.1			0.1	0.4	2.1		0.9		52																
9566	1061	96	0.3			0.6	13	21.5		1.7																		
9567	54.3	41	0.1				0.2	0.4																				
9568	898	108				0.4	4.6	8.5		1.6																		
9569		19																										
9570		248																	0.985									
9571	1358	1943																										
9572		60																										
9573	195.5	168	0.2			8.8	0.1			3.3																		
9574	1711.6	353	0.1			1	1.6	8.6		3.3																		
9575	604.7	35				0.1	0.4	4.6		2.1		86.2																
9591		128	0.1	1.8			7.6	0.4		0.2																		
9592	1713	114	6.9			6	70.3	30.1		170																		
9593		366	0.5			3.1	3.6	21.3		1.8	0.1																	
9594	441	80	0.1		0.2	0.2	0.7	1.3		0.1																		
9595	125.7	15	0.1			0.2	9.5	2.8		9.4																		
9596		252		8.1			2			0.3																		
10505		2200																6.2	0.093									cooling water - without treatment, discharged dissolved substances 57 753 t/year
12501		82																										
12502		1																										
12503		2																										

Emission Inventory 2000  
Municipal Discharges

# Banat-Eastern Serbia Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
9004	Romania	Drobeta Tr. Severin	44	37	22	22	39	15	1000000000000000	Danube	118	x					0	14707
9029	Romania	Lugoj	45	43	51	21	49	5	1123000000000000	Timis	49		x	x			100	7679
9030	Romania	Resita	45	20	31	21	50	42	1123000000000000	Timis-Bârzava	96		x				100	14110
9032	Romania	Timisoara	45	44	32	21	11	0	1121025000000000	Bega	324		x	x			194	70835

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
9004	1153	2322	99.6	97.7	17.4	120							100	150	28	4	new WWTP, feasibility study
9029	239	782	100.3	94.4	18.1	100							72	130	47	7	rehabilitation, upgrading, feasibility study
9030	292	1441	193.6	187.2	36.8	150	1998				3.5		136	335	117	19	extension
9032	2352	8232	1299.1	#####	123	340	1996		1999		1.5		1752	2535	548	72	rehabilitation, upgrading + extension

Emission Inventory 2000  
Industrial Discharges

# Banat-Eastern Serbia Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a								
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	CI
9541	Romania	Romag Tr. Severin	44	40	32	22	41	52	1000000000000000	Danube-Topolnita	2		14540	49	16	0.6	0.11		1	0.8	4.6	1541.8
9548	Romania	Comsuim Birda	45	33	35	21	18	28	1123001000000000	Timis-Bârzava	10		498	822	625	129.6		0.2	130	60.5	20	33.47
9549	Romania	Comseltest Padureni	45	37	30	21	11	15	1123001000000000	Timis-Gavojdia	10		74	133	90	18.6		0.04	19	11.6	3.8	6.6
9550	Romania	Comsuin Beregsau	45	45	45	21	0	0	1121025000000000	Bega-Bega Veche	10		255	531	248	54.6		0.2	55	29.1	9.6	23.6
9576	Romania	UCMR Resita	45	18	48	21	53	5	1123001000000000	Timis-Bârzava	6		2928	54	7							8.66
9577	Romania	C.S.Resita	45	17	21	21	53	37	1123001000000000	Timis-Bârzava	6		19182	364	64	8.4		18.7	29			115.3
9578	Romania	Gavazzi Steel Otelu Rosu	45	30	24	22	20	11	1123001000000000	Timis-Bistra Marulu	6		6267	88	16							32
9588	Romania	I.M.Moldova Noua	44	41	55	21	39	12	1000000000000000	Danube	5		8987	728	1	0.02		0				163

AV code	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES	DIS	CIH	act-Cl	AOX	Remarks
9541	1441.7	2175																0.03	0.43								
9548	44.59	583														0.1		0.1									
9549		34														0.1		0.036									
9550	19.7	230														0.029		0.082									
9576	13.08	82		0.2		0.1	1.9		0.2	0.2																	
9577	341.6	817		0.3		1.5	69.1	1.3								0.085											
9578	125.2	210				6.7										0.006											
9588	697.8	4546				2.7	53.5		0.9	1		18.1						0.052									

