Emission Inventory 2000
Annex 1

Municipal and Industrial Discharges in the Danube River Basin by Countries

Emission Inventory 2000
Municipal Discharges

Austria

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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	Eisenstadt-Stadt	47	49	55	16	32	39	06 Pannonian Central Danube	110900401000000	Raab (T)	36		x	x	x	x	50	3114
1002	Wulkaprodersdorf	47	48	1	16	31	6	06 Pannonian Central Danube	110900401000000	Raab (T)	50		x	x	x	x	100	6658
1003	Neusiedl a.See							06 Pannonian Central Danube	110900401000000	Raab (T)								
1004	Deutschkreuz	47	35	42	16	38	30	06 Pannonian Central Danube	110900402000000	Raab (T)	13		x	x	x	x	65	1075
1005	Siget	47	15	14	16	16	44	06 Pannonian Central Danube	110900200000000	Raab (T)	29		x	x	x	x	40	2446
1006	Klagenfurt	46	36	20	14	20	9	07 Drava-Mura	111901003000000	Drau (T)	190		x	x		x	300	15068
1007	Feldkirchen	46	42	46	14	4	55	07 Drava-Mura	111901003000000	Drau (T)	30		x	x		x	50	1999
1008	Mittleres Lavantal	46	44	11	14	50	56	07 Drava-Mura	111901300000000	Drau (T)	95		x	x	x	x	120	12453
1009	Spittal a.d.Drau	46	46	47	13	31	11	07 Drava-Mura	111900000000000	Drau	75		x	x		x	110	5805
1010	St.Veit a.d.Glan	46	44	25	14	23	9	07 Drava-Mura	111901003000000	Drau (T)	45		x	x			50	2841
1011	Villach	46	36	47	13	52	44	07 Drava-Mura	111900000000000	Drau	110		x	x	x	x	200	12530
1012	Völkermarkt	46	38	27	14	39	17	07 Drava-Mura	111900000000000	Drau	18		x	x	x	x	46	1022
1013	Hermagor	46	36	48	13	29	3	07 Drava-Mura	111900800000000	Drau (T)	7		x	x	x	x	25	951
1014	Wörthersee-West/Velden	46	33	54	14	0	18	07 Drava-Mura	111900000000000	Drau	12		x	x	x	x	44	687
1015	Amstetten	48	6	35	14	53	45	03 Austrian Danube	108100000000000	Danube (T)	86		x	x	x	x	120	6640
1016	Baden	47	59	43	16	15	59	06 Pannonian Central Danube	110500000000000	Danube (T)	32		x	x		x	45	4030
1017	Trumau-Schönau	48	0	18	16	21	16	06 Pannonian Central Danube	110500000000000	Danube (T)	30		x	x	x	x	40	2062
1018	Bad Vöslau	47	58	10	16	14	41	06 Pannonian Central Danube	110500000000000	Danube (T)	73		x	x	x	x	95	6929
1019	Bruck/Leitha-Neusiedl/See	48	1	53	16	49	58	06 Pannonian Central Danube	110900600000000	Leitha	58		x	x	x	x	116	5883
1020	Groß-Enzersdorf	48	10	45	16	32	57	06 Pannonian Central Danube	100000000000000	Danube	54		x	x	x	x	144	1833
1021	Horn	48	39	47	15	39	56	03 Austrian Danube	109200000000000	Danube (T)	17		x	x		x	40	1235
1022	Korneuburg	48	20	8	16	19	57	03 Austrian Danube	100000000000000	Danube	49		x	x		x	40	2753
1023	Krems	48	24	7	15	39	44	03 Austrian Danube	100000000000000	Danube	94		x	x		x	184	5709
1024	Mödling	48	5	47	16	19	50	06 Pannonian Central Danube	110500000000000	Danube (T)	78		x	x	x	x	100	8379
1025	Oberes Schwarzatal	47	40	33	15	57	41	06 Pannonian Central Danube	110900601000000	Leitha (T)	26		x	x		x	40	4400
1026	Wieselburg	48	8	20	15	9	14	03 Austrian Danube	108300100000000	Danube (T)	31		x	x	x	x	65	1438
1027	Anzbach-Laabental	48	13	26	15	55	23	03 Austrian Danube	109900000000000	Danube (T)	23		x	x		x	40	3229
1028	Mittleres Pielach-S.u.Kr.Tal	48	12	43	15	29	58	03 Austrian Danube	108700000000000	Danube (T)	26		x	x		x	30	2592
1029	An der Traisen	48	21	51	15	45	58	03 Austrian Danube	100000000000000	Danube	94		x	x	x	x	180	17500
1030	Schwechat	48	8	6	16	32	35	06 Pannonian Central Danube	110500000000000	Danube (T)	107		x	x	x	x	270	7680
1031	Klosterneuburg	48	17	41	16	20	30	06 Pannonian Central Danube	100000000000000	Danube	27		x	x			48	1800
1032	Oberes Piestingtal	47	53	30	15	59	5	06 Pannonian Central Danube	110600100000000	Danube (T)	68		x	x	x	x	73	4556
1033	Wr.Neustadt Süd	47	50	5	16	16	41	06 Pannonian Central Danube	110900600000000	Leitha	82		x	x		x	230	11947
1034	Zwettl	48	36	48	15	11	9	03 Austrian Danube	109200000000000	Danube (T)	33		x	x		x	40	1260
1035	Wolfgangsee / Ischl	47	43	30	13	38	55	03 Austrian Danube	107200000000000	Traun	45		x	x	x	x	100	4503
1036	Trattnachtal	48	14	30	13	58	7	03 Austrian Danube	106900000000000	Danube (T)	32		x	x	x	x	65	5074
1037	Oberes Kremstal	48	0	22	14	7	8	03 Austrian Danube	109100000000000	Krems	29		x	x	x	x	43	2437
1038	Linz / Asten	48	14	13	14	24	42	03 Austrian Danube	100000000000000	Danube	476		x	x			800	73818
1039	Ried i.I. / Umgebung	48	13	31	13	28	51	02 Inn	106000000000000	Inn	28		x	x	x	x	80	4669
1040	Steyr	48	3	52	14	26	3	03 Austrian Danube	107400000000000	Enns	69		x	x	x		140	7265
1041	Ager West	48	0	58	13	44	51	03 Austrian Danube	107200000000000	Traun	45		x	x		x	67	4567
1042	Attersee	47	58	3	13	36	31	03 Austrian Danube	107200000000000	Traun	32		x	x		x	60	3806
1043	Vöckla-Redl	48	1	18	13	32	4	03 Austrian Danube	107200000000000	Traun	35		x	x	x	x	70	2788
1044	Welser Heide	48	10	57	14	8	20	03 Austrian Danube	107200000000000	Traun	116		x	x	x	x	200	9677
1045	Schwanenstadt	48	3	20	13	47	33	03 Austrian Danube	107200000000000	Traun	22		x	x	x	x	50	1349

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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											
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											
1015	20	166	21		1	120											
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											
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	
1024	27	134	32		4	100											
1025	13	75	31		2	40							13	75	31	2	
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											
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	
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	
1039	19	84	27	5	4	79.717											
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											

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
1046	Traunsee-Nord	47	56	30	13	48	10	03 Austrian Danube	107200000000000	Traun	58		x	x	x	x	96	4154
1047	Salzburg/Siggerw.	47	51	37	13	0	7	02 Inn	106000200000000	Salzach	541		x	x	x		620	28544
1048	Trumerseen	47	58	55	13	5	20	02 Inn	106000300000000	Inn (T)	14		x	x	x	x	40	1092
1049	Zell / See	47	17	2	12	47	32	02 Inn	106000200000000	Salzach	55		x	x			53	2653
1050	Saalbach	47	22	18	12	41	37	02 Inn	106000201000000	Salzach (T)	14		x	x	x		49	2472
1051	Saalfelden	47	27	50	12	49	35	02 Inn	106000201000000	Salzach (T)	40		x	x			50	2537
1052	Bischofshofen	47	19	20	13	10	34	02 Inn	106000200000000	Salzach	54		x	x			75	3745
1053	Graz	46	59	48	15	28	19	07 Drava-Mura	111901600000000	Mur	314		x	x			400	27050
1054	Feldbach	46	57	12	15	55	38	06 Pannonian Central Danube	110900000000000	Raab	19		x	x	x	x	45	1273
1055	Knittelfeld	47	13	19	14	50	40	07 Drava-Mura	111901600000000	Mur	46		x	x		x	50	2019
1056	Wagna-Leibnitz	46	45	53	15	34	14	07 Drava-Mura	111901600000000	Mur	22		x	x			40	2077
1057	Wildon	46	52	47	15	31	54	07 Drava-Mura	111901600000000	Mur	55		x	x		x	80	3206
1058	Leoben	47	23	16	15	6	27	07 Drava-Mura	111901600000000	Mur	63		x	x		x	100	4410
1059	Innsbruck	47	16	10	11	27	48	02 Inn	106000000000000	Inn	231		x	x	x	x	400	21603
1060	Imst	47	13	6	10	45	15	02 Inn	106000000000000	Inn	30		x	x	x	x	46	2849
1061	Zirl	47	15	54	11	17	15	02 Inn	106000000000000	Inn	33		x	x	x	x	45	2488
1062	Fritzens	47	18	23	11	36	41	02 Inn	106000000000000	Inn	56		x	x	x	x	94	6879
1063	Kitzbühel	47	27	58	12	23	1	02 Inn	106000101000000	Inn (T)	21		x	x	x	x	47	4268
1064	Kirchdorf i.T.	47	36	3	12	28	16	02 Inn	106000101000000	Inn (T)	29		x	x	x	x	70	2752
1065	Kirchbichl	47	32	12	12	6	33	02 Inn	106000000000000	Inn	46		x	x	x	x	90	6065
1066	Radfeld	47	27	41	11	55	60	02 Inn	106000000000000	Inn	21		x	x	x	x	40	2576
1067	Vils	47	33	19	10	39	33	01 Upper Danube	102700000000000	Lech	39		x	x	x	x	72	4107
1068	Schwaz	47	21	50	11	43	32	02 Inn	106000000000000	Inn	68		x	x	x	x	85	3324
1069	Strass i.Z.	47	24	26	11	50	13	02 Inn	106000000000000	Inn	103		x	x	x	x	167	9202
1070	Wien-Blumental	48	8	40	16	22	9	06 Pannonian Central Danube	110500100000000	Danube (T)	275		x	x	x	x	300	21516
1071	Wien-Simmering	48	10	24	16	28	4	06 Pannonian Central Danube	100000000000000	Danube	3210		x	x		x	3250	202395
1072	KA Piestingtaler AV	47	54	23	16	15	52	06 Pannonian Central Danube	110600100000000	Piesting	42		x	x	x	x	60	2616
1073	Kapfenberg/Mürz-IV	47	25	45	15	16	20	07 Drava-Mura	111901601000000	Mürz	39		x	x	x	x	49	2754
1074	Radstadt	47	23	16	13	29	50	03 Austrian Danube	104700000000000	Enns	50		x	x			60	2627
1075	Stams	47	17	12	10	59	18	02 Inn	106000000000000	Inn	12		x	x	x	x	41	1408
1076	Kufstein	47	36	17	12	11	11	02 Inn	106000000000000	Inn	34		x	x	x	x	50	3597
1077	Lech	47	13	12		9	12	01 Upper Danube	102700000000000	Lech	11		x	x		x	70	1548
1078	AWV Bezirk Jennersdorf neu	46	58	1	16	15	24	06 Pannonian Central Danube	110900500000000	Lafnitz	53		x	x	x	x	130	3528
1079	RHV Neusiedlersee-Westufer	47	51	32	16	39	0	06 Pannonian Central Danube	110900401000000	Wulka	43		x	x	x	x	61	2300

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
1046	33	93	22	11.3	2	96											
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	
1053	298	1407	893		114	500			2002	2002		37	298	1407	500	40	
1054	10	47	17		2	45											
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	
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											
1067	89	133	64		3	71.67											
1068	12	96	16		1	85											
1069	33	224	43		8	167											
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											
1073	19	96	34		3	49											
1074	25	95	75		12	63				2002			25	95	40	3	
1075	17	60	11		3	41											
1076	51	194	73		7	49.7											
1077	4	38	20		0	70							4	38	20	0	
1078	23	119	33		2	130											
1079	5	31	5		1	61											

Emission Inventory 2000
Industrial Discharges

Austria

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
1501	ÖCW Weißenstein/DEGUSSA							07 Drava-Mura	111900000000000	Drau	2			0	0						0
1502	Jungbunzlauer GmbH&CoKG	48	43	25	16	16	43	04 Morava	110801300000000	March (Morava)	1			3650	73	36.5		109.5	160	7.3	
1503	Lenzing AG (pulp)	47	58	50	13	37	23	03 Austrian Danube	107200100000000	Traun (T)	3	34	21706		36.5						1.9
1504	Steyrermühl AG (paper)	47	59	36	13	48	4	03 Austrian Danube	107200000000000	Traun	3	162	9534		44.2	2.5		2.2			1.5
1505	SCA Laakirchen (paper)	47	58	58	13	48	49	03 Austrian Danube	107200000000000	Traun	3	59	19547	452	21.9	0.4		6.4			2.117
1506	M.real AG Hallein	47	41	18	13	5	19	02 Inn	106000200000000	Salzach	3	395	15227	7209	2170	1.3					20
1507	Leykam Gratkorn	47	7	29	15	20	36	07 Drava-Mura	111901600000000	Mur	3	424	17989	11728	413.74				12.59		15.83
1508	Norske-Skog Bruck/Mur	47	24	40	15	15	18	07 Drava-Mura	111901600000000	Mur	3			855							
1509	Zellstoff Pöls (pulp)	47	13	4	14	35	46	07 Drava-Mura	111901600010000	Mur (T)	3	169	16739	4235	133.92				48.54		16.74
1510	BIOCHEMIE GmbH Kundl	47	28	8	11	59	5	02 Inn	106000000000000	Inn	2			1670	178	449			530		
1511	Boxmark-Jennersdorf	46	56	2	16	34	40	06 Pannonian Central Danube	110900401000000	Raab (T)	9	73	445	225	60				41		1
1512	Neusiedler AG Kematen	48	1	41	14	45	38	03 Austrian Danube	108100000000000	Danube (T)	3	133	3258	1576	81				5.5		2.4
1513	Agrana	48	21	45	14	0	49	03 Austrian Danube	100000000000000	Danube	1	79	669	73.3	10.1	3			20.5		6.4

AV code	Cl	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	Remarks
1501		0																									0	connected
1502							7.3																					
1503																												
1504																												
1505																												
1506			2219																								0.168	
1507																												
1508																												
1509																												
1510																												
1511																												
1512																												
1513																												

Emission Inventory 2000
Municipal Discharges

Bosnia-Herzegovina

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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	Sarajevo	43	48		18	25		08 Sava	112201500000000	Bosna/Sava	524	x						37843
2002	Zenica	44	13		17	54		08 Sava	112201500000000	Bosna/Sava	146	x						13285
2003	Doboj	44	45		18	5		08 Sava	112201500000000	Bosna/Sava	103	x						9357
2004	Tuzla	44	32		18	41		08 Sava	112201508010000	Jala/Spreca/	132	x						12032
2005	Prijedor	44	57		16	42		08 Sava	112201002000000	Sana/Una/Sava	113	x						10263
2006	Banja Luka	44	45		17	12		08 Sava	112201200000000	Vrbas/Sava	195	x						17808

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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												

Emission Inventory 2000
Industrial Discharges

Bosnia-Herzegovina

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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	KTK-Tannery-Sarajevo	43	48		18	25		08 Sava	112201500000000	Bosna/Sava	9				782							
2502	Iron work-Zenica	44	13		17	54		08 Sava	112201500000000	Bosna/Sava	6				509.2							
2503	Main Raspotocje-Zenica	44	13		17	54		08 Sava	112201500000000	Bosna/Sava	5											
2504	Main Stranjani-Zenica	44	13		17	54		08 Sava	112201500000000	Bosna/Sava	5				335.8							
2505	(Coal separation-Zenica)	44	13		17	54		08 Sava	112201500000000	Bosna/Sava	5											
2506	Steam power plant-Tuzla	44	32		18	41		08 Sava	112201508010100	Jala/Spreca/Bos	11				387							
2507	Pulp and paper industry-Maglaj	44	34		18	6		08 Sava	112201500000000	Bosna/Sava	3			513.3	246.3							
2508	Brewery -Sarajevo	43	48		18	25		08 Sava	112201500000000	Bosna /Sava	1		1135296		931							189
2509	Soda factory Lukavac	44	33		18	34		08 Sava	112201508010100	Spreca/Bosna	2		7568640		652							5404

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	ClH	act-Cl	AOX	Remarks
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																									

