NRA-Water Quality 18

CONTAMINANTS ENTERING THE SEA
Data Appendix

National Rivers Authority

NRA

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Data Appendix

DATA ON CONTAMINANT LOADS ENTERING THE SEAS AROUND ENGLAND AND WALES FOR THE YEARS 1990-1993

Report of the
National Rivers Authority

May 1995

Appendix to Water Quality Series Report No. 24

Produced by TaPS (Toxic and Persistent Substances) National Centre

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THE DATA

STATUS:
This data appendix is issued in support of the NRA's Water Quality Series Report No.24 "Contaminants entering the sea". It should be read in conjunction with that report. The data in the appendix have a validation data of February 1995. The validation date of the data in the main report is November 1994. There may be slight differences between the two.

FORM:
The data are presented as summary statistics for each of the ICES (International Council for the Exploration of the Seas) zones around the English and Welsh coastlines. These zones may be stretches of coastline or individual estuaries. For example, ICES zone E7a is the Humber Estuary. The map shows the area that each zone covers. For each ICES zone inputs are recorded for three types of discharge;

- Industrial;
- Sewage;
- River.

The number of inputs within each zone differs. The zones can be grouped into sea regions by aggregating them; ie.

- North Sea (zones 1-12);
- English Channel (13-18);
- Bristol Channel (19-23); and
- Irish Sea (24-30).

These are the sea regions used in the Report. For North Sea Declaration purposes the North Sea is defined as including the English Channel. The raw data that have been used to derive these summary statistics are available on the NRA's public registers.

LOADS:
For both Paris Commission (PARCOM) and Annex 1A purposes two sets of load estimates are derived. The first set treats results recorded as less than the limit of detection as having a true concentration of zero. The second set treats such results as having a true concentration of the limit of detection. The two sets are identified as being the low annual load and the high annual load figures.

PARCOM:
The determinands listed in the appendix include all those asked for by the Commission, except for suspended solids and salinity. Nitrogen is presented as ammonia (NH_3), nitrate (NO_3), nitrite (NO_2) and/or total oxidised nitrogen (TON). The total N parameter is taken to be total inorganic nitrogen. This has been calculated either as the summation of NH_3, NO_3 and NO_2 or NH_3 and TON. Total phosphorus is taken to be the same as orthophosphate.

ANNEX 1A:
The determinands listed in the appendix are those produced by the North Sea Conference members at their Third Conference in 1990. The 1990 Annex 1A dataset is effectively the 'Red List' and the inputs returned are for 6 months monitoring only.

Details of the parameters monitored by the National Rivers Authority for the various international agreements, including PARCOM and Annex 1A are shown in the table 'UK and North Sea monitoring requirements'.

CAVEATS:
Some discrepancies and anomalies will exist within the data tables. In particular the following points should be borne in mind:

i) The sites monitored for Paris Commission purposes are not necessarily the same as those monitored for Annex 1A purposes. Thus, for the same substance, the load quoted in the Paris data table may differ from that quoted in the A1A data table.

ii) Both surveys are reviewed and rationalised each year in line with survey objectives. Thus the number of sites varies year by year. Similarly not all sites are

monitored for all substances. Overall each survey is expected to measure at least 90% of the total load of each substance.

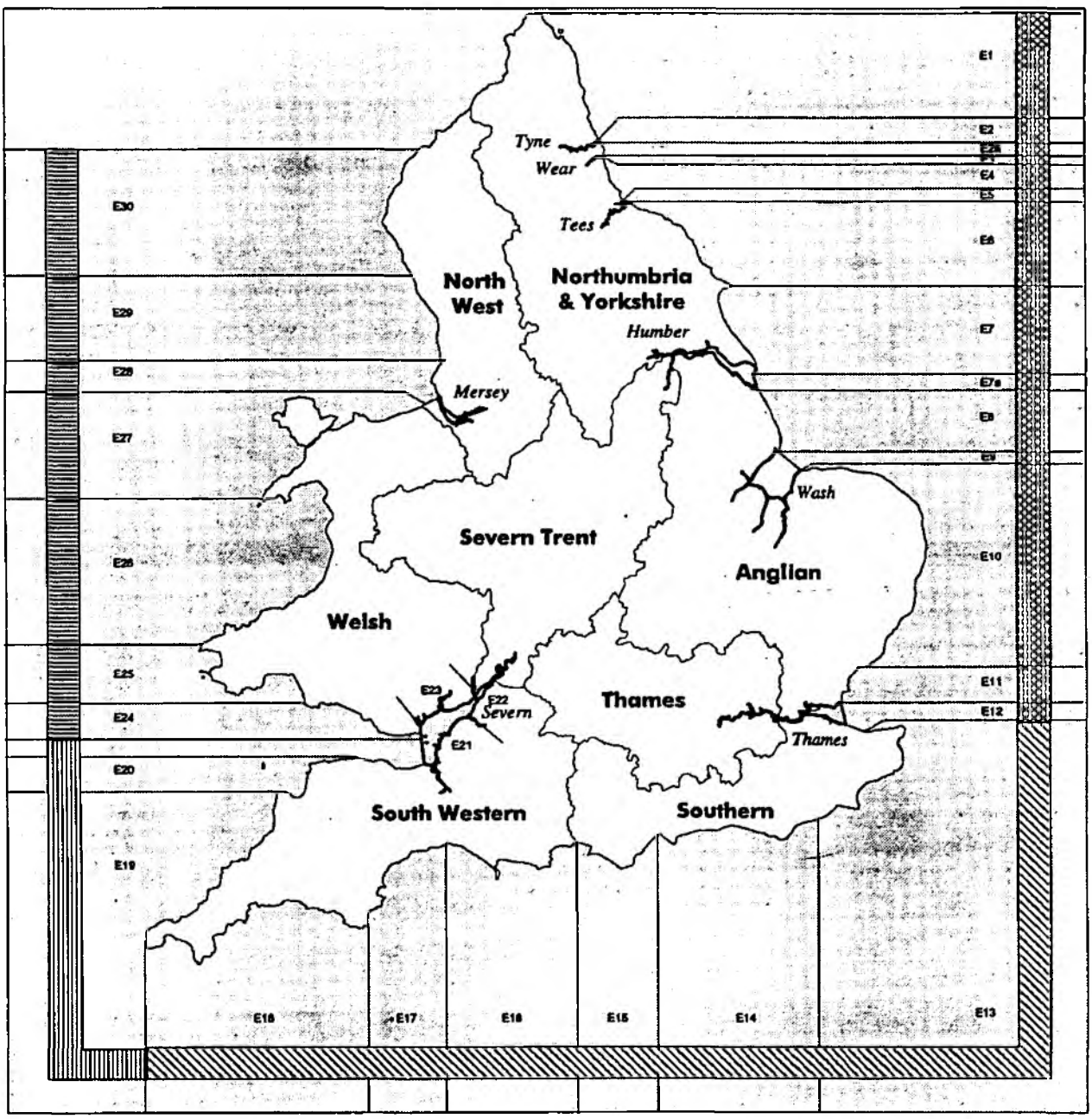
iii) In the data tables where a zone or row is not present, or where a column is blank, then no analysis has been carried out. Where a zero occurs then an analysis has been carried out but either no measurable amount has been found or the load figure is 0.5 or less and it has been rounded to zero.

iv) Some nitrite and nitrate figures appear in the data tables without a corresponding entry for total oxidised nitrogen (TON) and vice-versa. Thus there is no overall link between the TON loads quoted and those for nitrate and nitrite. Where a total nitrogen figure is quoted then the appropriate individual nitrogen figures have been unravelled and summed to give a valid total. For phosphorus, for most ICES regions, only orthophosphate has been determined. However other forms of phosphorus have occasionally been determined and results quoted as total (or total inorganic) phosphorus. Again there is no overall link between the total figure and the orthophosphate figure.

v) PCBs and organic tin can be determined generically (as total PCBs or total organic tin) or in some of their separate forms: usually as the seven most common PCB congeners and as tributyl and triphenyl tin. Yet again there is no link between any total figures quoted in the data tables and the separate figures quoted.

vi) Over the years analytical methods change and the laboratories at which the work is done change. Inevitably this has some effect on comparability across the years. Similarly in any large database there will be some errors. However rigorous checks are made on the Paris and A1A data on a continuing basis. Also, due to the aggregated way in which the data is presented, it is likely that any remaining errors are broadly self cancelling such that the overall picture is true.

Boundaries of the ICES coastal zones and sea regions around England & Wales



North Sea

Bristol Channel

English Channel

Irish Sea

UK and North Sea monitoring requirements

	LIST 1	LIST 2	Red List	Annex 1A	PARCOM	NSTF
METALS						
Mercury (Hg)	****		**** 1	****	****	****
Cadmium (Cd)	****		**** 1	****	****	****
Copper (Cu)		****		****	****	****
Zinc (Zn)		****		****	****	****
Lead (Pb)		****		****	****	****
Tributyltin (TBT)			****	****		
Triphenyltin (TPT)			****	****		
Organotins		****				
Chromium (Cr)		****		****		****
Nickel (Ni)		****		****		****
Arsenic (As)		****		****		****
Iron (Fe)		****				
Boron (B)		****				
Vanadium (V)		****				
PCBs						
PCBs			****			****
PCB 28					****	
PCB 52					****	
PCB 101					****	
PCB 118					****	
PCB 138					****	
PCB 153					****	
PCB 180					****	
PESTICIDES						
Hexachlorocyclohexane	****			****		****
Gamma-HCH (Lindane)			****		****	
DDT	****		****	****		
Drins				****		****
Aldrin	****		****			
Dieldrin	****		****			
Endrin	****		****			
Isodrin	****					
Trifluralin			****	****		
Trichlorobenzene	****		****	****		
Trichloroethylene	****			****		
Tetrachloroethylene	****			****		
Hexachlorobenzene	****		****	****		
Hexachlorobutadiene	****		****	****		
Carbon Tetrachloride	****			****		
Chloroform	****			****		
Endosulfan			****	****		
Dichlorvos			****	****		
Fenitrothion			****	****		
Fenthion				****		
Malathion			****	****		
Parathion				****		
Parathion-methyl				****		
Azinphos-ethyl				****		
Azinphos-methyl			****	****		
Atrazine			****	****		
Simazine			****	****		
Pentachlorophenol	****		****	****		
1,2 Dichloroethane	****		****	****		
Trichloroethane				****		
Mothproofing Agents		****				
Dioxins				****		
NUTRIENTS						
Ammonia						****
Nitrate					****	
Nitrite						****
Total Oxidised Nitrogen						****
Total Nitrogen					****	
Orthophosphate						
Total Inorganic Phosphate					****	
Total Phosphorus					****	****
Silica						****
MISCELLANEOUS						
SPM					****	****
Temperature						****
Salinity					****	****
pH		****				
Dissolved Oxygen						****
Note: 1. all Compounds						

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E1	Industrial	LOW	6	49883	102	94	2929	24457	5993					
	Industrial	HIGH	6	49883	102	95	2930	24457	6014					
	Sewage	LOW	5	36918	25	41	1208	5374	364					
	Sewage	HIGH	5	36918	25	45	1208	5374	386					
	Rivers	LOW	4	6476274	402	150	5334	48565	1629					
	Rivers	HIGH	4	6476274	402	162	5341	48565	1637					
	Total	LOW	15	6563075	529	285	9471	78396	7986					
	Total	HIGH	15	6563075	529	302	9479	78396	8038					
E2	Industrial	LOW	7	4966	5	14	257	12818	751					
	Industrial	HIGH	7	4966	5	15	258	12818	753					
	Sewage	LOW	3	220586	15	80	13219	15850	3185					
	Sewage	HIGH	3	276157	22	285	19583	19668	4551					
	Rivers	LOW	3	3609824	297	238	3254	113180	12226					
	Rivers	HIGH	3	3609824	297	238	3254	113180	12226					
	Total	LOW	13	3835378	317	332	16730	141849	16163					
	Total	HIGH	13	3890947	324	537	23095	145667	17529					
E2a	Industrial	LOW	1	14700	1	14	125	115	67					
	Industrial	HIGH	1	14700	1	14	125	115	69					
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	14700	1	14	125	115	67					
	Total	HIGH	1	14700	1	14	125	115	69					
E3	Industrial	LOW	1	2000	0	10	28	254	50					
	Industrial	HIGH	1	2000	0	10	28	254	50					
	Sewage	LOW	2	21689	3	10	231	1397	218					
	Sewage	HIGH	2	21689	3	19	231	1397	254					
	Rivers	LOW	1	1041131	55	59	1266	26120	7597					
	Rivers	HIGH	1	1041131	55	60	1266	26120	7597					
	Total	LOW	4	1064820	58	79	1524	27770	7864					
	Total	HIGH	4	1064820	58	89	1524	27770	7901					
E4	Industrial	LOW	1	33436	2	32	195	391	220					
	Industrial	HIGH	1	33436	2	32	195	391	220					
	Sewage	LOW	6	72292	74	57	2342	7962	745					
	Sewage	HIGH	6	72292	74	67	2342	7962	829					
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	7	105728	75	88	2537	8353	965					
	Total	HIGH	7	105728	75	99	2537	8353	1049					

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E5	Industrial	LOW	21	207767	310	297	45482	63753	6028					
	Industrial	HIGH	21	297767	322	612	46106	117894	16706					
	Sewage	LOW	7	164364	21	69	3543	12084	1375					
	Sewage	HIGH	7	203957	25	165	4602	14579	2069					
	Rivers	LOW	2	388078	48	25	335	5258	523					
	Rivers	HIGH	2	388078	54	25	357	5745	575					
	Total	LOW	30	760210	380	391	49360	81095	7927					
	Total	HIGH	30	889803	401	603	51054	138218	19350					
E6	Industrial	LOW	1	23752	12	368	14731	65677	5679	0	0	0	0	0
	Industrial	HIGH	1	23752	13	649	14805	65677	6396	45	45	45	45	45
	Sewage	LOW	2	14968	1	8	251	4263	87	0	0	0	0	0
	Sewage	HIGH	2	14968	1	22	341	4263	411	11	11	11	11	11
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	3	38720	13	376	14962	69940	5767	0	0	0	0	0
	Total	HIGH	3	38720	14	671	15147	69940	6807	56	56	56	56	56
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	22604	0	0	1292	1807	64	0	0	0	0	0
	Sewage	HIGH	1	22604	6	69	1292	1807	1624	44	44	44	44	44
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	22604	0	0	1292	1807	64	0	0	0	0	0
	Total	HIGH	1	22604	6	69	1292	1807	1624	44	44	44	44	44
E7a	Industrial	LOW	15	116342	99	624	27517	542065	21867	7	0	0	0	0
	Industrial	HIGH	15	116342	100	766	29335	542066	23489	142	137	137	137	142
	Sewage	LOW	4	240002	12	65	5970	24882	2104	0	0	0	0	0
	Sewage	HIGH	4	240002	31	310	7174	24882	7197	220	220	220	220	220
	Rivers	LOW	8	14055814	71	93	64741	212419	48306	0	4540	671	0	0
	Rivers	HIGH	8	14055814	1529	2597	66144	216169	53787	74030	77233	74294	73958	73958
	Total	LOW	27	14412158	182	782	98228	779366	72277	7	4540	671	0	0
	Total	HIGH	27	14412158	1660	3673	102653	783117	84473	74391	77590	74850	74315	74320
E9	Industrial	LOW	1	898	0					0	0	0	0	0
	Industrial	HIGH	1	898	0					3	3	3	3	3
	Sewage	LOW	5	93379	1	2	473	678	46					
	Sewage	HIGH	5	93379	2	5	473	1525	153					
	Rivers	LOW	7	1224679	13	104	2892	7893	2239	0	0	0	0	0
	Rivers	HIGH	7	1224679	25	130	2972	7898	2369	1219	1219	1219	1219	791
	Total	LOW	13	1318856	15	106	3365	8571	2288	0	0	0	0	0
	Total	HIGH	13	1318956	27	135	3446	9423	2522	1223	1223	1223	1223	795

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	98331	11	17	1951	3870	475					
	Sewage	HIGH	3	98331	12	17	1951	3870	475					
	Rivers	LOW	6	827735	8	37	892	2476	376	0	0	0	0	0
	Rivers	HIGH	6	827735	17	57	910	2478	485	1357	1357	1357	1357	1357
	Total	LOW	9	926066	19	54	2843	6346	850	0	0	0	0	0
	Total	HIGH	9	926066	29	74	2861	6347	960	1357	1357	1357	1357	1357
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	69859	1	4	272	711	164					
	Sewage	HIGH	4	69859	1	6	272	748	171					
	Rivers	LOW	3	126593	1	1	123	331	37	0	0	0	0	0
	Rivers	HIGH	3	126593	2	3	123	331	41	98	98	98	98	98
	Total	LOW	7	196452	1	5	395	1041	201	0	0	0	0	0
	Total	HIGH	7	196452	3	8	395	1079	212	98	98	98	98	98
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	2415457	9	145	2677	61349	2427	18893	27353	20715	0	1432
	Sewage	HIGH	6	2415457	91	536	9975	61410	5429	22378	30331	23443	4272	5113
	Rivers	LOW	10	4390033	3	161	4748	54639	1498	64	3617	1641	43	0
	Rivers	HIGH	10	4390033	128	216	12218	54739	2644	1829	5080	3122	1838	1804
	Total	LOW	16	6805490	12	306	7425	115986	3925	18958	30970	22356	43	1432
	Total	HIGH	16	6805490	219	752	22193	116149	6072	24207	35411	26565	6110	6917
E13	Industrial	LOW	10	69049	5	40	1259	6008	236	111	54	43	15	38
	Industrial	HIGH	10	69049	133	451	1390	6039	2143	211	162	157	141	151
	Sewage	LOW	11	210369	10	184	8305	18516	681	246	514	89	105	109
	Sewage	HIGH	11	210369	11	1584	8430	18616	7677	702	936	766	543	547
	Rivers	LOW	3	505914	3	28	539	16827	659	53	0	46	0	0
	Rivers	HIGH	3	505914	4	713	1232	17128	4302	717	702	719	850	702
	Total	LOW	24	785332	18	251	10103	41351	1576	411	568	178	120	147
	Total	HIGH	24	785332	148	2749	11053	41782	14122	1629	1800	1642	1534	1401
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	10	173742	2	115	13839	16622	1756	16	138	613	0	113
	Sewage	HIGH	10	173742	15	358	13839	16627	4480	296	399	839	122	360
	Rivers	LOW	5	632946	4	74	421	2930	614	5	268	556	0	0
	Rivers	HIGH	5	699282	37	768	2813	3491	9191	699	821	1105	1302	720
	Total	LOW	15	806688	7	189	14260	19551	2370	21	406	1168	0	113
	Total	HIGH	15	873024	52	1126	16653	20118	13671	995	1220	1945	1424	1080

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E15	Industrial	LOW	3	23185	8	119	624	1898	356	89	6	59	0	1
	Industrial	HIGH	3	23185	8	128	624	1901	398	235	163	196	169	160
	Sewage	LOW	7	239490	3	56	9769	9314	3268	547	1138	1033	29	69
	Sewage	HIGH	7	239490	4	128	9811	9320	4349	809	1412	1403	442	465
	Rivers	LOW	3	462833	3	3	305	2082	45	280	232	180	0	82
	Rivers	HIGH	3	462833	4	53	1737	2211	191	1031	1005	962	765	875
	Total	**LOW**	**13**	**725508**	**14**	**179**	**10698**	**13294**	**3670**	**916**	**1376**	**1272**	**29**	**152**
	Total	**HIGH**	**13**	**725508**	**15**	**310**	**12172**	**13431**	**4938**	**2075**	**2579**	**2562**	**1376**	**1500**
E16	Industrial	LOW	2	78306		0	245	131	65	1	1	1	0	0
	Industrial	HIGH	2	78306		0	245	138	68	4	4	4	4	4
	Sewage	LOW	4	121381		11	2061	2746	419	0	0	0	0	0
	Sewage	HIGH	4	121381		15	2061	2746	662	287	287	287	287	287
	Rivers	LOW	3	1249592		31	1054	4997	691	0	0	0	0	0
	Rivers	HIGH	3	1249592		111	1163	5002	941	3414	4255	4255	4255	4255
	Total	**LOW**	**9**	**1449279**		**43**	**3359**	**7873**	**1175**	**1**	**1**	**1**	**0**	**0**
	Total	**HIGH**	**9**	**1449279**		**126**	**3488**	**7886**	**1671**	**3705**	**4546**	**4546**	**4546**	**4546**
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	73542	5	10	1678	2657	540	0	0	0	0	0
	Sewage	HIGH	5	73542	6	10	1678	2657	540	494	494	494	494	494
	Rivers	LOW	5	3533937	11	185	4615	32882	8355	0	0	0	0	0
	Rivers	HIGH	5	3533937	19	192	4615	32888	8389	10810	10810	10810	10810	10810
	Total	**LOW**	**10**	**3607479**	**16**	**195**	**6292**	**35539**	**8895**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**10**	**3607479**	**25**	**202**	**6292**	**35545**	**8929**	**11304**	**11304**	**11304**	**11304**	**11304**
E18	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	48273	2	4	572	1581	185	0	0	0	0	0
	Sewage	HIGH	4	48273	2	4	572	1581	185	215	214	214	214	214
	Rivers	LOW	12	3848739	14	883	39691	323805	4278	0	0	0	0	0
	Rivers	HIGH	12	3848739	61	896	39693	323827	4316	8339	8332	8332	8332	8332
	Total	**LOW**	**16**	**3897011**	**15**	**887**	**40263**	**325386**	**4463**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**16**	**3897011**	**63**	**901**	**40265**	**325408**	**4501**	**8554**	**8546**	**8546**	**8546**	**8546**
E19	Industrial	LOW	1	3420	0	2	3059	420	13					
	Industrial	HIGH	1	3420	0	2	3059	420	13					
	Sewage	LOW	3	18335	4	19	466	17819	485	0	0	0	0	0
	Sewage	HIGH	3	18335	4	19	537	17819	514	89	89	89	89	89
	Rivers	LOW	4	773602	9	96	4218	33237	2574	0	0	0	0	0
	Rivers	HIGH	4	773602	20	100	4223	33267	2590	1863	1863	1863	1863	1863
	Total	**LOW**	**8**	**795357**	**13**	**117**	**7743**	**51476**	**3072**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**795357**	**25**	**121**	**7819**	**51506**	**3116**	**1952**	**1952**	**1952**	**1952**	**1952**

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	7219	0	1	116	239	76	0	0	0	0	0
	Sewage	HIGH	1	7219	0	1	116	239	76	31	31	31	31	31
	Rivers	LOW	2	2883404	7	93	2709	17822	1770	0	0	0	0	0
	Rivers	HIGH	2	2883404	16	99	2709	17822	1824	7885	7885	7885	7885	7885
	Total	LOW	3	2890623	7	94	2825	18061	1846	0	0	0	0	0
	Total	HIGH	3	2890623	16	100	2825	18061	1901	7915	7915	7915	7915	7915
E21	Industrial	LOW	2	18974	0	1	285	1279	111	0	21	0	0	0
	Industrial	HIGH	2	18974	0	7	295	1426	121	64	64	64	64	64
	Sewage	LOW	3	59876	0	10	1227	2042	189	0	0	0	0	0
	Sewage	HIGH	3	59876	1	18	1386	2565	234	121	121	121	121	121
	Rivers	LOW	3	287591	1	8	483	1140	126	0	0	0	0	0
	Rivers	HIGH	3	287591	3	35	483	1187	228	2200	2200	2200	668	2200
	Total	LOW	8	366440	1	19	1996	4461	426	0	21	0	0	0
	Total	HIGH	8	366440	4	60	2164	5179	584	2385	2385	2385	853	2385
E22	Industrial	LOW	4	152618	4	1470	163	5431	624	0	0	0	0	0
	Industrial	HIGH	4	152618	7	1470	164	5456	626	24	24	24	24	24
	Sewage	LOW	3	236026	20	3295	5458	111849	3571	93	93	93	93	393
	Sewage	HIGH	3	236026	21	3295	5458	111849	3571	706	706	706	706	1005
	Rivers	LOW	2	7082048	249	1348	30081	145545	26853	36192	46277	58545	34752	34752
	Rivers	HIGH	2	7082048	252	1350	30081	145545	26857	37320	47404	59673	35879	35879
	Total	LOW	9	7470692	274	6113	35701	262825	31048	36286	46370	58639	34848	35145
	Total	HIGH	9	7470692	280	6114	35702	262850	31054	38050	48134	60403	36609	36909
E23	Industrial	LOW	6	116414	3	43	908	12683	914	545	286	96	76	128
	Industrial	HIGH	6	116414	5	44	908	12683	914	9521	9262	9071	9052	9103
	Sewage	LOW	11	478663	7	382	9496	37296	3793	0	0	0	0	0
	Sewage	HIGH	11	478663	15	382	9496	37296	3793	3544	3398	3398	3398	3398
	Rivers	LOW	7	11130890	3	1025	9970	83693	79535	0	0	0	0	0
	Rivers	HIGH	7	11130890	414	1185	10340	83698	82628	30597	30597	30597	30597	30597
	Total	LOW	24	11725967	13	1451	20374	133672	84242	545	286	96	76	128
	Total	HIGH	24	11725967	434	1511	20744	133677	87335	43662	43257	43068	43047	43096
E24	Industrial	LOW	7	74662	6	90	3330	107334	5067	0	0	0	0	0
	Industrial	HIGH	7	74662	6	90	3330	107334	5067	492	492	492	492	492
	Sewage	LOW	11	293749	2	40	3206	12849	2397	0	0	0	0	0
	Sewage	HIGH	11	293749	6	49	3207	12850	2423	2140	2140	2140	2140	2140
	Rivers	LOW	8	2324871	1	206	8209	59332	3737	218	218	218	218	218
	Rivers	HIGH	8	2324871	87	441	8209	59332	3940	5023	5023	5023	5023	5023
	Total	LOW	26	2693282	8	335	14746	179515	11201	218	218	218	218	218
	Total	HIGH	26	2693282	99	579	14746	179516	11429	7655	7655	7655	7655	7655

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E25	Industrial	LOW	7	2269190	16	76	8195	34055	1208	3	0	0	0	0
	Industrial	HIGH	7	2269190	17	76	8197	34060	1212	374	374	374	374	374
	Sewage	LOW	3	34885	0	3	77	899	87	77	30	0	0	0
	Sewage	HIGH	3	34885	1	4	79	899	90	372	324	315	315	315
	Rivers	LOW	6	3068434	1	59	6230	30453	3188	0	0	0	0	0
	Rivers	HIGH	6	3068434	88	183	6366	30453	3526	6987	6987	6987	6987	6987
	Total	LOW	16	5372509	17	138	14502	65407	4484	81	30	0	0	0
	Total	HIGH	16	5372509	105	264	14643	65413	4928	7733	7685	7676	7676	7676
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	8251	0	1	55	159	58	0	0	0	0	0
	Sewage	HIGH	1	8251	0	1	55	159	58	69	69	69	69	69
	Rivers	LOW	5	4130161	0	192	2760	83454	6881	0	0	0	0	0
	Rivers	HIGH	5	4130161	125	826	5138	83454	10790	5973	5973	5973	7430	5973
	Total	LOW	6	4138412	0	192	2815	83614	6938	0	0	0	0	0
	Total	HIGH	6	4138412	125	826	5193	83614	10848	6042	6042	6042	7409	6042
E27	Industrial	LOW	10	71478	0	33	446	7924	291	0	0	0	0	0
	Industrial	HIGH	10	71478	1	148	906	7939	681	1353	1353	1353	3	1353
	Sewage	LOW	7	71793	0	4	1078	3485	848	0	0	0	0	0
	Sewage	HIGH	7	71793	5	260	1855	3827	1744	3583	3583	3583	6331	3583
	Rivers	LOW	6	4053413	0	120	10163	45868	72	0	0	0	0	0
	Rivers	HIGH	6	4053413	130	1541	15457	46123	14996	4464	4464	4464	4904	4464
	Total	LOW	23	4196684	0	157	11687	57278	1211	0	0	0	0	0
	Total	HIGH	23	4196684	136	1950	18218	57889	17422	9400	9400	9400	11236	9400
E28	Industrial	LOW	4		2593						145	145		145
	Industrial	HIGH	4		2593						145	145		145
	Sewage	LOW	2	135529		28	1091							
	Sewage	HIGH	2	135529		28	1091							
	Rivers	LOW	3	4614400	492	371	17002	75361	17632					
	Rivers	HIGH	3	4614400	542	402	17002	75361	18818					
	Total	LOW	9	4749930	3085	399	18093	75361	17632	0	145	145	0	145
	Total	HIGH	9	4749930	3135	429	18093	75361	18818	0	145	145	0	145