Emission Inventory 2000  
Municipal Discharges

# Mizia-Dobrudzha Sub-river Basin



AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
3001	Bulgaria	Sofia	42	46	52	23	22	20	1132000000000000	Iskar	894		x	x			1300	170273
3001	Bulgaria	Sofia	42	46	52	23	22	20	1132000000000000	Iskar	337	x						64131
3002	Bulgaria	Rousse	43	51	22	25	58	16	1000000000000000	Danube	183	x						29200
3003	Bulgaria	Veliko Tarnovo	43	5	12	25	38	41	1136000000000000	Yantra	52		x	x			100	6307
3003	Bulgaria	Veliko Tarnovo	43	5	12	25	38	41	1136000000000000	Yantra	73	x						8829
3004	Bulgaria	Gorna Oriahowitza	43	7	37	25	42	0	1136000000000000	Yantra	85	x						8760
3005	Bulgaria	Montana	43	24	49	23	14	13	1131000000000000	Ogosta	55	x						4915
3006	Bulgaria	Pleven	43	24	59	24	37	51	1133000000000000	Vit	111		x	x			160	18177
3006	Bulgaria	Pleven	43	24	59	24	37	51	1133000000000000	Vit	85	x						13870
3007	Bulgaria	Dobrich	43	34	51	27	9	18	1140000000000000	Suha	152		x	x			173	17370
3008	Bulgaria	Gabrovo	42	52	39	25	19	31	1136000000000000	Yantra	99		x	x			90	14235
3008	Bulgaria	Gabrovo	42	52	39	25	19	31	1136000000000000	Yantra	22	x						3103
3009	Bulgaria	Razgrad	43	32	3	26	31	44	1138000000000000	Russenski Lom	46		x	x			90	5065
3010	Bulgaria	Troyan	42	53	36	24	43	27	1135000000000000	Osam	47	x						10293
3011	Bulgaria	Vratza	43	12	24	23	33	36	1131000000000000	Ogosta	55		x	x			140	9461
3011	Bulgaria	Vratza	43	12	24	23	33	36	1131000000000000	Ogosta	14	x						2446
3012	Bulgaria	Samokov	42	20	32	23	34	20	1132000000000000	Iskar	59		x	x			60	12877
3012	Bulgaria	Samokov	42	20	32	23	34	20	1132000000000000	Iskar	9	x						2008
3013	Bulgaria	Lovech	43	8	35	24	43	12	1135000000000000	Osam	61	x						7404
3014	Bulgaria	Svistov	43	37	25	25	19	25	1000000000000000	Danube	50	x						5512
3015	Bulgaria	Sevlievo	43	1	47	25	6	51	1136002000000000	Rositz/Yantra	48	x						6917
3016	Bulgaria	Silistra	44	7	20	27	15	57	1000000000000000	Danube	47	x						7610
3017	Bulgaria	Cherven briag	42	53	36	24	43	27	1132000000000000	Iskar	20	x						3650
3018	Bulgaria	Popovo	43	21	13	26	14	14	1138000000000000	Russenski Lom	23	x						2191
3019	Bulgaria	Vidin	43	24	59	24	37	51	1000000000000000	Danube	72	x						14235
3020	Bulgaria	Lom	43	49	35	23	15	5	1000000000000000	Danube	33	x						5840
3028	Bulgaria	Levski	43	21	53	25	9	8	1135000000000000	Osam	10	x						1679
3029	Bulgaria	Stragitz	43	14	4	25	58	18	1136000000000000	Yantra	6	x						1606
3030	Bulgaria	Dulovo	43	49	48	27	9	11	1140000000000000	Suha	14	x						1522
3031	Bulgaria	Isperih	43	43	19	26	50	26	1140000000000000	Suha	15	x						1606

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
3001	2554	5350	1873		664	1680	Jan 1999	Jan 1999	2005	2005	30	7	5110	14880	2044	409	
3001	7375	15200	1411		385	0							0	0	0	0	additional wastewater discharges without treatment
3002	4000	13587	730		216	250							913	2144	365	80	
3003	63	150	63		32	214	Dec 2000		2007		3		246	589	181	30	
3003	1589	3567	97		57	17					5		46	97	22	4	additional wastewater discharges without treatment
3004	1866	3740	289		47	110	Dec 2001		2006		27		282	700	113	23	
3005	1204	2520	147		19	106	Dec 2002		2006		20		237	500	95	19	
3006	273	610	182		58	230	Jan 1997		2002		2		504	1306	336	67	
3006	1859	3680	305		80	0							0	0	0	0	additional wastewater discharges without treatment
3007	261	561	174		21	183	Jan 1996		2001		2		301	652	201	24	
3008	356	768	157		70	126	Jan 1999		2003		4		575	1372	230	37	
3008	472	780	39		16	0							0	0	0	0	additional wastewater discharges without treatment
3009	111	267	127		18	137	Jan 1992		2002		10		164	351	79	16	
3010	1029	2460	226		51	87	Jan 1990	Dec 2003	2003	2005	10	6	265	664	106	21	
3011	199	456	151		28	88	Jan 1999		2003		4		319	765	128	23	
3011	313	600	81		17	0							0	0	0	0	additional wastewater discharges without treatment
3012	180	308	103		15	102	Jan 1994		2002		5		146	327	146	15	
3012	201	432	44		12	0							0	0	0	0	additional wastewater discharges without treatment
3013	1325	2724	289		30	95			2010		8		250	598	150	20	
3014	1102	2512	72		33	66							153	386	61	12	
3015	1051	2280	173		17	64	Dec 2002		2007		19		206	318	83	15	
3016	1020	1157	221		49	28			2010		10		110	285	66	9	
3017	438	880	84		22	24			2010		15		66	139	37	5	
3018	511	779	66		9	35	Dec 2002		2006		15		72	168	37	6	
3019	1566	3214	384		93	29			2010				356	800	171	30	
3020	718	1487	128		38	33			2010				183	423	80	16	
3028	225	455	39		6	17							46	139	22	4	
3029	120	255	22		5	8			2010		6		46	144	20	4	
3030	304	620	33		5	23			2010		10		63	130	30	3	
3031	321	642	40		8	14			2010		10		46	124	24	4	