Emission Inventory 2000
Municipal Discharges

Bulgaria

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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	Sofia	42	46	52	23	22	20	12 Mizia-Dobrudzha	113200000000000	Iskar	894		x	x			1300	170273
3001	Sofia	42	46	52	23	22	20	12 Mizia-Dobrudzha	113200000000000	Iskar	337	x						64131
3002	Rousse	43	51	22	25	58	16	12 Mizia-Dobrudzha	100000000000000	Danube	183	x						29200
3003	Veliko Tarnovo	43	5	12	25	38	41	12 Mizia-Dobrudzha	113600000000000	Yantra	52		x	x			100	6307
3003	Veliko Tarnovo	43	5	12	25	38	41	12 Mizia-Dobrudzha	113600000000000	Yantra	73	x						8829
3004	Gorna Oriahowitza	43	7	37	25	42	0	12 Mizia-Dobrudzha	113600000000000	Yantra	85	x						8760
3005	Montana	43	24	49	23	14	13	12 Mizia-Dobrudzha	113100000000000	Ogosta	55	x						4915
3006	Pleven	43	24	59	24	37	51	12 Mizia-Dobrudzha	113300000000000	Vit	111		x	x			160	18177
3006	Pleven	43	24	59	24	37	51	12 Mizia-Dobrudzha	113300000000000	Vit	85	x						13870
3007	Dobrich	43	34	51	27	9	18	12 Mizia-Dobrudzha	114000000000000	Suha	152		x	x			173	17370
3008	Gabrovo	42	52	39	25	19	31	12 Mizia-Dobrudzha	113600000000000	Yantra	99		x	x			90	14235
3008	Gabrovo	42	52	39	25	19	31	12 Mizia-Dobrudzha	113600000000000	Yantra	22	x						3103
3009	Razgrad	43	32	3	26	31	44	12 Mizia-Dobrudzha	113800000000000	Russenski Lom	46		x	x			90	5065
3010	Troyan	42	53	36	24	43	27	12 Mizia-Dobrudzha	113500000000000	Osam	47	x						10293
3011	Vratza	43	12	24	23	33	36	12 Mizia-Dobrudzha	113100000000000	Ogosta	55		x	x			140	9461
3011	Vratza	43	12	24	23	33	36	12 Mizia-Dobrudzha	113100000000000	Ogosta	14	x						2446
3012	Samokov	42	20	32	23	34	20	12 Mizia-Dobrudzha	113200000000000	Iskar	59		x	x			60	12877
3012	Samokov	42	20	32	23	34	20	12 Mizia-Dobrudzha	113200000000000	Iskar	9	x						2008
3013	Lovech	43	8	35	24	43	12	12 Mizia-Dobrudzha	113500000000000	Osam	61	x						7404
3014	Svistov	43	37	25	25	19	25	12 Mizia-Dobrudzha	100000000000000	Danube	50	x						5512
3015	Sevlievo	43	1	47	25	6	51	12 Mizia-Dobrudzha	113600200000000	Rositza/Yantra	48	x						6917
3016	Silistra	44	7	20	27	15	57	12 Mizia-Dobrudzha	100000000000000	Danube	47	x						7610
3017	Cherven briag	42	53	36	24	43	27	12 Mizia-Dobrudzha	113200000000000	Iskar	20	x						3650
3018	Popovo	43	21	13	26	14	14	12 Mizia-Dobrudzha	113800000000000	Russenski Lom	23	x						2191
3019	Vidin	43	24	59	24	37	51	12 Mizia-Dobrudzha	100000000000000	Danube	72	x						14235
3020	Lom	43	49	35	23	15	5	12 Mizia-Dobrudzha	100000000000000	Danube	33	x						5840
3028	Levski	43	21	53	25	9	8	12 Mizia-Dobrudzha	113500000000000	Osam	10	x						1679
3029	Stragitza	43	14	4	25	58	18	12 Mizia-Dobrudzha	113600000000000	Yantra	6	x						1606
3030	Dulovo	43	49	48	27	9	11	12 Mizia-Dobrudzha	114000000000000	Suha	14	x						1522
3031	Isperih	43	43	19	26	50	26	12 Mizia-Dobrudzha	114000000000000	Suha	15	x						1606

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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

Bulgaria

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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	Sviloza/Svishtov (1)	43	37	25	25	19	25	12 Mizia-Dobrudzha	100000000000000	Danube	2			4433	2257				67		1	
3502	Zachar Bio/Russe (3)	43	51	22	25	58	16	12 Mizia-Dobrudzha	100000000000000	Danube	1			4210	2111				75		5	
3503	Bimas/Russe (3)	43	51	22	25	58	16	12 Mizia-Dobrudzha	100000000000000	Danube	2			239	145				12		2	
3504	Chlebna maja/Russe (1)	43	51	22	25	58	16	12 Mizia-Dobrudzha	100000000000000	Danube	1			668	334				21		3	
3505	Lesoplast/Trojan (1)	42	53	36	24	43	27	12 Mizia-Dobrudzha	113500000000000	Osam	11			1467	765				21		4	
3506	Velur/Lovetch (1)	43	8	35	24	43	12	12 Mizia-Dobrudzha	113500000000000	Osam	9			1162	766				273		6	
3507	Sugar Factory/G.Orjachovtza(3)	43	7	37	25	42	0	12 Mizia-Dobrudzha	113600000000000	Yantra	1			2182	1084				333		22	
3508	Sevko/Sevlievo (1)	43	1	47	25	6	51	12 Mizia-Dobrudzha	113600200000000	Rositza/Yantra	7			177	98.4							
3509	Kremikovtsi (3)	42	43	53	23	28	32	12 Mizia-Dobrudzha	113200100000000	Lesnovska/Iskar	6			259	126							
3510	Kraft Jacobs Suchard/Svoge (1)	42	57	31	23	21	13	12 Mizia-Dobrudzha	113200200000000	Iskretzka/Iskar	1			280	255				4.1		0.2	
3511	EKKO-ET/ Etropole (1)							12 Mizia-Dobrudzha	113200000000000	Iskar	9											
3512	Eliseina / Eliseina (3)							12 Mizia-Dobrudzha	113200000000000	Iskar	6											
3513	Chimko/Vratsa (1)	43	12	24	23	33	36	12 Mizia-Dobrudzha	113100100000000	Dabnika/Ogosta	4			174.1	84				242.3		3.6	
3514	Lovico/Suhindol (3)							12 Mizia-Dobrudzha	113600200000000	Rositza/Yantra	1											
3515	Antibiotic/Razgrad (2)							12 Mizia-Dobrudzha	113800100000000	Beli Lom/R.Lom	2											
3516	KOZM gara Iskar/Sofia (2)							12 Mizia-Dobrudzha	113200000000000	Iskar	7											
3517	Ledenika/Mezdra(3)	43	8	36	23	42	35	12 Mizia-Dobrudzha	113200000000000	Iskar	1			158.6	82.3							
3518	Sunytex/Mezdra(3)	43	8	36	23	42	35	12 Mizia-Dobrudzha	113200000000000	Iskar	8			25.1	18							
3519	ZMK/Nikopol(3)	43	41	59	24	53	47	12 Mizia-Dobrudzha	100000000000000	Danube	3			74	34				2			
3520	Prista/Russe(3)	43	51	22	25	58	16	12 Mizia-Dobrudzha	113800000000000	Russenski Lom	9			834	605				12		5	
3521	Lotos/Trjavna(3)	42	52	14	25	30	3	12 Mizia-Dobrudzha	113600000000000	Trevnenska/Yantra	8			353	164							

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	ClH	act-Cl	AOX	Remarks
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

Croatia

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
4001	Cakovec							07 Drava-Mura	111900000000000	Drava	85		x	x			85	6090
4002	Varazdin							07 Drava-Mura	111900000000000	Drava	200		x	x			200	9766
4003	Koprivnica							07 Drava-Mura	111900000000000	Drava	100		x				100	4462
4004	Virovitica							07 Drava-Mura	111900000000000	Drava	265		x	x			265	1352
4005	Belisce							07 Drava-Mura	111900000000000	Drava	220		x	x			220	970
4006	Osijek							07 Drava-Mura	111900000000000	Drava	800	x						7633
4007	Vukovar							06 Pannonian Central Danube	100000000000000	Danube	~ 100	x						1753
4008	Zagreb							08 Sava	112200000000000	Sava	1074	x						155373
4009	Sisak							08 Sava	112200000000000	Sava	53	x						3500
4010	Karlovac							08 Sava	112200700000000	Kupa	75	x						5000
4011	Slavonski Brod							08 Sava	112200000000000	Sava	60	x						4000
4012	Bjelovar							08 Sava	112200801010000	Cesma	75		x	x			100	3700

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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 blawer 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	
4007	239	695	54		30	100					84.1		66	438	263	44	
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 plaants 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	

Emission Inventory 2000
Industrial Discharges

Croatia

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
4501	"Podravka-Danica, Koprivnica							07 Drava-Mura	111900000000000	Drava	1		727	684	594				42		1.43	
4502	Farm "Senkovac" Slatina							07 Drava-Mura	111900000000000	Drava	1		1.2	22.023	1.84				0.018		0.035	
4503	Complex "Belisce", Belisce							07 Drava-Mura	111900000000000	Drava	3		1445.21	4774.53	2236.8				24.96			
4504	Sugar factory Osijek							07 Drava-Mura	111900000000000	Drava	1		831	879.56	451.45				4.076		1.807	
4505	Brewery Osijek							07 Drava-Mura	111900000000000	Drava	1		359	748.01	384.05				6.56		4.48	
4506	"Pliva" Savski Marof							08 Sava	112200000000000	Sava	2		501	1110.83	98.7	29.06						
4507	Farm Dubravica", Dubravica							08 Sava	112200000000000	Sava	10											
4508	"Petrokemija Kutina", Kutina							08 Sava	112200000000000	Sava	4		3409	186	60				190			
4509	Sugar factory "Zupanja", Zupanja							08 Sava	112200000000000	Sava	1		385	988	802							
4510	Brewery Karlovac							08 Sava	112200700000000	Kupa	1		504	705	259							
4511	Pik Vrbovec,Vrbovec							08 Sava	112200000000000	Sava	1		252	81	41							
4512	Steel industry Sisak,Sisak							08 Sava	112200000000000	Sava	6		243	7.8	3.5							
4513	"Pliva" Zagreb (*)							08 Sava	112200000000000	Sava	2		2258	2009.5	421.71	47			59.9			
4514	"Polimeri" Zagreb (*) DIOKI							08 Sava	112200000000000	Sava	2		3546	355	11.5							
4515	Zagreb brewery, Zagreb (*)							08 Sava	112200000000000	Sava	1		923	1328	1026	0.8						
4516	"Kras" Zagreb (*)							08 Sava	112200000000000	Sava	1		445	1101	121							
4517	Farm "Sljeme" Sesvete (*)							08 Sava	112200000000000	Sava	10											
4518	"Badel 1862", Zagreb (*)							08 Sava	112200000000000	Sava	1		110	187	18.8							
4519	"Zvijezda" Zagreb (*)							08 Sava	112200000000000	Sava	1		543	121	31.2							
4520	"Ledo" Zagreb (*)							08 Sava	112200000000000	Sava	1		149	94.1	33.6							
4521	"Dukat" Zagreb (*)							08 Sava	112200000000000	Sava	1		683	339	214							
4522	"Zagrepcanka" Zagreb (*)							08 Sava	112200000000000	Sava	1											
4523	IPK Osijek - vegetable oil factor							07 Drava-Mura	111900000000000	Drava	1		26.45	12.48	6.47							
4524	Gavrilovic - meet industry from P							08 Sava	112200700000000	Kupa	1		443	136	73.4							
4525	INA - Zagreb, Oil refinery in Sisak							08 Sava	112200000000000	Sava	2		1550	72	39							

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
4501																											
4502																											no/minor waste water discharging into the surface waters - stabilisation in lagunas and later use on agricultural land
4503																											
4504																											
4505																											
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 indstrial 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 indstrial discharge into Zagreb sewer system (pollution load has been included in the Zagreb municipal discharge)
4516		28																									Big indstrial 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
4523															3												
4524																											less than 1t/day BOD or 2t/day COD
4525																											less than 1t/day BOD or 2t/day COD

Emission Inventory 2000
Municipal Discharges

Czech Republic

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)	Total load discharged into receiving waters (t/a)				
		deg	min	sec	deg	min	sec					K	M	B	N	P			BOD	COD	N	NH4-N	P
5001	Brno							04 Morava	110801503000000	Svratka	337		x	x		x	450	33974	306	1063	1054	496	14
5002	Zlin							04 Morava	110801200000000	Drevnice	100		x	x	x	x	207	8585	29	292	129	25	23
5003	Olomouc							04 Morava	110800000000000	Morava	210		x	x	x		429	18263	124	789	321	60	29
5004	Prerov							04 Morava	110800700000000	Becva	80		x	x			96	5733	113	364	104	102	8
5005	Uherske Hradiste							04 Morava	110800000000000	Morava	60		x	x			73	2642	58	201	92	91	13
5006	Prostejov							04 Morava	110800800000000	Valova	120		x	x		x	120	6907	164	613	151	123	8
5007	Jihlava							04 Morava	110801503030000	Jihlava	65		x	x			100	4999	75	434	136	135	12
5008	Trebic							04 Morava	110801503030000	Jihlava	35		x	x			64	3102	82	276	94	91	10
5009	Znojmo							04 Morava	110801500000000	Dyje	70		x	x	x	x	90	3605	24	129	30	11	3
5010	Vsetin							04 Morava	110800700000000	Vsetinska Becva	41		x	x			60	4370	62	172	95	50	19
5011	Sumperk							04 Morava	110800200000000	Desna	40		x	x	x		93	5075	24	112	45	13	12
5012	Valasske Mezirici							04 Morava	110800700000000	Becva	40		x	x	x		64	3020	20	74	40	11	9
5013	Kromeriz							04 Morava	110800000000000	Morava	40		x	x		x	90	3642	85	329	137	120	6
5014	Hodonin							04 Morava	110800000000000	Morava	70		x	x			76	3544	66	184	78	29	8
5015	Breclav							04 Morava	110801500000000	Dyje	31		x	x			30	2751	33	255	60	33	10
5016	Vyskov							04 Morava	110800900000000	Hana	30		x	x			35	2726	22	92	38	29	13
5017	Blansko							04 Morava	110801503010000	Svitava	15		x	x			23	1348	16	69	34	26	7
5018	Hranice na Morave							04 Morava	110800400000000	Becva	15		x	x			22	2377	72	206	53	40	11
5019	Svitavy							04 Morava	110801303010100	Vendelsky brook	25		x	x	x		54	1693	13	54	19	2	5
5020	Zubri - Roznov							04 Morava	110800401000000	Roznovska Becva	35		x	x			36	3448	40	98	62	12	9
5021	Bystrice P. Host.							04 Morava	110801001000000	Bystricka	14		x	x	x		17	1624	10	50	11	3	3
5022	Dacice							04 Morava	110801501000000	Moravska Dyje	6		x	x			10	274	9	32	11	2	1
5023	Lanskroun							04 Morava	110800301000000	Ostrovsky brook	12		x	x			17	910	4	40	29	10	2
5024	Boskovice							04 Morava	110801503010200	Bela	10		x	x			12	712	7	23	10	4	3
5025	Letovice							04 Morava	110801503010000	Svitava	5		x	x	x		6	335	2	5	3	0	1
5026	Slapanice							04 Morava	110801503020300	Ricka	8												
5027	Zidlochovice							04 Morava	110801503000000	Svratka	5		x	x	x		7	122	1	5	1	0	1
5028	Mikulov							04 Morava	110801504000000	Mikulovka	12		x	x			20	963	12	40	19	11	2
5029	Brumov-Bylnice							05 Váh-Hron	111001202000000	Brumovka	8		x	x	x	x	10	553	1	15	11	1	1
5030	Napajedla							04 Morava	110800000000000	Morava	8		x	x	x		14	586	3	24	8	0	3
5031	Kyjov							04 Morava	110801505000000	Kyjovka	15		x	x	x		25	860	9	40	17	2	3
5032	Bucovice							04 Morava	110801503020000	Litava	6		x	x	x		7	359	3	12	5	2	3
5033	Velke Mezirici							04 Morava	110801503030100	Oslava	15		x	x	x		14	1555	8	87	9	2	5
5034	Unicov							04 Morava	110800501000000	Oskava	12		x	x			23	1029	18	41	25	21	1
5035	Zabreh na Morave							04 Morava	110800300000000	Moravska Sazava	30		x	x			35	2917	27	134	56	42	2
5036	Trest							04 Morava	110801503030100	Trestsky brook	6		x	x	x		7	326	33	75	1	0	2
5037	Sternberk							04 Morava	110800500000000	Sitka	15		x	x	x		25	1362	10	38	23	17	4
5038	Holesov							04 Morava	110801100000000	Rusava	27		x	x	x		37	1436	15	74	35	8	7
5039	Bzenec							04 Morava	110801400000000	Syrovinka	15		x	x			34	638	9	29	10	4	2
5040	Moravska Trebova							04 Morava	110800401000000	Kuncinsky potok	15		x	x	x	x	25	1654	8	69	25	3	4
5041	Litovel							04 Morava	110800000000000	Morava-nad Mlynskym potokem	20		x	x			25	1082	8	28	10	1	2
5042	Miroslav							04 Morava	110801502010000	Miroslavka	3		x	x	x		22	234	2	8	2	0	1
5043	Veseli nad Moravou							04 Morava	110800000000000	Morava	10		x	x			21	828	7	25	20	10	2

AV Code	Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
5001	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	207			1963	2001							
5003	429			1996	2001							
5004	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	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	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	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	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	90			1976	2000							
5010	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	93			1973	2000							
5012	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	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	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	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	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	23			1968								
5018	22		2000	1967								
5019	54			1995	1995							
5020	36			1979								
5021	17			1996	1999							
5022	10			1996	2001							
5023	17			1995								
5024	12			1977								
5025	6			1998	1999							
5026												wastewaters are pumped into WWTP Brno-Modrice since 1998
5027	7			1998	2000							
5028	20			1992								
5029	10			1996	1996							
5030	14			1997	1997							
5031	25			1995	1995							
5032	7			1996	1996							
5033	16			1995	1995							
5034	23			1967								
5035	35			1973								
5036	7			2000	2000							
5037	25			1969	1996							
5038	37			1994	1994							
5039	34			1993								
5040	25			1996	1996							
5041	25			1994								
5042	22			1996	1996							
5043	21			1992								