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E29	Industrial	LOW	1		170									
	Industrial	HIGH	1		170									
	Sewage	LOW	1	121890		109								
	Sewage	HIGH	1	121890		109								
	Rivers	LOW	7	9832374	234	1107	17415	92544	20311					
	Rivers	HIGH	7	9832374	553	1147	17415	92832	29029					
	Total	LOW	9	9954264	404	1216	17415	92544	20311					
	Total	HIGH	9	9954264	723	1256	17415	92832	29029					
E30	Industrial	LOW	1	32955	6	21544	19147	305220	414					
	Industrial	HIGH	1	32955	7	21544	19147	305220	441					
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	6525669	314	413	7455	25106	4345					
	Rivers	HIGH	2	6525669	385	413	7455	26032	6801					
	Total	LOW	3	6558624	320	21957	26602	330326	4758					
	Total	HIGH	3	6558624	391	21957	26602	331252	7241					
Totals	Industrial	LOW	112	3363996	3343	24871	128925	1191913	49954	757	513	344	92	311
	Industrial	HIGH	112	3453996	3493	26153	132046	1246287	65380	12468	12227	12065	10508	12061
	Sewage	LOW	135	5803461	231	4769	91922	378299	29609	19873	29266	22543	228	2115
	Sewage	HIGH	135	5898625	383	7811	109116	386534	53944	36111	44811	38175	19850	18508
	Rivers	LOW	130	99080977	2242	7109	246903	1547961	256097	36813	55151	61857	35012	35052
	Rivers	HIGH	130	99147313	5247	13943	268715	1554880	310719	205856	223308	230938	206021	204573
	Total	LOW	377	108248434	5816	36749	467750	3118173	335659	57444	84930	84744	35332	37478
	Total	HIGH	377	108499634	9123	47907	509877	3187701	430044	254434	280346	281178	236379	235142

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E1	Industrial	LOW	6	49883					174985	6918	843		182746	263144
	Industrial	HIGH	6	49883					175110	7924	946		183981	263178
	Sewage	LOW	5	36918				382	487750	138073	27952		653775	406986
	Sewage	HIGH	5	36918				385	487750	138630	27954		654334	406986
	Rivers	LOW	4	6476274			0	11074	118379	3148785	56993		3324157	88680
	Rivers	HIGH	4	6476274			311756	12936	160413	3160531	62629		3383573	89804
	Total	**LOW**	**15**	**6563075**			**0**	**11458**	**781114**	**3293775**	**85788**		**4160677**	**758810**
	Total	**HIGH**	**15**	**6563075**			**311756**	**13320**	**823273**	**3307086**	**91529**		**4221888**	**759966**
E2	Industrial	LOW	7	4966				11	2666	3769	472		6906	714
	Industrial	HIGH	7	4966				11	2692	3789	482		0	716
	Sewage	LOW	3	220586				6745	2235310	71537	13891		2320738	403465
	Sewage	HIGH	3	276157				6762	3115983	92342	19462		1807522	521288
	Rivers	LOW	3	3609824			0	2453	293720	1215129	33150		1541999	102796
	Rivers	HIGH	3	3609824			704628	6267	331842	1230053	42408		1604303	104034
	Total	**LOW**	**13**	**3835378**			**0**	**9209**	**2531696**	**1290436**	**47512**		**3869644**	**506975**
	Total	**HIGH**	**13**	**3890947**			**704628**	**13040**	**3450517**	**1328184**	**62352**		**3411825**	**626038**
E2a	Industrial	LOW	1	14700					15547	5164	429		21140	121
	Industrial	HIGH	1	14700					15547	5298	429		21274	148
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**1**	**14700**					**15547**	**5164**	**429**		**21140**	**121**
	Total	**HIGH**	**1**	**14700**					**15547**	**5298**	**429**		**21274**	**148**
E3	Industrial	LOW	1	2000					27010	232	46		27287	111
	Industrial	HIGH	1	2000					27010	232	46		27287	115
	Sewage	LOW	2	21689				419	198277	18012	2495		218783	64321
	Sewage	HIGH	2	21689				423	198277	18311	2505		219092	64334
	Rivers	LOW	1	1041131				2292	84322	1258120	39845		1382286	90069
	Rivers	HIGH	1	1041131				3031	84911	1258120	42479		1385510	90069
	Total	**LOW**	**4**	**1084820**				**2710**	**309608**	**1276363**	**42385**		**1628356**	**154501**
	Total	**HIGH**	**4**	**1084820**				**3454**	**310198**	**1276662**	**45030**		**1631890**	**154518**
E4	Industrial	LOW	1	33436					52478	0	183		52661	854
	Industrial	HIGH	1	33436					52478	1220	183		53881	854
	Sewage	LOW	6	72292				1009	820547	21684	8070		850301	258703
	Sewage	HIGH	6	72292				1042	820547	23458	8086		852091	258703
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**7**	**105728**				**1009**	**873025**	**21684**	**8253**		**902982**	**259558**
	Total	**HIGH**	**7**	**105728**				**1042**	**873025**	**24679**	**8269**		**905973**	**259558**

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E5	Industrial	LOW	21	207767			0	547	12881991	3300260	325066		16507317	173459
	Industrial	HIGH	21	297767			15762	3989	14435440	3317857	327649		33809983	182114
	Sewage	LOW	7	164364				3307	1056693	363297	13594		1433584	395042
	Sewage	HIGH	7	203957				3782	1408088	371159	14982		1274414	464579
	Rivers	LOW	2	388078				2705	45675	639410	7987		693072	69856
	Rivers	HIGH	2	388078				3101	43955	696986	7846		481634	72443
	Total	LOW	30	760210			0	6559	13984359	4302957	346847		18633973	638357
	Total	HIGH	30	889803			15762	10872	15887483	4386003	350476		35566031	719136
E6	Industrial	LOW	1	23752	0	0		0	77333	3080	1043		81457	6344
	Industrial	HIGH	1	23752	45	45		52	77333	3409	1043		81786	6488
	Sewage	LOW	2	14968	0	0		1119	166233	997	569		167800	43000
	Sewage	HIGH	2	14968	11	11		1120	166233	1428	582		168243	43010
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	3	38720	0	0		1119	243567	4077	1613		249256	49344
	Total	HIGH	3	38720	56	56		1171	243567	4837	1625		250029	49498
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	22604	0	0		903	285265	3769	1179		290213	49761
	Sewage	HIGH	1	22604	44	44		903	285265	5081	1237		291582	49761
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	22604	0	0		903	285265	3769	1179		290213	49761
	Total	HIGH	1	22604	44	44		903	285265	5081	1237		291582	49761
E7a	Industrial	LOW	15	116342	1	0		275	582900	37465	1223	322126	944080	112608
	Industrial	HIGH	15	116342	157	137		417	582922	37754	1241	322675	945305	114328
	Sewage	LOW	4	240002	0	0		18803	2528833	1093	1672	3703	2534507	620222
	Sewage	HIGH	4	240002	220	220		22083	2528833	21696	2026	9689	2559986	620222
	Rivers	LOW	8	14055814	17309	0		50581	4651713	33966319	320309	14881003	35696705	4416955
	Rivers	HIGH	8	14055814	90779	73958		50725	4659216	33995134	341017	14881900	35754628	4446022
	Total	LOW	27	14412158	17309	0		69660	7763448	34004877	323204	15206831	39175292	5149785
	Total	HIGH	27	14412188	91156	74315		73225	7770970	34054584	344284	15214265	39259919	5180572
E9	Industrial	LOW	1	898	0	0		10	112			3687	3365	3688
	Industrial	HIGH	1	898	3	3		11	120			3687	3371	3688
	Sewage	LOW	5	93379					663620			88343	715744	240420
	Sewage	HIGH	5	93379					663620			95525	722304	240420
	Rivers	LOW	7	1224679	0	0		4115	84456			3995635	3969104	518675
	Rivers	HIGH	7	1224679	1254	1219		4115	85741			3997854	3972547	519978
	Total	LOW	13	1318956	0	0		4125	748188			4087666	4688213	762763
	Total	HIGH	13	1318956	1257	1223		4126	749481			4097066	4698221	764086

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E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	98331				956	740351			442679	1109291	259952
	Sewage	HIGH	3	98331				956	740351			448333	1114676	259952
	Rivers	LOW	6	827735	0	0		2130	62835			1739814	1802374	183715
	Rivers	HIGH	6	827735	1357	1357		2130	64101			1745980	1809768	278619
	Total	LOW	9	926066	0	0		3086	803186			2182493	2911665	443666
	Total	HIGH	9	926066	1357	1357		3086	804452			2194313	2924444	538570
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	69859					262103			293336	531862	179750
	Sewage	HIGH	4	69859					284146			293420	551605	179750
	Rivers	LOW	3	126593	0	0		358	8563			531107	539671	44463
	Rivers	HIGH	3	126593	98	98		358	8694			531107	539801	44463
	Total	LOW	7	196452	0	0		358	270666			824443	1071533	224212
	Total	HIGH	7	196452	98	98		358	282840			824528	1091406	224212
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	2415457	1141	1667	78046	92654	3802776	9995186	269364	10271386	16371595	4873869
	Sewage	HIGH	6	2415457	4735	5342	95695	92658	3805524	10008062	269993	10272159	16383587	4873869
	Rivers	LOW	10	4390033	0	93	4708	36763	391313	17258476	245291	15734233	15948619	1886966
	Rivers	HIGH	10	4390033	1804	1855	114420	36782	392142	17260545	245627	15769075	15953076	1949567
	Total	LOW	16	6805490	1141	1760	82754	129418	4194090	27253663	514655	26005620	32320214	6760835
	Total	HIGH	16	6805490	6539	7197	210115	129441	4197667	27268806	515620	26041234	32336663	6823436
E13	Industrial	LOW	10	69049	45	9	392	281	212376	43121	14580		270077	60874
	Industrial	HIGH	10	69049	165	134	846	345	212381	43477	14580		270437	60875
	Sewage	LOW	11	210369	173	23	4175	2659	2814726	210789	16965		3042480	743454
	Sewage	HIGH	11	210369	604	474	6053	2772	2814726	212711	16965		3044402	743454
	Rivers	LOW	3	505914	0	25	1486	3354	36840	1318513	13963		1369316	213057
	Rivers	HIGH	3	505914	702	702	5360	3734	36918	1318555	13963		1369436	213057
	Total	LOW	24	785332	218	57	6054	6293	3063942	1572422	45508		4681873	1017385
	Total	HIGH	24	785332	1471	1309	12258	6851	3064024	1574743	45508		4684275	1017388
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	10	173742	9	92	986	2749	2457846	26698	11155		2495699	557198
	Sewage	HIGH	10	173742	290	346	2596	2780	2458097	45602	11492		2515190	557713
	Rivers	LOW	5	632946	4	0	633	897	5775	1446170	17949		1469893	232046
	Rivers	HIGH	5	699282	721	720	4401	1559	6029	1446170	17950		1470149	232046
	Total	LOW	15	806688	13	92	1619	3645	2463621	1472867	29104		3965593	789244
	Total	HIGH	15	873024	1012	1066	6997	4338	2464125	1491772	29442		3985339	789758

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E15	Industrial	LOW	3	23185	3	0	146	2	921	8602	1548		11071	1234
	Industrial	HIGH	3	23185	162	160	1068	161	959	8833	1568		11360	1323
	Sewage	LOW	7	239490	72	78	2130	1954	2012996	271384	73198		2357577	651597
	Sewage	HIGH	7	239490	485	491	3500	2030	2012996	300624	74095		2387715	651597
	Rivers	LOW	3	462833	0	0	765	138	19152	911870	13857		944879	68638
	Rivers	HIGH	3	462833	844	844	2814	881	19160	911870	13857		944887	68638
	Total	LOW	13	725508	75	78	3041	2093	2033088	1191855	88504		3313527	721468
	Total	HIGH	13	725508	1490	1495	7381	3073	2033115	1221326	89521		3343962	721558
E16	Industrial	LOW	2	78306	0	0		1		8334			13469	3096
	Industrial	HIGH	2	78306	4	4		3		8334			13469	3101
	Sewage	LOW	4	121381	0	0		483		170539			857471	209740
	Sewage	HIGH	4	121381	287	287		759		170539			857471	209740
	Rivers	LOW	3	1249592	0	0		864		1206174			2230278	279301
	Rivers	HIGH	3	1249592	4255	4255		4010		1206174			2230278	279301
	Total	LOW	9	1449279	0	0		1348		1385047			3101218	492136
	Total	HIGH	9	1449279	4546	4546		4771		1385047			3101218	492142
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	73542	1	1		763	534113	251527	40499	275690	809804	215689
	Sewage	HIGH	5	73542	494	494		1385	534296	251527	40690	279080	813376	215689
	Rivers	LOW	5	3533937	0	0		921	43022	3263259	21876	2860090	2903411	105017
	Rivers	HIGH	5	3533937	10810	10810		13914	59651	3263259	22461	2860390	2919741	122285
	Total	LOW	10	3607479	1	1		1684	577135	3514785	62375	3135781	3713215	320706
	Total	HIGH	10	3607479	11304	11304		15299	593947	3514785	63151	3139470	3733117	337974
E18	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	48273	0	0		1316	577915	10794	660	4310	582225	137826
	Sewage	HIGH	4	48273	214	214		1624	577915	10794	1431	11273	589189	137826
	Rivers	LOW	12	3848739	0	0		943	79486	1514212	15469	2120159	2967356	52962
	Rivers	HIGH	12	3848739	8332	8332		10135	83751	1514212	15837	2120358	2971699	66207
	Total	LOW	16	3897011	0	0		2259	657401	1525006	16129	2124469	3549582	190788
	Total	HIGH	16	3897011	8546	8546		11759	661667	1525006	17288	2131632	3580888	204032
E19	Industrial	LOW	1	3420					119	7124	0	8395	8513	0
	Industrial	HIGH	1	3420					587	7124	62	8395	8982	624
	Sewage	LOW	3	18335	0	0		1043	307009	3278	503	2712	309721	91459
	Sewage	HIGH	3	18335	89	89		1179	307009	3278	580	5176	312185	91459
	Rivers	LOW	4	773602	0	0		188	14152	418651	6810	599328	613500	10168
	Rivers	HIGH	4	773602	1863	1863		2324	16088	418651	6814	657871	673939	13917
	Total	LOW	8	795357	0	0		1231	321279	429052	7313	610435	931735	101627
	Total	HIGH	8	795357	1952	1952		3503	323683	429052	7456	671443	995106	106000

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	7219	0	0		1392	77420	1137	242	809	78229	17041
	Sewage	HIGH	1	7219	31	31		1404	77420	1137	256	1377	78797	17041
	Rivers	LOW	2	2883404	0	0		873	39989	1942900	10488	1700895	1740883	36957
	Rivers	HIGH	2	2883404	7885	7885		8029	39989	1942900	10488	1700895	1740883	39692
	Total	**LOW**	**3**	**2890623**	**0**	**0**		**2268**	**117409**	**1944037**	**10729**	**1701703**	**1819112**	**53999**
	Total	**HIGH**	**3**	**2890623**	**7915**	**7915**		**9433**	**117409**	**1944037**	**10744**	**1702271**	**1819680**	**56733**
E21	Industrial	LOW	2	18974	0	0		5		63336			104343	2606
	Industrial	HIGH	2	18974	64	64		1238		63336			104343	2606
	Sewage	LOW	3	59876	0	0		168		8555			468772	127309
	Sewage	HIGH	3	59876	121	121		2876		8555			468859	127374
	Rivers	LOW	3	287591	0	0		1398	31341	530389	515	19875	627732	143905
	Rivers	HIGH	3	287591	2200	2200		1907	31341	530389	515	19888	627732	143905
	Total	**LOW**	**8**	**368440**	**0**	**0**		**1571**	**31341**	**602281**	**515**	**19875**	**1200847**	**273821**
	Total	**HIGH**	**8**	**368440**	**2385**	**2385**		**6022**	**31341**	**602281**	**515**	**19888**	**1200934**	**273885**
E22	Industrial	LOW	4	152618	0	0		2		299231			651136	2572
	Industrial	HIGH	4	152618	24	24		43		299231			651136	2646
	Sewage	LOW	3	236026	93	93		4037	456895	79881		6897	1835366	407250
	Sewage	HIGH	3	236026	706	706		4764	456895	79881		6897	1835366	407446
	Rivers	LOW	2	7082048	34752	34752		21559	517271	14043476		12418147	13813778	2161234
	Rivers	HIGH	2	7082048	35879	35879		22105	517271	14043476		12418147	13813778	2161234
	Total	**LOW**	**9**	**7470692**	**34846**	**34846**		**25598**	**974166**	**14422588**		**12425044**	**16300280**	**2571056**
	Total	**HIGH**	**9**	**7470692**	**36609**	**36609**		**26911**	**974166**	**14422588**		**12425044**	**16300280**	**2571326**
E23	Industrial	LOW	6	116414	138	82		0	318779	88275	19214	107240	426268	44364
	Industrial	HIGH	6	116414	9114	9058		9278	321510	88275	19316	107591	429100	55835
	Sewage	LOW	11	478663	0	11		2403	2643709	206332	32402	188084	2882444	783114
	Sewage	HIGH	11	478663	3398	3398		6526	2644260	206332	35214	241577	2885806	784773
	Rivers	LOW	7	11130890	0	0		1062	205374	8350255	91474	8444421	8647103	231567
	Rivers	HIGH	7	11130890	30597	30597		32654	207174	8350255	91474	8444421	8648903	334427
	Total	**LOW**	**24**	**11725987**	**138**	**93**		**3465**	**3167863**	**8644882**	**143090**	**8739745**	**11955815**	**1059046**
	Total	**HIGH**	**24**	**11725987**	**43109**	**43053**		**48458**	**3172843**	**8644882**	**146004**	**8793589**	**11963809**	**1175034**
E24	Industrial	LOW	7	74662	0	0		2586	262647	127988	5373	133350	396008	5627
	Industrial	HIGH	7	74662	492	492		3730	263786	127988	5546	133573	397320	17186
	Sewage	LOW	11	293749	0	0		5818	2206147	87892	20387	92346	2314426	484994
	Sewage	HIGH	11	293749	2140	2140		8397	2206147	87892	22215	114257	2316254	485410
	Rivers	LOW	8	2324871	218	218		760	67134	919555	27866	947662	1014554	64813
	Rivers	HIGH	8	2324871	5023	5023		8367	67693	919555	27866	947662	1015113	96426
	Total	**LOW**	**26**	**2693282**	**218**	**218**		**9164**	**2535928**	**1135434**	**53626**	**1173358**	**3724989**	**555434**
	Total	**HIGH**	**26**	**2693282**	**7655**	**7655**		**20494**	**2537627**	**1135434**	**55627**	**1195493**	**3728688**	**599021**

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E25	Industrial	LOW	7	2269190	0	0		0	87984	474858	5152	73270	5796059	17240
	Industrial	HIGH	7	2269190	374	374		588	89848	414444	4747	76957	509039	20644
	Sewage	LOW	3	34885	0	0		815	255289	21868	4171	24175	281327	61433
	Sewage	HIGH	3	34885	315	315		1099	255289	21868	4342	26209	281498	62167
	Rivers	LOW	6	3068434	0	0		0	75883	2165860	24576	2189119	2266319	150591
	Rivers	HIGH	6	3068434	6987	7720		9865	76785	2165860	24576	2189119	2267221	194002
	Total	LOW	16	5372509	0	0		815	419156	2662586	33899	2288565	8343706	229264
	Total	HIGH	16	5372509	7676	8409		11551	421922	2602171	33665	2292288	3057758	276813
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	8251	0	0		159	48435	3747	340	3689	52522	8333
	Sewage	HIGH	1	8251	69	69		269	48435	3747	371	4118	52553	8452
	Rivers	LOW	5	4130161	42	0		0	43399	2470173	10643	2652812	2524215	14058
	Rivers	HIGH	5	4130161	6274	6274		7529	48565	2470173	11020	2652864	2529758	63721
	Total	LOW	6	4138412	42	0		159	91834	2473920	10983	2656501	2576737	22391
	Total	HIGH	6	4138412	6343	6343		7798	97000	2473920	11391	2656981	2582311	72173
E27	Industrial	LOW	10	71478	0	0		1911	13887	19202	1732	11860	34821	18341
	Industrial	HIGH	10	71478	1353	1353		1911	17318	19202	1946	15171	38465	20554
	Sewage	LOW	7	71793	0	0		71635	751252	13705	1681	5002	766638	118238
	Sewage	HIGH	7	71793	3583	3583		71635	751252	13705	2323	16028	767280	121425
	Rivers	LOW	6	4053413	1	0		340	89825	2541104	28286	2301690	2659216	171545
	Rivers	HIGH	6	4053413	4464	4464		5007	92896	2541104	28385	2301690	2662385	179639
	Total	LOW	23	4196684	1	0		73887	854965	2574011	31698	2318552	3460674	308124
	Total	HIGH	23	4196684	9400	9400		78554	861466	2574011	32653	2332889	3468130	321619
E28	Industrial	LOW	4		145	145			106100				0	
	Industrial	HIGH	4		145	145			106100				106100	
	Sewage	LOW	2	135529				2	1475634	186179	8601		1670415	294699
	Sewage	HIGH	2	135529				4	1475634	190514	9817		1675965	294699
	Rivers	LOW	3	4614400				73	5460393	8457409	450384		14368186	1788259
	Rivers	HIGH	3	4614400				99	5460393	8457409	450384		14368186	1808713
	Total	LOW	9	4749930	145	145		75	7042127	8643589	458985		16038601	2082958
	Total	HIGH	9	4749930	145	145		103	7042127	8647923	460201		16150251	2103413

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E29	Industrial	LOW	1											
	Industrial	HIGH	1											
	Sewage	LOW	1	121890				64	883735	2150	908		886794	224804
	Sewage	HIGH	1	121890				64	883735	5951	1001		890687	224804
	Rivers	LOW	7	9832374				22	645605	6514630	113667		7273901	517088
	Rivers	HIGH	7	9832374				36	661346	6641559	126673		7429579	539357
	Total	LOW	9	9954264				86	1529340	6516780	114575		8160695	741891
	Total	HIGH	9	9954264				101	1545081	6647510	127674		8320266	764161
E30	Industrial	LOW	1	32955					23930	12519	57		36505	4142659
	Industrial	HIGH	1	32955					29912	15649	151		45711	4142659
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	6525669				15	133516	3984422	24684		4142623	69717
	Rivers	HIGH	2	6525669				25	138172	3994038	30192		4162403	81089
	Total	LOW	3	6558624				15	157446	3996942	24740		4179128	4212376
	Total	HIGH	3	6558624				26	168084	4009687	30343		4208114	4223748
Totals	Industrial	LOW	112	3363996	332	237	538	5632	14841763	4509478	376962	659928	25575231	4859657
	Industrial	HIGH	112	3453996	12101	11993	17676	21777	16411051	4473377	379936	668050	37712331	4899684
	Sewage	LOW	135	5803461	1490	1965	85338	223756	30750880	12170100	550498	11703163	48890101	12929669
	Sewage	HIGH	135	5898625	17838	18376	107843	239683	32008723	12294820	567618	11825118	48372029	13123941
	Rivers	LOW	130	99080977	52325	35088	7592	145877	13249134	119485262	1576079	73135991	136475131	13713098
	Rivers	HIGH	130	99147313	222129	206055	1143380	251623	13394236	119736979	1634461	73239223	136730910	14232654
	Total	LOW	377	108248434	54148	37290	93468	375264	56841777	136164840	2503539	85499082	210940462	31502424
	Total	HIGH	377	108499934	252068	236424	1268898	513083	61814010	136505176	2582014	85732391	222815270	32256279

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E1	Industrial	LOW	6	49883			285903745
	Industrial	HIGH	6	49883			285903745
	Sewage	LOW	5	36918			2591512
	Sewage	HIGH	5	36918			2591512
	Rivers	LOW	4	6476274			28746534
	Rivers	HIGH	4	6476274			28842964
	Total	LOW	15	6563075			317241790
	Total	HIGH	15	6563075			317336220
E2	Industrial	LOW	7	4966			73612
	Industrial	HIGH	7	4966			73639
	Sewage	LOW	3	220586			5822455
	Sewage	HIGH	3	276157			7321018
	Rivers	LOW	3	3609824			49131142
	Rivers	HIGH	3	3609824			49136498
	Total	LOW	13	3835378			55027209
	Total	HIGH	13	3890947			55531155
E2a	Industrial	LOW	1	14700			934938
	Industrial	HIGH	1	14700			934938
	Sewage	LOW					
	Sewage	HIGH					
	Rivers	LOW					
	Rivers	HIGH					
	Total	LOW	1	14700			934938
	Total	HIGH	1	14700			934938
E3	Industrial	LOW	1	2000			620500
	Industrial	HIGH	1	2000			620500
	Sewage	LOW	2	21689			833202
	Sewage	HIGH	2	21689			833202
	Rivers	LOW	1	1041131			35464433
	Rivers	HIGH	1	1041131			35474682
	Total	LOW	4	1084820			36918135
	Total	HIGH	4	1084820			36928384
E4	Industrial	LOW	1	33436			1017012
	Industrial	HIGH	1	33436			1017012
	Sewage	LOW	6	72292			9950594
	Sewage	HIGH	6	72292			9950594
	Rivers	LOW					
	Rivers	HIGH					
	Total	LOW	7	105728			10967606
	Total	HIGH	7	105728			10967606

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E5	Industrial	LOW	21	207767			20006499
	Industrial	HIGH	21	297767			24011087
	Sewage	LOW	7	164364			4513565
	Sewage	HIGH	7	203957			5974656
	Rivers	LOW	2	388078			1777092
	Rivers	HIGH	2	388078			1791241
	Total	**LOW**	**30**	**760210**			**26297155**
	Total	**HIGH**	**30**	**889803**			**31776985**
E6	Industrial	LOW	1	23752			227842190
	Industrial	HIGH	1	23752			227842190
	Sewage	LOW	2	14968			1307853
	Sewage	HIGH	2	14968			1307853
	Rivers	LOW					
	Rivers	HIGH					
	Total	**LOW**	**3**	**38720**			**229150043**
	Total	**HIGH**	**3**	**38720**			**229150043**
E7	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	1	22604			3062563
	Sewage	HIGH	1	22604			3062563
	Rivers	LOW					
	Rivers	HIGH					
	Total	**LOW**	**1**	**22604**			**3062563**
	Total	**HIGH**	**1**	**22604**			**3062563**
E7a	Industrial	LOW	15	116342			22307522
	Industrial	HIGH	15	116342			22307522
	Sewage	LOW	4	240002			22681080
	Sewage	HIGH	4	240002			22681080
	Rivers	LOW	8	14055814			134419773
	Rivers	HIGH	8	14055814			134450126
	Total	**LOW**	**27**	**14412168**			**179408375**
	Total	**HIGH**	**27**	**14412168**			**179438727**
E9	Industrial	LOW	1	898			5505
	Industrial	HIGH	1	898			5505
	Sewage	LOW	5	93379			2341041
	Sewage	HIGH	5	93379			2341041
	Rivers	LOW	7	1224679			34738428
	Rivers	HIGH	7	1224679			34758454
	Total	**LOW**	**13**	**1318958**			**37084974**
	Total	**HIGH**	**13**	**1318956**			**37104999**

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E10	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	3	98331			6090910
	Sewage	HIGH	3	98331			6090910
	Rivers	LOW	6	827735			3377155
	Rivers	HIGH	6	827735			3569482
	Total	LOW	9	926066			9468065
	Total	HIGH	9	926066			9660393
E11	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	4	69859			371419
	Sewage	HIGH	4	69859			371981
	Rivers	LOW	3	126593			2027033
	Rivers	HIGH	3	126593			2030019
	Total	LOW	7	196452			2398452
	Total	HIGH	7	196452			2402000
E12	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	6	2415457			13198819
	Sewage	HIGH	6	2415457			13198819
	Rivers	LOW	10	4390033		3321905	56054018
	Rivers	HIGH	10	4390033		3324018	56059233
	Total	LOW	16	6805490		3321905	69252838
	Total	HIGH	16	6805490		3324018	69258052
E13	Industrial	LOW	10	69049			8817829
	Industrial	HIGH	10	69049			8817829
	Sewage	LOW	11	210369			16011711
	Sewage	HIGH	11	210369			16011711
	Rivers	LOW	3	505914			3573475
	Rivers	HIGH	3	505914			3573475
	Total	LOW	24	785332			28403015
	Total	HIGH	24	785332			28403015
E14	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	10	173742			52771678
	Sewage	HIGH	10	173742			52771678
	Rivers	LOW	5	632946			9860744
	Rivers	HIGH	5	699282			9860744
	Total	LOW	15	806688			62632422
	Total	HIGH	15	873024			62632422

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E15	Industrial	LOW	3	23185			543888
	Industrial	HIGH	3	23185			543888
	Sewage	LOW	7	239490			14628973
	Sewage	HIGH	7	239490			14628973
	Rivers	LOW	3	462833			1178129
	Rivers	HIGH	3	462833			1178129
	Total	LOW	13	725508			16350989
	Total	HIGH	13	725508			16350989
E16	Industrial	LOW	2	78306			18733
	Industrial	HIGH	2	78306			18733
	Sewage	LOW	4	121381			2830237
	Sewage	HIGH	4	121381			2830237
	Rivers	LOW	3	1249592			2721437
	Rivers	HIGH	3	1249592			2721437
	Total	LOW	9	1449279			5570406
	Total	HIGH	9	1449279			5570406
E17	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	5	73542	231153	66964	2802582
	Sewage	HIGH	5	73542	231153	66964	2802582
	Rivers	LOW	5	3533937	130692	1121206	6671981
	Rivers	HIGH	5	3533937	138625	1121206	7128735
	Total	LOW	10	3607479	361846	1188170	9474563
	Total	HIGH	10	3607479	369778	1188170	9931317
E18	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	4	48273	162956	56644	1093506
	Sewage	HIGH	4	48273	162956	56644	1093506
	Rivers	LOW	12	3848739	92129	767151	6361573
	Rivers	HIGH	12	3848739	102339	826738	7395954
	Total	LOW	16	3897011	255064	823795	7455079
	Total	HIGH	16	3897011	285295	883382	8489460
E19	Industrial	LOW	1	3420	1819		14623
	Industrial	HIGH	1	3420	1835		15515
	Sewage	LOW	3	18335	89444	35885	1779441
	Sewage	HIGH	3	18335	89444	35885	1779441
	Rivers	LOW	4	773602	15067	218415	922405
	Rivers	HIGH	4	773602	17234	225384	1237540
	Total	LOW	8	795357	106331	254300	2716470
	Total	HIGH	8	795357	108513	261269	3032496