Emission Inventory 2000  
Industrial Discharges

# Mizia-Dobrudzha Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a								
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl
3501	Bulgaria	Svilozha/Svishtov (1)	43	37	25	25	19	25	1000000000000000	Danube	2			4433	2257					67		1
3502	Bulgaria	Zachar Bio/Russe (3)	43	51	22	25	58	16	1000000000000000	Danube	1			4210	2111					75		5
3503	Bulgaria	Bimas/Russe (3)	43	51	22	25	58	16	1000000000000000	Danube	2			239	145					12		2
3504	Bulgaria	Chlebna maja/Russe (1)	43	51	22	25	58	16	1000000000000000	Danube	1			668	334					21		3
3505	Bulgaria	Lesoplast/Trojan (1)	42	53	36	24	43	27	1135000000000000	Osam	11			1467	765					21		4
3506	Bulgaria	Velur/Lovetch (1)	43	8	35	24	43	12	1135000000000000	Osam	9			1162	766					273		6
3507	Bulgaria	Sugar Factory/G.Orjachovtza(3)	43	7	37	25	42	0	1136000000000000	Yantra	1			2182	1084					333		22
3508	Bulgaria	Sevko/Sevlievo (1)	43	1	47	25	6	51	1136002000000000	Rositza/Yantra	7			177	98.4							
3509	Bulgaria	Kremikovtsi (3)	42	43	53	23	28	32	1132001000000000	Lesnovska/Iskar	6			259	126							
3510	Bulgaria	Kraft Jacobs Suchard/Svoje (1)	42	57	31	23	21	13	1132002000000000	Iskretzka/Iskar	1			280	255					4.1		0.2
3511	Bulgaria	EKKO-ET/ Etropole (1)							1132000000000000	Iskar	9											
3512	Bulgaria	Eliseina / Eliseina (3)							1132000000000000	Iskar	6											
3513	Bulgaria	Chimko/Vratsa (1)	43	12	24	23	33	36	1131001000000000	Dabnika/Ogosta	4			174.1	84					242.3		3.6
3514	Bulgaria	Lovico/Suhindol (3)							1136002000000000	Rositza/Yantra	1											
3515	Bulgaria	Antibiotic/Razgrad (2)							1138001000000000	Beli Lom/R.Lom	2											
3516	Bulgaria	KOZM gara Iskar/Sofia (2)							1132000000000000	Iskar	7											
3517	Bulgaria	Ledenika/Mezdra(3)	43	8	36	23	42	35	1132000000000000	Iskar	1			158.6	82.3							
3518	Bulgaria	Sunytex/Mezdra(3)	43	8	36	23	42	35	1132000000000000	Iskar	8			25.1	18							
3519	Bulgaria	ZMK/Nikopol(3)	43	41	59	24	53	47	1000000000000000	Danube	3			74	34					2		
3520	Bulgaria	Prista/Russe(3)	43	51	22	25	58	16	1138000000000000	Russenski Lom	9			834	605					12		5
3521	Bulgaria	Lotos/Trjavna(3)	42	52	14	25	30	3	1136000000000000	Trevnenska/Yantra	8			353	164							

AV code																							Remarks					
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES		DIS	ClH	act-Cl	AOX	
3501			1.5			9.4	36	11	0.6	74.5																		Point of discharge: town collector - river
3502																												Point of discharge: town collector - river
3503															90													Point of discharge: river
3504																												Point of discharge: river
3505																												Point of discharge: town collector - river
3506																												Point of discharge: town collector - river
3507																												Point of discharge: river
3508			0.01				1.4	0.04	0	0.03																		Point of discharge: town collector - river
3509							9	12							80													Point of discharge: river
3510																												Point of discharge: town collector - river
3511																												Point of discharge: town collector - river
3512																												Point of discharge: river
3513																												Point of discharge: town collector - river
3514																												Point of discharge: river
3515																												Point of discharge: wwtp
3516																												Point of discharge: town collector - wwtp
3517																												Point of discharge: river
3518																												Point of discharge: river
3519							0.2																					Point of discharge: river
3520															37													Point of discharge: river
3521																												Point of discharge: river