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)	Total load discharged into receiving waters (t/a)				
		deg	min	sec	deg	min	sec					K	M	B	N	P			BOD	COD	N	NH4-N	P
5044	Uhersky Brod							04 Morava	110801300000000	Olsava	20		x	x	x		21	1395	16	39	14	3	4
5045	Lipnik nad Becvou							04 Morava	110800400000000	Becva	15		x	x			19	1131	10	40	26	2	6
5046	Bystrice nad Pernstejnem							04 Morava	110801503000000	Bystrice	12		x	x			17	815	9	65	19	18	5
5047	Moravské Budejovice							04 Morava	110801503030200	Rokytna	8		x	x			16	711	3	18	11	1	3
5048	Kojetin							04 Morava	110800000000000	Morava	6		x	x			15	837	18	56	16	11	2
5049	Mohelnice							04 Morava	110800000000000	Mirovka	11		x	x			15	1544	10	50	32	4	7
5050	Policka							04 Morava	110801503000000	Bily potok	28		x	x			14	1358	14	46	14	1	4
5051	Ivancice							04 Morava	110801503030000	Jihlava	9		x	x	x		14	639	10	37	6	4	3
5052	Nove Mesto na Morave							04 Morava	110801503000000	Bobruvka	22		x	x	x		14	1202	7	71	12	3	5
5053	Tisnov							04 Morava	110801503000000	Svratka	10		x	x			12	840	13	40	23	11	3
5054	Hulin							04 Morava	110801100000000	Rusava	8		x	x			12	748	6	32	16	3	3
5055	Lednice							04 Morava	110801500000000	Dyje-nad Zameckou Dyji	6		x	x			11	237	12	37	6	5	1
5056	Luhacovice							04 Morava	110801301000000	Luhacovicky brook	8		x	x	x		11	1570	6	47	31	2	6
5057	Tetcice							04 Morava	110801503000000	Bobrava	6		x	x			10	748	10	37	19	14	3

AV Code	Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
5044	21			1994	1994							
5045	19			1979								
5046	17			1965								
5047	16			1994								
5048	15			1993								
5049	15			1983								
5050	28			1993								
5051	14			1994	1994							
5052	25			1995	1995							
5053	12			1969								
5054	12			1989								
5055	11			1995								
5056	11			1972	1996							
5057	10			1993								

Emission Inventory 2000
Industrial Discharges

Czech Republic

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
5501	JEDU - Dukovany							04 Morava	110801503030000	Skryjsky brook	11		17,459	621	25	1						1606
5502	Kozeluzny(SPECO) Otrokovice							04 Morava	110800000000000	Morava	9	61000	3,601	138		49					1	
5503	FOSFA-Breclav-Postorna							04 Morava	110801500000000	Dyje	2		215	12		0					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	ClH	act-Cl	AOX	Remarks
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 sorces
5503		2																					681				The WWTP do not come under relevant category of industry sorces

Emission Inventory 2000
Municipal Discharges

Germany

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
6001	Albstadt-Ebingen	9	3	8	48	12	1	01 Upper Danube	100600000000000	Schmiecha	140		x	x	x	x	150	14600
6002	Leutkirch	10	0	34	47	50	40	01 Upper Danube	102500100000000	Eschach	65		x	x	x	x	85	5248
6003	Warthausen	9	47	43	48	8	43	01 Upper Danube	102000000000000	Riss	62		x	x	x	x	78	7396
6004	Riedlingen	9	29	44	48	10	1	01 Upper Danube	100000000000000	Danube	57		x	x	x	x	60	6137
6005	Ehingen(Donau)	9	44	3	48	16	22	01 Upper Danube	100000000000000	Danube	30		x	x	x	x	52	4851
6006	Sigmaringen	9	13	43	48	4	40	01 Upper Danube	100000000000000	Danube	26		x	x	x	x	26	2294
6007	Laupheim	9	52	21	48	14	52	01 Upper Danube	102200000000000	Dürnach	30		x	x	x	x	35	3737
6008	Saulgau	9	29	15	48	1	41	01 Upper Danube	101300000000000	Schwarzach	26		x	x	x	x	32	2441
6009	Burladingen	9	8	49	48	17	18	01 Upper Danube	100800100000000	Fehla	22		x	x	x	x	28	2147
6010	Mengen	9	20	38	48	3	43	01 Upper Danube	100900000000000	Ablach	16		x	x	x	x	27	1607
6011	AZV Oberes Lauchtertal	9	12	59	48	16	50	01 Upper Danube	100800000000000	Lauchert	21		x	x	x	x	25	3500
6012	Rottenacker	10	1	11	48	14	5	01 Upper Danube	100000000000000	Danube	18		x	x	x	x	25	2617
6013	Donaueschingen	8	31	28	47	57	8	01 Upper Danube	100000000000000	Danube	120		x	x	x	x	148	9052
6014	St Georgen	8	23	14	48	7	25	01 Upper Danube	100100000000000	Brigach	22		x	x	x	x	26	2961
6015	Tuttlingen	8	50	27	48	0	12	01 Upper Danube	100000000000000	Danube	37		x	x	x	x	57	4387
6016	Villingen	8	28	8	48	2	26	01 Upper Danube	100100000000000	Brigach	90		x	x	x	x	105	8371
6017	ZV Obere Iller Sitz Sonthofen	10	15	59	47	36	1	01 Upper Danube	102500000000000	Iller	72		x	x	x	x	150	9193
6018	ZV Gruppenklaerwerk Kempten Sitz Lauben	10	17	17	47	46	49	01 Upper Danube	102500000000000	Iller	122		x	x	x	x	250	10516
6019	Memmingen	10	8	42	48	3	14	01 Upper Danube	102500000000000	Iller	121		x	x		x	275	14778
6020	Voehringen	10	4	5	48	17	18	01 Upper Danube	102500000000000	Iller	25		x	x		x	25	1190
6021	ZV Mittleres Illertal Sitz Illertissen	10	4	36	48	15	5	01 Upper Danube	102500000000000	Iller	62		x	x	x	x	100	2353
6022	ZV Neu-Ulm/Ulm Ka.Steinhaeule Sitz Neu Ulm	10	1	57	48	25	32	01 Upper Danube	102500000000000	Iller	369		x	x	x	x	328	26685
6023	Elchingen	10	5	42	48	26	46	01 Upper Danube	102500000000000	Iller	15		x	x	x	x	28	663
6024	Weissenhorn	10	8	49	48	19	20	01 Upper Danube	102500000000000	Iller	13		x	x	x	x	20	797
6025	ZV Ottobeuren-Hawangen Sitz Hawangen	10	17	14	47	58	38	01 Upper Danube	102500000000000	Iller	11		x	x		x	25	1497
6026	ZV Unteres Guenztal Sitz Ichenhausen	10	16	49	48	24	60	01 Upper Danube	102500000000000	Iller	19		x	x	x	x	28	1357
6027	Guenzburg	10	17	20	48	27	54	01 Upper Danube	102500000000000	Iller	56		x	x	x	x	110	2943
6028	Mindelheim	10	29	8	48	3	56	01 Upper Danube	100000000000000	Danube	19		x	x	x	x	68	1099
6029	Bad Woerishofen	10	35	54	48	2	31	01 Upper Danube	100000000000000	Danube	29		x	x	x	x	43	1904
6030	ZV Mindel-Gruppe Sitz Thannhausen	10	27	43	48	17	41	01 Upper Danube	100000000000000	Danube	11		x	x	x	x	50	1156
6031	Krumbach	10	21	22	48	16	39	01 Upper Danube	100000000000000	Danube	16		x	x	x	x	30	2631
6032	ZV Mindel-Kammel Sitz Offingen	10	23	1	48	29	26	01 Upper Danube	100000000000000	Danube	19		x	x		x	24	1749
6033	Gundelfingen	10	23	21	48	33	8	01 Upper Danube	100000000000000	Danube	9		x	x		x	25	757
6034	Lauingen	10	27	7	48	34	11	01 Upper Danube	100000000000000	Danube	29		x	x	x	x	30	1230
6035	Dillingen / Donau	10	30	43	48	34	21	01 Upper Danube	100000000000000	Danube	20		x	x	x	x	45	1448
6036	Dinkelsbuehl	10	20	8	49	3	34	01 Upper Danube	100000000000000	Danube	16		x	x		x	66	1002
6037	Feuchtwangen	10	20	24	49	9	15	01 Upper Danube	100000000000000	Danube	8		x	x		x	25	728
6038	Oettingen/Bay	10	36	32	48	56	34	01 Upper Danube	100000000000000	Danube	7		x	x		x	30	530
6039	Noerdlingen	10	30	49	48	52	28	01 Upper Danube	100000000000000	Danube	48		x	x	x	x	67	1813
6040	Donauwoerth	10	47	50	48	42	43	01 Upper Danube	100000000000000	Danube	26		x	x	x	x	72	1664
6041	Wertingen	10	42	6	48	34	18	01 Upper Danube	100000000000000	Danube	7		x	x	x	x	24	603
6042	ZV Schmuttertal Sitz Hirblingen	10	49	36	48	26	24	01 Upper Danube	100000000000000	Danube	46		x	x	x	x	50	3283
6043	ZV Fuessen Sitz Fuessen	10	42	47	47	35	57	01 Upper Danube	102700000000000	Lech	35		x	x	x	x	70	2041
6044	Schongau	10	55	5	47	49	1	01 Upper Danube	102700000000000	Lech	25		x	x		x	80	1869
6045	Peiting	10	55	57	47	49	25	01 Upper Danube	102700000000000	Lech	20		x	x	x	x	35	1200
6046	Landsberg/Lech	10	52	34	48	4	3	01 Upper Danube	102700000000000	Lech	45		x	x		x	71	2583

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	
6046	32	169	87		3	71		2003		2003			15	102	29	2	

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
6047	ZV Lechfeldgemeinden Sitz Klosterlechfeld	10	53	47	48	13	11	01 Upper Danube	102700000000000	Lech	27		x	x	x	x	26	747
6048	Marktoberdorf	10	37	13	47	47	50	01 Upper Danube	102700000000000	Lech	30		x	x	x	x	55	3141
6049	Kaufbeuren	10	36	59	47	54	12	01 Upper Danube	102700000000000	Lech	43		x	x		x	119	7202
6050	Tuerkheim-Vg	10	39	25	48	4	50	01 Upper Danube	102700000000000	Lech	13		x	x		x	22	520
6051	Buchloe	10	43	20	48	2	43	01 Upper Danube	102700000000000	Lech	18		x	x	x	x	100	2291
6052	Schwabmuenchen	10	43	48	48	12	10	01 Upper Danube	102700000000000	Lech	16		x	x	x	x	25	1173
6053	Bobingen	10	49	49	48	17	16	01 Upper Danube	102700000000000	Lech	16		x	x	x	x	40	1554
6054	Augsburg	10	53	19	48	24	49	01 Upper Danube	102700000000000	Lech	467		x	x	x	x	600	65137
6055	Gersthofen	10	52	54	48	27	37	01 Upper Danube	102700000000000	Lech	20		x	x	x	x	45	1842
6056	Rain/Lech	10	55	28	48	42	0	01 Upper Danube	100000000000000	Danube	11		x	x	x	x	24	495
6057	Neuburg/Donau	11	12	33	48	44	20	01 Upper Danube	100000000000000	Danube	33		x	x	x	x	68	2281
6058	ZV Zentralklaeranlage Ingolstadt	11	29	33	48	45	44	01 Upper Danube	100000000000000	Danube	0		x	x	x	x	235	14972
6059	Friedberg-Paar	11	2	30	48	22	15	01 Upper Danube	100000000000000	Danube	12		x	x	x	x	21	529
6060	Aichach	11	8	2	48	28	25	01 Upper Danube	100000000000000	Danube	25		x	x	x	x	30	1420
6061	Schrobenhausen	11	16	42	48	34	28	01 Upper Danube	100000000000000	Danube	31		x	x	x	x	56	2332
6062	Manching	11	30	4	48	43	26	01 Upper Danube	100000000000000	Danube	40		x	x	x	x	41	2118
6063	Mainburg	11	47	31	48	39	29	01 Upper Danube	100000000000000	Danube	14		x	x		x	35	1011
6064	Abensberg	11	49	54	48	49	12	01 Upper Danube	100000000000000	Danube	14		x	x	x	x	25	863
6065	ZV Oberes Ilmtal Sitz Reichertshausen	11	30	18	48	28	27	01 Upper Danube	100000000000000	Danube	10		x	x	x	x	20	1228
6066	Pfaffenhofen/Ilm	11	30	57	48	32	39	01 Upper Danube	100000000000000	Danube	53		x	x	x	x	108	3607
6067	Leutershausen	10	25	25	49	17	29	01 Upper Danube	103600000000000	Altmühl	12		x	x		x	30	718
6068	Gunzenhausen	10	45	33	49	6	18	01 Upper Danube	103600000000000	Altmühl	30		x	x	x	x	27	2020
6069	Treuchtlingen	10	54	45	48	57	1	01 Upper Danube	103600000000000	Altmühl	35		x	x	x	x	45	1449
6070	Eichstaett	11	13	5	48	52	50	01 Upper Danube	103600000000000	Altmühl	20		x	x		x	30	516
6071	Freystadt	11	20	4	49	11	33	01 Upper Danube	103600000000000	Altmühl	5		x	x	x		25	587
6072	ZV Im Raume Kelheim Sitz Kelheim	11	55	56	48	54	34	01 Upper Danube	100000000000000	Danube	35		x	x	x	x	70	1318
6073	Tirschenreuth	12	18	41	49	53	1	01 Upper Danube	103800000000000	Naab	20		x	x	x	x	30	788
6074	ZV Altenstadt-Neustadt Sitz Neustadt	12	10	19	49	42	47	01 Upper Danube	103800000000000	Naab	14		x	x	x	x	35	1187
6075	Weiden	12	9	43	49	39	46	01 Upper Danube	103800000000000	Naab	75		x	x	x	x	120	4383
6076	Kemnath	11	53	26	49	51	8	01 Upper Danube	103800000000000	Naab	29		x	x	x	x	50	1183
6077	Grafenwoehr	11	55	58	49	42	35	01 Upper Danube	103800000000000	Naab	15		x	x	x	x	52	971
6078	Neunburg/Wald	12	22	2	49	21	35	01 Upper Danube	103800000000000	Naab	11		x	x		x	38	661
6079	ZV Schwandorf-Wackersdorf Sitz Schwandorf	12	6	39	49	18	12	01 Upper Danube	103800000000000	Naab	51		x	x	x	x	110	2257
6080	ZV Maxhuette-Haidhof Sitz Teublitz	12	3	47	49	13	11	01 Upper Danube	103800000000000	Naab	13		x	x	x	x	22	1038
6081	Sulzbach-Rosenberg	11	47	22	49	29	38	01 Upper Danube	103800000000000	Naab	30		x	x	x	x	45	3499
6082	ZV Amberg-Kuemmersbruck Sitz Amberg	11	54	54	49	22	49	01 Upper Danube	103800000000000	Naab	90		x	x	x	x	170	6272
6083	Schwarzenfeld	12	7	6	49	22	14	01 Upper Danube	103800000000000	Naab	16		x	x	x	x	20	659
6084	Regen	13	6	24	48	58	13	01 Upper Danube	103900000000000	Regen	18		x	x	x	x	50	1867
6085	Zwiesel	13	12	1	49	0	28	01 Upper Danube	103900000000000	Regen	16		x	x	x	x	29	1863
6086	Teisnach	12	59	45	49	2	37	01 Upper Danube	103900000000000	Regen	14		x	x	x	x	26	1188
6087	Viechtach	12	53	34	49	5	6	01 Upper Danube	103900000000000	Regen	17		x	x	x	x	30	871
6088	ZV Lamer Winkel Sitz Lam	12	59	25	49	12	12	01 Upper Danube	103900000000000	Regen	12		x	x	x	x	25	1734
6089	Koetzting	12	50	12	49	10	5	01 Upper Danube	103900000000000	Regen	10		x	x	x	x	20	609
6090	Furth/Wald	12	50	10	49	18	12	01 Upper Danube	103900000000000	Regen	9		x	x		x	60	1144
6091	Cham	12	38	48	49	13	30	01 Upper Danube	103900000000000	Regen	25		x	x	x	x	65	1828
6092	Roding	12	30	8	49	11	38	01 Upper Danube	103900000000000	Regen	9		x	x	x	x	25	514