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E20	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	1	7219	47875	11050	298907
	Sewage	HIGH	1	7219	47875	11050	298907
	Rivers	LOW	2	2883404	43975	710266	7615854
	Rivers	HIGH	2	2883404	44294	710266	8023344
	Total	**LOW**	**3**	**2890623**	**91850**	**721316**	**7914761**
	Total	**HIGH**	**3**	**2890623**	**92169**	**721316**	**8322251**
E21	Industrial	LOW	2	18974			1849035
	Industrial	HIGH	2	18974			1849035
	Sewage	LOW	3	59876			4316642
	Sewage	HIGH	3	59876			4316642
	Rivers	LOW	3	287591		1404512	1021666
	Rivers	HIGH	3	287591		1404512	1021666
	Total	**LOW**	**8**	**366440**		**1404512**	**7187344**
	Total	**HIGH**	**8**	**366440**		**1404512**	**7187344**
E22	Industrial	LOW	4	152618			197646
	Industrial	HIGH	4	152618			197646
	Sewage	LOW	3	236026			8463336
	Sewage	HIGH	3	236026			8463336
	Rivers	LOW	2	7082048			72399957
	Rivers	HIGH	2	7082048			72399957
	Total	**LOW**	**9**	**7470692**			**81060939**
	Total	**HIGH**	**9**	**7470692**			**81060939**
E23	Industrial	LOW	6	116414		99313	25134657
	Industrial	HIGH	6	116414		99929	25134657
	Sewage	LOW	11	478663		957516	28250936
	Sewage	HIGH	11	478663		957516	28250936
	Rivers	LOW	7	11130890		303722	209765265
	Rivers	HIGH	7	11130890		377856	211251873
	Total	**LOW**	**24**	**11725967**		**1360550**	**263150858**
	Total	**HIGH**	**24**	**11725967**		**1435301**	**264637465**
E24	Industrial	LOW	7	74662		19899	4779319
	Industrial	HIGH	7	74662		23140	4779904
	Sewage	LOW	11	293749		576749	18868147
	Sewage	HIGH	11	293749		576749	18878192
	Rivers	LOW	8	2324871		140101	12670699
	Rivers	HIGH	8	2324871		148230	13943182
	Total	**LOW**	**26**	**2693282**		**736749**	**36318165**
	Total	**HIGH**	**26**	**2693282**		**748120**	**37601278**

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E25	Industrial	LOW	7	2269190		25782	66742163
	Industrial	HIGH	7	2269190		26159	66742355
	Sewage	LOW	3	34885		67490	510968
	Sewage	HIGH	3	34885		67516	521217
	Rivers	LOW	6	3068434		63080	14410622
	Rivers	HIGH	6	3068434		104871	16787379
	Total	**LOW**	**16**	**5372509**		**156352**	**81863753**
	Total	**HIGH**	**16**	**5372509**		**198547**	**84050951**
E26	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	1	8251		9673	179004
	Sewage	HIGH	1	8251		9673	179004
	Rivers	LOW	5	4130161		136821	12364310
	Rivers	HIGH	5	4130161		187320	14413593
	Total	**LOW**	**6**	**4138412**		**146495**	**12543314**
	Total	**HIGH**	**8**	**4138412**		**196993**	**14592598**
E27	Industrial	LOW	10	71478		32941	2488935
	Industrial	HIGH	10	71478		32941	2489218
	Sewage	LOW	7	71793		137781	2704436
	Sewage	HIGH	7	71793		137781	2704436
	Rivers	LOW	6	4053413		12020022	15008645
	Rivers	HIGH	6	4053413		12021568	15113695
	Total	**LOW**	**23**	**4196684**		**12190745**	**20202017**
	Total	**HIGH**	**23**	**4196684**		**12192291**	**20307349**
E28	Industrial	LOW	4				
	Industrial	HIGH	4				
	Sewage	LOW	2	135529			6275051
	Sewage	HIGH	2	135529			6275051
	Rivers	LOW	3	4614400			47407973
	Rivers	HIGH	3	4614400			47903904
	Total	**LOW**	**9**	**4749930**			**53683025**
	Total	**HIGH**	**9**	**4749930**			**84178958**

PARCOM High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	Total P Kg/year	SPM Kg/yr
E29	Industrial	LOW	1				
	Industrial	HIGH	1				
	Sewage	LOW	1	121890			3683389
	Sewage	HIGH	1	121890			3683389
	Rivers	LOW	7	9832374			186806428
	Rivers	HIGH	7	9832374			188881857
	Total	**LOW**	**9**	**9954264**			**190489817**
	Total	**HIGH**	**9**	**9954264**			**192565246**
E30	Industrial	LOW	1	32955			302217958
	Industrial	HIGH	1	32955			302217958
	Sewage	LOW					
	Sewage	HIGH					
	Rivers	LOW	2	6525669			34065885
	Rivers	HIGH	2	6525669			34112897
	Total	**LOW**	**3**	**6558624**			**336283843**
	Total	**HIGH**	**3**	**6558624**			**336330854**
Totals	Industrial	LOW	112	3363996	1819	177935	971516306
	Industrial	HIGH	112	3453998	1835	182170	975522874
	Sewage	LOW	135	5803461	531427	1919752	238233958
	Sewage	HIGH	135	5898625	531427	1919779	241214468
	Rivers	LOW	130	99080977	281663	20207201	990562659
	Rivers	HIGH	130	99147313	302493	20451969	1003062059
	Total	**LOW**	**377**	**108248434**	**815110**	**22304889**	**2200312923**
	Total	**HIGH**	**377**	**108499934**	**835758**	**22553918**	**2219799401**

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E1	Industrial	LOW	5	46967	4	77	3001	20675	11364					
	Industrial	HIGH	5	46967	4	84	3001	20675	11369					
	Rivers	LOW	4	5575701	333	79	4224	36381	1778					
	Rivers	HIGH	4	5575701	333	126	4228	36427	1863					
	Sewage	LOW	5	36067	5	32	1230	4956	519					
	Sewage	HIGH	5	36067	5	35	1230	4956	539					
	TOTAL	LOW	14	5658735	342	187	8454	62012	13660					
	TOTAL	HIGH	14	5658735	342	245	8459	62059	13771					
E2	Industrial	LOW	5	11278	9	6	41	544	4350					
	Industrial	HIGH	5	11278	9	10	45	544	4383					
	Rivers	LOW	3	3165676	332	489	4485	184080	56955					
	Rivers	HIGH	3	3165676	332	491	4485	184080	57833					
	Sewage	LOW	1	370273	31	624	10674	43930	5460					
	Sewage	HIGH	1	370273	31	684	10674	43930	5460					
	TOTAL	LOW	9	3547227	372	1118	15200	228554	66765					
	TOTAL	HIGH	9	3547227	372	1185	15205	228554	67676					
E2a	Industrial	LOW	1	14700	1	26	181	194	163					
	Industrial	HIGH	1	14700	1	30	181	194	195					
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	TOTAL	LOW	1	14700	1	26	181	194	163					
	TOTAL	HIGH	1	14700	1	30	181	194	195					
E3	Industrial	LOW	1	3583	0	4	67	421	89					
	Industrial	HIGH	1	3583	0	4	67	421	89					
	Rivers	LOW	1	1314720	93	38	904	37240	3432					
	Rivers	HIGH	1	1314720	93	776	2194	37240	8979					
	Sewage	LOW	2	25563	4	46	192	972	97					
	Sewage	HIGH	2	25563	4	55	195	972	182					
	TOTAL	LOW	4	1343866	96	88	1163	38634	3619					
	TOTAL	HIGH	4	1343866	96	835	2457	38634	9251					
E4	Industrial	LOW	2	62883	2	28	199	1437	746					
	Industrial	HIGH	2	62883	2	80	199	1437	807					
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	6	138453	16	48	6280	14906	2158					
	Sewage	HIGH	6	138453	16	100	6280	14906	2325					
	TOTAL	LOW	8	201336	18	76	6479	16344	2903					
	TOTAL	HIGH	8	201336	18	180	6479	16344	3132					

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E5	Industrial	LOW	20	287042	104	363	74443	184480	16816					
	Industrial	HIGH	20	287042	104	527	74480	184480	17290					
	Rivers	LOW	2	2217338	114	140	4272	48536	22395					
	Rivers	HIGH	2	2217338	114	238	4431	48536	22395					
	Sewage	LOW	3	71723	9	16	1733	3196	551					
	Sewage	HIGH	3	71723	9	75	1739	3196	876					
	TOTAL	LOW	25	2576104	227	519	80449	236212	39762					
	TOTAL	HIGH	25	2576104	227	839	80650	236212	40581					
E6	Industrial	LOW	1	23653	10	0	2801	1675	797	0	0	0	0	0
	Industrial	HIGH	1	23653	11	5	2801	1675	1010	43	43	43	43	43
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	4	39057	2	22	1069	2671	777	0	0	0	0	0
	Sewage	HIGH	4	39057	4	32	1069	2671	800	45	45	45	45	45
	TOTAL	LOW	5	62710	12	22	3870	4346	1574	0	0	0	0	0
	TOTAL	HIGH	5	62710	14	38	3870	4346	1810	88	88	88	88	88
E7	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	1	24432	0	3	832	1754	259	0	0	0	0	0
	Sewage	HIGH	1	24432	3	6	832	1754	259	54	54	49	49	49
	TOTAL	LOW	1	24432	0	3	832	1754	259	0	0	0	0	0
	TOTAL	HIGH	1	24432	3	6	832	1754	259	54	54	49	49	49
E7a	Industrial	LOW	15	118269	21	636	18985	488080	22812	0	0	0	0	0
	Industrial	HIGH	15	118269	23	648	19002	488081	24070	139	139	139	139	139
	Rivers	LOW	8	15785467	2	695	56095	307968	112235	17	11	156	0	863
	Rivers	HIGH	8	15785467	1379	3160	58432	308511	113687	22682	22676	20351	20886	23205
	Sewage	LOW	4	151703	3	39	2766	8178	1285	24	0	0	0	0
	Sewage	HIGH	4	151703	15	45	2766	8178	1285	313	300	300	300	300
	TOTAL	LOW	27	16055440	27	1370	77845	804225	136331	41	11	156	0	863
	TOTAL	HIGH	27	16055440	1417	3852	80200	804770	139042	23134	23115	20791	21326	23644
E9	Industrial	LOW	1	706	0	0	1	5	0	0	0	0	0	0
	Industrial	HIGH	1	706	0	0	1	5	0	4	4	4	4	4
	Rivers	LOW	7	1740540	41	26	2530	9196	742	0	0	0	0	0
	Rivers	HIGH	7	1740540	56	75	2588	9198	991	2784	2784	2786	2784	2784
	Sewage	LOW	5	92401	2	1	161	970	67	0	0	0	0	0
	Sewage	HIGH	5	92401	2	3	163	970	74	196	196	196	196	196
	TOTAL	LOW	13	1833647	43	27	2692	10171	809	0	0	0	0	0
	TOTAL	HIGH	13	1833647	59	78	2753	10173	1066	2985	2985	2987	2985	2985

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E10	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	959241	11	7	730	1949	390	0	0	0	0	0
	Rivers	HIGH	6	959241	21	39	773	1976	576	1773	1773	1773	1773	1773
	Sewage	LOW	3	86436	5	20	1719	5751	492	0	0	0	0	0
	Sewage	HIGH	3	86436	6	21	1719	5751	492	160	160	160	160	160
	TOTAL	LOW	9	1045878	16	27	2450	7700	882	0	0	0	0	0
	TOTAL	HIGH	9	1045878	26	61	2492	7726	1068	1933	1933	1933	1933	1933
E11	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	3	267510	4	4	397	1342	153	0	0	0	0	0
	Rivers	HIGH	3	267510	6	12	397	1342	183	475	475	475	475	475
	Sewage	LOW	4	67510	1	3	274	750	119	0	0	0	0	0
	Sewage	HIGH	4	67510	1	4	274	750	122	99	99	99	99	99
	TOTAL	LOW	7	335020	5	6	671	2091	273	0	0	0	0	0
	TOTAL	HIGH	7	335020	7	16	671	2091	306	574	574	574	574	574
E12	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	10	2658198	24	95	8283	37313	3111	0	0	0	0	0
	Rivers	HIGH	10	2658198	117	312	10264	38101	6462	7563	7563	7563	7563	7563
	Sewage	LOW	6	2646241	25	49	7514	69197	7969	0	0	0	0	0
	Sewage	HIGH	6	2646241	107	505	10889	69936	9972	7178	7178	7178	7178	7178
	TOTAL	LOW	16	5304439	48	144	15797	106509	11081	0	0	0	0	0
	TOTAL	HIGH	16	5304439	225	817	21154	108038	16434	14742	14742	14742	14742	14742
E13	Industrial	LOW	10	65855	7	28	450	1858	107	203	258	107	28	161
	Industrial	HIGH	10	65855	7	211	571	1870	996	263	360	219	97	285
	Rivers	LOW	3	756078	19	1125	5149	4605	345	1022	351	63	213	173
	Rivers	HIGH	3	756078	27	3090	5675	5324	16392	1921	1267	1001	865	1103
	Sewage	LOW	11	157519	6	469	3987	19595	745	38	99	80	49	711
	Sewage	HIGH	11	157519	7	788	4089	19612	2759	365	358	484	245	898
	TOTAL	LOW	24	979452	31	1622	9586	26058	1196	1264	708	250	291	1045
	TOTAL	HIGH	24	979452	41	4089	10338	26806	20147	2549	1985	1704	1206	2285
E14	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	5	717890	4	14	244	3367	782	0	131	219	0	113
	Rivers	HIGH	5	717890	10	92	2667	3772	966	785	827	914	817	895
	Sewage	LOW	11	265441	12	385	10927	15916	7831	130	202	16	0	441
	Sewage	HIGH	11	265441	15	577	11280	15916	9682	1378	793	765	493	1013
	TOTAL	LOW	16	983330	16	398	11171	19283	8612	130	334	235	0	554
	TOTAL	HIGH	16	983330	25	669	13947	19688	10648	2163	1620	1679	1310	1908

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E15	Industrial	LOW	3	23094	37	9	293	361	64	80	5	10	20	4
	Industrial	HIGH	3	23094	37	12	319	373	141	99	32	31	35	31
	Rivers	LOW	3	681338	11	150	307	2768	114	98	152	173	143	0
	Rivers	HIGH	3	681338	22	209	1890	3211	607	812	872	898	627	739
	Sewage	LOW	7	239490	6	38	2020	3470	800	234	57	96	318	17
	Sewage	HIGH	7	239490	9	47	2257	3484	962	504	348	394	542	307
	TOTAL	LOW	13	943922	53	197	2620	6599	978	412	215	279	480	21
	TOTAL	HIGH	13	943922	68	268	4466	7068	1709	1415	1252	1323	1203	1077
E16	Industrial	LOW	2	1349		0	421	85	22					
	Industrial	HIGH	2	1349		2	421	85	22					
	Rivers	LOW	3	2654323	12	16	2409	19166	1123	0	0	0	0	0
	Rivers	HIGH	3	2654323	14	179	2795	19275	2012	3382	3382	3382	3382	3382
	Sewage	LOW	4	86853		4	2184	2002	253					
	Sewage	HIGH	4	86853		13	2248	2002	269					
	TOTAL	LOW	9	2742525	12	20	5013	21252	1398	0	0	0	0	0
	TOTAL	HIGH	9	2742525	14	194	5463	21361	2303	3382	3382	3382	3382	3382
E17	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	3608352	6	112	3400	21323	2016	0	0	0	0	0
	Rivers	HIGH	6	3608352	12	309	3768	21470	3333	25779	25808	25808	25750	25808
	Sewage	LOW	5	122056	1	13	1547	3457	730	0	0	0	0	0
	Sewage	HIGH	5	122056	1	19	1551	3457	741	813	815	815	810	815
	TOTAL	LOW	11	3730408	7	124	4947	24780	2745	0	0	0	0	0
	TOTAL	HIGH	11	3730408	13	328	5319	24927	4074	26592	26624	26624	26559	26624
E18	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	16	3969705	14	423	27698	153681	2253	0	0	0	0	0
	Rivers	HIGH	16	3969705	21	583	27836	153703	3457	27246	27302	27302	27191	27302
	Sewage	LOW	4	71659	1	131	617	2152	196	0	0	0	0	0
	Sewage	HIGH	4	71659	1	135	617	2180	203	502	503	503	501	502
	TOTAL	LOW	20	4041364	14	554	28315	155833	2450	0	0	0	0	0
	TOTAL	HIGH	20	4041364	22	718	28453	155883	3860	27749	27805	27805	27692	27804
E19	Industrial	LOW	1	3420	0	1	3538	400	11					
	Industrial	HIGH	1	3420	0	1	3538	400	12					
	Rivers	LOW	5	829256	3	229	9507	57712	506	0	0	0	0	0
	Rivers	HIGH	5	829256	5	258	9573	57726	884	6048	6058	6058	6039	6058
	Sewage	LOW	3	15215	0	6	327	3742	180	0	0	0	0	0
	Sewage	HIGH	3	15215	0	7	327	3742	181	109	109	109	109	109
	TOTAL	LOW	9	847891	4	236	13373	61854	698	0	0	0	0	0
	TOTAL	HIGH	9	847891	5	266	13438	61868	1076	6157	6167	6167	6148	6167

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E20	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	3	3054500	7	50	8481	34536	1183	0	0	0	0	0
	Rivers	HIGH	3	3054500	13	161	8644	34604	1925	23362	23372	23372	23351	23372
	Sewage	LOW	1	7776	0	1	76	337	64	0	0	0	0	0
	Sewage	HIGH	1	7776	0	1	76	337	64	59	59	59	58	59
	TOTAL	LOW	4	3062276	7	51	8557	34873	1247	0	0	0	0	0
	TOTAL	HIGH	4	3062276	13	182	8720	34941	1989	23420	23431	23431	23409	23431
E21	Industrial	LOW	2	10867	0	1	54	625	31	0	0	0	0	0
	Industrial	HIGH	2	10867	0	11	118	630	188	30	30	30	24	30
	Rivers	LOW	2	1005868	1	67	2017	7867	944	0	0	0	0	0
	Rivers	HIGH	2	1005868	34	103	2040	7867	1224	2840	2859	2859	2822	2840
	Sewage	LOW	3	56840	1	16	2496	2444	398	0	0	0	0	0
	Sewage	HIGH	3	56840	1	48	2600	2444	1248	130	137	137	137	137
	TOTAL	LOW	7	1073675	3	84	4566	10936	1373	0	0	0	0	0
	TOTAL	HIGH	7	1073675	36	182	4758	10941	2660	3001	3026	3026	2982	3007
E22	Industrial	LOW	3	1834	0	1	15	700	3	0	0	0	0	0
	Industrial	HIGH	3	1834	0	1	15	700	4	7	7	7	7	7
	Rivers	LOW	3	9652077	60	6386	7952	133973	13150	0	0	0	0	0
	Rivers	HIGH	3	9652077	314	7554	31033	135623	23069	23048	23048	23048	23048	23048
	Sewage	LOW	2	203283	4	18	3215	14521	1423	0	0	0	0	0
	Sewage	HIGH	2	203283	5	31	3215	14521	1444	2625	2625	2625	2625	2625
	TOTAL	LOW	8	9857193	64	6406	11182	149193	14577	0	0	0	0	0
	TOTAL	HIGH	8	9857193	320	7586	34263	150843	24516	25680	25680	25680	25680	25680
E23	Industrial	LOW	6	114589	7	17	915	6364	738	29113	16163	23745	16421	24521
	Industrial	HIGH	6	114589	7	22	928	6364	781	33895	20944	28526	22117	30217
	Rivers	LOW	7	11570062	34	252	27362	76551	11074	0	0	0	0	0
	Rivers	HIGH	7	11570062	220	819	28235	76678	15075	4583	4583	4583	4583	4583
	Sewage	LOW	8	374472	7	123	4270	15925	3301	0	0	0	0	0
	Sewage	HIGH	8	374472	7	132	4270	15925	3309	2977	2977	2977	2977	2977
	TOTAL	LOW	21	12059123	47	392	32547	98841	15114	29113	16163	23745	16421	24521
	TOTAL	HIGH	21	12059123	233	972	33433	98968	19165	41454	28504	36088	29676	37777
E24	Industrial	LOW	8	89212	10	38	2391	403804	5131	0	0	0	0	0
	Industrial	HIGH	8	89212	10	42	2407	403806	5142	326	326	326	326	326
	Rivers	LOW	8	2228631	10	170	4335	54265	1213	9	12	16	14	22
	Rivers	HIGH	8	2228631	76	321	4478	54298	1955	2513	2516	2520	2519	2526
	Sewage	LOW	7	189541	2	15	1948	5779	1829	0	0	0	0	0
	Sewage	HIGH	7	189541	2	24	1950	5779	1845	967	967	967	967	967
	TOTAL	LOW	23	2507384	21	223	8674	463847	8173	9	12	16	14	22
	TOTAL	HIGH	23	2507384	87	387	8835	463883	8942	3805	3808	3813	3811	3819

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E25	Industrial	LOW	5	33452	1	10	149	1065	47	0	0	0	0	0
	Industrial	HIGH	5	33452	1	11	150	1065	50	420	420	420	420	420
	Rivers	LOW	6	4197885	7	20	4229	23606	1651	0	0	0	0	0
	Rivers	HIGH	6	4197885	61	292	4854	23717	3360	8284	8284	8284	8284	8284
	Sewage	LOW	6	79034	0	6	1013	3975	597	0	0	0	0	0
	Sewage	HIGH	6	79034	1	11	1025	3975	609	460	460	460	460	460
	TOTAL	LOW	17	4310371	9	36	5391	28646	2295	0	0	0	0	0
	TOTAL	HIGH	17	4310371	62	314	6029	28757	4019	9164	9164	9164	9164	9164
E26	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	5613465	24	167	4060	94447	4096	0	0	0	0	0
	Rivers	HIGH	6	5613465	109	1172	6160	94522	10422	5046	5046	5046	5046	5046
	Sewage	LOW	3	12646	0	1	137	866	104	0	0	0	0	0
	Sewage	HIGH	3	12646	0	2	137	866	104	46	46	46	46	46
	TOTAL	LOW	9	5626111	24	168	4197	95312	4200	0	0	0	0	0
	TOTAL	HIGH	9	5626111	110	1174	6297	95387	10526	5092	5092	5092	5092	5092
E27	Industrial	LOW	11	60914	0	5	254	3947	51	0	0	0	0	0
	Industrial	HIGH	11	60914	2	93	604	4114	477	53	53	53	53	53
	Rivers	LOW	7	4422080	0	1202	14723	75257	5912	0	381	0	0	0
	Rivers	HIGH	7	4422080	162	2421	19532	75257	14862	4882	4882	4882	4882	4882
	Sewage	LOW	7	67572	0	9	1076	18108	402	0	0	0	0	0
	Sewage	HIGH	7	67572	2	64	1222	18168	692	235	249	249	249	249
	TOTAL	LOW	25	4550585	0	1216	16053	97319	6366	0	381	0	0	0
	TOTAL	HIGH	25	4550585	167	2578	21358	97539	16031	5170	5184	5184	5184	5184
E28	Industrial	LOW	4	0	1455	0	0							
	Industrial	HIGH	4	0	1455	0	32104							
	Rivers	LOW	3	3044954	307	359	10459	47941	8814					
	Rivers	HIGH	3	3044954	308	362	10459	47941	9263					
	Sewage	LOW	2	91000	0	13	0	0	0					
	Sewage	HIGH	2	91000	0	13	0	0	0					
	TOTAL	LOW	9	3135954	1762	372	10459	47941	8814					
	TOTAL	HIGH	9	3135954	1763	375	42563	47941	9263					
E29	Industrial	LOW	1	0	219									
	Industrial	HIGH	1	0	219									
	Rivers	LOW	7	8168444	107	1380	9959	57570	10891					
	Rivers	HIGH	7	8168444	124	1382	9999	58078	15226					
	Sewage	LOW	1	83200	0	41	0	0	0					
	Sewage	HIGH	1	83200	0	41	0	0	0					
	TOTAL	LOW	9	8251644	326	1421	9959	57570	10891					
	TOTAL	HIGH	9	8251644	343	1423	9999	58078	15226					

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E30	Industrial	LOW	1	0	58	8200	18200	133300	145					
	Industrial	HIGH	1	0	58	8200	18200	133300	145					
	Rivers	LOW	2	5953625	197	1309	5515	37312	12366					
	Rivers	HIGH	2	5953625	200	1309	5515	37409	13992					
	Sewage	LOW												
	Sewage	HIGH												
	TOTAL	LOW	3	5953625	255	9509	23715	170612	12510					
	TOTAL	HIGH	3	5953625	258	9509	23715	170709	14137					
TOTAL	Industrial	LOW	108	973670	1946	9452	126399	1250021	63487	29396	16426	23861	16470	24686
	Industrial	HIGH	108	973670	1952	9993	159152	1250220	67172	35279	22359	29799	23264	31556
	Rivers	LOW	139	105812924	1775	15000	229726	1569950	279622	1146	1039	627	370	1171
	Rivers	HIGH	139	105812924	4182	25842	272947	1575884	350995	175809	175377	172907	172686	175669
	Sewage	LOW	129	5873454	142	2192	70285	269519	38607	426	359	192	367	1169
	Sewage	HIGH	129	5873454	255	3517	74696	270377	46497	19216	18479	18619	18248	19193
	TOTAL	LOW	376	112660048	3882	26643	426409	3089490	381716	30968	17823	24680	17207	27026
	TOTAL	HIGH	376	112660048	6389	39352	506795	3096481	464664	230304	216216	221325	214198	226417

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E1	Industrial	LOW	5	46967					98317	5109	1072		104498	36155
	Industrial	HIGH	5	46967					98363	5628	1098		105088	36245
	Rivers	LOW	4	5575701				1	238128	3735975	42511		4016613	36961
	Rivers	HIGH	4	5575701				3020	247873	3758777	58449		4065099	52249
	Sewage	LOW	5	36067				0	451403	129045	55943		636390	103987
	Sewage	HIGH	5	36067				296	451403	129448	55946		636797	103989
	TOTAL	LOW	14	5658735				1	787848	3870126	99525		4757501	177104
	TOTAL	HIGH	14	5658735				3316	797639	3893853	115493		4806984	192484
E2	Industrial	LOW	5	11278				0	67132	6975	188		74296	546
	Industrial	HIGH	5	11278				7	67132	7207	208		74547	565
	Rivers	LOW	3	3165676				4	557274	1381652	51734		1990660	100227
	Rivers	HIGH	3	3165676				5923	560739	1381652	64245		2006636	115323
	Sewage	LOW	1	370273				17	3160091	50234	44372		3254697	616005
	Sewage	HIGH	1	370273				17437	3160091	55844	44372		3260307	616005
	TOTAL	LOW	9	3547227				22	3784497	1438881	96295		5319663	716778
	TOTAL	HIGH	9	3547227				23367	3787963	1444702	108825		5341490	731893
E2a	Industrial	LOW	1	14700				0	13724	2826	1303		17852	181
	Industrial	HIGH	1	14700				5	13724	2826	1303		17852	235
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	TOTAL	LOW	1	14700				0	13724	2826	1303		17852	181
	TOTAL	HIGH	1	14700				5	13724	2826	1303		17852	235
E3	Industrial	LOW	1	3583					51755	1433	141		53329	126
	Industrial	HIGH	1	3583					51755	1446	141		53343	126
	Rivers	LOW	1	1314720				12	332875	1420012	79074		1831961	170815
	Rivers	HIGH	1	1314720				12608	332875	1420012	79074		1831961	170815
	Sewage	LOW	2	25563				1	249694	11992	4581		266267	60020
	Sewage	HIGH	2	25563				971	249694	12068	4581		266343	60020
	TOTAL	LOW	4	1343868				13	634325	1433436	83796		2151557	230961
	TOTAL	HIGH	4	1343868				13578	634325	1433526	83796		2151647	230961
E4	Industrial	LOW	2	62883					60894	6225	237		67356	236
	Industrial	HIGH	2	62883					60894	6485	308		67687	414
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	6	138453				1	1709731	12748	7222		1729701	490955
	Sewage	HIGH	6	138453				1148	1709731	15656	7354		1732741	490961
	TOTAL	LOW	8	201336				1	1770625	18974	7459		1797057	491191
	TOTAL	HIGH	8	201336				1148	1770625	22141	7662		1800426	491375