Emission Inventory 2000  
Municipal Discharges

# Muntenia Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
9001	Romania	Calarasi	44	11	35	27	21	10	1000000000000000	Danube	78	x				150	6160	
9002	Romania	Giurgiu	43	53	51	26	0	36	1000000000000000	Danube	73	x	x			100	6213	
9005	Romania	Braila	45	17	23	27	59	10	1000000000000000	Danube	234	x				0	19172	
9018	Romania	Targoviste	44	56	30	25	29	10	1141000000000000	Ialomita	98	x	x			100	13000	
9019	Romania	Slobozia	44	33	20	27	22	10	1141000000000000	Ialomita	57	x				80	4447	
9020	Romania	Ploiesti	44	54	44	26	6	47	1141000000000000	Ialomita-Dâmbu	251	x				280	31120	
9021	Romania	Sf. Gheorghe	45	50	39	25	47	16	1134000000000000	Olt	67	x	x			90	7122	
9022	Romania	Slatina	44	23	50	24	21	36	1134000000000000	Olt	87	x	x			90	16870	
9023	Romania	Rm. Valcea	45	4	1	24	21	11	1134000000000000	Olt	120	x	x			150	28365	
9024	Romania	Sibiu	45	45	26	24	13	7	1134000000000000	Olt-Cibin	170	x	x			250	43850	
9025	Romania	Brasov	45	41	28	25	34	12	1134000000000000	Olt-Ghimbasel	314	x	x			320	46566	
9026	Romania	Petrosani	45	21	49	23	22	19	1130000000000000	Jiu	140	x				146	24000	
9027	Romania	Tg. Jiu	44	59	34	23	14	29	1130000000000000	Jiu	99	x				100	12000	
9028	Romania	Craiova	44	16	38	23	48	20	1130000000000000	Jiu	313	x				0	37296	
9050	Romania	Alexandria	43	57	19	25	32	15	1137000000000000	Vedea	59	x	x			90	6014	
9051	Romania	Curtea de Arges	45	6	38	24	2	35	1139000000000000	Arges	35	x	x			56	5624	
9052	Romania	Campulung	45	15	8	25	2	35	1139000000000000	Arges-R.Târgului	44	x	x			80	7323	
9053	Romania	Pitesti	44	49	52	24	58	50	1139000000000000	Arges	190	x	x			280	50341	
9054	Romania	Bucuresti	44	24	18	26	14	2	1139000000000000	Arges-Dâmbovita	2500	x				0	582410	
9055	Romania	Cernavoda	44	21	0	28	2	28	1000000000000000	Danube	20	x				0	5494	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
9001	117	197	31.7	29.6	5.6	160	1999						70	124	16	2	rehabilitation, upgrading + extension, feasibility study
9002	83	155	114.6	112.5	22.9	100			1998				34	72	71	13	feasibility study
9005	1707	2383	550.2	528.1	65.8	230	2005				21.9		360	920	294	40	new WWTP, feasibility study
9018	371	518	168.8	156.9	24	140	1999		2004		8.5		64	114	73	12	rehabilitation, upgrading + extension, feasibility study
9019	213	384	146.1	144.5	20	120	2000						124	340	107	16	rehabilitation, upgrading + extension, feasibility study
9020	1547	2126	387	287.8	90	360	2004				40.5		404	1541	347	65	rehabilitation, upgrading + extension, feasibility study
9021	84	195	127	126.8	22	90							74	112	62	10	rehabilitation, upgrading, feasibility study
9022	203	331	150	131.7	24	160	1996						120	188	132	12	extension
9023	570	802	202.9	194.7	39.3	150	2005				2.1		300	540	133	21	rehabilitation, upgrading
9024	1534	2136	513	512.5	84	300	1998				4.9		520	1610	287	47	extension, feasibility study
9025	1060	3424	405.6	327.6	47	380	1998		2000		4.2		340	1420	364	44	rehabilitation, upgrading + extension
9026	348	883	230	210.6	32	170							340	702	62	11	extension, feasibility study
9027	380	974	107	38.2	33	160							360	704	89	18	extension, feasibility study
9028	1033	3515	1154	939.1	105	400			2008		32.1		74	216	393	65	new WWTP
9050	190	268	65.5	65.4	6.2	135	1997						66	166	45	4	rehabilitation, upgrading + extension, feasibility study
9051	332	389	79.4	72.7	3.9	56	2005				1.9		96	258	48	2	
9052	219	421	68	58.8	11.7	80	2005				1.5		152	335	45	5	rehabilitation, upgrading
9053	1826	3082	230	155.3	20.4	280	1999		2004		19.7		420	1572	222	15	rehabilitation, upgrading, feasibility study
9054	19513	27140	8202.5	#####	1878	3500			2008		492.5		10600	14120	3363	444	new WWTP
9055	709	1155	27.2	21.8	5.4	25							70	115	10	2	