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	Discharger/location	Latitude			Longitude			Riverbasin	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	ZV Sulzbachtal Sitz Nittenau	12	15	41	49	12	12	01 Upper Danube	103900000000000	Regen	14		x	x	x	x	43	1210
6094	Regensburg	12	11	10	49	0	26	01 Upper Danube	100000000000000	Danube	240		x	x	x	x	400	19711
6095	Pfeffenhausen	11	58	29	48	40	18	01 Upper Danube	100000000000000	Danube	12		x	x	x	x	22	673
6096	Rottenburg/Laaber	12	0	59	48	42	52	01 Upper Danube	100000000000000	Danube	18		x	x	x	x	35	975
6097	Bogen	12	42	51	48	53	46	01 Upper Danube	100000000000000	Danube	18		x	x		x	50	917
6098	Straubing	12	37	35	48	54	7	01 Upper Danube	100000000000000	Danube	113		x	x		x	200	7339
6099	Mittenwald	11	16	50	47	28	13	01 Upper Danube	105300000000000	Isar	15		x	x	x	x	30	1286
6100	Bad Toelz	11	32	37	47	46	45	01 Upper Danube	105300000000000	Isar	45		x	x		x	82	4251
6101	Garmisch-Partenkirchen	11	5	59	47	30	39	01 Upper Danube	105300000000000	Isar	50		x	x		x	74	3057
6102	Murnau/Staffelsee	11	13	30	47	40	6	01 Upper Danube	105300000000000	Isar	20		x	x	x	x	50	1538
6103	Penzberg	11	24	3	47	45	24	01 Upper Danube	105300000000000	Isar	27		x	x	x	x	26	2026
6104	ZV Isar-Loisachgruppe Sitz Geretsried	11	25	50	47	55	38	01 Upper Danube	105300000000000	Isar	60		x	x	x	x	100	3585
6105	Muenchen I	11	37	51	48	12	35	01 Upper Danube	105300000000000	Isar	1085		x	x		x	1950	97800
6106	Unterfoehring	11	39	47	48	12	4	01 Upper Danube	105300000000000	Isar	18		x	x	x	x	26	414
6107	Ismaning	11	40	28	48	14	16	01 Upper Danube	105300000000000	Isar	20		x	x	x	x	32	1491
6108	Garching/Muenchen	11	41	1	48	16	12	01 Upper Danube	105300000000000	Isar	23		x	x		x	25	1476
6109	Muenchen II - Gut Marienhof	11	41	24	48	17	35	01 Upper Danube	105300000000000	Isar	606		x	x	x	x	1000	52857
6110	Oberschleissheim	11	32	35	48	15	41	01 Upper Danube	105300000000000	Isar	18		x	x	x	x	30	1476
6111	ZV Unterschl.Eching Neufahrn S. Hollern	11	41	57	48	19	31	01 Upper Danube	105300000000000	Isar	64		x	x	x	x	100	3168
6112	Freising	11	45	44	48	24	20	01 Upper Danube	105300000000000	Isar	76		x	x	x	x	110	4665
6113	ZV Muenchen Ost Sitz Poing	11	49	10	48	13	34	01 Upper Danube	105300000000000	Isar	95		x	x	x	x	110	4524
6114	ZV Erdinger Moos Sitz Erding	11	53	41	48	22	27	01 Upper Danube	105300000000000	Isar	113		x	x	x	x	320	6996
6115	Moosburg/Isar	11	56	57	48	29	23	01 Upper Danube	105300000000000	Isar	31		x	x	x	x	40	1894
6116	Peissenberg	11	4	51	47	47	6	01 Upper Danube	105300000000000	Isar	14		x	x		x	25	1195
6117	Weilheim/Ob	11	8	41	47	51	14	01 Upper Danube	105300000000000	Isar	25		x	x	x	x	25	1515
6118	ZV Ammersee-Ost-West Sitz Eching/Ammerse	11	7	29	48	4	53	01 Upper Danube	105300000000000	Isar	70		x	x	x	x	90	3867
6119	Fuerstenfeldbruck	11	18	16	48	11	13	01 Upper Danube	105300000000000	Isar	58		x	x	x	x	100	2920
6120	ZV Amper-Gruppe Sitz Eichenau	11	21	43	48	14	5	01 Upper Danube	105300000000000	Isar	200		x	x	x	x	240	11335
6121	ZV Starnberger See Sitz Starnberg	11	21	28	48	0	57	01 Upper Danube	105300000000000	Isar	60		x	x	x	x	108	7457
6122	Dachau	11	28	15	48	16	53	01 Upper Danube	105300000000000	Isar	42		x	x	x	x	95	5436
6123	Karlsfeld	11	28	54	48	14	55	01 Upper Danube	105300000000000	Isar	24		x	x	x	x	25	2117
6124	Landau/Isar	12	42	26	48	40	43	01 Upper Danube	105300000000000	Isar	15		x	x	x	x	40	1556
6125	Landshut	12	14	21	48	35	11	01 Upper Danube	105300000000000	Isar	79		x	x	x	x	260	12357
6126	Dingolfing	12	30	27	48	38	15	01 Upper Danube	105300000000000	Isar	57		x	x	x	x	90	3113
6127	Plattling	12	53	19	48	46	38	01 Upper Danube	105300000000000	Isar	20		x	x	x	x	65	2887
6128	ZV Hengersberg Sitz Hengersberg	13	1	52	48	45	32	01 Upper Danube	100000000000000	Danube	18		x	x		x	24	1148
6129	Deggendorf	12	58	23	48	48	46	01 Upper Danube	100000000000000	Danube	50		x	x	x	x	55	3671
6130	Vilsbiburg	12	22	39	48	27	54	01 Upper Danube	100000000000000	Danube	10		x	x	x	x	28	670
6131	ZV Mittleres Vilstal Sitz Reisbach	12	37	42	48	34	49	01 Upper Danube	100000000000000	Danube	17		x	x	x	x	25	1278
6132	Arnstorf	12	49	19	48	34	7	01 Upper Danube	100000000000000	Danube	14		x	x	x	x	20	417
6133	Rossbach	12	56	28	48	36	8	01 Upper Danube	100000000000000	Danube	5		x	x	x	x	30	151
6134	Vilshofen	13	12	14	48	37	42	01 Upper Danube	100000000000000	Danube	27		x	x	x	x	37	934
6135	Freyung	13	32	21	48	48	39	01 Upper Danube	100000000000000	Danube	9		x	x	x	x	44	600
6136	Hutthurm	13	27	8	48	41	17	01 Upper Danube	100000000000000	Danube	12		x	x	x	x	24	443
6137	Kiefersfelden	12	12	3	47	36	28	02 Inn	106000000000000	Inn	10		x	x	x	x	20	789
6138	ZV Brannenburg-Flintsbach Sitz Brannenburg	12	7	19	47	44	33	02 Inn	106000000000000	Inn	11		x	x	x	x	29	617

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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	
6137	4	17	8		1	20							4	29	8	1	
6138	2	18	11		0	29							6	41	12	1	

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
6139	Raubling	12	7	37	47	48	43	02 Inn	106000000000000	Inn	17		x	x		x	34	674
6140	ZV Bockau Simssee-Prien-Achental	12	9	30	47	50	27	02 Inn	106000000000000	Inn	39		x	x	x	x	80	2531
6141	ZV Reinhaltung Des Chiemsee S. Prien	12	17	5	47	51	40	02 Inn	106000000000000	Inn	42		x	x	x	x	90	4030
6142	ZV Tegernsee Sitz Bad Wiessee	11	45	33	47	45	56	02 Inn	106000000000000	Inn	56		x	x	x	x	60	4377
6143	ZV Schlierachtal Sitz Schliersee	11	49	35	47	48	14	02 Inn	106000000000000	Inn	24		x	x	x	x	80	2399
6144	Holzkirchen	11	44	38	47	54	33	02 Inn	106000000000000	Inn	21		x	x	x	x	50	1200
6145	Feldkirchen-Westerham	11	51	58	47	53	35	02 Inn	106000000000000	Inn	14		x	x		x	23	537
6146	Markt Bruckmuehl	11	58	18	47	52	4	02 Inn	106000000000000	Inn	22		x	x	x	x	25	866
6147	Bad Aibling	12	1	39	47	51	3	02 Inn	106000000000000	Inn	21		x	x		x	60	1577
6148	Bad Feilnbach	12	1	2	47	47	48	02 Inn	106000000000000	Inn	6		x	x	x	x	20	447
6149	Rosenheim	12	7	53	47	52	38	02 Inn	106000000000000	Inn	212		x	x		x	350	8164
6150	Grafing/Muenchen	11	58	36	48	2	18	02 Inn	106000000000000	Inn	9		x	x		x	45	1812
6151	Ebersberg	11	59	22	48	4	46	02 Inn	106000000000000	Inn	9		x	x		x	25	936
6152	Wasserburg/Inn	12	13	10	48	4	20	02 Inn	106000000000000	Inn	17		x	x	x	x	50	1919
6153	Haag/Ob	12	12	2	48	8	49	02 Inn	106000000000000	Inn	17		x	x		x	30	592
6154	Muehldorf	12	32	45	48	14	18	02 Inn	106000000000000	Inn	18		x	x	x	x	30	1292
6155	Waldkraiburg	12	25	21	48	12	13	02 Inn	106000000000000	Inn	45		x	x		x	80	1811
6156	Altoetting-Neuoetting	12	42	18	48	15	24	02 Inn	106000000000000	Inn	44		x	x		x	40	2900
6157	ZV Achental Sitz Grassau	12	29	14	47	47	39	02 Inn	106000000000000	Inn	22		x	x	x	x	25	1272
6158	Traunstein	12	38	25	47	53	15	02 Inn	106000000000000	Inn	70		x	x	x	x	92	3301
6159	Traunreut	12	35	21	47	57	13	02 Inn	106000000000000	Inn	20		x	x	x	x	30	1024
6160	Trostberg	12	34	15	48	2	31	02 Inn	106000000000000	Inn	14		x	x	x	x	25	570
6161	Garching/Alz	12	37	1	48	8	18	02 Inn	106000000000000	Inn	15		x	x		x	21	354
6162	Berchtesgaden	13	2	13	47	38	56	02 Inn	106000000000000	Inn	35		x	x	x	x	60	2966
6163	Bad Reichenhall	12	55	35	47	45	54	02 Inn	106000000000000	Inn	30		x	x	x	x	90	2143
6164	Freilassing	12	59	28	47	50	38	02 Inn	106000000000000	Inn	22		x	x	x	x	28	1525
6165	Waging/See	12	49	57	47	55	44	02 Inn	106000000000000	Inn	22		x	x	x	x	33	778
6166	Simbach/Inn	13	2	18	48	16	3	02 Inn	106000000000000	Inn	16		x	x		x	20	1812
6167	ZV Bad Fuessing Sitz Bad Fuessing	13	20	35	48	20	40	02 Inn	106000000000000	Inn	68		x	x	x	x	60	3107
6168	Eggenfelden	12	46	46	48	24	18	02 Inn	106000000000000	Inn	26		x	x	x	x	27	1270
6169	Pfarrkirchen	12	57	59	48	25	56	02 Inn	106000000000000	Inn	60		x	x	x	x	90	1866
6170	Griesbach /Rottal	13	13	25	48	24	51	02 Inn	106000000000000	Inn	28		x	x	x	x	25	1390
6171	Passau	13	30	0	48	34	33	01 Upper Danube	100000000000000	Danube	89		x	x		x	100	5612

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	
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	
6171	73	439	203		6	100		2002		2004		9.78	20	143	41	3	

Emission Inventory 2000
Industrial Discharges

Germany

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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	SO4
6501	Sappi Ehingen	9	43	41	48	16	16	01 Upper Danube	100000000000000	Danube	3			2645	44	2.6	0.2	24.2	27		3.5		
6502	Infraserv Gendorf	12	44	19	48	10	46	02 Inn	106000000000000	Inn	2			380					25		4.1		
6503	Wacker Chemie GmbH	12	51	27	48	11	11	02 Inn	106000000000000	Inn	2			1770					380		15		
6504	Faserwerk Kehlheim GmbH	11	54	21	48	54	31	01 Upper Danube	100000000000000	Danube	2			850	140				77		2.1		
6505	Nitrochemie Aschau GmbH	12	22	4	48	11	2	02 Inn	106000000000000	Inn	2			850					260		45		
6506	MD Papier Plattling	12	52	13	48	48	2	01 Upper Danube	105300000000000	Isar	3			700					13		5.5		
6507	Haindl Papier Schongau	10	54	24	47	48	30	01 Upper Danube	102700000000000	Lech	3			1970	67				7		1.6		
6508	Gebr. Lang AG Ettringen	10	39	34	48	7	1	01 Upper Danube	102700000000000	Lech	3			860	90				5		2.1		
6509	Nuclear power plant Gundremmingen	10	24	10	48	30	38	01 Upper Danube	100000000000000	Danube	11			500					2		5		

AV code	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	Remarks
6501																									0.28	actual effluent loads on the basis of BAT implemented
6502																									3.2	actual effluent loads on the basis of BAT implemented (change of name: Infraserv Gendorf)
6503																									12	actual effluent loads on the basis of BAT implemented
6504																									1.3	actual effluent loads on the base of BAT partially implemented
6505																									2	actual effluent loads on the basis of BAT 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

Hungary

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
7001	Budapest south	47	29	7	19	6	13	06 Pannonian Central Danube	100000000000000	Danube	282		x	x	x	x	293	21237
7002	Budapest north	47	29	7	19	6	13	06 Pannonian Central Danube	100000000000000	Danube	566		x	x			508	43095
7003	Budapest	47	29	7	19	6	13	06 Pannonian Central Danube	100000000000000	Danube	2371	x					0	110000
7004	Szeged	46	12	35	20	8	4	09 Tisa	112100000000000	Tisza	268		x				200	14592
7005	Miskolc	48	5	5	20	51	23	09 Tisa	112101500000000	Tisza, Sajó	223		x	x			300	18000
7006	Gyor	47	43	37	17	41	23	06 Pannonian Central Danube	100000000000000	Danube	212		x	x			150	14228
7007	Szolnok	47	8	42	20	10	26	09 Tisa	112100000000000	Tisza	73		x	x	x	x	117	6992
7008	Pécs	46	3	14	18	9	13	07 Drava-Mura	111900000000000	Dráva	111		x	x		x	340	8125
7009	Zalaegerszeg	46	51	12	16	51	30	06 Pannonian Central Danube	111600100000000	Zala	135		x	x	x	x	223	4470
7010	Nagykanizsa	46	26	0	16	58	58	07 Drava-Mura	111901601000000	Dencsar canal	64		x	x	x	x	281	6550
7011	Szombathely	47	13	22	16	38	14	06 Pannonian Central Danube	110900301000000	Sorok-Perint, Ráb	128		x	x	x	x	262	9700
7012	Nyíregyháza	47	57	10	21	41	7	09 Tisa	112100000000000	Tisza	45		x	x			55	3821
7013	Debrecen	47	22	42	21	52	27	09 Tisa	112101807000000	Kösely/Tisza	183		x	x			300	18000
7014	Békéscsaba	46	42	5	21	5	54	09 Tisa	112101804000000	Kettos-Körös/Tisza	84		x	x			224	5440
7015	Székesfehérvár	47	12	9	18	23	43	06 Pannonian Central Danube	100000000000000	Danube	141		x	x			277	8140
7016	Tatabánya	47	35	44	18	22	56	06 Pannonian Central Danube	111100000000000	Altaler Creek	72		x	x	x	x	110	4741
7018	Kecskemét	46	53	35	19	43	4	09 Tisa	112101900000000	Csukás Ch.	203		x	x			240	7680
7019	Dunaújváros	46	57	46	18	55	55	06 Pannonian Central Danube	100000000000000	Danube	56		x				60	2763
7020	Vác	47	46	59	19	7	58	06 Pannonian Central Danube	100000000000000	Danube	29		x	x			66	3600
7023	Eger	47	52	8	20	23	56	09 Tisa	112101600000000	Eger Creek	49		x	x			83	5227
7024	Békéscsaba																	
7027	Hódmezovásárhely	46	24	28	20	19	47	09 Tisa	112102000000000	Hódtó-Kistisza	25		x	x			62	3190
7029	Sopron	47	38	45	16	37	18	06 Pannonian Central Danube	110900402000000	Ikva Creek	52		x	x			50	5628
7030	Kaposvár	46	21	26	17	49	16	06 Pannonian Central Danube	111600400000000	Kapos Creek	145		x	x			9	3700
7038	Szekszárd	46	20	52	18	42	43	06 Pannonian Central Danube	111600000000000	Sió	69		x	x			45	2340
7039	Salgótarján	48	5	18	19	47	42	09 Tisa	112101701000000	Tarján Creek	39		x	x			70.5	3433
7040	Veszprém	47	5	42	17	53	49	06 Pannonian Central Danube	111600501000000	Vesprémi Séd.	172		x	x			139	5910

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	p 35964	p 59940	p5203	p 4607	p 953												co-ordinates of settlement; development to 2008
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
7006		6243	411	408	82	375			2003	2003		21	548	1643	110	220	cost of total investiment
7007	60	332	29	2	9	117											no development planned
7008	122	410	152	52	31	340											no development planned
7009	19	169	41	11	4	250											no development planned
7010	20	213	162	0.5	p 13	281		Dec 2003		2003		0.9					investment under planning
7011	48	286	86	22	33	262	Mar 2001		2005		9						investment under planning; extension of mechanical treatment and sludge treatment
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
7015	65	285	1	1	p 16	277			2001								co-ordinates of settlement
7016		182	107	59	4	110											no development planned
7018	111	399	p 115	56	p 15	240											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
7023	64	241	21	1	p 10	83											no development planned
7024																	see 7014
7027	106	172	p 250	54	p 6	65											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
7039		187	126	64	17	75	Nov 2001		2002		8						co-ordinates of settlement; capacity extension
7040	41	177	4	4	7	139	Sep 2003	Sep 2003	2005	2005	4.5	4.5					co-ordinates of settlement; investment under planning