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E5	Industrial	LOW	20	287042				1	15359529	4296602	465196		20121327	294257
	Industrial	HIGH	20	287042				1696	15359552	4296629	465200		20121381	294348
	Rivers	LOW	2	2217338				0	257606	4073284	50280		4381170	159715
	Rivers	HIGH	2	2217338				558	257606	4073284	50280		4381170	159715
	Sewage	LOW	3	71723				0	754157	5996	2244		762396	190834
	Sewage	HIGH	3	71723				184	754157	7564	2285		764005	190834
	TOTAL	LOW	25	2576104				1	16371292	8375882	517719		25264893	644805
	TOTAL	HIGH	25	2576104				2437	16371315	8377477	517765		25266557	644897
E6	Industrial	LOW	1	23653	0	0	0	3	1859			2383	4243	116
	Industrial	HIGH	1	23653	43	43	302	43	2433			3255	5688	331
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	4	39057	0	0	0	1186	159369	522	1040	2318	163249	144200
	Sewage	HIGH	4	39057	45	45	317	1199	160884	774	1040	3398	166095	144200
	TOTAL	LOW	5	62710	0	0	0	1189	161228	522	1040	4701	167492	144317
	TOTAL	HIGH	5	62710	88	88	619	1242	163317	774	1040	5653	171784	144531
E7	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW												
	Rivers	HIGH												
	Sewage	LOW	1	24432	0	0	0	1976	2268			2838	5106	51460
	Sewage	HIGH	1	24432	49	49	354	1976	3793			4400	8193	51460
	TOTAL	LOW	1	24432	0	0	0	1976	2268			2838	5106	51460
	TOTAL	HIGH	1	24432	49	49	354	1976	3793			4400	8193	51460
E7a	Industrial	LOW	15	118269	0	0	0	3	357827			366797	724624	47138
	Industrial	HIGH	15	118269	136	136	969	142	365994			367424	733418	50554
	Rivers	LOW	8	15785467	0	26	1073	46959	7092576	26384703		31809800	38902376	3658705
	Rivers	HIGH	8	15785467	22674	22688	155164	60205	12535819	26384703		31809800	44345620	3724483
	Sewage	LOW	4	151703	0	0	24	3620	319128			14222	333349	368528
	Sewage	HIGH	4	151703	300	300	2112	3620	327195			27252	354447	368528
	TOTAL	LOW	27	16055440	0	26	1097	50582	7769631	26384703		32190819	39960350	4074372
	TOTAL	HIGH	27	16055440	23111	23125	158245	63967	13229008	26384703		32204476	45433484	4143585
E9	Industrial	LOW	1	706	0	0	0	208	1669			2581	4250	1865
	Industrial	HIGH	1	706	4	4	31	209	1689			2591	4280	1873
	Rivers	LOW	7	1740540	0	0	0	9360	107646			3350902	3458549	714021
	Rivers	HIGH	7	1740540	2784	2724	19431	9366	110125			3351636	3461761	714041
	Sewage	LOW	5	92401	0	0	0	827	656805			138801	795606	199762
	Sewage	HIGH	5	92401	196	196	1375	827	656912			151687	808599	199762
	TOTAL	LOW	13	1833647	0	0	0	10395	766120			3492285	4256405	915648
	TOTAL	HIGH	13	1833647	2985	2925	20837	10402	768726			3505914	4274640	915676

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E10	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	959241	0	0	0	2270	66717			1449212	1515930	201568
	Rivers	HIGH	6	959241	1773	1773	12413	2282	68842			1449212	1518054	201568
	Sewage	LOW	3	86436	0	0	0	1061	641319			230780	872100	224649
	Sewage	HIGH	3	86436	160	160	1120	1061	641595			238863	880458	224649
	TOTAL	LOW	9	1045678	0	0	0	3331	708037			1679993	2388029	426217
	TOTAL	HIGH	9	1045678	1933	1933	13532	3343	710437			1688075	2398512	426217
E11	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	3	267510	0	0	0	1361	10973			694689	705662	131452
	Rivers	HIGH	3	267510	475	475	3323	1363	11700			694689	706389	131452
	Sewage	LOW	4	67510	0	0	0	182	322582			257021	579603	158329
	Sewage	HIGH	4	67510	99	99	695	182	322781			257407	580188	158329
	TOTAL	LOW	7	335020	0	0	0	1543	333555			951710	1285265	289781
	TOTAL	HIGH	7	335020	574	574	4018	1545	334481			952096	1286577	289781
E12	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	10	2658198	0	0	0	19840	473357	10785278	271669	10498428	10971785	1911617
	Rivers	HIGH	10	2658198	7708	7563	54453	22032	488431	10785278	271682	10498428	10986859	1912369
	Sewage	LOW	6	2646241	0	0	0	69396	6005584	7715647	590770	9173523	15179107	5210078
	Sewage	HIGH	6	2646241	7178	7178	50249	69764	6126842	7735181	591023	9187694	15314536	5210078
	TOTAL	LOW	16	5304439	0	0	0	89236	6478941	18500925	862439	19671951	26150692	7121695
	TOTAL	HIGH	16	5304439	14887	14742	104702	91795	6615273	18520459	862705	19686122	26301395	7122447
E13	Industrial	LOW	10	65855	83	10	397	438	68117	30279	4042		102438	14447
	Industrial	HIGH	10	65855	206	96	1443	1525	69533	34676	4564		108773	15503
	Rivers	LOW	3	756078	1012	0	2904	4778	35129	1861004	25894		1922027	238967
	Rivers	HIGH	3	756078	1945	815	9520	4987	36243	1861004	25894		1923141	238967
	Sewage	LOW	11	157519	322	33	389	5014	2030655	130095	13820		2174570	510145
	Sewage	HIGH	11	157519	569	263	7542	5089	2043867	140993	14719		2199579	510145
	TOTAL	LOW	24	978452	1417	42	3689	10229	2133900	2021378	43756		4199035	783559
	TOTAL	HIGH	24	978452	2720	1175	18506	11601	2149843	2036673	45177		4231493	764615
E14	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	5	717890	0	0	350	1932	44405	1590735	15549		1650689	148729
	Rivers	HIGH	5	717890	809	781	4641	2185	45200	1592323	16230		1653753	156828
	Sewage	LOW	11	265441	139	6	234	6095	3384256	58966	26439		3469662	616470
	Sewage	HIGH	11	265441	768	378	5609	6914	3399015	102025	31977		3533016	616470
	TOTAL	LOW	16	983330	139	6	584	8027	3428661	1649701	41989		5120351	765199
	TOTAL	HIGH	16	983330	1576	1160	10250	9100	3444215	1694348	48207		5186770	773298

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E15	Industrial	LOW	3	23094	16	17	73	125	3757	19817	1694		25268	12841
	Industrial	HIGH	3	23094	43	44	347	132	4184	22024	1865		28072	13331
	Rivers	LOW	3	681338	0	0	716	2955	23870	1436424	17237		1477531	80129
	Rivers	HIGH	3	681338	739	739	4330	3286	25408	1439558	17345		1482311	80129
	Sewage	LOW	7	239490	63	63	1405	5850	1994117	157304	33484		2184905	501755
	Sewage	HIGH	7	239490	346	328	3063	5855	1994844	193966	35448		2224258	501755
	TOTAL	LOW	13	943922	79	81	2194	8930	2021743	1613545	52416		3687704	594726
	TOTAL	HIGH	13	943922	1128	1111	7740	9274	2024436	1655546	54658		3734641	595216
E16	Industrial	LOW	2	1349				0	7773	7246			15019	264
	Industrial	HIGH	2	1349				3	7789	7246			15035	268
	Rivers	LOW	3	2654323	0	0	0	1129	51661	6099372	34351		6185384	284668
	Rivers	HIGH	3	2654323	3382	3382	23676	5628	59292	6099372	34351		6193015	286172
	Sewage	LOW	4	86853				1686	561043	180363	2061		743467	151431
	Sewage	HIGH	4	86853				2341	561522	180987	82161		824670	151431
	TOTAL	LOW	9	2742525	0	0	0	2815	620477	6286981	36412		6943870	436363
	TOTAL	HIGH	9	2742525	3382	3382	23676	7972	628603	6287605	116512		7032720	437871
E17	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	3608352	0	0	0	790	109210	5163059	42470	4904430	5013640	167061
	Rivers	HIGH	6	3608352	25779	25750	180482	26413	109757	5163059	42782	4906337	5016094	167743
	Sewage	LOW	5	122056	0	16	16	2877	763868	431634	29927	451650	1215518	297678
	Sewage	HIGH	5	122056	813	810	5691	3626	764956	431634	30180	459549	1224505	297678
	TOTAL	LOW	11	3730408	0	16	16	3667	873078	5594693	72396	5356080	6229158	464739
	TOTAL	HIGH	11	3730408	26592	26559	186173	30040	874713	5594693	72962	5365885	6240599	465421
E18	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	16	3969705	0	235	235	2134	99939	4796969	35334	4714140	4814079	70536
	Rivers	HIGH	16	3969705	27246	27191	190780	29111	128292	4796969	35710	4714178	4842470	89281
	Sewage	LOW	4	71659	0	0	0	3105	734422	14220	1333	6448	740871	170983
	Sewage	HIGH	4	71659	503	501	3517	3562	734422	14220	1856	15547	749970	170983
	TOTAL	LOW	20	4041364	0	235	235	5239	834361	4811189	36668	4720589	5554950	241518
	TOTAL	HIGH	20	4041364	27750	27692	194297	32673	862714	4811189	37567	4729725	5592439	260264
E19	Industrial	LOW	1	3420					146	16715	6	16602	16748	18
	Industrial	HIGH	1	3420					616	16715	56	16602	17218	461
	Rivers	LOW	5	829256	0	0	0	31	20608	1232213	5849	1189764	1210372	12155
	Rivers	HIGH	5	829256	6048	6039	42348	6034	24680	1232213	5917	1189764	1214444	15602
	Sewage	LOW	3	15215	0	0	0	198	196934	2838	736	1805	198740	59330
	Sewage	HIGH	3	15215	109	109	762	294	196934	2838	839	3591	200525	59330
	TOTAL	LOW	9	847891	0	0	0	230	217688	1251766	6591	1208172	1425860	71503
	TOTAL	HIGH	9	847891	6158	6148	43110	6328	222230	1251766	6813	1209957	1432187	75393

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E20	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	3	3054500	0	0	0	33	158178	3817420	79691	3640132	3798311	83403
	Rivers	HIGH	3	3054500	23362	23351	163541	23341	159765	3817420	79691	3640132	3799898	87587
	Sewage	LOW	1	7776	0	0	0	8	34030	1686	400	1526	35557	12938
	Sewage	HIGH	1	7776	59	58	410	66	34030	1686	447	2078	36109	12938
	TOTAL	**LOW**	**4**	**3062276**	**0**	**0**	**0**	**41**	**192209**	**3819106**	**80091**	**3641659**	**3833867**	**96341**
	TOTAL	**HIGH**	**4**	**3062276**	**23420**	**23409**	**163952**	**23407**	**193796**	**3819106**	**80138**	**3642211**	**3836006**	**100525**
E21	Industrial	LOW	2	10867	0	0	0	364	15068	39178	191		54437	1212
	Industrial	HIGH	2	10867	30	30	206	391	15068	39555	274		54897	1610
	Rivers	LOW	2	1005868	0	0	0	1263	55927	2677121	33352		2766400	155609
	Rivers	HIGH	2	1005868	2859	2822	19899	4187	56228	2677121	33352		2766701	155609
	Sewage	LOW	3	56840	0	0	0	1463	447045	53087	4790		504922	116599
	Sewage	HIGH	3	56840	137	137	951	1607	447045	54691	5034		506770	116599
	TOTAL	**LOW**	**7**	**1073575**	**0**	**0**	**0**	**3090**	**518040**	**2769386**	**38333**		**3325759**	**273420**
	TOTAL	**HIGH**	**7**	**1073575**	**3026**	**2989**	**21056**	**6186**	**518341**	**2771367**	**38660**		**3328368**	**273818**
E22	Industrial	LOW	3	1834	0	0	0	0	29505	31170	523		61198	305
	Industrial	HIGH	3	1834	7	7	47	8	29522	31170	526		61218	335
	Rivers	LOW	3	9652077	0	0	0	15498	514581	12783601	3542	20275484	20829111	1133023
	Rivers	HIGH	3	9652077	23048	23048	161339	31603	528210	12783601	3542	20275484	20842739	1146974
	Sewage	LOW	2	203283	0	0	0	639	1512193	23165	2904	7414	1545677	391706
	Sewage	HIGH	2	203283	2625	2625	18375	3135	1512193	30901	4225	7414	1546998	391706
	TOTAL	**LOW**	**8**	**9857193**	**0**	**0**	**0**	**16137**	**2056279**	**12837936**	**6969**	**20282898**	**22435988**	**1525034**
	TOTAL	**HIGH**	**8**	**9857193**	**25680**	**25680**	**179761**	**34746**	**2069925**	**12845672**	**8293**	**20282898**	**22450955**	**1539014**
E23	Industrial	LOW	6	114589	19062	11070	140095	0	304571	81388	17808	98554	403125	45869
	Industrial	HIGH	6	114589	23844	17586	177129	7519	306598	81388	17844	99240	405838	60452
	Rivers	LOW	7	11570062	0	0	0	0	263601	11941118	110332	12050658	12314259	295021
	Rivers	HIGH	7	11570062	4583	4583	32078	23189	272294	11941118	110364	12050658	12322952	304446
	Sewage	LOW	8	374472	0	0	0	178	1582715	206711	26726	203453	1786168	413468
	Sewage	HIGH	8	374472	2977	2977	20838	3108	1582958	206711	28146	234833	1817791	422068
	TOTAL	**LOW**	**21**	**12059123**	**19062**	**11070**	**140095**	**178**	**2150887**	**12228218**	**154886**	**12352865**	**14503553**	**754357**
	TOTAL	**HIGH**	**21**	**12059123**	**31403**	**25145**	**230045**	**33816**	**2161850**	**12228218**	**156354**	**12384732**	**14546582**	**786965**
E24	Industrial	LOW	8	89212	0	0	0	0	166582	78357	7479	83641	250223	30047
	Industrial	HIGH	8	89212	326	1226	3183	353	169448	78357	7662	85968	255416	38908
	Rivers	LOW	8	2228631	19	18	110	0	69630	1286899	16480	1303002	1372632	72158
	Rivers	HIGH	8	2228631	2523	2522	17639	4217	70478	1286899	16480	1303052	1373530	74984
	Sewage	LOW	7	189541	0	0	0	2587	1233074	73807	11806	66843	1299917	255081
	Sewage	HIGH	7	189541	967	967	6766	3509	1233388	73807	12806	86616	1320004	255081
	TOTAL	**LOW**	**23**	**2507384**	**19**	**18**	**110**	**2587**	**1469286**	**1439063**	**35764**	**1453486**	**2922772**	**357285**
	TOTAL	**HIGH**	**23**	**2507384**	**3816**	**4715**	**27588**	**8079**	**1473314**	**1439063**	**36948**	**1475636**	**2948950**	**368972**

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E25	Industrial	LOW	5	33452	0	0	0	0	75129	8498	1903	6588	81717	5728
	Industrial	HIGH	5	33452	420	420	2939	417	75229	8498	2109	10607	85836	9159
	Rivers	LOW	6	4197885	0	0	0	0	62672	2983125	20934	3004753	3067425	31964
	Rivers	HIGH	6	4197885	8284	8284	57989	9787	64642	2983125	21071	3004753	3069395	57880
	Sewage	LOW	6	79034	0	0	0	315	511590	63976	26613	78901	590490	138963
	Sewage	HIGH	6	79034	460	460	3221	747	512152	63976	26964	86529	598681	138990
	TOTAL	LOW	17	4310371	0	0	0	315	649391	3055599	49450	3090242	3739633	176655
	TOTAL	HIGH	17	4310371	9164	9164	64149	10951	652023	3055599	50143	3101889	3753912	206029
E26	Industrial	LOW												
	Industrial	HIGH												
	Rivers	LOW	6	5613465	0	0	0	0	72643	3827834	21833	3937354	4009997	52498
	Rivers	HIGH	6	5613465	5046	5046	35320	8547	78700	3827834	22028	3938402	4017102	71277
	Sewage	LOW	3	12646	0	0	0	79	532714	4919	1673	5603	538318	43408
	Sewage	HIGH	3	12646	46	46	325	203	532714	4919	1707	6626	539340	43408
	TOTAL	LOW	9	5626111	0	0	0	79	605357	3832752	23506	3942958	4848314	95906
	TOTAL	HIGH	9	5626111	5092	5092	35645	8750	611414	3832752	23738	3915028	4556442	114685
E27	Industrial	LOW	11	60914	0	0	0	0	12834	18246	1851	11810	24644	22511
	Industrial	HIGH	11	60914	53	53	370	202	17231	18246	2228	20394	37626	29847
	Rivers	LOW	7	4422080	0	0	381	1	109636	2930825	35555	3083145	3192780	147993
	Rivers	HIGH	7	4422080	4882	4882	34173	4884	113609	2930825	35557	3083145	3196755	156811
	Sewage	LOW	7	67572	0	0	0	56	798169	15711	2516	8522	806691	102776
	Sewage	HIGH	7	67572	249	249	1730	1003	798169	15711	2962	18679	816848	104899
	TOTAL	LOW	25	4550565	0	0	381	57	920638	2964782	39922	3103477	4024115	273280
	TOTAL	HIGH	25	4550565	5184	5184	36274	6088	929009	2964782	40746	3122219	4051228	291557
E28	Industrial	LOW	4	0					99640				99640	
	Industrial	HIGH	4	0					99640				99640	
	Rivers	LOW	3	3044954				35150	4642885	5489276	352837		10484999	1255330
	Rivers	HIGH	3	3044954				35150	4642885	5489276	352837		10484999	1255330
	Sewage	LOW	2	91000					1025290	58406	12172		1095868	203967
	Sewage	HIGH	2	91000					1025290	67618	16383		1109291	203967
	TOTAL	LOW	9	3135954				35150	5767815	5547682	365009		11680507	1459297
	TOTAL	HIGH	9	3135954				35150	5767815	5556894	369220		11693930	1459297
E29	Industrial	LOW	1	0										
	Industrial	HIGH	1	0										
	Rivers	LOW	7	8168444				98850	701738	6354448	92382		7148567	580177
	Rivers	HIGH	7	8168444				98950	704381	6354448	102293		7161122	587051
	Sewage	LOW	1	83200					705327	8199	1136		714662	175369
	Sewage	HIGH	1	83200					705327	11175	1166		717668	175369
	TOTAL	LOW	9	8251644				98850	1407065	6362647	93518		7863229	755546
	TOTAL	HIGH	9	8251644				98950	1409708	6365623	103459		7876790	762420

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr
E30	Industrial	LOW	1	0					63963	53794	139		117896	5931521
	Industrial	HIGH	1	0					63963	53867	197		118027	5931521
	Rivers	LOW	2	5953625				52770	210396	4308558	36014		4554968	118553
	Rivers	HIGH	2	5953625				52770	212186	4308558	40864		4561609	122988
	Sewage	LOW												
	Sewage	HIGH												
	TOTAL	LOW	3	5953625				52770	274359	4362352	36153		4672864	6050074
	TOTAL	HIGH	3	5953625				52770	276149	4362425	41061		4679636	6054509
TOTAL	Industrial	LOW	108	973670	19161	11097	140565	1141	16859792	4703856	503774	588956	22424128	6445384
	Industrial	HIGH	108	973670	25112	19646	186966	12651	16880356	4711961	505581	606082	22470880	6486086
	Rivers	LOW	139	105812924	1031	279	5769	297123	16383861	128360906	1474903	105905896	163587878	12013054
	Rivers	HIGH	139	105812924	175949	174459	1222540	491627	21946263	128388430	1520039	105909671	169225580	12237673
	Sewage	LOW	129	5873454	524	118	2069	108418	32479573	9411271	904708	10651670	44223573	11980874
	Sewage	HIGH	129	5873454	18656	17937	135024	139722	32643905	9554392	1003622	10792162	44738731	11991632
	TOTAL	LOW	376	112660048	20716	11494	148403	406681	65723226	142476032	2883384	117146522	230235579	30439312
	TOTAL	HIGH	376	112660048	219717	212042	1544530	644000	71470525	142654783	3029242	117307915	236435191	30715390

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E1	Industrial	LOW	5	46967		281228551
	Industrial	HIGH	5	46967		281228551
	Rivers	LOW	4	5575701		16471524
	Rivers	HIGH	4	5575701		16727392
	Sewage	LOW	5	36067		1957604
	Sewage	HIGH	5	36067		1957604
	TOTAL	LOW	14	5658735		299657679
	TOTAL	HIGH	14	5658735		299913547
E2	Industrial	LOW	5	11278		112050
	Industrial	HIGH	5	11278		112507
	Rivers	LOW	3	3165676		51554490
	Rivers	HIGH	3	3165676		51573411
	Sewage	LOW	1	370273		12838651
	Sewage	HIGH	1	370273		12838651
	TOTAL	LOW	9	3547227		64505191
	TOTAL	HIGH	9	3547227		64524569
E2a	Industrial	LOW	1	14700		572645
	Industrial	HIGH	1	14700		572645
	Rivers	LOW				
	Rivers	HIGH				
	Sewage	LOW				
	Sewage	HIGH				
	TOTAL	LOW	1	14700		572645
	TOTAL	HIGH	1	14700		572645
E3	Industrial	LOW	1	3583		1032140
	Industrial	HIGH	1	3583		1032140
	Rivers	LOW	1	1314720		17417858
	Rivers	HIGH	1	1314720		17428633
	Sewage	LOW	2	25563		641904
	Sewage	HIGH	2	25563		641904
	TOTAL	LOW	4	1343888		19091903
	TOTAL	HIGH	4	1343888		19102877
E4	Industrial	LOW	2	62883		6524453
	Industrial	HIGH	2	62883		6524453
	Rivers	LOW				
	Rivers	HIGH				
	Sewage	LOW	6	138453		23065431
	Sewage	HIGH	6	138453		23065431
	TOTAL	LOW	8	201336		29589884
	TOTAL	HIGH	8	201336		29589884

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E5	Industrial	LOW	20	287042		33020648
	Industrial	HIGH	20	287042		33020655
	Rivers	LOW	2	2217338		32388619
	Rivers	HIGH	2	2217338		32486094
	Sewage	LOW	3	71723		2794541
	Sewage	HIGH	3	71723		2794541
	TOTAL	LOW	25	2576104		68203808
	TOTAL	HIGH	25	2576104		68301289
E6	Industrial	LOW	1	23653		142726797
	Industrial	HIGH	1	23653		142726797
	Rivers	LOW				
	Rivers	HIGH				
	Sewage	LOW	4	39057		4935524
	Sewage	HIGH	4	39057		4935524
	TOTAL	LOW	5	62710		147662321
	TOTAL	HIGH	5	62710		147662321
E7	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW				
	Rivers	HIGH				
	Sewage	LOW	1	24432		3125703
	Sewage	HIGH	1	24432		3125703
	TOTAL	LOW	1	24432		3125703
	TOTAL	HIGH	1	24432		3125703
E7a	Industrial	LOW	15	118269		52485937
	Industrial	HIGH	15	118269		52485940
	Rivers	LOW	8	15785467		155163145
	Rivers	HIGH	8	15785467		155190973
	Sewage	LOW	4	151703		14310951
	Sewage	HIGH	4	151703		14310951
	TOTAL	LOW	27	16055440		221960033
	TOTAL	HIGH	27	16055440		221987864
E9	Industrial	LOW	1	706		6487
	Industrial	HIGH	1	706		6670
	Rivers	LOW	7	1740540		9249271
	Rivers	HIGH	7	1740540		9314462
	Sewage	LOW	5	92401		1642565
	Sewage	HIGH	5	92401		1642565
	TOTAL	LOW	13	1833647		10896323
	TOTAL	HIGH	13	1833647		10963697

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E10	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	6	959241		4744820
	Rivers	HIGH	6	959241		5334556
	Sewage	LOW	3	86436		6383905
	Sewage	HIGH	3	86436		6383905
	TOTAL	LOW	9	1045678		11128725
	TOTAL	HIGH	9	1045678		11718461
E11	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	3	267510		736312
	Rivers	HIGH	3	267510		866157
	Sewage	LOW	4	67510		408582
	Sewage	HIGH	4	67510		414530
	TOTAL	LOW	7	335020		1144894
	TOTAL	HIGH	7	335020		1280686
E12	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	10	2658198		16843822
	Rivers	HIGH	10	2658198		16843822
	Sewage	LOW	6	2646241		23637179
	Sewage	HIGH	6	2646241		23638268
	TOTAL	LOW	16	5304439		40481001
	TOTAL	HIGH	16	5304439		40482089
E13	Industrial	LOW	10	65855		3138204
	Industrial	HIGH	10	65855		3166784
	Rivers	LOW	3	756078		19679692
	Rivers	HIGH	3	756078		19679692
	Sewage	LOW	11	157519		11405561
	Sewage	HIGH	11	157519		11405561
	TOTAL	LOW	24	978452		34223458
	TOTAL	HIGH	24	978452		34252038
E14	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	5	717890		6889811
	Rivers	HIGH	5	717890		6889811
	Sewage	LOW	11	265441		27257915
	Sewage	HIGH	11	265441		27257915
	TOTAL	LOW	16	983330		34147727
	TOTAL	HIGH	16	983330		34147727

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E15	Industrial	LOW	3	23094		615275
	Industrial	HIGH	3	23094		615275
	Rivers	LOW	3	681338		2012274
	Rivers	HIGH	3	681338		2031864
	Sewage	LOW	7	239490		7258253
	Sewage	HIGH	7	239490		7258253
	TOTAL	LOW	13	943922		9885803
	TOTAL	HIGH	13	943922		9905392
E16	Industrial	LOW	2	1349		12491
	Industrial	HIGH	2	1349		12491
	Rivers	LOW	3	2654323		13400441
	Rivers	HIGH	3	2654323		13400441
	Sewage	LOW	4	86853		1693975
	Sewage	HIGH	4	86853		1695567
	TOTAL	LOW	9	2742625		15106907
	TOTAL	HIGH	9	2742625		15108499
E17	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	6	3608352		11383189
	Rivers	HIGH	6	3608352		11718928
	Sewage	LOW	5	122056		4929866
	Sewage	HIGH	5	122056		4932785
	TOTAL	LOW	11	3730408		16313054
	TOTAL	HIGH	11	3730408		16651713
E18	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	16	3969705		23109667
	Rivers	HIGH	16	3969705		23908359
	Sewage	LOW	4	71659		1666462
	Sewage	HIGH	4	71659		1672099
	TOTAL	LOW	20	4041364		24776129
	TOTAL	HIGH	20	4041364		25580458
E19	Industrial	LOW	1	3420		52117
	Industrial	HIGH	1	3420		52117
	Rivers	LOW	5	829256		3382200
	Rivers	HIGH	5	829256		3520762
	Sewage	LOW	3	15215		1749624
	Sewage	HIGH	3	15215		1749624
	TOTAL	LOW	9	847891		5183940
	TOTAL	HIGH	9	847891		5322502

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E20	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	3	3054500		140651922
	Rivers	HIGH	3	3054500		140756564
	Sewage	LOW	1	7776		556232
	Sewage	HIGH	1	7776		558124
	TOTAL	LOW	4	3062276		141208154
	TOTAL	HIGH	4	3062276		141314688
E21	Industrial	LOW	2	10867		690318
	Industrial	HIGH	2	10867		690318
	Rivers	LOW	2	1005868		4807241
	Rivers	HIGH	2	1005868		4807241
	Sewage	LOW	3	56840		3109334
	Sewage	HIGH	3	56840		3109334
	TOTAL	LOW	7	1073575		8606893
	TOTAL	HIGH	7	1073575		8606893
E22	Industrial	LOW	3	1834		46549
	Industrial	HIGH	3	1834		46549
	Rivers	LOW	3	9652077		19535243
	Rivers	HIGH	3	9652077		19535243
	Sewage	LOW	2	203283		6801633
	Sewage	HIGH	2	203283		6801633
	TOTAL	LOW	8	9857193		26383425
	TOTAL	HIGH	8	9857193		26383425
E23	Industrial	LOW	6	114589		16438006
	Industrial	HIGH	6	114589		16438006
	Rivers	LOW	7	11570062		131182302
	Rivers	HIGH	7	11570062		131655649
	Sewage	LOW	8	374472		18954684
	Sewage	HIGH	8	374472		18954684
	TOTAL	LOW	21	12059123		168574991
	TOTAL	HIGH	21	12059123		167048338
E24	Industrial	LOW	8	89212		7367354
	Industrial	HIGH	8	89212		7367866
	Rivers	LOW	8	2228631		6795138
	Rivers	HIGH	8	2228631		6948618
	Sewage	LOW	7	189541		12666195
	Sewage	HIGH	7	189541		12666195
	TOTAL	LOW	23	2507384		26828686
	TOTAL	HIGH	23	2507384		26982679