Emission Inventory 2000  
Industrial Discharges

# Muntenia Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a													
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	CI					
9512	Romania	Doljchim Craiova	44	17	46	23	47	16	1134000000000000	Jiu	2		8195	463	153	176.1	3.4	71.1	248							493	
9513	Romania	Nitramonia Fagaras	45	49	17	24	57	51	1134000000000000	Olt	4		12185	286	109	32.6	21.5	144.7	184					0.071		110.4	
9514	Romania	Oltchim Rm. Valcea	45	0	52	24	17	48	1134000000000000	Olt	2		37476	2167	359	60.8		37.1	119		2.4					30941	
9515	Romania	Romacril Rasnov	45	35	5	25	25	57	1134000000000000	Olt-PaniceI	2		383	62	9	0.1	0.029	0.2						0.042		2.2	
9516	Romania	Celohart Zarnesti	45	34	2	25	19	54	1134000000000000	Olt-Bârsa	3		2275	1895	777	20.5		1.5	22					0.21		70.3	
9517	Romania	Colorom Codlea	45	42	48	25	28	36	1134000000000000	Olt-Vulcanita	2		209	28	9	0.2	0.1	0.2		1				0.004		7.5	
9518	Romania	U.P.S. Govora	45	0	0	24	21	11	1134000000000000	Olt	2		1715			60.1				62						75667	
9519	Romania	E.M. Capeni	46	3	57	25	35	39	1134000000000000	Olt-Baraolt	5		782	26	16	1.6					2						
9520	Romania	Viromet Victoria	45	47	44	24	41	27	1134000000000000	Olt-Ucea	2		8010	1225	249	29.1	3.85	17.9	49				0.316			775.7	
9521	Romania	Dacia Pitesti	44	57	56	24	55	15	1139000000000000	Arges-Doamnei	6		4358	240	116	5.2	0.59	6.3	12	3.8	1.4					282.1	
9522	Romania	Arpechim Pitesti	44	49	31	24	53	4	1139000000000000	Arges-Dâmbovnic	2		13945	432	96	84.7	4.17	17.6	104	17	5.6					2791.2	
9523	Romania	Petrobrazii Ploiesti	44	48	34	26	1	37	1141000000000000	Ialomita-Prahova	2		6989	564	143												
9524	Romania	Romfosfochim							1141000000000000	Ialomita	2																
9525	Romania	Astra Romana Ploiesti	44	54	44	26	6	47	1141000000000000	Ialomita-Dâmbru	2		3570	64	54												
9526	Romania	Petrotel - Lukoil	44	54	46	26	6	50	1141000000000000	Ialomita-Teleajen	2		5130	215	147	47.1						1.03					
9535	Romania	Siderca Calarasi	44	11	35	27	20	24	1000000000000000	Danube	6																
9537	Romania	CICH Tr. Magurele	43	48	10	24	56	25	1000000000000000	Danube	4		5267	38		807.2	6.82	56.8	867	14	4.6					845.6	
9538	Romania	Dunacor Braila	45	12	46	27	52	24	1000000000000000	Danube	8		6700	1354	864	19.8	2.9	4.4	24								
9539	Romania	Verachim Giurgiu	43	53	26	26	0	5	1000000000000000	Danube	2																
9540	Romania	Comceh Calarasi	44	11	35	27	21	10	1000000000000000	Danube	8		990	49							2						
9551	Romania	Suinprod Cazanesti	44	37	0	27	1	40	1141000000000000	Ialomita	10		346	232	202	29.4					30						
9552	Romania	Ulcom Slobozia	44	33	10	27	20	30	1141000000000000	Ialomita	1		862	85	59	7.3	0.4					8					
9553	Romania	Beta Tandareni	44	39	25	27	39	20	1141000000000000	Ialomita	1		908	106	82	8.2						8					348.4
9554	Romania	Combilcarial Gh.Doja							1141000000000000	Ialomita	10																
9560	Romania	Comsuin Ulmeni							1000000000000000	Danube	10																
9561	Romania	Braigal Braila							1000000000000000	Danube	10																
9579	Romania	Celrom Tr.Severin	44	37	29	22	41	7	1000000000000000	Danube	11		3472	1183	380												
9580	Romania	S.C.Balan	46	36	30	25	47	35	1134000000000000	Olt	5		3007														
9581	Romania	Alro Slatina	44	26	32	24	23	45	1134000000000000	Olt	6		3275	44													
9582	Romania	COS Târgoviste	44	56	30	25	29	10	1141000000000000	Ialomita	6		11000	119	97								4.1				721.3
9583	Romania	Amonil Slobozia	44	33	20	27	22	5	1141000000000000	Ialomita	2		3146	86	41	154.7	6.8	36.9	194								263.2
9589	Romania	Corapet Corabia	43	46	11	24	30	24	1000000000000000	Danube	2		3031	149													279.4
9590	Romania	Zahar Corabia	43	46	11	24	30	24	1000000000000000	Danube	1		1851	717		2.2	4.6				4						154.5
9597	Romania	Suinprod Let	45	50	14	26	0	6	1134000000000000	Olt-r.Negru	10		211	248	183						114						
9598	Romania	Suinprod Sercaia	45	53	25	25	6	52	1134000000000000	Olt	10		168	151	54	36.5			0	37				3.7			16.2