Emission Inventory 2000
Industrial Discharges

Hungary

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
7501	Dunapack (Dunaújváros)	46	57	1	18	56	30	06 Pannonian Central Danube	100000000000000	Danube	3		9125	3641	502	3			3		
7502	Wood Ind. (Mohács)	46	1	20	18	40	57	06 Pannonian Central Danube	100000000000000	Danube	11		970	4092							
7503	Dunaferr	46	57	1	18	56	30	06 Pannonian Central Danube	100000000000000	Danube	6		34520	1563	173	314					
7504	MOL Rt. (Százhalombatta)	47	18	29	18	55	21	06 Pannonian Central Danube	100000000000000	Danube	11		16968	1967		27		8			
7505	Nitrokémia (Balatonfuzfo)	47	3	28	18	3	8	06 Pannonian Central Danube	111600000000000	Séd/Danube	4		5869	992		238			238		
7506	Neusiedler Pap. W. (Szolnok)	47	10	42	20	12	41	09 Tisa	112100000000000	Tisza	3		1802	3418	1815	0.45		0.56			0.62
7507	Sugar Factory (Szolnok)	47	8	17	20	10	14	09 Tisa	112100000000000	Tisza	1		693	523	332	33		0.2			2
7508	Agroferm (Kaba)	47	23	21	21	13	40	09 Tisa	112101807000000	Kösely/Tisza	1		12348	620	146	42		41	110		15
7509	Paper Fact. (Lábatlan)	47	45	16	18	28	22	06 Pannonian Central Danube	100000000000000	Danube	3		3719	566		0.369		1034			1.2
7510	Thermal Water (Szarvas)	46	54	45	20	33	47	09 Tisa	112101804000000	Körös/Tisza	11		367	246	133	2		0.08	4		0.08
7511	ICN Alkaloida	47	56	38	21	21	17	09 Tisa	112100000000000	Tisza	11	4.6	971	97	21	4		4	9		8
7512	Agr. Co-op. (Mocsa)																				
7513	Richter G. Ch. W. (Dorog)	47	43	43	18	43	32	06 Pannonian Central Danube	100000000000000	Danube	2		790	309		18		4			6
7514	Leather Factory (Pécs)	46	3	43	18	13	50	07 Drava-Mura	111900000000000	Dráva	9	45	391	116	29	37		1	45		2
7515	MOL Rt. (Hajdúszoboszló)										11										
7516	Agroindustry Ltd (Környe)	47	32	47	18	19	8	06 Pannonian Central Danube	100000000000000	Danube	1		4	1		0.04		0.03			0.06
7517	Flóratom (Makó)																				
7518	GYTV Gyapjú Ltd.(Kiskunfélegyháza)																				
7519	Leather Factory (Simontornya)	46	45	11	18	0	0	06 Pannonian Central Danube	100000000000000	Danube	9		131	12	3	1			1		
7520	Yeast and Alc. Fact. (Gyor)	47	41	47	17	38	46	06 Pannonian Central Danube	100000000000000	Danube	1		4497	121		0.2		7			1
7521	Viscosa Rt. (Nyergesújfalu)	47	45	49	18	34	16	06 Pannonian Central Danube	100000000000000	Danube	2		2786	110		2		11			1.3
7522	Nitrogen Works (Pétfürdo)	47	9	29	18	7	14	06 Pannonian Central Danube	111600000000000	Séd/Danube	4		8326	366		18		0.01	18		
7523	Yeast and Alcohol Fact. (Budapest)	47	29	7	19	6	13	06 Pannonian Central Danube	100000000000000	Danube	1		448	50		0.044		4.53			0.18
7524	Solami Ltd. (Szolnok)	47	10	42	20	12	41	09 Tisa	112100000000000	Tisza	1	8	237	25	6.4	1.7		0.34			1.17
7525	Canning Fact. (Paks)																				
7526	Waste Management (Sajóbábony)	48	9	27	20	42	31	09 Tisa	112101500000000	Sajó/Tisza	11		1080	53	27	6		20			
7527	Hungarogluten Ltd.																				
7528	Hungasekt Plc. (Izsák)	46	48	2	19	21	27	06 Pannonian Central Danube	100000000000000	Danube	1		60			0.21		0.03			0.35
7529	Cheese Factory (Makó)	46	13	45	20	29	48	09 Tisa	112100000000000	Tisza	1		135	178		0.5					
7530	Borsodchem	48	15	6	20	40	2	09 Tisa	112101500000000	Sajó/Tisza	2		6511	397		28		4			
7531	Csepel Works	47	25	39	19	3	14	06 Pannonian Central Danube	100000000000000	Danube	6		5676	451		1.47		26			1.3
7532	Lencsehegy Cool Mine Ltd. (Kesztölc)	47	42	48	18	47	30	06 Pannonian Central Danube	100000000000000	Danube	5		7422	223		0.23		0.54			0.89
7533	Tisza Chemical Works (Szolnok)	47	10	42	20	12	41	09 Tisa	112100000000000	Tisza	2		2924	91	10	5		38			108
7534	Canning Fact. (Kalocsa)																				
7535	Agr. Co-op. (Dózsa)																				
7536	Hungrana (Szabadegyháza)	47	4	42	18	41	11	06 Pannonian Central Danube	100000000000000	Danube	1		803	95	16	3			3		
7537	Hoforrás Ltd. (Gyula)	46	39	13	21	16	11	09 Tisa	112100000000000	Tisza	11		721	68	22	2		0.08	3		0.469
7538	Agr. Co-op. (Földeák)	46	18	10	20	30	23	09 Tisa	112100000000000	Tisza	10		35	21		0.43					
7539	Bakony Power Plant Plc. (Várpalota-Inota Pp.)	47	11	52	18	8	25	06 Pannonian Central Danube	100000000000000	Danube	11		388	128		8.22			8.22		
7540	Albadomu (Dunaújváros)	46	57	1	18	56	30	06 Pannonian Central Danube	100000000000000	Danube	1		255	9	6	0.13			0.13		
7541	MOL Rt. (Komárom)	47	44	18	18	12	7	06 Pannonian Central Danube	100000000000000	Danube	11		971	57		0.18		4			0.6
7542	Sugar Factory (Sárvár)																				
7543	Tiszaújváros: TVK Rt.	47	55	45	21	2	28	09 Tisa	112100000000000	Tisza	2		943	56.3		0.2	2038				
7544	Szolnok: TVM Rt.										2										
7545	Stomya: Leather Factory										9										
7546	Györ: Szeszip. V.										1										
7547	Budapest: Buszesz										1										

AV code	Cl	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	Remarks
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
7506			3214																									co-ordinates of settlement
7507			989																0.06									co-ordinates of settlement
7508																			0.2									
7509			1317																0.876									
7510																			0.066									Bath
7511																			0.14									Pharmaceutical Ind., co-ordinates of settlement
7512																												no wastewater discharge to the recipient
7513																			0.368									
7514					0.1														0.5									co-ordinates of settlement
7515																												Oil refinery; no industrial ww production
7516																			0.016									co-ordinates of settlement
7517																												horticulture, no industrial ww production
7518																												stopped operation
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
7524			389																									co-ordinates of settlement
7525																												stopped operation
7526						0													0.049									Waste management, co-ordinates of settlement
7527																												stopped operation
7528	0.8	0.13																										co-ordinates of settlement
7529																												co-ordinates of settlement
7530																												hazardous waste landfill at Berente, co-ordinates of settlement
7531			1737	0.16				4.8																				co-ordinates of settlement
7532			3763																0.74									co-ordinates of settlement
7533			3152	0.1	0	0	0.3	6.16		0	0.7								1.79									
7534																												stopped operation
7535																												no identified source
7536																												co-ordinates of settlement
7537			652																0.052									thermal water, co-ordinates of settlement
7538			121																									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,
7542																												stopped operation
7543			1418																									co-ordinates of settlement
7544																												see 7533
7545																												see 7519
7546																												see 7520
7547																												see 7523

Emission Inventory 2000
Municipal Discharges

Moldova

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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	Cahul							14 Prut-Siret	114400000000000	Prut	45.4		x	x			55	24.4
8002	Ungheni							14 Prut-Siret	114400000000000	Prut	21.8		x	x			55	21.8
8003	Comrat							14 Prut-Siret	114400000000000	Yalpugh	4.5		x	x			23	3.8
8004	Ciadir-Lunga							14 Prut-Siret	114400000000000	Yalpugh			x	x			28	
8005	Edinet							14 Prut-Siret	114400000000000	Prut	34.9		x	x			84	11.3
8006	Falesti							14 Prut-Siret	114400000000000	Prut	2.6		x	x			13	3.4
8007	Vulcanesti							14 Prut-Siret	114400000000000	Yalpugh	2		x	x			15	2
8008	Nisporeni							14 Prut-Siret	114400000000000	Prut	2.7		x	x			11	4
8009	Taraclia							14 Prut-Siret	114400000000000	Yalpugh	2.5		x	x			28	2.6
8010	Glodeni							14 Prut-Siret	114400000000000	Prut	1.8		x	x			40	2
8011	Leova							14 Prut-Siret	114400000000000	Prut	7.7		x	x			19	9.4
8012	Congaz							14 Prut-Siret	114400000000000	Yalpugh			x	x			3	
8013	Briceni							14 Prut-Siret	114400000000000	Prut	45.5		x	x			40	11.9
8016	Cupcini							14 Prut-Siret	114400000000000	Prut			x	x			84	
8018	Ungheni: Costesti							14 Prut-Siret	114400000000000	Prut			x	x				
8019	Cantemir							14 Prut-Siret	114400000000000	Prut			x					

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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											

Emission Inventory 2000
Industrial Discharges

Moldova

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
8501	Falesti							14 Prut-Siret	114400000000000	Prut	11		200		30.6				4.7		0.3	
8502	Lipcani							14 Prut-Siret	114400000000000	Prut	1				3.6				1.6		0	
8503	Lipcani							14 Prut-Siret	114400000000000	Prut	10		32		2.2				7.3		6.1	
8504	Ocnita							14 Prut-Siret	114400000000000	Prut	11		257		40.8				4		0.4	
8505	Cucoara							14 Prut-Siret	114400000000000	Prut	1		1.35		3				0.5		0.01	
8506	Congaz							14 Prut-Siret	114400000000000	Yalpugh	1		0									
8507	Cociulea							14 Prut-Siret	114400000000000	Prut	1		2.19		3.7				3.1		0	
8508	Cioc-Maidan							14 Prut-Siret	114400000000000	Yalpugh	1		0.26		5				0.4		0.02	
8509	Mereseni							14 Prut-Siret	114400000000000	Prut	1		2.7		4				0.3		0.02	
8510	Sofia							14 Prut-Siret	114400000000000	Prut	1		0									
8511	Glodeni							14 Prut-Siret	114400000000000	Prut	1		1360		225				90		2	
8512	Briceni							14 Prut-Siret	114400000000000	Prut	1		1109		12.4				54		2	
8513	Cupcini							14 Prut-Siret	114400000000000	Prut	1		0		0				0		0	

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	ClH	act-Cl	AOX	Remarks
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

Emission Inventory 2000
Municipal Discharges

Romania

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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	Calarasi	44	11	35	27	21	10	13 Muntenia	100000000000000	Danube	78		x				150	6160
9002	Giurgiu	43	53	51	26	0	36	13 Muntenia	100000000000000	Danube	73		x	x			100	6213
9003	Tulcea	45	11	42	28	49	21	15 Delta-Liman	100000000000000	Danube	96	x					0	2960
9004	Drobeta Tr. Severin	44	37	22	22	39	15	10 Banat-Eastern Serbia	100000000000000	Danube	118	x					0	14707
9005	Braila	45	17	23	27	59	10	13 Muntenia	100000000000000	Danube	234	x					0	19172
9006	Botosani	47	45	20	26	41	60	14 Prut-Siret	114400000000000	Prut-Sitna	129		x	x			160	27175
9007	Iasi	47	8	47	27	39	58	14 Prut-Siret	114400000000000	Prut-Bahlui	348		x	x			450	67229
9008	Barlad	46	12	34	27	40	63	14 Prut-Siret	114300000000000	Siret-Barlad	79		x	x			80	9531
9009	Vaslui	46	37	26	27	44	54	14 Prut-Siret	114300000000000	Siret-Vasluiet	79		x	x			105	7300
9010	Onesti	46	15	23	26	51	20	14 Prut-Siret	114300000000000	Siret-Trotus	61		x	x			65	2769
9011	Roman	46	55	44	26	59	27	14 Prut-Siret	114300000000000	Siret	82		x	x			110	8506
9012	Focsani	45	40	49	27	17	1	14 Prut-Siret	114300000000000	Siret-Putna	99		x	x			120	15091
9013	Suceava	47	39	26	26	18	18	14 Prut-Siret	114300000000000	Siret-Suceava	119		x	x			175	18214
9014	Piatra Neamt	46	54	45	26	23	48	14 Prut-Siret	114300000000000	Siret-Bistrita	125		x	x			150	10890
9015	Bacau	46	30	48	26	56	3	14 Prut-Siret	114300000000000	Siret-Bistrita	209		x	x			210	41109
9016	Buzau	45	8	15	26	52	30	14 Prut-Siret	114301000000000	Buzau	148		x	x			200	25129
9017	Galati	45	25	4	28	2	7	14 Prut-Siret	100000000000000	Danube	330	x					0	40064
9018	Targoviste	44	56	30	25	29	10	13 Muntenia	114100000000000	Ialomita	98		x	x			100	13000
9019	Slobozia	44	33	20	27	22	10	13 Muntenia	114100000000000	Ialomita	57		x				80	4447
9020	Ploiesti	44	54	44	26	6	47	13 Muntenia	114100000000000	Ialomita-Dâmbu	251		x				280	31120
9021	Sf. Gheorghe	45	50	39	25	47	16	13 Muntenia	113400000000000	Olt	67		x	x			90	7122
9022	Slatina	44	23	50	24	21	36	13 Muntenia	113400000000000	Olt	87		x	x			90	16870
9023	Rm. Valcea	45	4	1	24	21	11	13 Muntenia	113400000000000	Olt	120		x	x			150	28365
9024	Sibiu	45	45	26	24	13	7	13 Muntenia	113400000000000	Olt-Cibin	170		x	x			250	43850
9025	Brasov	45	41	28	25	34	12	13 Muntenia	113400000000000	Olt-Ghimbasel	314		x	x			320	46566
9026	Petrosani	45	21	49	23	22	19	13 Muntenia	113000000000000	Jiu	140		x				146	24000
9027	Tg. Jiu	44	59	34	23	14	29	13 Muntenia	113000000000000	Jiu	99		x				100	12000
9028	Craiova	44	16	38	23	48	20	13 Muntenia	113000000000000	Jiu	313	x					0	37296
9029	Lugoj	45	43	51	21	49	5	10 Banat-Eastern Serbia	112300000000000	Timis	49		x	x			100	7679
9030	Resita	45	20	31	21	50	42	10 Banat-Eastern Serbia	112300000000000	Timis-Bârzava	96		x				100	14110
9032	Timisoara	45	44	32	21	11	0	10 Banat-Eastern Serbia	112102500000000	Bega	324		x	x			194	70835
9034	Deva	45	54	13	22	53	42	09 Tisa	112102100000000	Mures	76		x	x			75	11642
9035	Turda	46	32	32	23	54	1	09 Tisa	112102100000000	Mures-Aries	90		x	x			90	14809
9036	Alba Iulia	46	2	39	23	33	24	09 Tisa	112102100000000	Mures	72		x				70	8846
9037	Hunedoara	45	52	17	22	48	59	09 Tisa	112102100000000	Mures-Cerna	80		x				160	11978
9038	Medias	46	9	23	24	19	11	09 Tisa	112102100000000	Mures-Târnava Mare	63		x	x			70	12715
9040	Tg. Mures	46	30	10	24	28	1	09 Tisa	112102100000000	Mures	165		x	x			300	30744
9041	Arad	46	9	29	21	17	3	09 Tisa	112102100000000	Mures	184		x	x			260	26681
9042	Oradea	47	4	32	21	52	36	09 Tisa	112101802000000	Cris-Cris Repede	222		x	x			240	48893
9043	Zalau	47	13	31	23	0	50	09 Tisa	112100900000000	Somes-Zalau	70		x	x			50	14745
9045	Bistrita	47	6	48	24	28	2	09 Tisa	112100900000000	Somes	87		x	x			54	22671
9047	Satu Mare	47	47	40	22	50	45	09 Tisa	112100900000000	Somes	131		x	x			170	21363
9048	Baia Mare	47	39	3	23	31	41	09 Tisa	112100900000000	Somes-Sasar	150		x	x			200	31209
9049	Cluj	46	47	22	23	41	8	09 Tisa	112100900000000	Somes-Somes Mic	330		x	x			310	71640
9050	Alexandria	43	57	19	25	32	15	13 Muntenia	113700000000000	Vedea	59		x	x			90	6014
9051	Curtea de Arges	45	6	38	24	2	35	13 Muntenia	113900000000000	Arges	35		x	x			56	5624

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	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
9003	261	517	76	23.4	15	100							88	144	68	11	new WWTP, feasibility study
9004	1153	2322	99.6	97.7	17.4	120							100	150	28	4	new WWTP, feasibility study
9005	1707	2383	550.2	528.1	65.8	230	2005				21.9		360	920	294	40	new WWTP, feasibility study
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
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
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	1,257.00	123	340	1996		1999		1.5		1752	2535	548	72	rehabilitation, upgrading + 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
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	