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E25	Industrial	LOW	5	33452		598356
	Industrial	HIGH	5	33452		598504
	Rivers	LOW	6	4197885		18427945
	Rivers	HIGH	6	4197885		18597200
	Sewage	LOW	6	79034		2908410
	Sewage	HIGH	6	79034		2908410
	TOTAL	LOW	17	4310371		21934710
	TOTAL	HIGH	17	4310371		22104113
E26	Industrial	LOW				
	Industrial	HIGH				
	Rivers	LOW	6	5613465		13352969
	Rivers	HIGH	6	5613465		13994003
	Sewage	LOW	3	12646		991319
	Sewage	HIGH	3	12646		991319
	TOTAL	LOW	9	5626111		14344288
	TOTAL	HIGH	9	5626111		14985323
E27	Industrial	LOW	11	60914		2438769
	Industrial	HIGH	11	60914		2438785
	Rivers	LOW	7	4422080		18488109
	Rivers	HIGH	7	4422080		18519078
	Sewage	LOW	7	67572		3174408
	Sewage	HIGH	7	67572		3174408
	TOTAL	LOW	25	4550565		24101286
	TOTAL	HIGH	25	4550565		24132271
E28	Industrial	LOW	4	0		
	Industrial	HIGH	4	0		
	Rivers	LOW	3	3044954	1255330	21081430
	Rivers	HIGH	3	3044954	1255330	21089915
	Sewage	LOW	2	91000	203967	4105210
	Sewage	HIGH	2	91000	203967	4105210
	TOTAL	LOW	9	3135954	1459297	25186640
	TOTAL	HIGH	9	3135954	1459297	25195125
E29	Industrial	LOW	1	0		
	Industrial	HIGH	1	0		
	Rivers	LOW	7	8168444	580177	68259463
	Rivers	HIGH	7	8168444	587051	68413666
	Sewage	LOW	1	83200	175369	2264238
	Sewage	HIGH	1	83200	175369	2264238
	TOTAL	LOW	9	8251644	755546	70523701
	TOTAL	HIGH	9	8251644	762420	70677904

PARCOM High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Tot Inorg P Kg/year	SPM Kg/yr
E30	Industrial	LOW	1	0	5931521	319569641
	Industrial	HIGH	1	0	5931521	319569641
	Rivers	LOW	2	5953625	118553	39566267
	Rivers	HIGH	2	5953625	122988	39597401
	Sewage	LOW				
	Sewage	HIGH				
	TOTAL	LOW	3	5953625	6050074	359135908
	TOTAL	HIGH	3	5953625	6054509	359167042
TOTAL	Industrial	LOW	108	973670	5931521	868676788
	Industrial	HIGH	108	973670	5931521	868706692
	Rivers	LOW	139	105812924	1954059	866575163
	Rivers	HIGH	139	105812924	1965369	870829932
	Sewage	LOW	129	5873454	379336	207235859
	Sewage	HIGH	129	5873454	379336	207254937
	TOTAL	LOW	376	112660048	8264916	1942487811
	TOTAL	HIGH	376	112660048	8276226	1946791561

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E1	Industrial	LOW	2	4600	0	4	285	1438	1026					
	Industrial	HIGH	2	4600	0	4	285	1438	1026					
	Sewage	LOW	3	40763	2	5	1237	2303	220	0	0	0	0	0
	Sewage	HIGH	3	40763	2	21	1237	2303	303	22	22	22	22	22
	River	LOW	3	8052804	314	33	13988	19914	3470	0	0	0	0	0
	River	HIGH	3	8052804	314	71	14313	19953	3470	5682	5682	5682	5682	5682
	Total	**LOW**	**8**	**8098167**	**316**	**41**	**15510**	**23856**	**4715**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**8098167**	**316**	**96**	**15835**	**23694**	**4798**	**5705**	**5705**	**5705**	**5705**	**5705**
E2	Industrial	LOW	2	645	0	4	13	179	4803	0	0	0	0	0
	Industrial	HIGH	2	645	0	4	13	179	4803	1	1	1	1	1
	Sewage	LOW	1	400123	13	30	20572	17893	5274	0	0	25	37	0
	Sewage	HIGH	1	400123	14	231	20572	17893	6283	290	290	290	303	290
	River	LOW	3	3833412	138	483	3020	144439	24414	0	0	0	0	0
	River	HIGH	3	3833412	141	483	3020	144439	24414	3088	3088	3088	3088	3088
	Total	**LOW**	**6**	**4234181**	**151**	**517**	**23605**	**162511**	**34491**	**0**	**0**	**25**	**37**	**0**
	Total	**HIGH**	**6**	**4234181**	**155**	**718**	**23605**	**162511**	**35500**	**3379**	**3379**	**3379**	**3391**	**3379**
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	15541	1	0	37	271	14	0	0	0	0	0
	Sewage	HIGH	1	15541	1	18	50	271	141	12	12	12	12	12
	River	LOW	1	907511	25	107	12139	28938	14886	0	0	0	0	0
	River	HIGH	1	907511	32	107	12139	28946	14886	551	551	551	551	551
	Total	**LOW**	**2**	**923052**	**26**	**107**	**12176**	**29210**	**14900**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**2**	**923052**	**32**	**125**	**12189**	**29217**	**15027**	**562**	**562**	**562**	**562**	**562**
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	160781	11	38	6815	11812	4819	8	0	0	0	9
	Sewage	HIGH	4	160781	11	58	6815	11812	5051	109	105	105	105	108
	River	LOW												
	River	HIGH												
	Total	**LOW**	**4**	**160781**	**11**	**38**	**6815**	**11812**	**4819**	**8**	**0**	**0**	**0**	**9**
	Total	**HIGH**	**4**	**160781**	**11**	**58**	**6815**	**11812**	**5051**	**109**	**105**	**105**	**105**	**108**
E5	Industrial	LOW	10	269667	59	259	28302	118683	15117	0	30	0	0	0
	Industrial	HIGH	10	269667	59	424	28324	118683	15375	192	222	192	192	192
	Sewage	LOW	3	107609	7	25	2442	5286	879	0	40	157	164	108
	Sewage	HIGH	3	107609	7	90	2442	5286	1167	80	118	237	243	187
	River	LOW	1	1490387	37	47	1647	12082	6653	0	0	0	0	0
	River	HIGH	1	1490387	39	47	1647	12082	6653	1139	1139	1139	1139	1139
	Total	**LOW**	**14**	**1867683**	**103**	**331**	**32391**	**136051**	**22648**	**0**	**70**	**157**	**164**	**108**
	Total	**HIGH**	**14**	**1867683**	**105**	**561**	**32412**	**136051**	**23194**	**1411**	**1478**	**1568**	**1574**	**1518**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E6	Industrial	LOW	1	25112	44	3	1551	6069	289	0	0	0	0	0
	Industrial	HIGH	1	25112	44	6	1551	6069	289	51	51	51	51	51
	Sewage	LOW	2	27850	1	5	555	1780	554	0	0	0	0	0
	Sewage	HIGH	2	27850	3	7	555	1780	562	36	36	35	36	36
	River	LOW												
	River	HIGH												
	Total	LOW	3	52962	45	8	2106	7849	843	0	0	0	0	0
	Total	HIGH	3	52962	47	13	2106	7849	850	87	87	86	87	87
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	4560	0	1	124	230	53	0	0	0	0	0
	Sewage	HIGH	1	4560	1	1	124	230	53	8	8	8	8	8
	River	LOW												
	River	HIGH												
	Total	LOW	1	4560	0	1	124	230	53	0	0	0	0	0
	Total	HIGH	1	4560	1	1	124	230	53	8	8	8	8	8
E7a	Industrial	LOW	11	117451	12	232	20988	588933	19092	0	1	0	0	0
	Industrial	HIGH	11	117451	14	249	21052	588933	19632	35	35	35	35	35
	Sewage	LOW	4	153212	18	108	3284	25137	3299	0	0	0	0	0
	Sewage	HIGH	4	153212	29	111	3284	25137	3299	222	222	222	222	222
	River	LOW	8	17350914	19	1551	60373	269276	78805	0	2435	2427	2766	2763
	River	HIGH	8	17350914	914	2320	60387	287279	78971	11353	12692	12862	12699	12619
	Total	LOW	23	17621577	49	1892	84645	883346	101197	0	2436	2427	2766	2763
	Total	HIGH	23	17621577	957	2680	84723	901350	101902	11610	12949	13119	12956	12876
E9	Industrial	LOW	1	868	1	0	1	15	0					
	Industrial	HIGH	1	868	1	0	3	15	2					
	Sewage	LOW	5	133005	1	2	389	1813	126					
	Sewage	HIGH	5	133005	2	6	389	1813	128					
	River	LOW	5	4464537	56	162	7636	27444	4256	0	0	0	0	0
	River	HIGH	5	4464537	117	252	7655	27452	4482	7727	7727	7727	7728	7727
	Total	LOW	11	4596411	58	164	8026	29271	4383	0	0	0	0	0
	Total	HIGH	11	4596411	120	258	8047	29280	4612	7727	7727	7727	7728	7727
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	99093	5	14	1976	3969	856	0	0	0	0	0
	Sewage	HIGH	3	99093	6	16	1976	3969	856	110	110	110	110	110
	River	LOW	7	1185438	3	2	1244	3862	749	0	0	0	0	0
	River	HIGH	7	1185438	31	47	1288	3864	899	1894	1894	1894	1894	1894
	Total	LOW	10	1284532	8	16	3220	7831	1605	0	0	0	0	0
	Total	HIGH	10	1284532	37	63	3264	7833	1755	2004	2004	2004	2004	2004

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	71710	1	5	323	1005	124					
	Sewage	HIGH	4	71710	1	6	323	1005	125					
	River	LOW	4	419506	5	7	895	2552	730	0	0	0	0	0
	River	HIGH	4	419506	11	17	895	2552	754	827	827	827	827	827
	Total	LOW	8	491216	6	12	1218	3557	854	0	0	0	0	0
	Total	HIGH	8	491216	11	22	1218	3557	879	827	827	827	827	827
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	2603338	32	34	8837	69879	9407	0	0	0	0	0
	Sewage	HIGH	6	2603338	125	507	10073	69879	10452	4814	4814	4843	4890	4914
	River	LOW	10	4096559	0	20	11561	47221	6371	0	0	0	0	0
	River	HIGH	10	4096559	150	618	13291	47337	9743	7550	7408	7732	7824	7813
	Total	LOW	16	6699896	32	54	20398	117100	15777	0	0	0	0	0
	Total	HIGH	16	6699896	274	1125	23364	117216	20194	12364	12222	12575	12714	12727
E13	Industrial	LOW	3	37248			106			0	0	0	0	0
	Industrial	HIGH	3	37248			126			0	0	0	0	0
	Sewage	LOW	11	149203		40	3617	11576	0	0	0	0	0	0
	Sewage	HIGH	11	149203		40	3617	11576	0	111	111	111	111	111
	River	LOW	3	1125341				5121	91	0	0	0	0	0
	River	HIGH	3	1125341				5121	107	224	224	224	224	224
	Total	LOW	17	1311792		40	3723	16697	91	0	0	0	0	0
	Total	HIGH	17	1311792		40	3743	16897	107	335	335	335	335	335
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	261024		22	8232	6344	6967	0	0	0	0	0
	Sewage	HIGH	9	261024		23	8232	6344	6975	157	157	157	157	157
	River	LOW	4	837429		1			78	0	0	0	0	0
	River	HIGH	4	837429		8			92	177	177	177	173	177
	Total	LOW	13	1098453		23	8232	6344	7045	0	0	0	0	0
	Total	HIGH	13	1098453		31	8232	6344	7067	334	334	334	330	334
E15	Industrial	LOW	1	537		4	28							
	Industrial	HIGH	1	537		4	28							
	Sewage	LOW	7	280291		13	3518	3379	2011	0	0	0	0	0
	Sewage	HIGH	7	280291		13	3527	3379	2011	355	355	355	361	355
	River	LOW	2	770042						0	0	0	0	0
	River	HIGH	2	770042						585	585	585	602	585
	Total	LOW	10	1050871		17	3546	3379	2011	0	0	0	0	0
	Total	HIGH	10	1050871		18	3555	3379	2011	940	940	940	963	940

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E16	Industrial	LOW	2	1245	0	2	9	49	3	0	3	2	2	
	Industrial	HIGH	2	1245	0	9	80	61	187	1	3	3	2	
	Sewage	LOW	4	77478	0	5	1478	1925	317	0	0	0	0	0
	Sewage	HIGH	4	77478	0	8	1478	1925	321	10	11	11	8	10
	River	LOW	3	2554647	5	53	2778	10115	1679	0	126	0	0	9
	River	HIGH	3	2554647	20	96	2778	10115	1748	2383	2888	2858	1911	2528
	Total	**LOW**	**9**	**2633370**	**5**	**61**	**4264**	**12088**	**1999**	**0**	**129**	**2**	**2**	**10**
	Total	**HIGH**	**9**	**2633370**	**21**	**113**	**4336**	**12101**	**2258**	**2393**	**2903**	**2872**	**1921**	**2539**
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	138196	5	1	2327	271	187	2	0	0	2	0
	Sewage	HIGH	6	138196	5	1	2327	271	187	51	60	61	40	60
	River	LOW	4	5379950	0	480	17229	82701	25468					
	River	HIGH	4	5379950	4	480	17229	82701	25468					
	Total	**LOW**	**10**	**5518146**	**5**	**481**	**19557**	**82972**	**25654**	**2**	**0**	**0**	**2**	**0**
	Total	**HIGH**	**10**	**5518146**	**9**	**481**	**19557**	**82972**	**25654**	**51**	**60**	**61**	**40**	**60**
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	8	99483										
	Sewage	HIGH	8	99483										
	River	LOW	11	5097976	9	1414	58834	768467	5958	0	13	0	0	2
	River	HIGH	11	5097976	41	1428	58834	768467	6379	141	174	168	112	160
	Total	**LOW**	**20**	**5198709**	**9**	**1414**	**58834**	**768467**	**5958**	**0**	**13**	**0**	**0**	**2**
	Total	**HIGH**	**20**	**5198709**	**41**	**1428**	**58834**	**768467**	**6379**	**141**	**174**	**168**	**112**	**160**
E19	Industrial	LOW	1	3420		1	8863	821	21					
	Industrial	HIGH	1	3420		3	8863	821	27					
	Sewage	LOW	4	17772	1	6	564	1533	263	1	0	0	0	0
	Sewage	HIGH	4	17772	1	6	564	1533	263	8	10	11	6	10
	River	LOW	3	998508		114	7970	42808	2341					
	River	HIGH	3	998508		114	7970	42808	2344					
	Total	**LOW**	**8**	**1019700**	**1**	**121**	**17397**	**45161**	**2625**	**1**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**1019700**	**1**	**122**	**17397**	**45161**	**2633**	**8**	**10**	**11**	**6**	**10**
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	22311										
	Sewage	HIGH	2	22311										
	River	LOW	2	2803125	0	80	3023	11399	1823					
	River	HIGH	2	2803125	19	80	3023	11399	1823					
	Total	**LOW**	**4**	**2825437**	**0**	**80**	**3023**	**11399**	**1823**					
	Total	**HIGH**	**4**	**2825437**	**19**	**80**	**3023**	**11399**	**1823**					

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E21	Industrial	LOW	2	16460	0	22	113	1569	448	0	0	0	0	0
	Industrial	HIGH	2	16460	0	118	1092	1657	2578	7	8	8	5	8
	Sewage	LOW	3	61222	3	22	3163	8170	311					
	Sewage	HIGH	3	61222	3	147	4000	8291	3453					
	River	LOW	2	729317	3	29	1868	4932	921	0	0	0	39	0
	River	HIGH	2	729317	8	52	1868	4932	932	678	810	810	549	807
	Total	LOW	7	806999	6	73	5144	14671	1680	0	0	0	39	0
	Total	HIGH	7	806999	11	317	6960	14881	6963	684	817	817	555	815
E22	Industrial	LOW	4	24132	10	3328	784	38482	1334					
	Industrial	HIGH	4	24132	10	3371	1568	38490	2756					
	Sewage	LOW	2	192603	5	50	3567	23508	2224	0	0	0	0	0
	Sewage	HIGH	2	192603	6	50	3567	23508	2224	1	1	1	1	1
	River	LOW	2	10003395	0	500	18465	84364	19914	0	0	23883	0	15
	River	HIGH	2	10003395	309	642	18465	84364	19914	9404	9619	33070	9183	9843
	Total	LOW	8	10220131	15	3878	22816	146354	23471	0	0	23883	0	15
	Total	HIGH	8	10220131	325	4063	23600	146362	24894	9405	9620	33071	9184	9844
E23	Industrial	LOW	6	126280	3	19	843	4317	674	52280	14045	14211	9813	9951
	Industrial	HIGH	6	126280	3	26	843	4321	705	58508	26982	27148	22622	22759
	Sewage	LOW	7	2822425	22	76	12822	59837	4883	0	0	0	0	0
	Sewage	HIGH	7	2822425	22	286	12822	59837	4886	21084	21084	21084	21084	21084
	River	LOW	7	12502909	81	25	13249	44014	3983	0	0	0	0	0
	River	HIGH	7	12502909	179	1318	15412	44321	10817	25885	25885	25885	25885	25885
	Total	LOW	20	15451614	107	120	26915	108168	9540	52280	14045	14211	9813	9951
	Total	HIGH	20	15451614	205	1630	29077	108478	16408	105477	73951	74117	69590	69728
E24	Industrial	LOW	6	69739	2	21	798	24705	931	0	0	0	0	0
	Industrial	HIGH	6	69739	2	25	804	24707	945	500	500	500	500	500
	Sewage	LOW	6	170788	3	12	2096	9145	933	0	0	0	0	0
	Sewage	HIGH	6	170788	3	27	2097	9146	970	1099	1099	1099	1099	1099
	River	LOW	9	3181876	13	119	4654	58681	1404	0	0	0	0	0
	River	HIGH	9	3181876	30	462	5312	58716	3309	6314	6314	6314	6314	6314
	Total	LOW	21	3422403	18	152	7548	92532	3267	0	0	0	0	0
	Total	HIGH	21	3422403	35	514	8213	92670	5224	7913	7913	7913	7913	7913
E25	Industrial	LOW	3	22524	1	1	94	607	40	0	0	0	0	0
	Industrial	HIGH	3	22524	1	4	94	607	44	211	211	257	257	257
	Sewage	LOW	9	272827	0	7	1136	6356	705	0	0	0	0	0
	Sewage	HIGH	9	272827	1	32	1191	6410	795	2386	2386	2386	2386	2386
	River	LOW	6	4934808	7	0	3741	22056	1940	0	0	0	0	0
	River	HIGH	6	4934808	36	591	6236	22257	5436	7865	7865	7865	7865	7865
	Total	LOW	18	5230158	8	9	4970	29019	2685	0	0	0	0	0
	Total	HIGH	18	5230158	38	627	7520	29274	6278	10462	10462	10507	10507	10507

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	25403	0	1	143	532	163	0	0	0	0	0
	Sewage	HIGH	3	25403	0	3	143	532	164	179	179	179	179	179
	River	LOW	6	5925955	4	75	3983	137798	8477	0	0	0	0	0
	River	HIGH	6	5925955	61	1445	6054	138155	10503	7185	7185	7185	7185	7185
	Total	LOW	9	5951358	4	78	4126	138330	8640	0	0	0	0	0
	Total	HIGH	9	5951358	61	1449	6197	138687	10667	7364	7364	7364	7364	7364
E27	Industrial	LOW	7	27576	0	5	278	2726	39	0	0	0	0	0
	Industrial	HIGH	7	27576	1	5	278	2726	42	141	143	141	141	141
	Sewage	LOW	7	72465	0	13	1656	4639	801	0	0	0	0	0
	Sewage	HIGH	7	72465	2	14	1656	4639	805	199	199	199	199	199
	River	LOW	7	5036910	6	258	17330	108631	3369	0	0	0	0	0
	River	HIGH	7	5036910	101	1209	17330	108758	3989	4874	4874	4874	4874	4874
	Total	LOW	21	5136952	6	276	19264	115996	4209	0	0	0	0	0
	Total	HIGH	21	5136952	103	1228	19264	116123	4836	5214	5215	5214	5214	5214
E28	Industrial	LOW	3	156400	1128	29	3543	14354	13892					
	Industrial	HIGH	3	156400	1128	29	3543	14354	14466					
	Sewage	LOW	3	101500		20	2060	8904	489					
	Sewage	HIGH	3	101500		20	2060	8904	1045					
	River	LOW	4	5636032	498	528	20125	80183	18152					
	River	HIGH	4	5636032	499	531	20125	80183	18516					
	Total	LOW	10	5893932	1626	576	25728	103441	32832					
	Total	HIGH	10	5893932	1627	579	25728	103441	34028					
E29	Industrial	LOW	1	6982	381									
	Industrial	HIGH	1	6982	381									
	Sewage	LOW	1	83200		28	594	1474	378					
	Sewage	HIGH	1	83200		64	608	1474	508					
	River	LOW	7	8865221	114	906	11436	46363	9496					
	River	HIGH	7	8865221	212	907	11476	46671	15078					
	Total	LOW	8	8955404	495	935	12030	47837	9875					
	Total	HIGH	9	8955404	593	971	12084	48144	15586					
E30	Industrial	LOW	1	30000	89	7120	11180	127680	277					
	Industrial	HIGH	1	30000	89	7120	11180	127680	277					
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	7743586	196	818	6442	29538	16604					
	River	HIGH	2	7743586	198	818	6442	32962	18179					
	Total	LOW	3	7773586	285	7938	17622	157218	16881					
	Total	HIGH	3	7773586	287	7938	17622	160642	18456					

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB 28 g/yr	PCB 52 g/yr	PCB 101 g/yr	PCB 118 g/yr	PCB 138 g/yr
TOTALS	Industrial	LOW	68	942138	1729	11054	77779	930624	57986	52280	14079	14213	9815	9951
	Industrial	HIGH	68	942138	1732	11400	79727	930740	63155	59646	28155	28335	23805	23943
	Sewage	LOW	129	8665777	130	585	93563	288970	46255	11	40	181	203	117
	Sewage	HIGH	129	8665777	243	1805	95729	289147	53025	31342	31389	31538	31582	31560
	River	LOW	126	125928098	1534	7813	303629	2092901	262032	0	2574	26309	2805	2790
	River	HIGH	126	125928098	3466	14142	313188	2115834	288904	105525	107606	131515	106309	107786
	Total	LOW	323	135536013	3393	19452	474971	3312495	366272	52291	16693	40704	12623	12858
	Total	HIGH	323	135536013	5441	27346	488645	3335721	405084	196514	167151	191387	161696	163288