AV code																							Remarks						
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES		DIS	CIH	act-Cl	AOX		
9512	1190.6	1087																											
9513	968.2	140					2.6									0.24			1.3										
9514	4896	6231		0.7						1.4		393						0.69											
9515	9.8	11																0.08	0.241										
9516	238.5	87																0.37	0.218	5.965									
9517	16.8	8					0.6			0.1						0.019		0.179	0.1			1.6							
9518	355	563										132																	
9519		82																0.0047											
9520	1777.5	218				1	52.1	0.7			3.6					0.046			2.572										
9521	415.7	76					1.7	0.2	0.3	0.4								0.33											
9522	1087.6	200	0.4			0.2	9.4	1.1	0.4	0.8								0.3	1.433										
9523		815																0.27		0.068		87.1							
9524																													
9525		161																	0.07		0.32		19.2						
9526		537																0.32	2.15	1.43		57							
9535																													
9537		899					1.2					220																	
9538		672					7.1																310						
9539																													
9540		148					0.9											0.1											
9551		199																					7						
9552		97																	0.053				54.4						
9553	112	134																0.098				39.4							
9554																													
9560																													
9561																													
9579		215																0.69		0.2									wood industry
9580		71	0.2			0.1	2.5			0.1																			
9581		141																4.4											
9582	734.6	586		0.1			6.2																						
9583	232.8	285																											
9589		376																											
9590		275																											
9597		719																	0.07										
9598		24																0.148		1.3			1						

Emission Inventory 2000  
Municipal Discharges

# Prut-Siret Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
8001	Moldova	Cahul							1144000000000000	Prut	45.4	x	x			55	24.4	
8002	Moldova	Ungheni							1144000000000000	Prut	21.8	x	x			55	21.8	
8003	Moldova	Comrat							1144000000000000	Yalpugh	4.5	x	x			23	3.8	
8004	Moldova	Ciadir-Lunga							1144000000000000	Yalpugh		x	x			28		
8005	Moldova	Edinet							1144000000000000	Prut	34.9	x	x			84	11.3	
8006	Moldova	Falesti							1144000000000000	Prut	2.6	x	x			13	3.4	
8007	Moldova	Vulcanesti							1144000000000000	Yalpugh	2	x	x			15	2	
8008	Moldova	Nisporeni							1144000000000000	Prut	2.7	x	x			11	4	
8009	Moldova	Taraclia							1144000000000000	Yalpugh	2.5	x	x			28	2.6	
8010	Moldova	Glodeni							1144000000000000	Prut	1.8	x	x			40	2	
8011	Moldova	Leova							1144000000000000	Prut	7.7	x	x			19	9.4	
8012	Moldova	Congaz							1144000000000000	Yalpugh		x	x			3		
8013	Moldova	Briceni							1144000000000000	Prut	45.5	x	x			40	11.9	
8016	Moldova	Cupcini							1144000000000000	Prut		x	x			84		
8018	Moldova	Ungheni: Costesti							1144000000000000	Prut		x	x					
8019	Moldova	Cantemir							1144000000000000	Prut		x						
9006	Romania	Botosani	47	45	20	26	41	60	1144000000000000	Prut-Sitna	129	x	x			160	27175	
9007	Romania	Iasi	47	8	47	27	39	58	1144000000000000	Prut-Bahlui	348	x	x			450	67229	
9008	Romania	Barlad	46	12	34	27	40	63	1143000000000000	Siret-Barlad	79	x	x			80	9531	
9009	Romania	Vaslui	46	37	26	27	44	54	1143000000000000	Siret-Vasluiet	79	x	x			105	7300	
9010	Romania	Onesti	46	15	23	26	51	20	1143000000000000	Siret-Trotus	61	x	x			65	2769	
9011	Romania	Roman	46	55	44	26	59	27	1143000000000000	Siret	82	x	x			110	8506	
9012	Romania	Focsani	45	40	49	27	17	1	1143000000000000	Siret-Putna	99	x	x			120	15091	
9013	Romania	Suceava	47	39	26	26	18	18	1143000000000000	Siret-Suceava	119	x	x			175	18214	
9014	Romania	Piatra Neamt	46	54	45	26	23	48	1143000000000000	Siret-Bistrita	125	x	x			150	10890	
9015	Romania	Bacau	46	30	48	26	56	3	1143000000000000	Siret-Bistrita	209	x	x			210	41109	
9016	Romania	Buzau	45	8	15	26	52	30	1143010000000000	Buzau	148	x	x			200	25129	
9017	Romania	Galati	45	25	4	28	2	7	1000000000000000	Danube	330	x				0	40064	
12001	Ukraine	Chernivtsi	48	18		25	56		1144000000000000	Prut	355	x	x			285	16648	
12003	Ukraine	Kolomiya	48	30		25	10		1144000000000000	Prut	75	x	x			56	5442	