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
9052	Campulung	45	15	8	25	2	35	13 Muntenia	113900000000000	Arges-R.Târgului	44		x	x			80	7323
9053	Pitesti	44	49	52	24	58	50	13 Muntenia	113900000000000	Arges	190		x	x			280	50341
9054	Bucuresti	44	24	18	26	14	2	13 Muntenia	113900000000000	Arges-Dâmbovita	2500	x					0	582410
9055	Cernavoda	44	21	0	28	2	28	13 Muntenia	100000000000000	Danube	20	x					0	5494
9056	Miercurea Ciuc	46	21	30	25	47	35	09 Tisa	113400000000000	Olt	48		x	x			50	7111
9057	Reghin	46	45	41	24	42	27	09 Tisa	112102100000000	Mures	39		x	x			45	5918
9058	Hateg	45	35	58	22	58	48	09 Tisa	112102100000000	Mures-Galbena	20		x	x			20	2365

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	7,045.40	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	
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	

Emission Inventory 2000
Industrial Discharges

Romania

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
9501	Phoenix Baia Mare	47	39	51	23	35	56	09 Tisa	1121009000000000	Somes-Sasar	5		4081	82						
9502	Somes Dej	47	9	45	23	51	5	09 Tisa	1121009000000000	Somes	2		13717	3807	1187	95.9			96	
9503	Terapia Cluj	46	47	51	23	36	39	09 Tisa	1121009000000000	Somes-Somes Mic	2		1470	2121	193	249.6			250	
9504	Petrom Suplac de Barcau	47	15	9	22	33	19	09 Tisa	1121012060100000	Cris-Barcau	11		1396		194	19.5		0.03	20	0.106
9505	Sinteza Oradea	47	4	35	21	52	28	09 Tisa	1121018020000000	Cris-Cris Repede	2		345	4						0.065
9506	Sometra Copsa Mica	46	12	40	24	7	11	09 Tisa	1121021000000000	Mures-Tarnava Mare	2		4776	9	8	16			16.2	
9507	Azomures Tg.Mures	46	31	47	24	30	33	09 Tisa	1121021000000000	Mures	2		18326			385.3	30.2	307.1	730	13.3
9508	E.M.Abrud	46	22	55	23	16	29	09 Tisa	1121021000000000	Mures-Aries	5		6523							
9509	Siderurgica Hunedoara	45	47	44	22	55	46	09 Tisa	1121021000000000	Mures-Cerna	6		39343			10.5			12	
9510	E.M. Rosia Montana	46	17	55	23	3	26	09 Tisa	1121021000000000	Mures-Abrudel	5		2148							
9511	Ind. Sarmei Campia Turzii	46	32	19	23	54	40	09 Tisa	1121021000000000	Mures-Racosa	6		1362					4.1	4.1	0.17
9512	Doljchim Craiova	44	17	46	23	47	16	13 Muntenia	1130000000000000	Jiu	2		8195	463	153	176.1	3.4	71.1	248	
9513	Nitramonia Fagaras	45	49	17	24	57	51	13 Muntenia	1134000000000000	Olt	4		12185	286	109	32.6	21.5	144.7	184	
9514	Oltchim Rm. Valcea	45	0	52	24	17	48	13 Muntenia	1134000000000000	Olt	2		37476	2167	359	60.8		37.1	119	2.4
9515	Romacril Rasnov	45	35	5	25	25	57	13 Muntenia	1134000000000000	Olt-Panicel	2		383	62	9	0.1	0.029	0.2		
9516	Celohart Zarnesti	45	34	2	25	19	54	13 Muntenia	1134000000000000	Olt-Bârsa	3		2275	1895	777	20.5		1.5	22	
9517	Colorom Codlea	45	42	48	25	28	36	13 Muntenia	1134000000000000	Olt-Vulcanita	2		209	28	9	0.2	0.1	0.2	1	
9518	U.P.S. Govora	45	0	0	24	21	11	13 Muntenia	1134000000000000	Olt	2		1715			60.1			62	
9519	E.M. Capeni	46	3	57	25	35	39	13 Muntenia	1134000000000000	Olt-Baraolt	5		782	26	16	1.6			2	
9520	Viromet Victoria	45	47	44	24	41	27	13 Muntenia	1134000000000000	Olt-Ucea	2		8010	1225	249	29.1	3.85	17.9	49	
9521	Dacia Pitesti	44	57	56	24	55	15	13 Muntenia	1139000000000000	Arges-Doamnei	6		4358	240	116	5.2	0.59	6.3	12	3.8
9522	Arpechim Pitesti	44	49	31	24	53	4	13 Muntenia	1139000000000000	Arges-Dâmbovnic	2		13945	432	96	84.7	4.17	17.6	104	17
9523	Petrobrazi Ploiesti	44	48	34	26	1	37	13 Muntenia	1141000000000000	Ialomita-Prahova	2		6989	564	143					
9524	Romfosfochim							13 Muntenia	1141000000000000	Ialomita	2									
9525	Astra Romana Ploiesti	44	54	44	26	6	47	13 Muntenia	1141000000000000	Ialomita-Dâmbu	2		3570	64	54					
9526	Petrotel - Lukoil	44	54	46	26	6	50	13 Muntenia	1141000000000000	Ialomita-Teleajen	2		5130	215	147	47.1				1.03
9527	Letea Bacau	46	30	32	26	56	4	14 Prut-Siret	1143000000000000	Siret-Bistrita	3		13913	4828	458					
9528	Chimcomplex Borzesti	46	15	55	26	50	15	14 Prut-Siret	1143000000000000	Siret-Trotus	2		4274	170		13			13	
9529	Fibrex Savinesti	46	50	48	26	30	50	14 Prut-Siret	1143000000000000	Siret-Bistrita	2		49419	1957	988	513	47.9	211.4	739	
9530	Pergodur P.Neamt							14 Prut-Siret	1143000000000000	Siret	3		43	1.5		0.02		0.02		
9531	Sofert Bacau	46	30	25	26	56	17	14 Prut-Siret	1143000000000000	Siret-Bistrita	2		4380	61		93			94	
9532	Carom Onesti	46	15	15	26	50	57	14 Prut-Siret	1143000000000000	Siret-Trotus	2		8021	1474	134					
9533	Sidex Galati	45	26	25	28	0	9	14 Prut-Siret	1143000000000000	Siret-Malina	6		20506	439		84.2	15.3	35.9	125	
9534	Antibiotice Iasi	47	10	16	27	28	66	14 Prut-Siret	1144000000000000	Prut-Bahlui	2		223	9	6	0.9	0.68	0.9	2	
9535	Siderca Calarasi	44	11	35	27	20	24	13 Muntenia	1000000000000000	Danube	6									
9536	Alum Tulcea	45	11	30	28	47	30	15 Delta-Liman	1000000000000000	Danube	7		9010	275	72	4.5	0.36	15.4	22	
9537	CICH Tr. Magurele	43	48	10	24	56	25	13 Muntenia	1000000000000000	Danube	4		5267	38		807.2	6.82	56.8	867	14
9538	Dunacor Braila	45	12	46	27	52	24	13 Muntenia	1000000000000000	Danube	8		6700	1354	864	19.8	2.9	4.4	24	
9539	Verachim Giurgiu	43	53	26	26	0	5	13 Muntenia	1000000000000000	Danube	2									
9540	Comceh Calarasi	44	11	35	27	21	10	13 Muntenia	1000000000000000	Danube	8		990	49					2	
9541	Romag Tr. Severin	44	40	32	22	41	52	10 Banat-Eastern Serbia	1000000000000000	Danube-Topolnita	2		14540	49	16	0.6	0.11		1	0.8
9542	Avicola Satu Mare	47	47	15	22	50	30	09 Tisa	1121009000000000	Somes-Tisa	10									
9543	Agrocomsuin Bontida	46	56	47	23	48	43	09 Tisa	1121009000000000	Somes-Somes Mic	10		614	549	192	276.9			277	9
9544	Nutrisam Moftin	47	42	8	22	39	12	09 Tisa	1121009000000000	Somes-Crasna	10		361	214	184	151.3			152	
9545	Stratus Mob Blaj	46	10	23	23	55	15	09 Tisa	1121021000000000	Mures-Târnava Mare	11		1514	2598	1897	55.5			56	
9546	Indagrara Arad	46	12	6	21	14	16	09 Tisa	1121021000000000	Mures	1		935	663	378	42.5	0.12	0.3	43	2.6
9547	Nutrimur Iernut	46	27	20	24	13	29	09 Tisa	1121021000000000	Mures	10		170	62	34	5.7			6	3.9
9548	Comsuim Birda	45	33	35	21	18	28	10 Banat-Eastern Serbia	1123001000000000	Timis-Bârzava	10		498	822	625	129.6		0.2	130	60.5
9549	Comseltest Padureni	45	37	30	21	11	15	10 Banat-Eastern Serbia	1123001000000000	Timis-Gavojdia	10		74	133	90	18.6		0.04	19	11.6
9550	Comsuin Beregsau	45	45	45	21	0	0	10 Banat-Eastern Serbia	1121025000000000	Bega-Bega Veche	10		255	531	248	54.6		0.2	55	29.1
9551	Suinprod Cazanesti	44	37	0	27	1	40	13 Muntenia	1141000000000000	Ialomita	10		346	232	202	29.4			30	
9552	Ulcom Slobozia	44	33	10	27	20	30	13 Muntenia	1141000000000000	Ialomita	1		862	85	59	7.3	0.4		8	
9553	Beta Tandareni	44	39	25	27	39	20	13 Muntenia	1141000000000000	Ialomita	1		908	106	82	8.2			8	
9554	Combilcarial Gh.Doja							13 Muntenia	1141000000000000	Ialomita	10									

AV code	TOT-P	Cl	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	Remarks
9501			2573	280	0.2			4.5	2.6			3.8	0.1																
9502	3	3391		1411														1		3.2									291 t/a lignine
9503		2417.1	79.8	144		0.1			1			0.25						0.1			0.036								
9504		511		188													5.2	2.88											
9505		24.2	172.4	22	0.1	0.1			0.2			0.1						0.04											
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									0.278											
9510			1307.7	213				0.6	58.8	43		10																	
9511		102.3	179.8	137					0.9			0.5																	
9512		493	1190.6	1087																									
9513	0.071	110.4	968.2	140					2.6									0.24			1.3								
9514		30941	4896	6231		0.7					1.4			393						0.69									
9515	0.042	2.2	9.8	11																0.08	0.241								
9516	0.21	70.3	238.5	87														0.37		0.218	5.965								
9517	0.004	7.5	16.8	8					0.6			0.1						0.019		0.179	0.1			1.6					
9518		75667	355	563										132															
9519				82														0.0047											
9520	0.316	775.7	1777.5	218				1	52.1	0.7		3.6						0.046			2.572								
9521	1.4	282.1	415.7	76					1.7	0.2	0.3	0.4								0.33									
9522	5.6	2791.2	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					
9527			1156	856														0.195			20.5			88					
9528		4135	416.7	219														0.221											
9529	3.9	820.3	2396	1119														0.143											
9530																													
9531	5.8	139.3	713.4	293					6.7					73.6					7.6					23.7					
9532	2.8	4642		547				1.3										0.418		1.42				50.6					
9533	2.2	2123.9	4517	570				0.1	11.3			0.6		586.5				1.7		0.84	6.7			115					
9534	0.01	24.4		6					0.2												0.19			1.9					
9535																													
9536		271.7	1551.8	1008					0.4	0.7		1.3		263	18									1.3					
9537	4.6	845.6		899					1.2					220															
9538				672					7.1									5.4		3.2				310					
9539																													
9540				148					0.9									0.1											
9541	4.6	1541.8	1441.7	2175																0.03	0.43								
9542																													
9543				228														0.3											
9544				182																									
9545				451																									wood industry
9546	0.9			370														0.03											
9547	1.3			47														0.017											
9548	20	33.47	44.59	583														0.1		0.1									
9549	3.8	6.6		34														0.1		0.036									
9550	9.6	23.6	19.7	230														0.029		0.082									
9551				199																				7					
9552				97																0.053				54.4					
9553		348.4	112	134																0.098				39.4					
9554																													

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
9555	Suinprod Roman	46	58	46	26	59	1	14 Prut-Siret	1143000000000000	Siret	10		215		54	92.9			93	
9556	Agricola Bacau	46	28	45	26	56	31	14 Prut-Siret	1143000000000000	Siret	10		932		1410	381.7		3.7	385	
9557	Spirt Ghidiceni	46	2	10	27	28	44	14 Prut-Siret	1143000000000000	Siret-Bârlad	1		704	1653		52.2	0.5	0.9	54	
9558	Suinprod Independenta	45	27	26	27	46	32	14 Prut-Siret	1143000000000000	Siret-Bârladel	10		186	278		189.4	0.27	0.5	192	
9559	Comtom Tomesti	47	12	54	27	5	14	14 Prut-Siret	1144000000000000	Prut-Bahluet	10		11	11	5	1.9		0.01	2	
9560	Comsuin Ulmeni							13 Muntenia	1000000000000000	Danube	10									
9561	Braigal Braila							13 Muntenia	1000000000000000	Danube	10									
9562	Petrocart P.Neamt	46	55	53	26	20	56	14 Prut-Siret	1143000000000000	Siret-Bistrita	3		1468	135	42					
9563	E.M.Baia Borsa	47	41	19	24	43	48	09 Tisa	1121000000000000	Tisa-Viseu	5		3370	47	9					
9564	E.M.Cavnic	47	36	23	23	47	4	09 Tisa	1121009000000000	Somes-Cavnic	5		1646	25	1	0.1				
9565	E.M.Herja	47	41	47	23	38	48	09 Tisa	1121009000000000	Somes-Firiza	5		585	8	1					
9566	E.M.Baia Sprie	47	39	37	23	36	54	09 Tisa	1121009000000000	Somes-Sasar	5		1346	27	2					
9567	Romplumb Baia Mare	47	41	8	23	37	48	09 Tisa	1121009000000000	Somes-Sasar	5		703	10						
9568	E.M.Brad-Barza	46	7	10	22	51	0	09 Tisa	1121018020000000	Cris-Cris Alb	5		945							
9569	European Drinks Rieni	46	34	17	22	26	58	09 Tisa	1121018020000000	Cris-v.Neagra	1		244	108	106	0.7		0.3	1	0.124
9570	Bergenbier Blaj	46	10	18	23	55	24	09 Tisa	1121021000000000	Mures-Tarnava Mare	1		419	325	177					
9571	UPSOM Ocna Mures	46	23	54	23	52	9	09 Tisa	1121021000000000	Mures	2		12777			501.4			502	
9572	Testsuin Gornesti	46	39	34	24	37	55	09 Tisa	1121021000000000	Mures	10		302	194	150	102.5	0.1	0.4	103	
9573	Ampellum Zlatna	46	6	49	23	12	50	09 Tisa	1121021000000000	Mures-Ampoi	5		984							
9574	E.M.Baia de Aries	46	23	31	23	17	29	09 Tisa	1121021000000000	Mures-Aries	5		3279							
9575	E.M.Coranda Certej	45	57	34	22	58	18	09 Tisa	1121021000000000	Mures-Certej	5		492	1						
9576	UCMR Resita	45	18	48	21	53	5	10 Banat-Eastern Serbia	1123001000000000	Timis-Bârzava	6		2928	54	7					
9577	C.S.Resita	45	17	21	21	53	37	10 Banat-Eastern Serbia	1123001000000000	Timis-Bârzava	6		19182	364	64	8.4		18.7	29	
9578	Gavazzi Steel Otelu Rosu	45	30	24	22	20	11	10 Banat-Eastern Serbia	1123001000000000	Timis-Bistra Marului	6		6267	88	16					
9579	Celrom Tr.Severin	44	37	29	22	41	7	13 Muntenia	1000000000000000	Danube	11		3472	1183	380					
9580	S.C.Balan	46	36	30	25	47	35	13 Muntenia	1134000000000000	Olt	5		3007							
9581	Alro Slatina	44	26	32	24	23	45	13 Muntenia	1134000000000000	Olt	6		3275	44						
9582	COS Târgoviste	44	56	30	25	29	10	13 Muntenia	1141000000000000	Ialomita	6		11000	119	97					4.1
9583	Amonil Slobozia	44	33	20	27	22	5	13 Muntenia	1141000000000000	Ialomita	2		3146	86	41	154.7	6.8	36.9	194	
9584	Petrotub Roman	46	56	49	26	53	6	14 Prut-Siret	1143000000000000	Siret-Moldova	6		2846	61				4.8	5	
9585	Rafo Onesti	46	15	0	26	51	6	14 Prut-Siret	1143000000000000	Siret-Trotus	2		1046		12					
9586	Rulmentul Bârlad	46	14	36	27	41	62	14 Prut-Siret	1143000000000000	Siret-Bârlad	6		553	26	7	0.4	0.03	0.2	1	
9587	S.C.Cotnari	47	21	1	26	58	30	14 Prut-Siret	1144000000000000	Prut-Bahlui	1		208	412	211	5.4	0.11	0.1	6	
9588	I.M.Moldova Noua	44	41	55	21	39	12	10 Banat-Eastern Serbia	1000000000000000	Danube	5		8987	728	1	0.02		0		
9589	Corapet Corabia	43	46	11	24	30	24	13 Muntenia	1000000000000000	Danube	2		3031	149						
9590	Zahar Corabia	43	46	11	24	30	24	13 Muntenia	1000000000000000	Danube	1		1851	717		2.2	4.6		4	
9591	S.C.CUG Cluj	46	47	25	23	38	38	09 Tisa	1121009000000000	Somes-Somes Mic	6		1751	111	25	2.3				
9592	E.M.Aurum Baia Mare	47	37	53	23	26	50	09 Tisa	1121009000000000	Somes-Nistru	5		1343	57	4					
9593	Flotatia Centrala Baia Mare	47	37	53	23	26	50	09 Tisa	1121009000000000	Somes-Lapus	5		5446	340		0.1				
9594	E.M.Baiut	47	34	49	23	59	17	09 Tisa	1121009000000000	Somes-Lapus	5		1986	21	3	0.4				
9595	Mons Medius Baia Mare	47	45	20	23	22	2	09 Tisa	1121009000000000	Somes-Sasar	5		1926	4						
9596	Bicapa Târnaveni	46	18	45	24	15	0	09 Tisa	1121021000000000	Mures-Târnava Mica	2		6396	60	47	7			7	
9597	Suinprod Let	45	50	14	26	0	6	13 Muntenia	1134000000000000	Olt-r.Negru	10		211	248	183				114	
9598	Suinprod Sercaia	45	53	25	25	6	52	13 Muntenia	1134000000000000	Olt	10		168	151	54	36.5		0	37	
9599	Prodsuis Stanilesti	46	37	42	28	14	36	14 Prut-Siret	1144000000000000	Prut	10		55	266	60	6.4	0.035	0	7	
9600	Avicola Catamaresti	47	47	58	26	35	42	14 Prut-Siret	1144000000000000	Prut	10		49	35	11	1.7		0	2	