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E1	Industrial	LOW	2	4600					2835	507	336		3677	2835
	Industrial	HIGH	2	4600					2835	798	336		3968	2835
	Sewage	LOW	3	40763	0	0		50	520627	144762	30214		695603	520627
	Sewage	HIGH	3	40763	22	22		60	520627	145655	30214		696496	520627
	River	LOW	3	8052804	13	0		856	225285	5397172	47613		5670070	225285
	River	HIGH	3	8052804	5662	5682		5142	245040	5399350	66738		5711128	245040
	Total	**LOW**	**8**	**8098167**	**13**	**0**		**906**	**748748**	**5542440**	**78162**		**6369350**	**748748**
	Total	**HIGH**	**8**	**8098167**	**5684**	**5706**		**5201**	**768503**	**5545803**	**97287**		**6411593**	**768503**
E2	Industrial	LOW	2	645	0	0		1	1936	303	38		2278	1936
	Industrial	HIGH	2	645	1	1		1	1936	311	38		2285	1936
	Sewage	LOW	1	400123	25	0		9391	2818826	61890	131103		3011818	2818826
	Sewage	HIGH	1	400123	290	290		9496	2818826	88608	131103		3038537	2818826
	River	LOW	3	3833412	0	0		138	213846	1103944	74592		1392382	213846
	River	HIGH	3	3833412	3087	3087		2814	214377	1306180	76130		1596687	214377
	Total	**LOW**	**6**	**4234181**	**25**	**0**		**9529**	**3034608**	**1166137**	**205733**		**4406478**	**3034608**
	Total	**HIGH**	**6**	**4234181**	**3378**	**3378**		**12311**	**3036140**	**1398099**	**207271**		**4637509**	**3035140**
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	15541	0	0		66	131919	9023	6573		147515	131919
	Sewage	HIGH	1	15541	12	12		68	131919	9226	6576		147721	131919
	River	LOW	1	907511	0	0		734	190271	2423233	230941		2844445	190271
	River	HIGH	1	907511	551	551		960	190271	2423233	230941		2844445	190271
	Total	**LOW**	**2**	**923052**	**0**	**0**		**800**	**322190**	**2432256**	**237514**		**2991960**	**322190**
	Total	**HIGH**	**2**	**923052**	**562**	**562**		**1027**	**322190**	**2432459**	**237517**		**2992168**	**322190**
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	160781	0	63		939	1104438	151203	12832		1268472	1104438
	Sewage	HIGH	4	160781	109	160		963	1104438	164515	12889		1281842	1104438
	River	LOW												
	River	HIGH												
	Total	**LOW**	**4**	**160781**	**0**	**63**		**939**	**1104438**	**151203**	**12832**		**1268472**	**1104438**
	Total	**HIGH**	**4**	**160781**	**109**	**160**		**963**	**1104438**	**164515**	**12889**		**1281842**	**1104438**
E5	Industrial	LOW	10	269667	0	0		328	16247713	2539223	193087		18980023	16247713
	Industrial	HIGH	10	269667	192	192		412	16247802	2539297	193109		18980208	16247802
	Sewage	LOW	3	107609	171	31		773	860967	90621	9824		961411	860967
	Sewage	HIGH	3	107609	250	110		800	860977	96264	9824		967064	860977
	River	LOW	1	1490387	0	0		548	21513	2049270	29402		2100185	21513
	River	HIGH	1	1490387	1139	1139		1404	33257	2091549	29402		2154208	33257
	Total	**LOW**	**14**	**1867863**	**171**	**31**		**1549**	**17130193**	**4679113**	**232313**		**22041619**	**17130193**
	Total	**HIGH**	**14**	**1867863**	**1581**	**1441**		**2616**	**17142036**	**4727110**	**232335**		**22101480**	**17142035**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E6	Industrial	LOW	1	25112	0	0		0	85904	10051	616	12895	96571	98799
	Industrial	HIGH	1	25112	51	41		51	85904	11216	646	13358	97766	99262
	Sewage	LOW	2	27850	0	0		396	344552	3608	678	172	349038	344724
	Sewage	HIGH	2	27850	35	35		402	344552	8013	942	1525	353506	346077
	River	LOW												
	River	HIGH												
	Total	**LOW**	**3**	**52962**	**0**	**0**		**396**	**430456**	**13659**	**1494**	**13067**	**445609**	**443523**
	Total	**HIGH**	**3**	**52962**	**86**	**76**		**452**	**430456**	**19229**	**1587**	**14883**	**451272**	**445340**
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	4560	0	0		118	40826	2792	626	3430	44245	44256
	Sewage	HIGH	1	4560	8	8		118	40826	2961	635	3596	44423	44423
	River	LOW												
	River	HIGH												
	Total	**LOW**	**1**	**4560**	**0**	**0**		**118**	**40826**	**2792**	**626**	**3430**	**44245**	**44256**
	Total	**HIGH**	**1**	**4560**	**8**	**8**		**118**	**40826**	**2961**	**635**	**3596**	**44423**	**44423**
E7a	Industrial	LOW	11	117451	0	0		2	752213	35114	10224	398269	797551	1150482
	Industrial	HIGH	11	117451	35	34		44	752482	48093	10246	398726	810822	1151208
	Sewage	LOW	4	153212	0	0		3873	1428016	0	2690	5945	1430706	1433961
	Sewage	HIGH	4	153212	222	213		3873	1428016	6687	3019	19115	1437722	1447131
	River	LOW	8	17350914	0	0	0	45516	4174115	31538379	303892	46877106	36016386	51051221
	River	HIGH	8	17350914	10907	10854	127009	53011	4200378	40061753	326163	46877106	44588294	51077484
	Total	**LOW**	**23**	**17621577**	**0**	**0**	**0**	**49390**	**6354345**	**31573493**	**316806**	**47281320**	**38244644**	**53635664**
	Total	**HIGH**	**23**	**17621577**	**11184**	**11101**	**127009**	**56927**	**6380878**	**40116534**	**339428**	**47294947**	**46838838**	**53875823**
E9	Industrial	LOW	1	868				11	1449			4626	1449	6075
	Industrial	HIGH	1	868				11	1464			4626	1464	6089
	Sewage	LOW	5	133005					853680			294981	853680	1148661
	Sewage	HIGH	5	133005					853680			307521	853680	1161201
	River	LOW	5	4464537	0	0		13402	415712			21554672	415712	21970384
	River	HIGH	5	4464537	7727	7727		13402	419684			21554831	419684	21974515
	Total	**LOW**	**11**	**4598411**	**0**	**0**		**13413**	**1270840**			**21854280**	**1270840**	**23125120**
	Total	**HIGH**	**11**	**4598411**	**7727**	**7727**		**13413**	**1274827**			**21868978**	**1274827**	**23141805**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	99093	0	0		877	565472			291413	565472	856885
	Sewage	HIGH	3	99093	110	110		877	566856			298238	566856	865094
	River	LOW	7	1185438	0	0		2752	76638			4412370	76638	4489007
	River	HIGH	7	1185438	1894	1894		2795	77646			4412370	77646	4490016
	Total	**LOW**	**10**	**1284532**	**0**	**0**		**3629**	**642110**			**4703782**	**642110**	**5345892**
	Total	**HIGH**	**10**	**1284532**	**2004**	**2004**		**3673**	**644503**			**4710607**	**644503**	**5355110**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	71710					171289			329128	171289	500418
	Sewage	HIGH	4	71710					171405			329943	171405	501348
	River	LOW	4	419506	0	0		8195	20359			1640858	20359	1661217
	River	HIGH	4	419506	827	827		8195	20891			1640858	20891	1661749
	Total	**LOW**	**8**	**491216**	**0**	**0**	**0**	**8195**	**191648**			**1969986**	**191648**	**2161634**
	Total	**HIGH**	**8**	**491216**	**827**	**827**	**0**	**8195**	**192296**			**1970801**	**192296**	**2163097**
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	2603338	0	7	37	63663	4048805	12792291	328812	12650942	17169908	16699747
	Sewage	HIGH	6	2603338	4856	4896	33812	63663	4205143	12817950	334530	12675056	17357622	16880199
	River	LOW	10	4096559	0	16	71	32207	460983	13217618	192440	13421484	13871041	13882466
	River	HIGH	10	4096559	7727	7821	54298	32217	463234	13217618	192644	13421484	13873496	13884717
	Total	**LOW**	**16**	**6699896**	**0**	**23**	**108**	**95870**	**4509788**	**26009909**	**521252**	**26072425**	**31040949**	**30582213**
	Total	**HIGH**	**16**	**6699896**	**12584**	**12717**	**88110**	**95880**	**4668378**	**26035568**	**527174**	**26096539**	**31231118**	**30764916**
E13	Industrial	LOW	3	37248	0	0	0	0	26822	1921	1773		30515	26822
	Industrial	HIGH	3	37248	0	0	1	0	26822	1921	4180		32922	26822
	Sewage	LOW	11	149203	0	0	346	0	1763022	123952	5721	69404	1892695	1832426
	Sewage	HIGH	11	149203	111	111	358	96	1763022	142347	5721	69404	1911090	1832426
	River	LOW	3	1125341	0	0	727	4377	34427	1873849	33907	518588	1942183	553015
	River	HIGH	3	1125341	224	224	727	4615	39335	1873965	33913	518588	1947212	557923
	Total	**LOW**	**17**	**1311792**	**0**	**0**	**1073**	**4377**	**1824270**	**1999723**	**41400**	**587992**	**3865393**	**2412263**
	Total	**HIGH**	**17**	**1311792**	**335**	**338**	**1086**	**4711**	**1828178**	**2018233**	**43813**	**587992**	**3891225**	**2417171**
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	261024	0	0	454	660	3615611	1388	11519		3628519	3615611
	Sewage	HIGH	9	261024	157	157	454	698	3615611	24635	11931		3652177	3615611
	River	LOW	4	837429	0	0	578		11300	1477154	14780		1503233	11300
	River	HIGH	4	837429	177	177	578		12664	1477154	16266		1508083	12664
	Total	**LOW**	**13**	**1098453**	**0**	**0**	**1032**	**660**	**3626911**	**1478542**	**26299**		**5131752**	**3626911**
	Total	**HIGH**	**13**	**1098453**	**334**	**334**	**1032**	**698**	**3628275**	**1501788**	**30197**		**5160260**	**3628275**
E15	Industrial	LOW	1	537										
	Industrial	HIGH	1	537										
	Sewage	LOW	7	280291	0	0	1096	2242	2117205	184539	51016		2352760	2117205
	Sewage	HIGH	7	280291	355	355	1221	2273	2117205	224368	55623		2397196	2117205
	River	LOW	2	770042	0	0	1762		13700	1365913	16926		1396538	13700
	River	HIGH	2	770042	585	585	2022		13991	1365913	16926		1396829	13991
	Total	**LOW**	**10**	**1050871**	**0**	**0**	**2858**	**2242**	**2130904**	**1550451**	**67942**		**3749296**	**2130904**
	Total	**HIGH**	**10**	**1050871**	**940**	**940**	**3243**	**2273**	**2131195**	**1590281**	**72649**		**3794025**	**2131195**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E16	Industrial	LOW	2	1245	1	1		3	3184	2206	54	2343	5443	5527
	Industrial	HIGH	2	1245	2	1		4	3272	2206	76	2343	5554	5615
	Sewage	LOW	4	77478	0	0		1334	586963	198142	8450	208405	793555	795368
	Sewage	HIGH	4	77478	10	8		1345	588735	198142	9657	216463	796534	805198
	River	LOW	3	2554647	0	42		3467	88556	5042534	58915	5524237	5190006	5612794
	River	HIGH	3	2554647	2508	1911		3467	89507	5042534	58915	5524237	5190957	5613744
	Total	LOW	8	2633370	1	43		4804	678703	5242882	67420	5734985	5989005	6413688
	Total	HIGH	9	2633370	2520	1919		4815	681514	5242882	68648	6743043	5993044	6424556
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	138196	0	0		712	857254	327435	19252	330638	1203941	1187892
	Sewage	HIGH	6	138196	51	40		712	857986	327435	20989	348075	1206410	1206061
	River	LOW	4	5379950				264	458296	6040117	206193	6246310	6704606	6704606
	River	HIGH	4	5379950				270	459236	6040117	206193	6246310	6705546	6705546
	Total	LOW	10	5518146	0	0		976	1315549	6387552	225446	6576948	7908547	7892497
	Total	HIGH	10	5518146	51	40		982	1317221	6387552	227183	6594385	7911958	7911607
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	8	99483				390	657224	29567	1371	14161	688161	671385
	Sewage	HIGH	8	99483				391	657224	29567	3385	32951	690176	690176
	River	LOW	11	5097976	0	0		1010	97978	3761022	35009	3796598	3894010	3894576
	River	HIGH	11	5097976	144	112		1010	100924	3761022	35576	3796598	3897522	3897522
	Total	LOW	20	5198709	0	0		1401	755203	3790589	36380	3810759	4582171	4565961
	Total	HIGH	20	5198709	144	112		1401	758149	3790589	36960	3829549	4587698	4587698
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17772	0	0		66	175155	7466	1533	5594	184154	180749
	Sewage	HIGH	4	17772	8	6		66	175155	7466	1702	9024	184323	184180
	River	LOW	3	998508					33061	762796	6701	769731	802559	802792
	River	HIGH	3	998508					33952	762796	6935	769731	803682	803682
	Total	LOW	8	1019700	0	0		66	208217	770262	8234	775325	986712	983541
	Total	HIGH	8	1019700	8	6		66	209107	770262	8637	778758	988006	987862
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	22311				97	28851	3943	589	3698	33383	32548
	Sewage	HIGH	2	22311				97	28851	3943	636	4251	33430	33102
	River	LOW	2	2803125				1511	79354	3163904	35822	3199920	3279080	3279274
	River	HIGH	2	2803125				1573	80865	3163904	35822	3199920	3280591	3280785
	Total	LOW	4	2825437				1608	108205	3187847	36410	3203617	3312462	3311822
	Total	HIGH	4	2825437				1670	109718	3187847	36458	3204171	3314021	3313887

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E21	Industrial	LOW	2	16460	0	0		42	27896	117051	1504	119910	146450	147805
	Industrial	HIGH	2	16460	7	5		57	27896	117051	1929	120615	146875	148510
	Sewage	LOW	3	61222				1008	483379	42041	11000	37862	536421	521242
	Sewage	HIGH	3	61222				1009	483379	42041	11780	46518	537201	529898
	River	LOW	2	729317	60	17		1877	108949	1541361	26634	1884219	1676944	1993169
	River	HIGH	2	729317	699	544		1877	109033	1541361	26634	1884219	1677028	1993253
	Total	**LOW**	**7**	**806999**	**60**	**17**		**2927**	**620224**	**1700453**	**39138**	**2041991**	**2359815**	**2662215**
	Total	**HIGH**	**7**	**806999**	**706**	**549**		**2943**	**620308**	**1700453**	**40343**	**2051353**	**2361104**	**2671661**
E22	Industrial	LOW	4	24132				262	614163	248250	29041	416677	891454	1030840
	Industrial	HIGH	4	24132				271	614191	248250	29095	416756	891536	1030947
	Sewage	LOW	2	192603	0	0		2325	1511543	71641	1548	22431	1584732	1533974
	Sewage	HIGH	2	192603	1	1		2485	1511543	74585	6773	75691	1592901	1587234
	River	LOW	2	10003395	0	0	0	7549	481688	21848490	35074	22739339	22365253	23221027
	River	HIGH	2	10003395	9449	9213	162702	25335	486409	21848490	35074	22739339	22369974	23225748
	Total	**LOW**	**8**	**10220131**	**0**	**0**	**0**	**10135**	**2607394**	**22158381**	**65663**	**23178448**	**24841439**	**25785842**
	Total	**HIGH**	**8**	**10220131**	**9450**	**9214**	**162702**	**28092**	**2612143**	**22171325**	**70943**	**23231786**	**24884410**	**25843929**
E23	Industrial	LOW	6	126280	8932	41	109269	0	301976	61818	23086	85371	386880	387347
	Industrial	HIGH	6	126280	21740	14129	152869	7638	303547	61818	23197	85586	388561	389132
	Sewage	LOW	7	2822425	0	0	0	166	7950865	527891	79959	172953	8558714	8123818
	Sewage	HIGH	7	2822425	21084	21084	147586	21311	7951984	527891	80967	606212	8560842	8558196
	River	LOW	7	12502909	0	0	0	0	365040	8883708	97279	8981308	9346027	9346348
	River	HIGH	7	12502909	25885	25885	181194	22100	373689	8883708	97279	8981308	9354676	9354997
	Total	**LOW**	**20**	**15451614**	**8932**	**41**	**109269**	**166**	**8617880**	**9473417**	**200324**	**9239632**	**18291621**	**17857512**
	Total	**HIGH**	**20**	**15451614**	**68709**	**61098**	**481849**	**51049**	**8629220**	**9473417**	**201443**	**9673106**	**18304080**	**18302326**
E24	Industrial	LOW	6	69739	0	0	0	1	301721	27704	5014	30875	334438	332595
	Industrial	HIGH	6	69739	500	500	3501	529	305282	27704	5095	32798	338081	338080
	Sewage	LOW	6	170788	0	0	0	482	1229472	56016	14363	58929	1299851	1288401
	Sewage	HIGH	6	170788	1099	1099	7691	1504	1230136	56016	14594	70984	1300745	1301119
	River	LOW	9	3181876	0	0	0	0	853996	1817992	19951	1828223	2691939	2682219
	River	HIGH	9	3181876	6314	6314	44200	7032	856035	1817992	20037	1833588	2694064	2689623
	Total	**LOW**	**21**	**3422403**	**0**	**0**	**0**	**484**	**2385189**	**1901711**	**39328**	**1918026**	**4326227**	**4303215**
	Total	**HIGH**	**21**	**3422403**	**7913**	**7913**	**55292**	**9065**	**2391458**	**1901711**	**39725**	**1937370**	**4332890**	**4328823**
E25	Industrial	LOW	3	22524	0	0	0	0	46243	11161	1927	10986	59331	57229
	Industrial	HIGH	3	22524	257	257	1706	257	46317	11161	2154	13314	59633	59631
	Sewage	LOW	9	272827	0	0	0	68	758914	138986	11329	128292	909228	887206
	Sewage	HIGH	9	272827	2386	2386	16702	2470	773085	138986	13111	151734	925181	924818
	River	LOW	6	4934808	0	0	0	0	75376	3894764	21753	3893060	3991893	3968436
	River	HIGH	6	4934808	7865	7865	55054	8816	82302	3894764	21886	3893060	3998951	3975362
	Total	**LOW**	**18**	**5230158**	**0**	**0**	**0**	**68**	**880532**	**4044911**	**35009**	**4032339**	**4960452**	**4912871**
	Total	**HIGH**	**18**	**5230158**	**10507**	**10507**	**73481**	**11543**	**901704**	**4044911**	**37150**	**4058108**	**4983785**	**4959812**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	25403	0	0	0	0	149319	39468	4040	42621	192827	191940
	Sewage	HIGH	3	25403	179	179	1296	181	149319	39468	4051	43491	192837	192809
	River	LOW	6	5925955	0	0	0	0	32205	3454799	14584	3456365	3501588	3488570
	River	HIGH	6	5925955	7185	7185	50296	8936	44026	3454799	15338	3456365	3514164	3500392
	Total	LOW	9	5951358	0	0	0	0	181523	3494267	18624	3498986	3694415	3680510
	Total	HIGH	9	5951358	7364	7364	51593	9117	193345	3494267	19389	3499856	3707001	3693201
E27	Industrial	LOW	7	27576	0	0	0	0	10010	9765	1399	9760	21174	19771
	Industrial	HIGH	7	27576	141	141	989	144	10853	9765	1460	11233	22078	22086
	Sewage	LOW	7	72465	0	0	0	183	708409	20415	3913	13725	732737	722134
	Sewage	HIGH	7	72465	199	199	1392	903	708409	20415	4501	24364	733325	732773
	River	LOW	7	5036910	0	0	0	0	119422	2601734	38743	3344565	2759899	3463987
	River	HIGH	7	5036910	4874	4874	34117	5084	122560	2601734	42869	3344565	2767163	3467125
	Total	LOW	21	5136952	0	0	0	183	837841	2631914	44055	3368051	3513810	4205892
	Total	HIGH	21	5136952	5214	5214	36498	6130	841822	2631914	48830	3380162	3522566	4221985
E28	Industrial	LOW	3	156400				4574	484855	6855	11109		502818	484855
	Industrial	HIGH	3	156400				4741	484855	15957	13802		514614	484855
	Sewage	LOW	3	101500				5579	841301	34589	11196		887087	841301
	Sewage	HIGH	3	101500				5579	841356	41188	13427		895971	841356
	River	LOW	4	5636032				56991	4685902	11157905	660104		16503912	4685902
	River	HIGH	4	5636032				57012	4693993	11157905	660104		16512002	4693993
	Total	LOW	10	5893932				67143	6012059	11199349	682409		17893817	6012059
	Total	HIGH	10	5893932				67332	6020204	11215050	687334		17922587	6020204
E29	Industrial	LOW	1	6982										
	Industrial	HIGH	1	6982										
	Sewage	LOW	1	83200				6747	574729	6782	3781		585293	574729
	Sewage	HIGH	1	83200				6754	574729	9164	3841		587734	574729
	River	LOW	7	8865221				22445	479090	6609997	88904		7177990	479090
	River	HIGH	7	8865221				28420	487222	6612989	102889		7203100	487222
	Total	LOW	9	8955404				29192	1053819	6616779	92685		7763283	1053819
	Total	HIGH	9	8955404				35175	1061952	6622153	106730		7790834	1061952
E30	Industrial	LOW	1	30000					64450	53217	208		117876	64450
	Industrial	HIGH	1	30000					64450	53217	208		117876	64450
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	7743586				4706	189024	4656056	38338		4883418	189024
	River	HIGH	2	7743586				14011	194751	4656056	45066		4895872	194751
	Total	LOW	3	7773586				4706	253475	4709273	38547		5001294	253475
	Total	HIGH	3	7773586				14011	259202	4709273	45274		5013748	259202

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	PCB 153 g/yr	PCB 180 g/yr	PCB Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	NH3+NO3 +NO2 Kg/yr	NH3+TON Kg/yr
TOTALS	Industrial	LOW	68	942138	8933	42	109269	5224	18973370	3125143	279415	1091711	22377929	20065081
	Industrial	HIGH	68	942138	22925	15301	159065	14160	18979908	3148763	285571	1099354	22414242	20079263
	Sewage	LOW	129	8665777	195	101	1933	102206	36898633	15070449	764132	14684724	52733215	51583357
	Sewage	HIGH	129	8665777	31553	31481	210513	128194	37074994	15247534	792418	15334156	53114946	52409150
	River	LOW	126	125928098	73	76	3138	208544	14006085	145683712	2328497	154088954	162018294	168095039
	River	HIGH	126	125928098	105429	104470	712198	309497	14145271	154456886	2401739	154094477	171003896	168239748
	Total	LOW	323	135536613	9201	218	114340	315974	69878089	163879304	3372045	169865389	237129437	239743477
	Total	HIGH	323	135536013	159907	151252	1081777	451650	70200173	172853184	3479728	170527988	246533085	240728161

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E1	Industrial	LOW	2	4600	3677	98	55973942
	Industrial	HIGH	2	4600	3968	112	55973942
	Sewage	LOW	3	40763	695603	107775	3503260
	Sewage	HIGH	3	40763	696496	107775	3503260
	River	LOW	3	8052804	5670070	69056	21083693
	River	HIGH	3	8052804	5711128	118555	21345652
	Total	LOW	8	8098167	6369350	176929	80560895
	Total	HIGH	8	8098167	6411692	226442	80822854
E2	Industrial	LOW	2	645	2278	9	10801
	Industrial	HIGH	2	645	2285	14	10801
	Sewage	LOW	1	400123	3011818	531326	11075506
	Sewage	HIGH	1	400123	3038537	531326	11075506
	River	LOW	3	3833412	1392382	96449	36148213
	River	HIGH	3	3833412	1596687	110358	36170604
	Total	LOW	6	4234181	4406478	627784	47234519
	Total	HIGH	6	4234181	4637509	641698	47256910
E3	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	1	15541	147515	28812	76119
	Sewage	HIGH	1	15541	147721	28812	76119
	River	LOW	1	907511	2844445	158372	53256630
	River	HIGH	1	907511	2844445	158372	53256630
	Total	LOW	2	923052	2991960	187184	53332749
	Total	HIGH	2	923052	2992166	187184	53332749
E4	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	4	160781	1268472	349059	27049126
	Sewage	HIGH	4	160781	1281842	349063	27049126
	River	LOW					
	River	HIGH					
	Total	LOW	4	160781	1268472	349059	27049126
	Total	HIGH	4	160781	1281842	349063	27049126
E5	Industrial	LOW	10	269667	18980023	244090	20511024
	Industrial	HIGH	10	269667	18980208	244672	20511056
	Sewage	LOW	3	107609	961411	196249	4348603
	Sewage	HIGH	3	107609	967064	196249	4348603
	River	LOW	1	1490387	2100185	129490	7646413
	River	HIGH	1	1490387	2154208	129490	7667057
	Total	LOW	14	1867663	22041619	569830	32506040
	Total	HIGH	14	1867663	22101480	570412	32526716

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E6	Industrial	LOW	1	25112	98799	1664	235776751
	Industrial	HIGH	1	25112	99262	1891	235776751
	Sewage	LOW	2	27850	349038	73450	2833853
	Sewage	HIGH	2	27850	353506	73450	2833853
	River	LOW					
	River	HIGH					
	Total	LOW	3	52962	447837	75114	238610604
	Total	HIGH	3	52962	452769	75341	238610604
E7	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	1	4560	44256	8057	376386
	Sewage	HIGH	1	4560	44423	8057	376386
	River	LOW					
	River	HIGH					
	Total	LOW	1	4560	44256	8057	376386
	Total	HIGH	1	4560	44423	8057	376386
E7a	Industrial	LOW	11	117451	1150482	24352	54273186
	Industrial	HIGH	11	117451	1151208	27486	54273187
	Sewage	LOW	4	153212	1433961	384378	60579045
	Sewage	HIGH	4	153212	1447131	384378	60579045
	River	LOW	8	17350914	51051221	4285379	255434988
	River	HIGH	8	17350914	51077484	4314758	255446609
	Total	LOW	23	17821577	53635864	4694109	370287218
	Total	HIGH	23	17821577	53675823	4726621	370298841
E9	Industrial	LOW	1	868	6075	2667	6451
	Industrial	HIGH	1	868	6089	2667	6658
	Sewage	LOW	5	133005	1148661	243076	1741310
	Sewage	HIGH	5	133005	1161201	243076	1742543
	River	LOW	5	4464537	21970384	690870	70382058
	River	HIGH	5	4464537	21974515	690969	70551981
	Total	LOW	11	4598411	23125120	936613	72129518
	Total	HIGH	11	4598411	23141805	936711	72201182
E10	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	3	99093	856885	200267	5539485
	Sewage	HIGH	3	99093	865094	200267	5577999
	River	LOW	7	1185438	4489007	203048	11141309
	River	HIGH	7	1185438	4490016	203545	11465919
	Total	LOW	10	1284532	5345892	403315	16680793
	Total	HIGH	10	1284532	5355110	403811	17043919

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E11	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	4	71710	500418	143544	424317
	Sewage	HIGH	4	71710	501348	143544	438871
	River	LOW	4	419506	1661217	105419	7047546
	River	HIGH	4	419506	1661749	105419	7244576
	Total	LOW	8	491216	2161634	248964	7471863
	Total	HIGH	8	491216	2163097	248964	7683447
E12	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	6	2603338	17169908	4621713	12905826
	Sewage	HIGH	6	2603338	17357622	4621713	12936935
	River	LOW	10	4096559	13882466	2025919	32573177
	River	HIGH	10	4096559	13884717	2025919	32580618
	Total	LOW	16	6699896	31052374	6647632	45479003
	Total	HIGH	16	6699896	31242339	6647632	45517553
E13	Industrial	LOW	3	37248	30515	13524	
	Industrial	HIGH	3	37248	32922	13547	
	Sewage	LOW	11	149203	1892695	344035	
	Sewage	HIGH	11	149203	1911090	344035	
	River	LOW	3	1125341	1942183	295212	
	River	HIGH	3	1125341	1947212	295212	
	Total	LOW	17	1311792	3865393	652772	
	Total	HIGH	17	1311792	3891225	652796	
E14	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	9	261024	3628519	587456	
	Sewage	HIGH	9	261024	3652177	587456	
	River	LOW	4	837429	1503233	143026	
	River	HIGH	4	837429	1508083	143026	
	Total	LOW	13	1098453	5131752	730482	
	Total	HIGH	13	1098453	5160260	730482	
E15	Industrial	LOW	1	537			
	Industrial	HIGH	1	537			
	Sewage	LOW	7	280291	2352760	430216	
	Sewage	HIGH	7	280291	2397196	430216	
	River	LOW	2	770042	1396538	40540	
	River	HIGH	2	770042	1396829	40540	
	Total	LOW	10	1050871	3749298	470756	
	Total	HIGH	10	1050871	3794025	470756	

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E16	Industrial	LOW	2	1245	5527	332	8233
	Industrial	HIGH	2	1245	5615	447	8233
	Sewage	LOW	4	77478	795368	138942	2213674
	Sewage	HIGH	4	77478	805198	138942	2217612
	River	LOW	3	2554647	5612794	325107	10765790
	River	HIGH	3	2554647	5613744	325107	10765790
	Total	LOW	9	2633370	6413688	464381	12987697
	Total	HIGH	9	2633370	6424658	464495	12991635
E17	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	6	138196	1203941	224156	4961314
	Sewage	HIGH	6	138196	1206410	224835	4961314
	River	LOW	4	5379950	6704606	524595	379531757
	River	HIGH	4	5379950	6705546	528935	379611385
	Total	LOW	10	5518146	7908547	748751	384493071
	Total	HIGH	10	5518146	7911956	753770	384572699
E18	Industrial	LOW	1	1250			
	Industrial	HIGH	1	1250			
	Sewage	LOW	8	99483	688161	123153	2005206
	Sewage	HIGH	8	99483	690176	123153	2005206
	River	LOW	11	5097976	3894576	65362	57374935
	River	HIGH	11	5097976	3897522	71034	57513010
	Total	LOW	20	5198709	4582738	188515	59380140
	Total	HIGH	20	5198709	4587698	194187	59518216
E19	Industrial	LOW	1	3420			
	Industrial	HIGH	1	3420			
	Sewage	LOW	4	17772	184154	37748	1595194
	Sewage	HIGH	4	17772	184323	37748	1595194
	River	LOW	3	998508	802792	26549	13287998
	River	HIGH	3	998508	803682	26549	13287998
	Total	LOW	8	1019700	986946	64298	14883192
	Total	HIGH	8	1019700	988008	64298	14883192
E20	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	2	22311	33383	5724	278021
	Sewage	HIGH	2	22311	33430	5724	278021
	River	LOW	2	2803125	3279274	66175	32058278
	River	HIGH	2	2803125	3280785	68908	32058278
	Total	LOW	4	2825437	3312657	71899	32336299
	Total	HIGH	4	2825437	3314216	74632	32336299

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E21	Industrial	LOW	2	16460	147805	2392	579256
	Industrial	HIGH	2	16460	148510	3961	579256
	Sewage	LOW	3	61222	536421	95087	2917489
	Sewage	HIGH	3	61222	537201	95087	2917489
	River	LOW	2	729317	1993169	139700	9314688
	River	HIGH	2	729317	1993253	139700	9314688
	Total	LOW	7	806999	2677395	237179	12811432
	Total	HIGH	7	806999	2678964	238748	12811432
E22	Industrial	LOW	4	24132	1030840	3955	1265587
	Industrial	HIGH	4	24132	1030947	6402	1265718
	Sewage	LOW	2	192603	1584732	304521	8301481
	Sewage	HIGH	2	192603	1592901	304521	8301481
	River	LOW	2	10003395	23221027	1664011	155844877
	River	HIGH	2	10003395	23225748	1664011	155844877
	Total	LOW	8	10220131	25836600	1972488	165411944
	Total	HIGH	8	10220131	25842696	1974835	165412076
E23	Industrial	LOW	6	126280	387347	33192	13430914
	Industrial	HIGH	6	126280	389132	48566	13430914
	Sewage	LOW	7	2822425	8558714	1286433	172909941
	Sewage	HIGH	7	2822425	8560842	1288308	172909941
	River	LOW	7	12502909	9346348	345704	226254341
	River	HIGH	7	12502909	9354997	349296	226956736
	Total	LOW	20	15451614	18292409	1665329	412595196
	Total	HIGH	20	15451614	18304972	1688169	413297591
E24	Industrial	LOW	6	69739	334438	301	8977486
	Industrial	HIGH	6	69739	338081	8900	8978622
	Sewage	LOW	6	170788	1299851	385431	114064100
	Sewage	HIGH	6	170788	1301119	386269	114064100
	River	LOW	9	3181876	2691939	171539	17054612
	River	HIGH	9	3181876	2694064	173694	17974644
	Total	LOW	21	3422403	4326227	557270	140096198
	Total	HIGH	21	3422403	4333264	588883	141017287
E25	Industrial	LOW	3	22524	59331	7571	337292
	Industrial	HIGH	3	22524	59633	7935	337292
	Sewage	LOW	9	272827	909228	152813	6297731
	Sewage	HIGH	9	272827	925181	169679	6297731
	River	LOW	6	4934808	3991893	52637	13570354
	River	HIGH	6	4934808	3998951	71013	14133454
	Total	LOW	18	5230158	4960452	213022	20205377
	Total	HIGH	18	5230168	4983765	248627	20768477

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E26	Industrial	LOW					
	Industrial	HIGH					
	Sewage	LOW	3	25403	192827	47389	1067508
	Sewage	HIGH	3	25403	192837	47389	1067508
	River	LOW	6	5925955	3501588	43389	11827876
	River	HIGH	6	5925955	3514164	68512	13754983
	Total	**LOW**	**9**	**5951358**	**3694415**	**90778**	**12895384**
	Total	**HIGH**	**9**	**5951358**	**3707001**	**115901**	**14822491**
E27	Industrial	LOW	7	27576	21174	11174	1704392
	Industrial	HIGH	7	27576	22086	12265	1704419
	Sewage	LOW	7	72465	732737	110982	2659662
	Sewage	HIGH	7	72465	733325	112849	2659662
	River	LOW	7	5036910	3463987	205071	20997246
	River	HIGH	7	5036910	3467125	212393	21181724
	Total	**LOW**	**21**	**5136952**	**4217899**	**327227**	**25361201**
	Total	**HIGH**	**21**	**5136952**	**4222638**	**337507**	**25545806**
E28	Industrial	LOW	3	156400	502818	115787	3887064
	Industrial	HIGH	3	156400	514614	116262	3887064
	Sewage	LOW	3	101500	887087	175057	4161342
	Sewage	HIGH	3	101500	895971	175451	4161342
	River	LOW	4	5636032	16503912	1530480	55492462
	River	HIGH	4	5636032	16512002	1534266	55556913
	Total	**LOW**	**10**	**5893932**	**17893817**	**1821324**	**63540867**
	Total	**HIGH**	**10**	**5893932**	**17922587**	**1825979**	**63605319**
E29	Industrial	LOW	1	6982			
	Industrial	HIGH	1	6982			
	Sewage	LOW	1	83200	585293	122842	1987020
	Sewage	HIGH	1	83200	587734	122842	1987020
	River	LOW	7	8865221	7177990	475641	60301221
	River	HIGH	7	8865221	7203100	488544	60535505
	Total	**LOW**	**9**	**8955404**	**7763283**	**598482**	**62288241**
	Total	**HIGH**	**9**	**8955404**	**7790834**	**611388**	**62522525**
E30	Industrial	LOW	1	30000	117876	2579492	
	Industrial	HIGH	1	30000	117876	2579492	
	Sewage	LOW					
	Sewage	HIGH					
	River	LOW	2	7743586	4883418	97730	57100083
	River	HIGH	2	7743586	4895872	104717	57186468
	Total	**LOW**	**3**	**7773586**	**5001294**	**2677221**	**57100083**
	Total	**HIGH**	**3**	**7773586**	**5013748**	**2684209**	**57186468**