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
8001	100	480	115		24	55							37	230	80	12	
8002	48	215	70		10	60							40	390	100	17	
8003	10	40	12		3	24							12	30	12	1	
8004						28							10	60	17	3	
8005	76.8	415	117		29	84							80	400	70	20	
8006	5.7	68	4.7		0.8	32							3	24	9	1	
8007	4.4	31	3.7		0.6	15							5	40	11	1	
8008	6	27	4		0.5	11							4	30	10	1	
8009	5.5	26	8		1	28							4	35	7	1	
8010	4	17	3.9		0.9	40							50	376	87	17	
8011	17	87	34		4.8	19							8	40	12	1	
8012						3											
8013	103	579	63		34	40							48	340	96	14	
8016						84											
8018						0											
8019						0											
9006	691	2523	239.6	165.3	23.5	180	1999						240	588	93	6	e/new WWTP, feasibility study
9007	2163	4032	534.3	352.1	34.8	450	1997		1999		40		360	445	203	25	rehabilitation, upgrading
9008	311	815	111.1	107.1	9.5	200	1996		1999				156	276	73	3	rehabilitation, upgrading + extension
9009	285	808	60.1	55.6	7.6	300	1996						168	310	50	2	rehabilitation, upgrading + extension, feasibility study
9010	94	111	25.5	13.7	6.2	70	1998		2005		0.5		28	80	19	3	rehabilitation, upgrading
9011	459	1004	162	159.2	23	120							180	776	115	18	rehabilitation, upgrading
9012	277	375	104	85.3	20	160	1994		2000		3.2		140	316	88	17	extension
9013	1059	4003	172.2	164	23	175	1999		2004		14.3		210	1410	107	18	rehabilitation, upgrading, feasibility study
9014	283	900	130	75.6	21	200	1996		1998		1.9		250	850	106	17	extension
9015	1381	2220	379.1	314.5	52.9	210	1999		2002		1.2		360	1350	254	30	rehabilitation, upgrading
9016	2509	3090	383	350.2	45	200	1999		2001		5.1		400	1567	234	34	rehabilitation, upgrading, feasibility study
9017	1705	2849	388	353.3	44	300	2005				29.6		400	1120	342	35	new WWTP, feasibility study
12001	264	451	154	46.1	6.61	450	Mar 2002				6.57						
12003	53.7	223	106	4.8	35	169	Aug 2002				1.2						

Emission Inventory 2000  
Industrial Discharges

# Prut-Siret Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a										
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	CI		
8501	Moldova	Falesti							1144000000000000	Prut	11		200		30.6					4.7		0.3		
8502	Moldova	Lipcani							1144000000000000	Prut	1				3.6					1.6		0		
8503	Moldova	Lipcani							1144000000000000	Prut	10		32		2.2					7.3		6.1		
8504	Moldova	Ocnita							1144000000000000	Prut	11		257		40.8					4		0.4		
8505	Moldova	Cucoara							1144000000000000	Prut	1		1.35		3					0.5		0.01		
8506	Moldova	Congaz							1144000000000000	Yalpugh	1		0											
8507	Moldova	Cociulea							1144000000000000	Prut	1		2.19		3.7					3.1		0		
8508	Moldova	Cioc-Maidan							1144000000000000	Yalpugh	1		0.26		5					0.4		0.02		
8509	Moldova	Mereseni							1144000000000000	Prut	1		2.7		4					0.3		0.02		
8510	Moldova	Sofia							1144000000000000	Prut	1		0											
8511	Moldova	Glodeni							1144000000000000	Prut	1		1360		225					90		2		
8512	Moldova	Briceni							1144000000000000	Prut	1		1109		12.4					54		2		
8513	Moldova	Cupcini							1144000000000000	Prut	1		0		0					0		0		
9527	Romania	Letea Bacau	46	30	32	26	56	4	1143000000000000	Siret-Bistrita	3		13913	4828	458									
9528	Romania	Chimcomplex Borzesti	46	15	55	26	50	15	1143000000000000	Siret-Trotus	2		4274	170		13				13		4135		
9529	Romania	Fibrex Savinesti	46	50	48	26	30	50	1143000000000000	Siret-Bistrita	2		49419	1957	988	513	47.9	211.4		739		3.9	820.3	
9530	Romania	Pergodur P.Neamt							1143000000000000	Siret	3		43	1.5		0.02		0.02						
9531	Romania	Sofert Bacau	46	30	25	26	56	17	1143000000000000	Siret-Bistrita	2		4380	61		93				94		5.8	139.3	
9532	Romania	Carom Onesti	46	15	15	26	50	57	1143000000000000	Siret-Trotus	2		8021	1474	134							2.8	4642	
9533	Romania	Sidex Galati	45	26	25	28	0	9	1143000000000000	Siret-Malina	6		20506	439		84.2	15.3	35.9	125		2.2	2123.9		
9534	Romania	Antibiotice Iasi	47	10	16	27	28	66	1144000000000000	Prut-Bahlui	2		223	9	6	0.9	0.68	0.9	2		0.01	24.4		
9555	Romania	Suinprod Roman	46	58	46	26	59	1	1143000000000000	Siret	10		215		54	92.9				93		3.1		
9556	Romania	Agricola Bacau	46	28	45	26	56	31	1143000000000000	Siret	10		932		1410	381.7		3.7	385		32.2			
9557	Romania	Spirit Ghidiceni	46	2	10	27	28	44	1143000000000000	Siret-Bârlad	1		704	1653		52.2	0.5	0.9	54		5.6	103.1		
9558	Romania	Suinprod Independenta	45	27	26	27	46	32	1143000000000000	Siret-Bârlad	10		186	278		189.4	0.27	0.5	192		1.4	119.8		
9559	Romania	Comtom Tomesti	47	12	54	27	5	14	1144000000000000	Prut-Bahlui	10		11	11	5	1.9		0.01	2		0.02	1.2		
9562	Romania	Petrocart P.Neamt	46	55	53	26	20	56	1143000000000000	Siret-Bistrita	3		1468	135	42								32.3	
9584	Romania	Petrotab Roman	46	56	49	26	53	6	1143000000000000	Siret-Moldova	6		2846	61				4.8	5		0.19	93.9		
9585	Romania	Rafo Onesti	46	15	0	26	51	6	1143000000000000	Siret-Trotus	2		1046		12									
9586	Romania	Rulmentul Bârlad	46	14	36	27	41	62	1143000000000000	Siret-Bârlad	6		553	26	7	0.4	0.03	0.2	1		0.13	26.2		
9587	Romania	S.C.Cotnari	47	21	1	26	58	30	1144000000000000	Prut-Bahlui	1		208	412	211	5.4	0.11	0.1	6		0.1	54.1		
9599	Romania	Prodsuis Stanilesti	46	37	42	28	14	36	1144000000000000	Prut	10		55	266	60	6.4	0.035	0	7		0.6	8.7		
9600	Romania	Avicola Catamaresti	47	47	58	26	35	42	1144000000000000	Prut	10		49	35	11	1.7		0	2		0.2	1.5		