AV code	TOT-P	Cl	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	Remarks
9555	3.1			96														0.14											
9556	32.2			1526														0.25			1.6								
9557	5.6	103.1	121.8	821																0.28	5.1			13.3					
9558	1.4	119.8	41	1294					0.1									0.23						2.4					
9559	0.02	1.2		2																									
9560																													
9561																													
9562		32.3		106																									
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		13.3	898	108				0.4	4.6	8.5		1.6						0.01											
9569				19																0.985									
9570				248																									
9571		67135.1	1358	1943																									
9572		38.1		60														0.075											
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															
9576		8.66	13.08	82		0.2		0.1	1.9		0.2	0.2																	
9577		115.3	341.6	817		0.3		1.5	69.1	1.3								0.085											
9578		32	125.2	210					6.7									0.006											
9579				215														0.69			0.2								wood industry
9580				71	0.2			0.1	2.5			0.1																	
9581				141															4.4										
9582		721.3	734.6	586		0.1			6.2											2.7									
9583		263.2	232.8	285																									
9584	0.19	93.9	152.5	73					0.4															2.8					
9585				22													0.87	0.02											
9586	0.13	26.2		17					0.1			0.1								0.05				12					
9587	0.1	54.1	41.8	468					2.1									0.21		0.042	1.1			31.2					
9588		163	697.8	4546				2.7	53.5		0.9	1		18.1						0.052									
9589		279.4		376																									
9590		154.5		275																									
9591				128	0.1	1.8			7.6	0.4		0.2																	
9592		188	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							6.2		0.093								
9597				719														0.07											
9598	3.7	16.2		24														0.148			1.3			1					
9599	0.6	8.7		47														0.013			0.6			3.4					
9600	0.2	1.5	4.3	18																	0.1			1.4					

Emission Inventory 2000
Municipal Discharges

Slovakia

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
10002	Bratislava Petrzalk	48	6	1	17	8	33	06 Pannonian Central Danube	100000000000000	Danube	239		x	x			239	14384
10003	Samorín	48	1	30	17	17	19	06 Pannonian Central Danube	100000000000000	Danube	9		x	x			9	836
10004	Stúrovo	47	48	0	18	43	51	05 Váh-Hron	100000000000000	Danube	17		x				0	1221
10005	Skalica							04 Morava	110801000000000	Skalické rybníky	13		x	x			13	1108
10006	Skalica							04 Morava	110800900000000	Kopciansky kanál			x	x				
10007	Holic	48	48	9	17	8	48	04 Morava	110801100000000	Kistor	21		x	x			21	879
10008	Cov Myjava	48	44	55	17	31	30	04 Morava	110801200000000	Myjava	12		x	x			12	2181
10009	Senica	48	40	18	17	20	2	04 Morava	110801200000000	Teplica (Morava)	27		x	x			27	1756
10010	Devín.N.Ves	48	12	57	16	58	21	04 Morava	110801500000000	Mláka	20		x	x			20	2057
10011	UCOV Vrakuna	48	4	0	17	11	0	05 Váh-Hron	111002000000000	Maly Dunaj	288		x	x			288	54820
10012	Pezinok	48	15	51	17	15	57	05 Váh-Hron	111002001020100	Blatina	28		x	x			28	3661
10013	Senec	48	12	9	17	25	39	05 Váh-Hron	111002001030000	Cierna Voda	12		x	x			12	999
10014	Modra	48	18	59	17	19	6	05 Váh-Hron	111002001030100	Stolicny potok	10		x	x			10	1808
10015	Dunaj. Streda	47	57	49	17	40	4	05 Váh-Hron	111002001000000	K.Gabcíkovo-Topol	52		x	x			52	6545
10016	Liptov. Hrádok	49	2	17	19	42	16	05 Váh-Hron	111000000000000	Váh	72		x	x			72	3763
10017	Liptov. Mikulás	49	5	28	19	35	24	05 Váh-Hron	111000000000000	Váh	292		x	x			292	14252
10018	Nizná	49	18	42	19	30	26	05 Váh-Hron	111000300000000	Orava	16		x	x			16	3511
10019	Dolny Kubín	49	12	43	19	16	38	05 Váh-Hron	111000300000000	Orava	18		x	x			4	2183
10020	Námestovo	49	22	29	19	33	29	05 Váh-Hron	111000300000000	Orava	9		x	x			9	1058
10021	Turc. Teplice	48	53	28	18	51	4	05 Váh-Hron	111000400000000	Teplica (Vah)	6		x	x			6	1467
10022	Martin-Vrútky	49	7	16	18	55	7	05 Váh-Hron	111000000000000	Váh	80		x	x			80	14012
10023	Cadca	49	25	49	18	47	57	05 Váh-Hron	111000600000000	Kysuca	27		x	x	x		27	2571
10024	Kysuc.N.Mìsto	49	17	10	18	46	39	05 Váh-Hron	111000600000000	Kysuca	15		x	x			15	1507
10025	Rajec	49	5	56	18	38	45	05 Váh-Hron	111000700000000	Rajcianka	3		x	x			3	797
10026	Zilina-Hricov	49	14	35	18	38	17	05 Váh-Hron	111000000000000	Váh	186		x	x	x		186	18822
10027	Bytca	49	12	57	18	32	22	05 Váh-Hron	111000000000000	Váh	22		x	x			4	979
10028	Povaz. Bystrica	49	8	2	18	25	15	05 Váh-Hron	111000000000000	Váh	42		x	x			42	4125
10029	Púchov	49	5	51	18	18	49	05 Váh-Hron	111000000000000	Váh	38		x	x			37	3564
10030	DubnicaN.Váh.	48	57	52	18	8	46	05 Váh-Hron	111001100000000	Nosicky kanál	26		x	x			26	2760
10031	Trenc. Teplá	48	54	4	18	3	47	05 Váh-Hron	111001200000000	Teplicka	12		x	x			12	2842
10032	Trencín lavá str.	48	52	52	18	0	37	05 Váh-Hron	111000000000000	Váh	46		x	x			46	6671
10033	Nové M.n.Váhom	48	44	38	17	50	51	05 Váh-Hron	111001500000000	Biskupicky kanál	46		x	x			46	2591
10034	Piestany	48	34	4	17	49	26	05 Váh-Hron	111001600000000	Dubová	54		x	x			54	7457
10035	Stará Turá	48	45	26	17	42	50	05 Váh-Hron	111001501000000	Trstie	6		x	x			6	1372
10036	Hlohovec	48	25	5	17	46	42	05 Váh-Hron	111000000000000	Váh	23		x	x			49	1885
10037	Sered	48	15	55	17	46	21	05 Váh-Hron	111000000000000	Váh	22		x	x			22	3185
10038	Sala	48	6	51	17	52	39	05 Váh-Hron	111001800000000	Kolárovsky k.	11		x	x			11	1568
10039	Trnava	48	21	9	17	36	8	05 Váh-Hron	111002001010000	Trnávka	108		x	x			108	8630
10040	Galanta	48	6	48	17	46	29	05 Váh-Hron	111002001020000	Salibsky Dudváh	14		x	x			14	2180
10041	Komárno	47	45	58	18	8	40	05 Váh-Hron	111000000000000	Váh	23		x				0	4291
10042	Prievidza	48	45	45	18	35	42	05 Váh-Hron	111001901000000	Handlovka	49		x	x			48	8051
10043	Handlová	48	45	19	18	45	51	05 Váh-Hron	111001901000000	Handlovka	13		x	x			12	1789
10044	Partizánske	48	37	6	18	20	40	05 Váh-Hron	111001900000000	Nitra	31		x	x			31	3353
10045	Bánovce n. Bebravou	48	43	11	18	14	53	05 Váh-Hron	111001905000000	Bebrava	40		x	x			40	1841
10046	Zlaté Moravce	48	21	51	18	22	54	05 Váh-Hron	111001911000000	Zitava	14		x	x			14	1463

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	
10004	460.8	837.6		37.3		17					1.80		6.1	670.1	33.0	4.9	
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	
10011	119.8	912		52.3	145.8	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	

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
10047	Surany	48	4	44	18	11	39	05 Váh-Hron	111001912000000	Malá Nitra	8		x	x			8	1326
10048	Nové Zámky	47	58	31	18	8	7	05 Váh-Hron	111001900000000	Nitra	61		x	x			54	5387
10049	Filakovo	48	16	56	19	49	29	05 Váh-Hron	111300101000000	Belina	5		x	x			5	1243
10050	Lucenec	48	19	24	19	41	16	05 Váh-Hron	111300100000000	Krivánsky potok	21		x	x			21	4199
10051	Velky Krtís	48	10	39	19	21	25	05 Váh-Hron	111300200000000	Krtís	11		x	x			11	1570
10052	Brezno	48	48	43	19	36	1	05 Váh-Hron	111200000000000	Hron	16		x	x			16	2914
10053	Zvolen	48	33	37	19	6	21	05 Váh-Hron	111200000000000	Hron	52		x	x			52	7813
10054	Detva	48	32	31	19	23	30	05 Váh-Hron	111201200000000	Slatina	9		x	x			9	1652
10055	Ziarn. Hronom	48	34	25	18	49	32	05 Váh-Hron	111200000000000	Hron	23		x	x			23	2487
10056	Levice	48	10	40	18	36	2	05 Váh-Hron	111201700000000	Podluzianka	75		x	x			75	11409
10057	Roznava	48	38	26	20	30	44	09 Tisa	112101500000000	Slaná	19		x	x			19	4235
10058	Revúca	48	40	22	20	7	46	09 Tisa	112101503000000	Murán	9		x	x			9	1407
10059	Rimavská Sobota	48	22	20	20	1	55	09 Tisa	112101504000000	Rimava	85		x	x	x	x	85	4914
10060	Saca	48	37	16	21	10	19	09 Tisa	112101506010000	Ida	4		x	x			4	1216
10061	Snina	48	59	4	22	9	29	09 Tisa	112101302010000	Cirocha	11		x	x			11	2232
10062	Vranov n. Toplou	48	52	26	21	40	53	09 Tisa	112101304010000	Topla	21		x	x			21	2087
10063	Trebisov	48	36	24	21	44	17	09 Tisa	112101304000000	Trnávka	21		x	x			21	2697
10064	Spisská N. Ves	48	43	45	21	55	19	09 Tisa	112101507000000	Hornád	47		x	x			45	7067
10065	Sabinov	49	4	55	21	6	31	09 Tisa	112101507050000	Torysa	15		x	x			15	1269
10066	Presov	48	56	35	21	14	48	09 Tisa	112101507050000	Torysa	73		x	x			73	9575
10101	Nitra	48	16	25	18	6	29	05 Váh-Hron	111001900000000	Nitra	144		x	x	x		51	11675
10102	Malacky	48	24	0	17	0	0	04 Morava	110801400000000	Malina (Morava)	20		x	x	x		20	2048
10103	Banska Bystrica	48	40	24	19	8	43	05 Váh-Hron	111200000000000	Hron	186		x	x	x		137	18780
10104	Michalovce	48	55	14	20	35	3	09 Tisa	112101302000000	Laborec	60		x	x	x		60	6241
10105	Svidník	49	17	27	21	34	53	09 Tisa	112101304000000	Ondava	14			x			14	1832
10106	Trencin, right side	48	53	8	18	0	20	05 Váh-Hron	111000000000000	Vah	2	x					0	1408
10107	Humenné	48	54	29	21	52	17	09 Tisa	112101302000000	Laborec	68		x	x	x		44	9259
10108	Ruzomberok	49	6	0	19	14	48	05 Váh-Hron	111000000000000	Vah	287		x	x	x		287	30155
10109	Topolcany	48	32	2	18	10	52	05 Váh-Hron	111001900000000	Nitra	89		x	x	x		89	3351
10110	Kosice	48	38	50	21	20	5	09 Tisa	112101507000000	Hornád	221		x	x	x		221	39861

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
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	
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	
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	
10101	1801.2	2978.2		137.7	32.7	150						11.36	59.5	2,382.6	118.9	11.9	
10102	69.4	135.5		5.6	6	22						1.82	10.6	108.4	31.8	4.2	
10103	1361.9	2836.1	139.1	127.6	15.9	186						6.23	93.9	2,268.9	139.1	15.9	
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	
10106	46.7	215.1		13	2.7	40					5.50		14.0	172.1	61.5	2.7	
10107	645.5	1198	289.5	57.4	17.9	68						9.55	46.3	958.4	138.9	18.5	
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	
10110	588.5	1349.5	457.8	185.1	57	221						14.32	199.3	1,079.6	457.8	57.0	

Emission Inventory 2000
Industrial Discharges

Slovakia

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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	SO4
10501	Istrochem Bratislava	48	6	52	17	8	36	06 Pannonian Central Danube	100000000000000	Danube	2	44.3	16272	1977	954	32.5						3873	683
10502	Assi Doman Sturovo	47	46	36	18	41	58	05 Váh-Hron	100000000000000	Danube	3	216.5	12823	7489	2963	1.4			498	84.6			
10503	Slovnaft, bl. 17-18, Bratisl.	48	8	0	17	10	42	06 Pannonian Central Danube	100000000000000	Small Danube (V	2	21.7	79003	878	277								
10504	Novaky Chem. Plants	48	42	34	18	31	34	05 Váh-Hron	111001900000000	Nitra	2	44.3	4853	1391	282								
10505	Power Plant Vojany	48	33	42	21	57	37	09 Tisa	112101302000000	Laborec	11	36.3	275015	5225	798								
10506	Bukocel Vranov	48	51	22	21	44	49	05 Váh-Hron	112101304000000	Ondava (Tisa)	11	88.5	11506	2667	261							3452	2091
10507	Chemko Strázske	48	49	14	21	45	28	05 Váh-Hron	112101304000000	Ondava (Tisa)	2	560	2996	375	93	12	7	21		9.7		358	1492
10508	Slovensky hodváb Senica	48	40	38	17	20	38	05 Váh-Hron	110801200000000	Teplica (Morava)	8	4.4	877	177	73				7.1	0.69			4555
10509	Bucina Zvolen	48	33	51	19	6	32	05 Váh-Hron	111200000000000	Hron and its tr	11		2122	172	62								
10510	Biotika Slovenska Lupca	48	44	39	19	14	47	05 Váh-Hron	111200000000000	Hron	2		1104	582	116	191						377	
10511	Tanning Factory Bosany	48	34	36	18	14	8	05 Váh-Hron	111001900000000	Nitra	9												
10512	Povaz. Chem. Plants	49	13	36	18	45	21	05 Váh-Hron	111000000000000	Vah	2	132	619	99.5	24.5	58							

AV code	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
10501	98																				1.1	7200				Mechanical Biological Treatment, chemical treatment, removal of oil products (GOLA),discharge diss. Subst. 8981 t/ year
10502	2411																39.8				28.2	6180				Mechanical Biological Treatment,
10503	1029	0.19													2.2						59	16629				Removal of oil products (GOLA) (refinery), discharged dissolved substances 25735 t/ year,
10504	503																				7.3	16381				Mechanical Biiological treatment
10505	2200																									cooling water - without treatment, discharged dissolved substances 57 753 t/year
10506	414																				16.3	10459				Mechanical Biological treatment
10507	231														0.03		3.9		90	3	1.3	3443				Mechanical Biological treatment, chemical treatment, total formaldehyd
10508	31								2.9								11.8				0.27	6051				Mechanical-Biological treatment; chemical treatment, discharged disslovedv substances 7097 t/ year
10509	124														0.36						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