PARCOM High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
TOTALS	Industrial	LOW	68	942138	22879006	3040600	396742377
	Industrial	HIGH	68	942138	22902437	3074618	396743912
	Sewage	LOW	129	8665777	53653816	11459691	455872517
	Sewage	HIGH	129	8665777	54069096	11482234	455961866
	River	LOW	126	125928098	206972644	13976471	1615490545
	River	HIGH	126	125928098	207407630	14162842	1621406100
	Total	LOW	323	135536013	283505466	28476762	2468105438
	Total	HIGH	323	135536013	284379162	28719694	2474111678

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_ 118 g/yr	PCB_ 138 g/yr
E1	Industrial	LOW	2	6042	0	4	338	1641	952					
	Industrial	HIGH	2	6042	0	4	338	1641	952					
	Sewage	LOW	4	41469	2	8	2101	2490	212	0	14	0	0	0
	Sewage	HIGH	4	41469	2	12	2101	2490	239	28	40	28	28	28
	River	LOW	3	7195631	170	24	7806	11879	2040	0	0	0	0	0
	River	HIGH	3	7195631	175	67	7806	11932	2040	6161	6161	6161	6161	6161
	Total	LOW	9	7243142	172	37	10246	16010	3204	0	14	0	0	0
	Total	HIGH	9	7243142	177	83	10246	16064	3231	6189	6200	6189	6189	6189
E2	Industrial	LOW	2	273	0	1	2	14	1278					
	Industrial	HIGH	2	273	0	1	2	14	1278					
	Sewage	LOW	1	237139	6	16	13663	8549	1606	0	0	0	0	0
	Sewage	HIGH	1	237139	6	65	13663	8549	2226	184	184	184	184	184
	River	LOW	3	4840302	212	341	4138	132021	14967	0	0	0	0	0
	River	HIGH	3	4840302	213	341	4150	132021	15017	2962	2962	2962	2962	2962
	Total	LOW	6	5077714	218	357	17804	140584	17850	0	0	0	0	0
	Total	HIGH	6	5077714	219	406	17816	140584	18521	3146	3146	3146	3146	3146
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	19827	2	2	69	357	67	0	0	0	0	0
	Sewage	HIGH	1	19827	2	15	71	357	168	14	14	14	14	14
	River	LOW	1	1236879	31	73	2910	23796	10393	0	0	0	0	0
	River	HIGH	1	1236879	32	73	2910	23796	10393	734	734	734	734	734
	Total	LOW	2	1256706	33	75	2979	24152	10460	0	0	0	0	0
	Total	HIGH	2	1256706	34	88	2982	24152	10581	748	748	748	748	748
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	150107	5	107	4939	8014	1995	0	0	0	0	0
	Sewage	HIGH	4	150107	5	110	4939	8014	2002	95	95	95	95	95
	River	LOW												
	River	HIGH												
	Total	LOW	4	150107	5	107	4939	8014	1995	0	0	0	0	0
	Total	HIGH	4	150107	5	110	4939	8014	2002	95	95	95	95	95
E5	Industrial	LOW	10	272641	39	126	22394	37018	7456	189	0	0	0	0
	Industrial	HIGH	10	272641	39	295	22395	37018	7628	361	184	184	184	184
	Sewage	LOW	3	112246	5	19	2276	3701	517	5	27	5	0	0
	Sewage	HIGH	3	112246	5	28	2276	3701	583	82	100	82	78	78
	River	LOW	1	2759340	88	158	4073	36029	56082	0	0	0	0	0
	River	HIGH	1	2759340	88	158	4073	36029	56082	2092	2092	2092	2092	2092
	Total	LOW	14	3144227	131	303	28743	76748	64055	194	27	5	0	0
	Total	HIGH	14	3144227	131	481	28744	76748	64293	2535	2375	2357	2354	2354

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_ 118 g/yr	PCB_ 138 g/yr
E6	Industrial	LOW	1	24788	54	10	8512	2771	1024	0	0	0	0	0
	Industrial	HIGH	1	24788	54	18	8512	2771	1024	45	45	46	45	45
	Sewage	LOW	2	66219	4	39	2319	3826	1575	0	0	0	0	0
	Sewage	HIGH	2	66219	7	39	2319	3840	1583	124	141	127	124	130
	River	LOW												
	River	HIGH												
	Total	LOW	3	91007	58	49	10831	6597	2599	0	0	0	0	0
	Total	HIGH	3	91007	61	57	10831	6611	2608	169	187	172	169	175
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	14593	0	2	1274	837	219	0	0	0	0	0
	Sewage	HIGH	1	14593	2	2	1274	837	219	31	31	31	31	31
	River	LOW												
	River	HIGH												
	Total	LOW	1	14593	0	2	1274	837	219	0	0	0	0	0
	Total	HIGH	1	14593	2	2	1274	837	219	31	31	31	31	31
E7a	Industrial	LOW	13	107661	13	155	10828	497699	5348	3	64	0	0	0
	Industrial	HIGH	13	107661	16	168	10845	497699	5657	171	248	176	174	173
	Sewage	LOW	4	121906	1	24	2051	33244	1325	0	0	0	0	0
	Sewage	HIGH	4	121906	12	26	2051	33244	1325	257	265	395	256	256
	River	LOW	8	21315072	55	2208	70920	410967	171336	0	0	0	0	0
	River	HIGH	8	21315072	777	2323	70932	432598	171482	21580	19383	20791	20195	19996
	Total	LOW	25	21544640	70	2388	83800	941910	176009	3	64	0	0	0
	Total	HIGH	25	21544640	806	2517	83829	963542	178464	22007	19896	21361	20625	20428
E9	Industrial	LOW	1	872	1	0	1	21	0	0	0	0	0	0
	Industrial	HIGH	1	872	1	0	4	23	3	3	3	3	3	3
	Sewage	LOW	5	112051	3	2	426	1767	177	0	0	0	0	0
	Sewage	HIGH	5	112051	5	6	426	1767	191	243	244	244	244	244
	River	LOW	5	2887410	0	99	5857	18119	2685	0	0	0	0	0
	River	HIGH	5	2887410	43	155	5857	18167	3069	4905	4905	4905	4905	4905
	Total	LOW	11	3000332	4	101	8285	19907	2882	0	0	0	0	0
	Total	HIGH	11	3000332	49	162	6288	19958	9263	5151	5152	5152	5152	5152
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	109825	3	13	2238	4836	909	0	0	0	0	0
	Sewage	HIGH	3	109825	5	14	2238	4836	909	192	192	192	192	192
	River	LOW	7	3034790	23	38	4111	12213	1758	0	0	0	0	0
	River	HIGH	7	3034790	75	144	4116	12369	2195	5260	5260	5260	5260	5260
	Total	LOW	10	3144615	26	51	6348	17050	2667	0	0	0	0	0
	Total	HIGH	10	3144615	80	158	6354	17205	3104	5452	5452	5452	5452	5452

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_ 118 g/yr	PCB_ 138 g/yr
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	74455	0	2	336	791	116	0	0	0	0	0
	Sewage	HIGH	4	74455	1	4	336	791	123	143	143	143	169	143
	River	LOW	4	611431	4	6	808	2152	366	0	0	0	0	0
	River	HIGH	4	611431	12	23	808	2156	441	1036	1036	1036	1036	1036
	Total	LOW	8	685887	5	8	1144	2943	482	0	0	0	0	0
	Total	HIGH	8	685887	13	27	1144	2947	565	1179	1179	1179	1205	1179
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	2591564	6	0	7483	109604	7031	0	24	0	0	0
	Sewage	HIGH	6	2591564	94	466	8832	109634	8064	4461	4495	4818	4800	4980
	River	LOW	10	6464436	4	117	16026	55172	12484	0	0	0	0	0
	River	HIGH	10	6464436	232	1231	17806	55293	19580	9354	10050	9877	9819	9362
	Total	LOW	16	9056000	10	117	23509	164775	19514	0	24	0	0	0
	Total	HIGH	16	9056000	326	1697	26638	164927	27644	13815	14545	14694	14618	14342
E13	Industrial	LOW	5	40389			92							
	Industrial	HIGH	5	40389			103							
	Sewage	LOW	10	235201		10	6756	8859						
	Sewage	HIGH	10	235201		10	6770	8859						
	River	LOW	3	1171908				5189	255					
	River	HIGH	3	1171908				5189	375					
	Total	LOW	18	1447498		10	6848	14047	255					
	Total	HIGH	18	1447498		10	6874	14047	375					
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	269249		19	5527	6116	2547					
	Sewage	HIGH	9	269249		23	5527	6116	2623					
	River	LOW	4	1504113		0	885	2062	339					
	River	HIGH	4	1504113		12	885	2154	572					
	Total	LOW	13	1773362		19	6412	8178	2886					
	Total	HIGH	13	1773362		35	6412	8270	3195					
E15	Industrial	LOW	1	584		0	52							
	Industrial	HIGH	1	584		0	52							
	Sewage	LOW	7	297809		25	3846	3184	1713					
	Sewage	HIGH	7	297809		26	3850	3184	1715					
	River	LOW	2	1184971			855	2104	0					
	River	HIGH	2	1184971			855	2160	0					
	Total	LOW	10	1483364		25	4753	5288	1713					
	Total	HIGH	10	1483364		27	4767	5344	1715					

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_ 118 g/yr	PCB_ 138 g/yr
E16	Industrial	LOW	2	1201	0	0	12	28	16	0	4	4	3	4
	Industrial	HIGH	2	1201	0	4	57	40	129	1	4	5	3	4
	Sewage	LOW	4	85984	0	12	3032	2111	411	0	0	0	0	0
	Sewage	HIGH	4	85984	0	16	3032	2111	416	10	16	11	8	10
	River	LOW	3	3252696	57	86	3830	14539	2232	0	0	0	0	0
	River	HIGH	3	3252696	73	96	3830	14539	2232	2769	4456	3294	2271	3127
	Total	LOW	9	3339881	57	98	6873	16679	2659	0	4	4	3	4
	Total	HIGH	9	3339881	74	116	6918	16891	2778	2779	4477	3310	2282	3141
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	182288	2	4	5376	1387	796	0	0	8	7	10
	Sewage	HIGH	7	182288	2	5	5376	1387	796	16	27	23	18	24
	River	LOW	4	4245958	0	249	8437	45449	12747					
	River	HIGH	4	4245958	0	257	8437	45449	12747					
	Total	LOW	11	4428247	2	253	13813	46836	13542	0	0	8	7	10
	Total	HIGH	11	4428247	2	262	13813	46836	13542	16	27	23	18	24
E18	Industrial	LOW	1	9457										
	Industrial	HIGH	1	9457										
	Sewage	LOW	6	73289		0	41	241	23					
	Sewage	HIGH	6	73289		1	41	241	23					
	River	LOW	12	5756059	8	394	35978	197089	5372	0	0	0	0	0
	River	HIGH	12	5756059	33	436	35978	197089	5612	117	224	138	96	125
	Total	LOW	19	5838805	8	394	36019	197330	5395	0	0	0	0	0
	Total	HIGH	19	5838805	33	436	36019	197320	5635	117	224	138	96	125
E19	Industrial	LOW	1	3420		0	5961	425	0					
	Industrial	HIGH	1	3420		2	5961	425	12					
	Sewage	LOW	4	20381	0	7	296	5542	156					
	Sewage	HIGH	4	20381	0	7	296	5542	156					
	River	LOW	3	921672	0	71	3715	30565	490					
	River	HIGH	3	921672	1	71	3715	30565	491					
	Total	LOW	8	945473	0	78	9971	36532	846					
	Total	HIGH	8	945473	1	81	9971	36532	660					
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	14367										
	Sewage	HIGH	2	14367										
	River	LOW	3	3262836	0	157	6206	26232	5664					
	River	HIGH	3	3262836	20	160	6206	26232	5664					
	Total	LOW	5	3277203	0	157	6206	26232	5664					
	Total	HIGH	5	3277203	20	160	6206	26232	5664					

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_118 g/yr	PCB_138 g/yr
E21	Industrial	LOW	2	18968	0	89	267	766	0	2	0	1	0	0
	Industrial	HIGH	2	18968	0	156	1482	999	3454	9	11	9	6	8
	Sewage	LOW	3	53945	3	152	1896	3717	571					
	Sewage	HIGH	3	53945	3	228	2757	3920	2585					
	River	LOW	2	863242	0	29	1172	3667	1434	0	0	0	0	0
	River	HIGH	2	863242	7	29	1172	3667	1434	644	1313	746	539	680
	Total	LOW	7	936155	3	270	3336	8149	2005	2	0	1	0	0
	Total	HIGH	7	936155	9	412	5410	8586	7472	653	1324	754	545	688
E22	Industrial	LOW	5	27584	21	1892	176	24916	1857					
	Industrial	HIGH	5	27584	21	1950	1567	24928	4863					
	Sewage	LOW	3	265290	3	41	3838	14356	1455	0	0	0	0	90
	Sewage	HIGH	3	265290	7	42	3838	14356	1455	487	487	488	487	566
	River	LOW	2	10914383	1	544	20690	77105	19711	78	0	0	0	0
	River	HIGH	2	10914383	361	583	20690	77105	19711	18909	19630	19012	18760	18927
	Total	LOW	10	11207256	25	2476	24704	116378	23024	78	0	0	0	90
	Total	HIGH	10	11207256	389	2575	26095	116389	26029	19396	20118	19500	19248	19493
E23	Industrial	LOW	2	21005	0	11	363	2075	354	0	0	0	0	0
	Industrial	HIGH	2	21005	0	11	363	2075	354	138	138	138	138	138
	Sewage	LOW	10	374435	7	135	4968	24075	2405	10301	3575	4039	1796	2765
	Sewage	HIGH	10	374435	8	154	4972	24172	2418	14030	7304	7768	6014	6495
	River	LOW	7	9740796	28	1	19816	73233	16110	0	0	0	0	0
	River	HIGH	7	9740796	53	1111	22237	73283	20045	19714	19714	19714	19714	19714
	Total	LOW	19	10136236	35	146	25147	99382	18869	10301	3575	4039	1796	2765
	Total	HIGH	19	10136236	61	1277	27572	99531	22816	33882	27156	27620	25866	26347
E24	Industrial	LOW	4	62663	3	50	849	55081	2338	0	0	0	0	0
	Industrial	HIGH	4	62663	3	51	849	55081	2350	403	403	403	403	403
	Sewage	LOW	8	188939	2	12	2023	10238	769	0	0	0	0	0
	Sewage	HIGH	8	188939	3	25	2023	10238	795	1268	1268	1268	1268	1268
	River	LOW	9	3331755	5	203	4877	57463	1641	14	26	0	6	0
	River	HIGH	9	3331755	12	480	5625	57477	3613	7822	7835	7822	7822	7822
	Total	LOW	21	3583356	10	264	7749	122782	4748	14	26	0	6	0
	Total	HIGH	21	3583356	17	556	8497	122797	6758	9493	9506	9493	9493	9493
E25	Industrial	LOW	3	15770	1	3	101	1457	58	0	0	0	0	0
	Industrial	HIGH	3	15770	1	3	101	1457	58	282	282	282	282	282
	Sewage	LOW	9	197238	1	10	1785	16305	709	0	0	0	0	0
	Sewage	HIGH	9	197238	1	27	1785	16305	791	1728	1728	1728	1728	1728
	River	LOW	6	7121354	196	30	2063	21849	1548	0	0	0	0	0
	River	HIGH	6	7121354	213	718	5936	21865	5828	29689	29689	29689	29689	29689
	Total	LOW	18	7334362	197	43	3948	39611	2316	0	0	0	0	0
	Total	HIGH	18	7334362	215	748	7821	39627	8677	31700	31700	31700	31700	31700

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_118 g/yr	PCB_138 g/yr
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	16486	0	4	152	636	95	0	0	0	0	0
	Sewage	HIGH	3	16486	0	5	152	636	95	125	125	125	125	125
	River	LOW	6	10287833	16	259	4616	141987	13646	0	0	0	0	0
	River	HIGH	6	10287833	49	1349	10972	142002	18642	52022	52022	52022	52022	52022
	Total	LOW	9	10304319	16	262	4768	142623	13742	0	0	0	0	0
	Total	HIGH	9	10304319	49	1354	11124	142638	18738	52147	52147	52147	52147	52147
E27	Industrial	LOW	8	34259	0	10	190	2627	123	0	0	0	0	0
	Industrial	HIGH	8	34259	0	11	191	2627	130	155	155	155	155	155
	Sewage	LOW	7	74113	0	8	1218	3168	386	0	0	0	0	0
	Sewage	HIGH	7	74113	0	11	1218	3168	403	377	377	377	377	377
	River	LOW	7	4219965	11	359	16561	77037	4845	0	0	0	0	0
	River	HIGH	7	4219965	23	757	17132	77037	5576	17807	17807	17807	17807	17807
	Total	LOW	22	4328337	11	377	17969	82833	5354	0	0	0	0	0
	Total	HIGH	22	4328337	23	780	18542	82833	6110	18340	18340	18340	18340	18340
E28	Industrial	LOW	6	44841	643	1	713	3955	52529					
	Industrial	HIGH	6	44841	643	13	720	3955	52645					
	Sewage	LOW	4	242500	6	82	2993	14391	2613					
	Sewage	HIGH	4	242500	6	158	2993	14391	2790					
	River	LOW	5	3644750	418	221	12768	58324	8628	233	0	330	330	240
	River	HIGH	5	3644750	419	224	12768	58324	8816	11622	45945	11615	11615	11570
	Total	LOW	15	3932091	1068	304	16473	76670	63771	233	0	330	330	240
	Total	HIGH	15	3932091	1068	295	16481	76670	64251	11622	45945	11615	11615	11570
E29	Industrial	LOW	1	125		0	2	9	0					
	Industrial	HIGH	1	125		0	2	9	1					
	Sewage	LOW	1	88000		11								
	Sewage	HIGH	1	88000		11								
	River	LOW	7	6942636	366	1550	15042	28153	5430	25146	8449	3819	6841	7038
	River	HIGH	7	6942636	418	1614	15044	29358	11365	45256	86963	29058	31817	31721
	Total	LOW	9	7030761	366	1560	15044	28162	5431	25146	8449	3819	6841	7038
	Total	HIGH	9	7030761	418	1625	15046	29367	11368	45256	86963	29058	31817	31721
E30	Industrial	LOW	1	21595	36	5100	5420	95530	185					
	Industrial	HIGH	1	21595	36	5100	5420	95530	185					
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	6126681	478	375	5869	27926	11816	3312	0	3786	3541	4961
	River	HIGH	2	6126681	551	453	5869	28107	13434	16491	48953	15115	14283	15703
	Total	LOW	3	6148276	514	5475	11289	123456	12001	3312	0	3786	3541	4961
	Total	HIGH	3	6148276	587	8553	11289	123837	13619	16491	48953	15115	14283	15703

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	PCB_28 g/yr	PCB_52 g/yr	PCB_101 g/yr	PCB_ 118 g/yr	PCB_ 138 g/yr
Totals	Industrial	LOW	71	714137	812	7451	56273	726035	73520	193	68	5	3	4
	Industrial	HIGH	71	714137	815	7789	58964	726294	80725	1569	1475	1401	1394	1397
	Sewage	LOW	135	6330917	62	764	82920	292342	30397	10306	3640	4052	1803	2866
	Sewage	HIGH	135	6330917	175	1535	85155	292688	34693	23896	17276	18140	16240	16968
	River	LOW	129	134838900	2171	7590	280030	1592322	384020	28782	8475	7935	10718	12239
	River	HIGH	129	134838900	3877	12865	295809	1615966	416458	276946	387135	259849	259600	261414
	Total	LOW	335	141883954	3045	15806	419223	2610696	487937	39282	12183	11982	12524	15109
	Total	HIGH	335	141883954	4867	22189	439928	2634947	531875	302410	405896	279390	277234	279779

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E1	Industrial	LOW	2	6042					48627	1518	198		50344	84292	65246164
	Industrial	HIGH	2	6042					48627	2125	201		50344	84301	65246164
	Sewage	LOW	4	41469	19	0		96	410683	181336	16438		608457	65460	1870067
	Sewage	HIGH	4	41469	45	28		98	410683	184316	16457		608457	65485	1870067
	River	LOW	3	7195631	0	0		928	261061	5893585	59276		6211717	101036	18590525
	River	HIGH	3	7195631	6161	6161		6283	285939	5911618	71663		6211717	103869	18694725
	Total	LOW	9	7243142	19	0		1025	720371	6076440	75913		6870518	250787	85706755
	Total	HIGH	9	7243142	6206	6189		6381	745250	6098058	88322		6870518	253658	85810985
E2	Industrial	LOW	2	273					1087	343	42		1472	3	1330
	Industrial	HIGH	2	273					1087	349	42		1472	3	1344
	Sewage	LOW	1	237139	0	0		1764	1838215	12326	11063		1861605	324218	6953865
	Sewage	HIGH	1	237139	184	184		1815	1838215	47750	11063		1861605	324218	6953865
	River	LOW	3	4840302	0	0		1415	210876	1932983	44542		2188401	54772	15219527
	River	HIGH	3	4840302	2962	2962		4490	225460	1932983	54039		2188401	63585	15362815
	Total	LOW	6	5077714	0	0		3179	2050178	1945652	55648		4051477	378992	22174723
	Total	HIGH	6	5077714	3146	3146		6305	2064762	1981063	65144		4051477	387806	22316024
E3	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	1	19827	0	0		262	161566	5136	4193		170895	39097	106530
	Sewage	HIGH	1	19827	14	14		264	161566	7494	4193		170895	39097	106530
	River	LOW	1	1236879	0	0		2148	261292	1167742	49473		1478507	126106	11115955
	River	HIGH	1	1236879	734	734		2447	261292	1167742	49473		1478507	126106	11115955
	Total	LOW	2	1256706	0	0		2410	422858	1172878	53666		1649402	165203	11222484
	Total	HIGH	2	1256706	748	748		2711	422858	1175236	53666		1649402	165203	11222484
E4	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	4	150107	0	0		1434	1171597	110263	15397		1288546	323079	24862965
	Sewage	HIGH	4	150107	95	95		1467	1171597	122379	15488		1288546	323079	24863443
	River	LOW													
	River	HIGH													
	Total	LOW	4	150107	0	0		1434	1171597	110263	15397		1288546	323079	24862965
	Total	HIGH	4	150107	95	95		1467	1171597	122379	15488		1288546	323079	24863443
E5	Industrial	LOW	10	272641	0	0		229	16644427	2081512	287960		18486942	188898	20594758
	Industrial	HIGH	10	272641	184	184		288	16644459	2083054	288067		18486953	189371	20594858
	Sewage	LOW	3	112246	9	10		1328	934658	46342	8594		989411	156421	3540340
	Sewage	HIGH	3	112246	86	86		1347	934658	60411	8594		989411	156421	3540340
	River	LOW	1	2759340	0	0		4830	110803	2327999	48311		2487112	88293	43485520
	River	HIGH	1	2759340	2092	2092		5949	112389	2327999	48765		2487112	93358	43485520
	Total	LOW	14	3144227	9	10		6387	17689888	4455853	344865		21963465	433612	67620618
	Total	HIGH	14	3144227	2361	2362		7583	17691506	4471463	345428		21963476	439151	67620718

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E6	Industrial	LOW	1	24788	0	0		0	95658	10334	655	10958	106646	502	170229430
	Industrial	HIGH	1	24788	45	45		42	95658	10590	662	11252	106646	727	170229430
	Sewage	LOW	2	66219	0	0		1198	630086	3609	1574	9207	641226	131045	6792972
	Sewage	HIGH	2	66219	126	124		1209	630086	14693	1738	12411	641226	131045	6792972
	River	LOW													
	River	HIGH													
	Total	LOW	3	91007	0	0		1198	725743	13943	2229	20165	747873	131547	177022402
	Total	HIGH	3	91007	171	169		1251	726743	25283	2399	23683	747873	131772	177022402
E7	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	1	14593	0	0		535	154980	2327	202	3574	158577	37204	1582881
	Sewage	HIGH	1	14593	27	31		535	154980	4082	233	4315	158577	37204	1582881
	River	LOW													
	River	HIGH													
	Total	LOW	1	14593	0	0		535	154980	2327	202	3574	158577	37204	1582881
	Total	HIGH	1	14593	27	31		535	154980	4082	233	4315	158577	37204	1582881
E7a	Industrial	LOW	13	107661	0	0		2	766040	325232	16071	331791	1080316	19673	28565588
	Industrial	HIGH	13	107661	170	174		194	766174	327387	16079	340805	1080330	22366	28565598
	Sewage	LOW	4	121906	0	0		1846	1040734	2186	1012	6658	1047812	232417	10676253
	Sewage	HIGH	4	121906	264	256		1972	1040734	21268	1342	17741	1047812	232417	10676253
	River	LOW	8	21315072	191	0	191	62350	3923537	30896985	317681	45476322	49399859	3912604	309564776
	River	HIGH	8	21315072	20624	24193	109524	77870	3963649	37931018	337375	45476322	49399859	3939492	309579703
	Total	LOW	25	21544640	191	0	191	64199	5730311	31224402	334764	45814771	51527987	4164695	348806616
	Total	HIGH	25	21544640	21059	24622	109524	80037	5770755	38279873	354797	45834868	51528001	4194275	348821554
E9	Industrial	LOW	1	872	0	0		2	90			4956	5046	8911	8116
	Industrial	HIGH	1	872	3	3		4	99			4956	5046	8919	8287
	Sewage	LOW	5	112051	0	0		657	737643	139704	7465	244318	982069	198553	2311690
	Sewage	HIGH	5	112051	243	244		716	737766	154727	7465	252519	982069	198553	2311690
	River	LOW	5	2887410	0	0		5377	354249	8216888	104337	12918680	13272929	346486	40975866
	River	HIGH	5	2887410	4905	4905		6492	358260	8216888	104337	12918680	13272929	346683	41662825
	Total	LOW	11	3000332	0	0		6036	1091982	8356591	111802	13167954	14260044	553950	43295671
	Total	HIGH	11	3000332	5151	5152		7212	1096126	8371614	111802	13176155	14260044	554155	43982802
E10	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	3	109825	0	0		708	650242	371434	7527	383553	1034279	218819	10465141
	Sewage	HIGH	3	109825	192	192		741	651493	401922	7527	389488	1034279	218819	10504006
	River	LOW	7	3034790	0	0		6355	136088	7108159	78124	10987695	11123783	410671	27739858
	River	HIGH	7	3034790	5260	5292		6921	138372	7108159	78124	10987695	11123783	413229	28200051
	Total	LOW	10	3144615	0	0		7063	786330	7479593	85652	11371248	12158063	629490	38204999
	Total	HIGH	10	3144615	5452	5484		7661	789865	7510081	85652	11377184	12158063	632048	38704057

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E11	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	4	74455	0	0		560	293859	274601	13500	306658	600517	157913	475844
	Sewage	HIGH	4	74455	143	143		565	293900	274601	13500	306658	600517	157913	482606
	River	LOW	4	611431	0	0		1860	42988	2561655	20037	3096496	3139484	96461	5597708
	River	HIGH	4	611431	1036	1036		2091	43360	2561655	20037	3096496	3139484	96461	5675103
	Total	LOW	8	685887	0	0		2419	336847	2836257	33537	3403154	3740001	254373	6073552
	Total	HIGH	8	685887	1179	1179		2656	337260	2836257	33537	3403154	3740001	254373	6157709
E12	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	6	2591564	0	0	80	55678	3885258	9052666	312715	9290434	13176686	3476256	10100600
	Sewage	HIGH	6	2591564	4802	4445	32797	55678	3885971	9062536	316986	9301118	13176686	3476256	10101659
	River	LOW	10	6464436	0	0	0	57597	635741	18438847	265921	19204881	19840622	2305100	58820028
	River	HIGH	10	6464436	9118	9361	68436	57983	642625	18438847	267335	19204881	19840622	2305100	58825992
	Total	LOW	16	9056000	0	0	80	113276	4521000	27491513	578638	28495314	33017308	5781356	68920629
	Total	HIGH	16	9056000	13920	13806	101233	113662	4528596	27501383	584321	28505998	33017308	5781356	68927651
E13	Industrial	LOW	5	40389				0	35321	4063	2235		35394	14407	
	Industrial	HIGH	5	40389				0	35321	4090	2245		35404	14456	
	Sewage	LOW	10	235201				3715	3040245	132174	9797		3171163	577009	
	Sewage	HIGH	10	235201				3780	3040245	157063	9797		3171163	577228	
	River	LOW	3	1171908				3911	32168	2153585	20152		2205905	204847	
	River	HIGH	3	1171908				3948	33905	2153585	20152		2205905	204847	
	Total	LOW	18	1447498				7626	3107734	2289822	32185		5412462	796263	
	Total	HIGH	18	1447498				7728	3109472	2314738	32195		5412472	796531	
E14	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	9	269249				2143	2019267	227	9950		2021268	540452	
	Sewage	HIGH	9	269249				2243	2031021	8461	9966		2021268	540452	
	River	LOW	4	1504113					101133	2355735	42249		2086385	225940	
	River	HIGH	4	1504113					102557	2355735	42249		2086385	225940	
	Total	LOW	13	1773362				2143	2120400	2355962	52198		4107653	766392	
	Total	HIGH	13	1773362				2243	2133578	2364196	52215		4107653	766392	
E15	Industrial	LOW	1	584											
	Industrial	HIGH	1	584											
	Sewage	LOW	7	297809				3709	2145640	308860	50277		2483551	450653	
	Sewage	HIGH	7	297809				3751	2145640	329109	50409		2483551	450653	
	River	LOW	2	1184971				0	15476	2761458	19223		2708416	47591	
	River	HIGH	2	1184971				0	16839	2761458	19223		2708416	47591	
	Total	LOW	10	1483384				3709	2161115	3070318	69500		5191966	498244	
	Total	HIGH	10	1483384				3751	2162478	3090687	69632		5191968	498244	