AV code																						Remarks															
	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol		NES	DIS	CIH	act-Cl	AOX										
8501																																					
8502																														Machine maintaning							
8503																														Diary factory							
8504																														Fodder plant							
8505																														Railway station							
8506																														wine production							
8507																														wine production							
8508																														wine production							
8509																														wine production							
8510																														wine production							
8511																														sugar plant							
8512																														sugar plant							
8513																														industrial wwtp is connected with municipal one							
9527	1156	856														0.195			20.5			88															
9528	416.7	219														0.221																					
9529	2396	1119														0.143																					
9530																																					
9531	713.4	293					6.7					73.6					7.6					23.7															
9532		547				1.3										0.418		1.42					50.6														
9533	4517	570				0.1	11.3			0.6		586.5				1.7		0.84	6.7				115														
9534		6					0.2												0.19				1.9														
9555		96																																			
9556		1526																																			
9557	121.8	821																																			
9558	41	1294					0.1																13.3														
9559		2																					2.4														
9562		106																																			
9584	152.5	73					0.4																2.8														
9585		22													0.87	0.02																					
9586		17					0.1			0.1													12														
9587	41.8	468					2.1									0.21		0.042	1.1				31.2														
9599		47																					3.4														
9600	4.3	18																					1.4														

Emission Inventory 2000  
Municipal Discharges

# Delta-Liman Sub-river Basin

AV Code	Country	Discharger/location	Latitude			Longitude			Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm <sup>3</sup> /a)
			deg	min	sec	deg	min	sec				K	M	B	N	P		
9003	Romania	Tulcea	45	11	42	28	49	21	1000000000000000	Danube	96	x					0	2960
12002	Ukraine	Izmail	45	20		28	50		1000000000000000	Danube	65		x	x			158	3874

AV Code	Total load discharged into receiving waters (t/a)					Final capacity (TPE)	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P		B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
9003	261	517	76	23.4	15	100							88	144	68	11	new WWTP, feasibility study
12002	8.4	244	5		26	158	May 2003		2005		3.54						

Emission Inventory 2000  
Industrial Discharges

# Delta-Liman Sub-river Basin

AV code	Country	Name of the plant/location	Latitude			Longitude			Rivercode	Main river	Sector	Raw water load (TPE)	Waste water volume discharged (Tm3/a)	Discharged pollutant loads in t/a								
			deg	min	sec	deg	min	sec						COD	BOD5	NH4-N	NO2-N	NO3-N	TOT-N	PO4-P	TOT-P	Cl
9536	Romania	Alum Tulcea	45	11	30	28	47	30	1000000000000000	Danube	7		9010	275	72	4.5	0.36	15.4	22			271.7
12504	Ukraine	Cardboard - Paper factory, Izmail	48	0		23	52		1000000000000000	Danube	3	4220	454	25	8	2						1

AV code	SO4	SS	Pb	Cr	Cd	Cu	Fe	Mn	Ni	Zn	As	Mg	Al	Hg	Oil	Phenols	Fluorides	Detergents	Sulfide	Formaldehyde	Methanol	NES	DIS	CIH	act-Cl	AOX	Remarks	
9536	1551.8	1008				0.4	0.7			1.3		263	18									1.3						
12504		11.6													0.4							613.9						