Slovenia

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
11001	Ljubljana							08 Sava	112200000000000	Sava	386		x				360	40700
11002	Maribor							07 Drava-Mura	111900000000000	Drava	170	x					0	12000
11003	Domžale							08 Sava	112200000000000	Sava	104		x	x			200	6821
11004	Vrhnika							08 Sava	112200000000000	Sava	2.4		x				2	350
11005	Celje							08 Sava	112200000000000	Sava	125	x					0	5900
11007	Ptuj							07 Drava-Mura	111900000000000	Drava	116		x	x			105	4562
11008	Kranj							08 Sava	112200000000000	Sava	86		x	x			100	6834
11009	Škofja Loka							08 Sava	112200000000000	Sava	30		x	x			85	2028
11010	Šoštanj (ex. Velenje)							08 Sava	112200000000000	Sava	36		x				50	5698
11011	Žalec							08 Sava	112200000000000	Sava	27		x	x			19	1791
11012	Novo mesto							08 Sava	112200000000000	Sava	38		x	x			45	1421
11013	Murska Sobota							07 Drava-Mura	111901600000000	Mura	14		x				30	1450
11015	Jesenice							08 Sava	112200000000000	Sava	34		x	x			30	2462
11016	Ljutomer							07 Drava-Mura	111901600000000	Mura	12	x					0	
11017	Lendava							07 Drava-Mura	111901600000000	Mura	17	x					0	
11018	Rogaška Slatina							08 Sava	112200000000000	Sava	9	x					0	80
11019	Vojna vas-Crnomelj							08 Sava	112200000000000	Sava	9		x	x			4.5	315
11022	Brežice							08 Sava	112200000000000	Sava	6	x	x				1.5	465
11023	Metlika							08 Sava	112200000000000	Sava	9		x				9	900
11024	Krško							08 Sava	112200000000000	Sava	9	x					0	
11025	Sevnica							08 Sava	112200000000000	Sava	8	x					0	
11027	Trbovlje							08 Sava	112200000000000	Sava	20	x					0	
11028	Postojna							08 Sava	112200000000000	Sava	7		x	x			15	1260
11029	Ivancna Gorica							08 Sava	112200000000000	Sava	4		x	x			15	416
11030	Grosuplje							08 Sava	112200000000000	Sava	6		x	x			10	2460

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
11001	9198	17501	1347		199	360	2000		2003		172.11		1000	2400	220	20	
11002	3732	8292	564		180	200	2000	2005	2004	2007	88.01		300	1500	120	12	
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	
11007	356	730		264		105							215	1668	367	61	no plans for reconstruction available
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	
11013	38	61		24	2	41	1999	1999	2001			29.34	15	131	30	5	
11015	33	132	53		4	30							49	402	90	15	no plans for reconstruction available
11016	162	406	46		7	15							8	53	32	5	
11017	74	402	116		15	22							11	74	45	7	
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

Slovenia

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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	SO4
11501	Paloma/Sladki vrh							07 Drava-Mura	111901600000000	Mura	3	28	2030	2758	605	2					4		
11502	KG Rakican							07 Drava-Mura	111901600000000	Mura	10	11	14	611	242								
11503	Pomurka/Murska Sobota							07 Drava-Mura	111901600000000	Mura	1	2	250	83	44	1.6					1.6	0.03	
11504	Mariborska mlekarna/Maribor							07 Drava-Mura	111900000000000	Drava	1	11	126	349	242	0.76					2.4		
11505	Pivovarna Lasko							08 Sava	112200000000000	Sava	1	28	422	937	622								
11506	Papir Radece							08 Sava	112200000000000	Sava	3	3	1573	203	75	2					1.2		
11507	VIPAP Videm Krsko							08 Sava	112200000000000	Sava	3	272	20127	21718	5954	4.27							
11508	Farma Ihan/ Domzale							08 Sava	112200000000000	Sava	10	5	83	322	100								
11509	IUV Vhrnika							08 Sava	112200000000000	Sava	9	23	360	1317	496	31					2.5		435

AV code	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	Remarks
11501	3110																								1.7	paper industry
11502	299				0.2				0.5																	pig farm
11503	32																									slaughter house
11504	33																									dairy
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	364		1.1									3.7														leather ind.; 500 pe of inh. + 100000 pe of ind.; Cr:Cr(tot)

Emission Inventory 2000
Municipal Discharges

Ukraine

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	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		
12001	Chernivtsi	48	18		25	56		14 Prut-Siret	114400000000000	Prut	355		x	x			285	16648
12002	Izmail	45	20		28	50		15 Delta-Liman	100000000000000	Danube	65		x	x			158	3874
12003	Kolomiya	48	30		25	10		14 Prut-Siret	114400000000000	Prut	75		x	x			56	5442
12004	Mukachevo	48	28		22	31		09 Tisa	112101303000000	Latoritsa	92		x	x			122	9700
12005	Uzhgorod	48	35		22	33		09 Tisa	112101301000000	Uzh	305		x	x			188	28916

AV Code	Total load discharged into receiving waters (t/a)					Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	BOD	COD	N	NH4-N	P	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
12001	264	451	154	46.1	6.61	450	Mar 2002		2006		6.57						
12002	8.4	244	5		26	158	May 2003		2005		3.54						
12003	53.7	223	106	4.8	35	169	Aug 2002		2005		1.2						
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

Ukraine

AV code	Name of the plant/location	Latitude			Longitude			Riverbasin	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
12501	Cardboard factory, Rachiv	48	3		24	37		09 Tisa	112100000000000	Tissa	3	1318	260.6	60	20	10	1	12			1
12502	Forest exploration factory, Velyky Bichkov	47	58		24	44		09 Tisa	112100000000000	Tissa	3	92	60.2	3	1	1				1	
12503	Forest exploration factory, Teresva	47	59		23	1		09 Tisa	112100000000000	Tissa	3	68	80	1	10		1	1			
12504	Cardboard - Paper factory, Izmail	48	0		23	52		15 Delta-Liman	100000000000000	Danube	3	4220	454	25	8	2					1

AV code	Cl	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	Remarks
12501	36		82																				31					
12502	4		1															0										
12503	4		2																				3					
12504			11.6													0.4							613.9					

Emission Inventory 2000
Municipal Discharges

Yugoslavia

AV Code	Discharger/location	Latitude			Longitude			Riverbasin	Rivercode	Main river	Raw water load (TPE)	Current Treatment					Current capacity of WWTP (TPE)	Waste water volume discharged (Tm3/a)	Total load discharged into receiving waters (t/a)				
		deg	min	sec	deg	min	sec					K	M	B	N	P			BOD	COD	N	NH4-N	P
13001	City of Belgrade (sum)							10 Banat-Eastern Serbia	100000000000000	Danube	2055	x					0	187500	45005	# 112511	7533		1697
13006	Novi Sad I (Left Bank)							06 Pannonian Central Danube	100000000000000	Danube	287	x					0	31142	6285	# 15713	988		298
13007	Nis							11 Velika Morava	112400206000000	Nisava	269	x					0	28335	5891	# 14728	826		289
13008	Pristina							11 Velika Morava	112400102010000	Sitnica	181	x					0	16500	3959	# 9910	570		148
13009	Zrenjanin							09 Tisa	112102500000000	Begej	190	x					0	15750	4161	# 10403	975		226
13010	Pancevo							10 Banat-Eastern Serbia	100000000000000	Danube	168	x					0	12614	3679	# 9198	571		190
13011	Vrbas/Kula/Crvenka (REG)							09 Tisa	112102300000000	DTD Kanal	164	x					0	9450	3592	# 8979	547		151
13012	Leskovac							11 Velika Morava	112400200000000	J. Morava	146	x					0	12600	3093	# 7994	295		132
13013	Krusevac							11 Velika Morava	112400100000000	Z. Morava	141	x					0	10100	3088	# 7720	333		79
13014	Cacak							11 Velika Morava	112400100000000	Z. Morava	125	x					0	10930	2740	# 6844	410		139
13015	Indjija-Pasova (REG)							06 Pannonian Central Danube	100000000000000	Danube	110	x					0	7620	2409	# 6023	362		61
13016	Sabac							08 Sava	112200000000000	Sava	97	x					0	8500	2124	# 5311	287		113
13017	Vranje							11 Velika Morava	112400200000000	J. Morava	94	x					0	9450	2059	# 5147	286		92
13018	Valjevo (CW)							08 Sava	112202200000000	Kolubra	86	x					0	8750	1883	# 4709	293		122
13019	Novi Pazar							11 Velika Morava	112400100000000	Z. Morava	82	x					0	7600	1800	# 4490	252		101
13020	Subotica							09 Tisa	112102200000000	Palic & Ludos Lak	190		x	x			110	17350	4161	# 1876	696		187
13021	UPice							11 Velika Morava	112400100000000	Z. Morava	71	x					0	6300	1555	# 3887	222		62
13022	Zajecar							10 Banat-Eastern Serbia	112900000000000	V. Timok	67	x					0	5635	1461	# 3668	205		55
13023	Senta (GR)							09 Tisa	112100000000000	Tisa	64	x					0	3690	1402	# 3504	238		55
13024	Bor							10 Banat-Eastern Serbia	112900300000000	Borska r.	64	x					0	5494	1398	# 3504	145		43
13025	Pirot							11 Velika Morava	112400206000000	Nisava	62	x					0	6106	1361	# 3395	240		56
13026	Pljevlja							08 Sava	112201803000000	Cehotina	32	x					0	4493	704	# 1752	115		38
13027	RoPaje							11 Velika Morava	112400102000000	Ibar	18	x					0	1575	394	# 986	38		12
13028	Blace							11 Velika Morava	112400205010000	Blatasnica	15		x	x			5	1250	329	# 159	48		15
13029	Kolasin							08 Sava	112201802000000	Tara	9	x					0	956	195	# 493	35		7
13030	Mojkovac							08 Sava	112201802000000	Tara	6	x					0	630	131	# 329	19		5
13031	Gusinje							08 Sava	112201802010000	Plavsko Lake	4	x					0	721	88	# 219	20		5
13032	S. Mitrovica							08 Sava	112200000000000	Sava	81	x					0	6300	1776	# 4435	292		75
13033	Kraljova							11 Velika Morava	112400100000000	Z. Morava	77	x					0	6300	1688	# 4216	241		62
13034	Smederova							10 Banat-Eastern Serbia	100000000000000	Danube	72		x				0	5169	1572	# 3942	260		94
13035	K. Mitrovica							11 Velika Morava	112400102000000	Ibar	66	x					0	5040	1438	# 3614	178		77
13036	PoParevac							11 Velika Morava	112400000000000	V. Morava	59		x	x			10	4433	1297	# 649	195		89
13037	KnjaPevac							10 Banat-Eastern Serbia	112900000000000	B. Timok	52	x					0	3150	1121	# 2847	125		55
13038	Gnjilane							11 Velika Morava	112400201000000	Bin. Morava	49	x					0	4090	1077	# 2683	105		34
13039	Vladicin Han							11 Velika Morava	112400200000000	J. Morava	40	x					0	2520	884	# 2190	88		38
13040	Prokuplje							11 Velika Morava	112400205000000	Toplica	41	x					0	3175	887	# 2245	122		34
13041	Bijelo Polje							08 Sava	112201805000000	Lim	39	x					0	4730	861	# 2135	108		31
13042	Pozega							11 Velika Morava	112400100000000	Z. Morava	38	x					0	2520	836	# 2081	86		31
13043	Cuprija							11 Velika Morava	112400000000000	V. Morava	35	x					0	2849	761	# 1916	102		29
13044	Berane							08 Sava	112201805000000	Lim	31	x					0	4600	691	# 1697	101		28
13045	Ruma							08 Sava	112200000000000	Sava	27		x	x			5	2500	591	# 297	93		22
13046	Lazarevac							08 Sava	112202200000000	Kolubara	25	x					0	2186	547	# 1369	83		21
13047	Sjenica							08 Sava	112201805010000	Vapa	23	x					0	1969	505	# 1259	65		15
13048	Lipljan							11 Velika Morava	112400102010000	Sitnica	22	x					0	1929	490	# 1205	72		21
13049	Loznica							08 Sava	112201800000000	Drina	38	x					0	1973	819	# 2081	70		29
13050	Novi Sad II (desna obala)							06 Pannonian Central Danube	100000000000000	Danube	31	x					0	2100	669	# 1697	79		16
13051	Prijepolje							08 Sava	112201805000000	Lim	30	x					0	2177	659	# 1643	73		26
13052	Priboj							08 Sava	112201805000000	Lim	28	x					0	2520	603	# 1533	59		31
13053	Kovin							10 Banat-Eastern Serbia	100000000000000	Danube	22	x					0	1580	480	# 1205	54		15
13054	Ivanjica							11 Velika Morava	112400101000000	Moravica	18	x					0	1775	388	# 986	45		17

\# Estimated data by the Consultant concerning the current situation (1996)

* Estimated data by the Consultant concerning the future situation (2007)

AV Code	Final capacity	Start of construction		Start of operation		Cost estimate (million EUR)		Estimated level of remaining pollution (t/a)				Remarks
	(TPE)	B	N/P	B	N/P	B	N/P	BOD	COD	N	P	
13001	2060							* 1350	* 9001	* 5401	* 900	
13006	350							* 189	* 1257	* 754	* 126	protection of drinking water resource, protection of recreation area
13007	300							* 177	* 1178	* 707	* 118	low dilution rate, influence on the aquatic ecosystem
13008	250							* 119	* 793	* 476	* 79	low dilution rate, influence on the aquatic ecosystem
13009	200							* 125	* 832	* 499	* 83	low dilution rate, influence on the aquatic ecosystem
13010	200							* 110	* 736	* 442	* 74	transboundery effect, influence on the aquatic ecosystem
13011	180							* 108	* 718	* 431	* 72	protection of irrigation system, protection of fish ponds & Tisa River
13012	160							* 96	* 639	* 384	* 64	low dilution rate, influence on the aquatic ecosystem
13013	150							* 93	* 618	* 371	* 62	low dilution rate, influence on the aquatic ecosystem
13014	150							* 82	* 548	* 329	* 55	protection of drinking water resource, low dilution rate
13015	110							* 72	* 482	* 289	* 48	protection of drinking groundwater resource
13016	100							* 64	* 425	* 255	* 42	protection of drinking water resource
13017	100							* 62	* 412	* 247	* 41	protection of drinking water resource, low dilution rate
13018	100							* 57	* 377	* 226	* 38	protection of drinking water resource, low dilution rate
13019	100							* 54	* 359	* 215	* 36	protection of drinking water resource, low dilution rate
13020	200							* 249	* 1657	* 499	* 83	protection of ecosystem & bird reserve, protection of recreation area
13021	75							* 47	* 311	* 187	* 31	low dilution rate, transboundary effect
13022	75							* 44	* 293	* 176	* 29	protection of Tisa River
13023	75							* 42	* 280	* 168	* 28	low dilution rate, transboundary effect
13024	75							* 42	* 280	* 168	* 28	protection of drinking water resource, low dilution rate
13025	75							* 41	* 272	* 163	* 27	protection of drinking water resource, low dilution rate
13026	50							* 21	* 140	* 84	* 14	protection of drinking water resource, low dilution rate
13027	25							* 12	* 79	* 47	* 8	protection of drinking water resource, low dilution rate
13028	20							* 20	* 131	* 39	* 7	protection of reservoir for water supply, low dilution rate
13029	10							* 6	* 39	* 24	* 4	protection of Tara River Canyon Reserve of Nature (UNESCO)
13030	10							* 4	* 26	* 16	* 3	protection of Tara River Canyon Reserve of Nature (UNESCO)
13031	5							* 3	* 18	* 11	* 2	protection of Plavsko Lake (Reserve of Nature)
13032	100							* 53	* 355	* 213	* 35	protection of drinking water resource
13033	100							* 51	* 337	* 202	* 34	low dilution rate, influence on ecosystem
13034	100							* 94	* 628	* 189	* 32	transboundery effect, influence on the aquatic ecosystem
13035	75							* 43	* 289	* 173	* 29	protection of drinking water resource, low dilution rate
13036	75							* 77	* 515	* 155	* 26	low dilution rate, influence on ecosystem
13037	60							* 34	* 228	* 137	* 23	low dilution rate, influence on ecosystem
13038	60							* 32	* 215	* 129	* 21	protection of drinking water resource, low dilution rate
13039	50							* 26	* 175	* 105	* 18	protection of drinking water resource, low dilution rate
13040	50							* 27	* 180	* 108	* 18	protection of drinking water resource, low dilution rate
13041	50							* 26	* 171	* 102	* 17	low dilution rate, influence on ecosystem
13042	45							* 25	* 166	* 100	* 17	low dilution rate, influence on ecosystem
13043	40							* 23	* 153	* 92	* 15	protection of drinking water resource, low dilution rate
13044	40							* 20	* 136	* 81	* 14	protection of drinking water resource, low dilution rate
13045	30							* 35	* 237	* 71	* 12	protection of drinking water resource, low dilution rate
13046	30							* 16	* 110	* 66	* 11	protection of drinking water resource, low dilution rate
13047	25							* 15	* 101	* 60	* 10	low dilution rate, protection of potential water supply reservoir
13048	25							* 14	* 96	* 58	* 10	protection of drinking water resource, low dilution rate
13049	50							* 25	* 166	* 100	* 17	protection of potential water supply resource
13050	40							* 20	* 136	* 81	* 14	protection of potential water supply resource
13051	40							* 20	* 131	* 79	* 13	protection of potential water supply resource
13052	40							* 18	* 123	* 74	* 12	protection of nature & the recreation area
13053	25							* 14	* 96	* 58	* 10	protection of nature & the recreation area
13054	25							* 12	* 79	* 47	* 8	low dilution rate, influence on ecosystem

\# Estimated data by the Consultant concerning the current situation (1996)

* Estimated data by the Consultant concerning the future situation (2007)