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E16	Industrial	LOW	2	1201	3	1		1	2645	2375	8	2399	5064	63	6581
	Industrial	HIGH	2	1201	3	1		2	2779	2375	46	2421	5064	270	6581
	Sewage	LOW	4	85984	0	0		1142	584083	208589	8212	211266	801417	118627	2613947
	Sewage	HIGH	4	85984	10	9		1185	585289	208589	9246	217835	801417	120925	2613947
	River	LOW	3	3252696	0	0		3246	102981	7058119	71723	7129742	7232723	299285	19432593
	River	HIGH	3	3252696	2887	2416		3246	105692	7058119	71723	7129742	7232723	299285	19432593
	Total	LOW	9	3339881	3	1		4390	689709	7269083	79943	7343406	8039204	417974	22053122
	Total	HIGH	9	3339881	2899	2426		4433	693759	7269083	81015	7349998	8039204	420480	22053122
E17	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	7	182288	4	0		1984	840805	304615	18845	305975	1164265	225030	4708825
	Sewage	HIGH	7	182288	19	14		1986	840805	304615	20617	325232	1164265	225319	4708825
	River	LOW	4	4245958				1139	112610	4554555	53735	4607131	4719741	159897	77326687
	River	HIGH	4	4245958				1199	114780	4554555	53735	4607131	4719741	167397	77379563
	Total	LOW	11	4428247	4	0		3123	953414	4859170	72580	4913106	5884005	384927	82035512
	Total	HIGH	11	4428247	19	14		3185	955584	4859170	74352	4932363	5884005	392716	82088387
E18	Industrial	LOW	1	9457				0	0	0	0	0	0	0	0
	Industrial	HIGH	1	9457				0	0	0	0	0	0	0	0
	Sewage	LOW	6	73289				940	532448	51585	4463	41480	588844	109106	2588212
	Sewage	HIGH	6	73289				940	532448	51585	6247	57832	588844	109106	2588212
	River	LOW	12	5756059	0	0		3445	168901	5320563	59846	5380601	5549502	99427	115480895
	River	HIGH	12	5756059	126	106		3473	177092	5320563	60930	5380601	5549502	123577	115805716
	Total	LOW	19	5838805	0	0		4386	701349	5372147	64309	5422081	6138346	208533	118069107
	Total	HIGH	19	5838805	126	106		4414	709840	5372147	67177	5438433	6138346	232682	118393928
E19	Industrial	LOW	1	3420											
	Industrial	HIGH	1	3420											
	Sewage	LOW	4	20381				313	166773	5334	1819	3454	173927	35880	1864317
	Sewage	HIGH	4	20381				314	166773	5334	2061	7396	173927	35923	1864317
	River	LOW	3	921672				0	26007	1292279	4995	1297769	1323777	11642	4602821
	River	HIGH	3	921672				0	26930	1292279	5347	1297769	1323777	21051	4706522
	Total	LOW	8	945473				313	192781	1297613	6814	1301223	1497704	47522	6467138
	Total	HIGH	8	945473				314	193704	1297613	7408	1305165	1497704	56973	6570839
E20	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	2	14367				35							
	Sewage	HIGH	2	14367				35							
	River	LOW	3	3262836					66334	2871252	36843	2908639	2974973	61369	48067003
	River	HIGH	3	3262836					70118	2871252	36843	2908639	2974973	71252	48074677
	Total	LOW	5	3277203				35	66334	2871252	36843	2908639	2974973	61369	48067003
	Total	HIGH	5	3277203				35	70118	2871252	36843	2908639	2974973	71252	48074677

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E21	Industrial	LOW	2	18968	0	0		24	59430	198774	1874	191870	251644	8758	772601
	Industrial	HIGH	2	18968	7	6		47	59430	198774	2299	192214	251644	9038	772601
	Sewage	LOW	3	53945				733	558314	26756	3371	18331	587231	101445	3460222
	Sewage	HIGH	3	53945				806	558314	26756	4326	30435	587231	101445	3460222
	River	LOW	2	863242	0	0		2389	60505	1917170	27737	1944907	2005412	155996	6740609
	River	HIGH	2	863242	698	601		2389	60647	1917170	27737	1944907	2005412	155996	6740609
	Total	LOW	7	936155	0	0		3146	678249	2142700	32981	2155107	2844287	266198	10973432
	Total	HIGH	7	936155	705	607		3242	678390	2142700	34362	2167556	2844287	266479	10973432
E22	Industrial	LOW	5	27584				412	866418	666687	104703	769477	1635904	2994	1911811
	Industrial	HIGH	5	27584				434	866601	666687	104754	769487	1635904	6585	1911881
	Sewage	LOW	3	265290	10	0	69	3748	2314699	96759	17413	78254	2405029	342799	7475143
	Sewage	HIGH	3	265290	490	487	3430	4226	2314699	118785	22124	144092	2405029	342799	7475143
	River	LOW	2	10914383	8045	0	4022	20855	575798	21358183	29122	24301711	25503164	1613639	173375429
	River	HIGH	2	10914383	24117	18826	114803	34178	576179	21437453	29122	24301711	25503164	1613639	173375429
	Total	LOW	10	11207256	8054	0	4092	25015	3756914	22121629	151238	25149443	29544097	1959432	182762383
	Total	HIGH	10	11207256	24609	19314	118233	38838	3757478	22222925	156000	25215290	29544097	1963023	182762453
E23	Industrial	LOW	2	21005	0	0	0	0	3607	24524	6777	28300	28193	18028	14149194
	Industrial	HIGH	2	21005	138	138	968	130	5966	24524	6777	28300	28193	18028	14149194
	Sewage	LOW	10	374435	2301	1775	26552	17	1308936	219270	21647	225973	1353613	284548	15839744
	Sewage	HIGH	10	374435	6519	5993	52657	4884	1311545	219270	23857	251178	1353736	297333	15839744
	River	LOW	7	9740796	0	0	0	0	199551	7855198	91469	7946892	8116016	299445	277859310
	River	HIGH	7	9740796	19714	19714	78855	34092	210458	7855198	91469	7946892	8116016	311607	278378638
	Total	LOW	19	10136236	2301	1775	26552	17	1512094	8098992	119893	8201165	9497822	602021	307848249
	Total	HIGH	19	10136236	26372	25845	132481	39107	1527969	8098992	122103	8226371	9497845	626967	308367578
E24	Industrial	LOW	4	62663	0	0	0	0	342466	17856	5127	17614	365530	0	1438641
	Industrial	HIGH	4	62663	403	403	2823	467	345673	17856	5208	23064	365530	3456	1438641
	Sewage	LOW	8	188939	0	0	0	825	845822	48598	10774	38995	893273	241435	6418972
	Sewage	HIGH	8	188939	1268	1268	8874	2069	846990	48598	11676	60279	893273	245341	6418978
	River	LOW	9	3331755	0	0	46	0	849250	1343584	23578	1358486	2113972	195741	37477444
	River	HIGH	9	3331755	7822	7822	32946	12328	852090	1343584	23745	1367805	2114425	196480	37769621
	Total	LOW	21	3583358	0	0	46	825	2037538	1410037	39480	1415095	3372774	437176	45335057
	Total	HIGH	21	3583356	9493	9493	44643	14864	2044753	1410037	40629	1451148	3373227	445276	45627241
E25	Industrial	LOW	3	15770	0	0	0	0	11147	7932	605	6826	19691	3213	408239
	Industrial	HIGH	3	15770	282	282	1973	282	11399	7932	704	8637	19691	4251	408239
	Sewage	LOW	9	197238	0	0	0	0	827221	164385	12806	167300	967588	183542	7392579
	Sewage	HIGH	9	197238	1728	1728	12100	1592	831420	164385	13871	178175	967588	185211	7392579
	River	LOW	6	7121354	0	0	0	0	111064	3706198	27043	3637083	3712008	69994	89373718
	River	HIGH	6	7121354	29689	29689	118757	28514	113171	3706198	27600	3637083	3712008	89449	89730266
	Total	LOW	18	7334362	0	0	0	0	949432	3878515	40453	3811209	4699287	256749	97174536
	Total	HIGH	18	7334362	31700	31700	132829	30388	965990	3878515	42176	3823895	4699287	278911	97831084

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB_ 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
E26	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	3	16486	0	0	0	0	108296	10349	1434	10512	116143	47219	804283
	Sewage	HIGH	3	16486	125	125	875	160	108296	10349	1464	11812	116143	47373	804283
	River	LOW	6	10287833	0	0	0	0	104217	4308340	18405	4236987	4269985	68567	55733512
	River	HIGH	6	10287833	52022	52022	208087	39638	116841	4308340	21024	4236987	4270005	107411	57474932
	Total	LOW	9	10304319	0	0	0	0	212513	4318689	19839	4247499	4386128	115786	56537795
	Total	HIGH	9	10304319	52147	52147	208961	39788	225137	4318689	22488	4248799	4386148	154784	58279215
E27	Industrial	LOW	8	34259	0	0	0	0	18868	9166	1042	9259	28158	18764	360126
	Industrial	HIGH	8	34259	155	155	794	148	18868	9166	1042	9324	28158	18764	360269
	Sewage	LOW	7	74113	0	0	0	9	722560	25894	3240	20028	734084	108888	4581376
	Sewage	HIGH	7	74113	377	377	2000	325	722717	25894	3787	29701	734241	110322	4581376
	River	LOW	7	4219965	0	0	0	0	163426	3413267	53912	3493150	3601519	204930	45327620
	River	HIGH	7	4219965	17807	17807	71734	15544	163709	3413267	54317	3493150	3601519	210200	46414182
	Total	LOW	22	4328337	0	0	0	9	904854	3448327	58184	3522437	4363780	332582	50269121
	Total	HIGH	22	4328337	18340	18340	74528	16016	905295	3448327	59146	3532175	4363917	339297	51355826
E28	Industrial	LOW	6	44841					62305	183411	5234	0	249390	4662	236550
	Industrial	HIGH	6	44841					62332	183411	5405	1668	249724	4850	237702
	Sewage	LOW	4	242500				12767	1487436	136955	49398		1673789	313521	9183551
	Sewage	HIGH	4	242500				13289	1487723	150947	53846		1673789	313704	9183551
	River	LOW	5	3644750	153	417		20484	3630694	6957867	450635		11038124	1310130	31172152
	River	HIGH	5	3644750	11526	11657		22424	3631175	6957867	451757		11038124	1310130	31329336
	Total	LOW	15	3932091	153	417		33250	5180435	7278234	505267	0	12961304	1628312	40592253
	Total	HIGH	15	3932091	11526	11657		35712	5181230	7292226	511008	1668	12961637	1628884	40750588
E29	Industrial	LOW	1	125											
	Industrial	HIGH	1	125											
	Sewage	LOW	1	88000				2111	662687	23655	1765		675114	170357	2766026
	Sewage	HIGH	1	88000				2304	662687	27245	2087		675114	170357	2766026
	River	LOW	7	6942636	6586	4678		7278	431449	6108055	88373	1150362	6803493	547804	37281237
	River	HIGH	7	6942636	31370	29648		15265	465131	6159575	104037	1150362	6855013	563694	37768271
	Total	LOW	9	7030761	6586	4678		9389	1094136	6131711	90138	1150362	7478607	718161	40047263
	Total	HIGH	9	7030761	31370	29648		17569	1127816	6186821	106124	1150362	7530127	734051	40534298
E30	Industrial	LOW	1	21595					66904	56657	4087		127648	873345	25360200
	Industrial	HIGH	1	21595					66904	56657	4087		127648	873345	25360200
	Sewage	LOW													
	Sewage	HIGH													
	River	LOW	2	6126681	4128	4128		2267	139676	3873184	26742	1717164	4037133	81017	49204496
	River	HIGH	2	6126681	14870	14870		9086	164318	3873184	43302	1717164	4037133	101048	49204496
	Total	LOW	3	6148276	4128	4128		2267	206580	3929841	30829	1717164	4164781	954362	74564696
	Total	HIGH	3	6148276	14870	14870		9086	231222	3929841	47389	1717164	4164781	974393	74564696

PARCOM High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB 153 g/yr	PCB_ 180 g/yr	PCB_Total g/yr	Gamma HCH g/yr	NH3 Kg/yr	NO3 Kg/yr	NO2 Kg/yr	TON Kg/yr	Total N Kg/yr	Ortho P Kg/yr	SPM Kg/yr
Totals	Industrial	LOW	71	714137	3	1	0	671	19025038	3590383	436619	1373450	22477380	1246513	329289329
	Industrial	HIGH	71	714137	1392	1392	6558	2038	19031378	3594975	437619	1392128	22477749	1258731	329290989
	Sewage	LOW	135	6330917	2344	1784	26701	100258	30074753	11965935	624891	11365968	42370379	9210992	149436344
	Sewage	HIGH	135	6330917	16756	15843	112733	110296	30098261	12213163	649966	11598216	42370659	9233998	149483514
	River	LOW	129	134838900	19103	9223	4260	207876	12827875	167753435	2133486	162794699	209144662	13098787	1599565290
	River	HIGH	129	134838900	265542	261916	803141	395849	13033176	174936292	2215461	162804017	209196655	13308474	1606187540
	Total	LOW	335	141883954	21449	11008	30961	308805	61927567	183309753	3194996	175534117	273992421	23556293	2078290964
	Total	HIGH	335	141883954	283690	279151	922432	508183	62162815	190744431	3303047	175794362	274045063	23801203	2084962042

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E2	Industrial	LOW	2	664			0							
	Industrial	HIGH	2	664			0							
	Sewage	LOW	3	564496	21	96	5	0	0	0	0	0	0	0
	Sewage	HIGH	3	564496	21	274	5	417	417	417	417	417	417	417
	Rivers	LOW	2	2291075	288	233	7	0	0	0	0	0	0	0
	Rivers	HIGH	2	2291075	288	233	9	3021	3021	3021	3021	3021	3021	3021
	Total	LOW	7	2856234	309	329	12	0	0	0	0	0	0	0
	Total	HIGH	7	2856234	309	506	14	3438	3438	3438	3438	3438	3438	3438
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	17844	3	8		0	0	0	0	0	0	0
	Sewage	HIGH	1	17844	3	17		13	13	13	13	13	13	13
	Rivers	LOW	1	643015	55	59	4	0	0	0	0	0	0	0
	Rivers	HIGH	1	643015	55	60	4	1387	1387	1387	1387	1387	1387	1387
	Total	LOW	2	660859	58	67	4	0	0	0	0	0	0	0
	Total	HIGH	2	660859	58	76	4	1400	1400	1400	1400	1400	1400	1400
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	49766	4	28	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	49766	4	28	0	97	97	97	97	97	97	97
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	49766	4	28	0	0	0	0	0	0	0	0
	Total	HIGH	1	49766	4	28	0	97	97	97	97	97	97	97
E5	Industrial	LOW	4	152538	29	78	5	0	0	0	0	0	0	0
	Industrial	HIGH	4	152538	29	173	6	232	232	232	232	232	232	232
	Sewage	LOW	4	170346	3	13	0	0	0	0	0	0	0	0
	Sewage	HIGH	4	170346	7	60	1	213	213	207	213	213	213	213
	Rivers	LOW	3	1530416			11	0	0	0	0	0	0	0
	Rivers	HIGH	3	1530416			12	834	833	858	833	833	833	833
	Total	LOW	11	1953300	32	91	17	0	0	0	0	0	0	0
	Total	HIGH	11	1953300	36	233	18	1279	1277	1297	1277	1277	1277	1277
E6	Industrial	LOW	1	24764	4	40								
	Industrial	HIGH	1	24764	5	85								
	Sewage	LOW	1	5700	0	1								
	Sewage	HIGH	1	5700	1	13								
	Rivers	LOW	1	196262	0	3								
	Rivers	HIGH	1	196262	27	36								
	Total	LOW	3	226726	4	43								
	Total	HIGH	3	226726	33	134								

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	25098	0	0	5913							
	Sewage	HIGH	1	25098	3	78	5913							
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**1**	**25098**	**0**	**0**	**5913**							
	Total	**HIGH**	**1**	**25098**	**3**	**78**	**5913**							
E7a	Industrial	LOW	10	132622	66	3246	7154	8	0	0	0	0	1	0
	Industrial	HIGH	10	132622	67	3279	7647	175	170	170	117	117	117	117
	Sewage	LOW	9	305285	1	55	1	0	0	0	0	0	17	0
	Sewage	HIGH	9	305285	28	496	1	136	136	136	136	136	143	136
	Rivers	LOW	9	9844890	38	264	3900	0	4971	732	0	0	18970	0
	Rivers	HIGH	9	9844890	17244	1906	30652	3504	33474	30250	29884	29884	48320	28002
	Total	**LOW**	**28**	**10282797**	**105**	**3565**	**11055**	**8**	**4971**	**732**	**0**	**0**	**18989**	**0**
	Total	**HIGH**	**28**	**10282797**	**17339**	**5681**	**38300**	**3815**	**33780**	**30556**	**30137**	**30137**	**48580**	**28255**
E9	Industrial	LOW	2	3242	0	0		0	0	0	0	0	0	0
	Industrial	HIGH	2	3242	0	0		12	12	12	12	12	12	12
	Sewage	LOW	4	81373	1	1	0	0	0	0	0	0	0	0
	Sewage	HIGH	4	81373	2	3	0	166	166	166	166	166	166	166
	Rivers	LOW	7	691384	10	12	2	0	0	0	0	0	0	0
	Rivers	HIGH	7	691384	16	27	3	1262	1262	1262	1262	1262	1297	1262
	Total	**LOW**	**13**	**775999**	**11**	**13**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**13**	**775999**	**18**	**30**	**3**	**1440**	**1440**	**1440**	**1440**	**1440**	**1474**	**1440**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	110545	16	12	0	0	0	0	0	0	0	0
	Sewage	HIGH	5	110545	16	12	0	182	182	182	182	182	182	182
	Rivers	LOW	6	721457	8	9	1	0	0	0	0	0	0	0
	Rivers	HIGH	6	721457	17	30	1	1356	1356	1356	1356	1356	1356	1356
	Total	**LOW**	**11**	**832002**	**24**	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**11**	**832002**	**33**	**41**	**1**	**1538**	**1538**	**1538**	**1538**	**1538**	**1538**	**1538**
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	101705	1	3		0	0	0	0	0	0	0
	Sewage	HIGH	5	101705	1	4		4	4	4	4	4	4	4
	Rivers	LOW	3	45007	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	45007	1	2	0	104	104	104	104	104	104	104
	Total	**LOW**	**8**	**146711**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**146711**	**2**	**6**	**0**	**108**	**108**	**108**	**108**	**108**	**108**	**108**

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2544180	9	149		18973	30089	21765	0	1524	1187	2098
	Sewage	HIGH	8	2544180	95	561		22621	33222	24618	4472	5376	4951	5978
	Rivers	LOW	2	3931177	0	84		0	3707	1045	0	0	0	0
	Rivers	HIGH	2	3931177	108	134		914	4291	1629	914	914	914	914
	Total	LOW	10	6475357	9	233		18973	33797	22809	0	1524	1187	2098
	Total	HIGH	10	6475357	203	695		23535	37514	26246	5386	6290	5865	6892
E13	Industrial	LOW	7	104404				17	0	0	0	0	0	0
	Industrial	HIGH	7	104404				154	150	150	150	150	150	150
	Sewage	LOW	5	145549				0	0	0	0	0	0	0
	Sewage	HIGH	5	145549				531	531	531	531	531	531	531
	Rivers	LOW	2	259050										
	Rivers	HIGH	2	259050										
	Total	LOW	14	509003				17	0	0	0	0	0	0
	Total	HIGH	14	509003				685	681	681	681	681	681	681
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	149770		14		0	0	0	0	0	0	0
	Sewage	HIGH	6	149770		14		359	359	359	359	359	359	359
	Rivers	LOW	2	168060		1								
	Rivers	HIGH	2	168060		5								
	Total	LOW	8	317830		15		0	0	0	0	0	0	0
	Total	HIGH	8	317830		19		359	359	359	359	359	359	359
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	141511		36	7	0	0	0	0	0	0	0
	Sewage	HIGH	3	141511		36	7	517	517	517	517	517	517	517
	Rivers	LOW	1	133130										
	Rivers	HIGH	1	133130										
	Total	LOW	4	274641		36	7	0	0	0	0	0	0	0
	Total	HIGH	4	274641		36	7	517	517	517	517	517	517	517
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3				0							
	Sewage	HIGH	3				239							
	Rivers	LOW	4			8								
	Rivers	HIGH	4			51								
	Total	LOW	7			8	0							
	Total	HIGH	7			51	239							

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	78902	6	10	1	0	0	0	0	0	1	1
	Sewage	HIGH	7	78902	6	10	1	494	494	494	494	494	494	494
	Rivers	LOW	4	3500886	9	182	0	0	0	0	0	0	0	0
	Rivers	HIGH	4	3500886	15	189	0	13488	13488	13488	13488	13488	13488	13488
	Total	LOW	11	3579788	14	192	1	0	0	0	0	0	1	1
	Total	HIGH	11	3579788	21	199	1	13981	13981	13981	13981	13981	13982	13982
E18	Industrial	LOW	1	1250			128							
	Industrial	HIGH	1	1250			128							
	Sewage	LOW	10	138053	2	13	1	16	16	16	16	16	16	16
	Sewage	HIGH	10	138053	2	13	1	719	719	719	719	719	719	719
	Rivers	LOW	11	3455234	12	872	0	0	0	0	0	0	0	0
	Rivers	HIGH	11	3455233	53	885	1	7055	7055	7055	7055	7055	7055	7055
	Total	LOW	22	3594537	14	885	129	16	16	16	16	16	16	16
	Total	HIGH	22	3594536	55	898	130	7774	7774	7774	7774	7774	7774	7774
E19	Industrial	LOW	1	3420	0	2								
	Industrial	HIGH	1	3420	0	2								
	Sewage	LOW	4	21347	4	19		0	0	0	0	0	0	0
	Sewage	HIGH	4	21347	4	19		89	89	89	89	89	89	89
	Rivers	LOW	3	260429	7	40		0	0	0	0	0	0	0
	Rivers	HIGH	3	260429	10	43		577	577	577	577	577	577	577
	Total	LOW	8	285195	12	61		0	0	0	0	0	0	0
	Total	HIGH	8	285195	16	64		666	666	666	666	666	666	666
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	21115	0	4		0	0	0	0	0	0	0
	Sewage	HIGH	2	21115	0	4		31	31	31	31	31	31	31
	Rivers	LOW	3	2887044	7	93	1	0	0	0	0	0	0	0
	Rivers	HIGH	3	2887044	16	99	1	7911	7911	7911	7911	7911	7911	7911
	Total	LOW	5	2908159	7	97	1	0	0	0	0	0	0	0
	Total	HIGH	5	2908159	16	103	1	7942	7942	7942	7942	7942	7942	7942
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1											
	Sewage	HIGH	1											
	Rivers	LOW	3											
	Rivers	HIGH	3											
	Total	LOW	4											
	Total	HIGH	4											

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E22	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	37791	1	3504	322	0	0	0	0	350	0	0
	Sewage	HIGH	3	37791	2	3511	1752	321	70	70	70	402	70	70
	Rivers	LOW	2	6699197	0	16	0	2438	11746	23530	0	0	0	0
	Rivers	HIGH	2	6699197	245	1275	9949	5357	43307	54631	32669	32669	32669	32669
	Total	LOW	5	6736988	1	3519	322	2438	11746	23530	0	350	0	0
	Total	HIGH	5	6736988	247	4788	11701	5678	43377	54701	32739	33071	32739	32739
E23	Industrial	LOW	4	109110	1	15	0	935	490	164	131	219	237	141
	Industrial	HIGH	4	109110	4	99	1	2111	1910	1910	1910	1910	1910	1910
	Sewage	LOW	5	198182	3	112	1	0	0	0	0	0	0	0
	Sewage	HIGH	5	198182	7	20	1	4872	4427	4100	4067	4155	4173	4078
	Rivers	LOW	7	5992370	0	164	5	0	0	0	0	0	0	0
	Rivers	HIGH	7	5992370	162	181	12	5863	5863	5863	5863	5863	5863	5863
	Total	LOW	16	6299682	4	291	7	935	490	164	131	219	237	141
	Total	HIGH	16	6299682	172	300	14	12846	12199	11673	11840	11928	11946	11850
E24	Industrial	LOW	3	31466	1	18		0	0	0	0	0	0	0
	Industrial	HIGH	3	31466	1	18		645	645	645	645	645	645	645
	Sewage	LOW	2	76560	0	5		0	0	0	0	0	0	0
	Sewage	HIGH	2	76560	11	11	1	895	895	895	895	895	895	895
	Rivers	LOW	7	908791	1	120	3	0	0	0	0	0	0	0
	Rivers	HIGH	7	908791	18	116	3	2256	2256	2256	2256	2256	2256	2256
	Total	LOW	12	1016818	2	143	3	0	0	0	0	0	0	0
	Total	HIGH	12	1016818	30	145	4	3796	3796	3796	3796	3796	3796	3796
E25	Industrial	LOW	2	24533	4	10		0	0	0	0	0	0	0
	Industrial	HIGH	2	24533	4	10		314	314	314	314	314	314	314
	Sewage	LOW	1	1598	0	0		0	0	0	0	0	0	0
	Sewage	HIGH	1	1598	0	0		19	19	19	19	19	19	19
	Rivers	LOW	3	1837122	1	33	1	0	0	0	0	0	0	0
	Rivers	HIGH	3	1837122	24	39	4	4305	4305	4305	4305	4305	4305	4305
	Total	LOW	6	1863253	5	42	1	0	0	0	0	0	0	0
	Total	HIGH	6	1863253	28	49	4	4638	4638	4638	4638	4638	4638	4638
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	5	3330782	0	188	3	0	0	0	0	0	0	0
	Rivers	HIGH	5	3330782	74	851	8	5130	5130	5130	5130	5130	5130	5130
	Total	LOW	5	3330782	0	188	3	0	0	0	0	0	0	0
	Total	HIGH	5	3330782	74	851	8	5130	5130	5130	5130	5130	5130	5130

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year
E27	Industrial	LOW	5	2179	0	0		0	0	0	0	0	0	0
	Industrial	HIGH	5	2179	0	8		2	2	2	2	2	2	2
	Sewage	LOW	1	33998	0	0		0	0	0	0	0	0	0
	Sewage	HIGH	1	33998	4	124		37	37	37	37	37	37	37
	Rivers	LOW	3	3733604	0	116	4	0	0	0	0	0	0	0
	Rivers	HIGH	3	3733604	125	1363	8	4425	4425	4425	4638	4425	4425	4425
	Total	LOW	9	3769782	0	116	4	0	0	0	0	0	0	0
	Total	HIGH	9	3769782	129	1495	8	4464	4464	4464	4678	4464	4464	4464
E28	Industrial	LOW	4	10800	2640	2								
	Industrial	HIGH	4	10800	2640	15								
	Sewage	LOW	5	101800										
	Sewage	HIGH	5	101800										
	Rivers	LOW	4	5812444	888	306	14							
	Rivers	HIGH	4	5812444	898	333	14							
	Total	LOW	13	5925044	3528	308	14							
	Total	HIGH	13	5925044	3538	348	14							
E29	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	1450										
	Sewage	HIGH	1	1450										
	Rivers	LOW	6	4388273	68	786	4							
	Rivers	HIGH	6	4388273	148	907	4							
	Total	LOW	7	4389723	68	786	4							
	Total	HIGH	7	4388273	148	907	4							
E30	Industrial	LOW	1	33696	4	10423								
	Industrial	HIGH	1	33696	7	10423								
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	4032971	189	249								
	Rivers	HIGH	2	4032971	212	249								
	Total	LOW	3	4066667	194	10673								
	Total	HIGH	3	4066667	219	10673								
TOTALS	Industrial	LOW	47	634688	2750	13834	7288	960	490	164	131	219	238	141
	Industrial	HIGH	47	634688	2757	14113	7782	3645	3434	3434	3381	3381	3381	3381
	Sewage	LOW	101	5163485	74	4083	6252	18989	30105	21780	16	1890	1221	2115
	Sewage	HIGH	101	5163485	217	5325	7921	32733	42639	33702	13529	14853	14121	15046
	Rivers	LOW	106	67400678	1581	3837	3960	2438	20424	25307	0	0	18970	0
	Rivers	HIGH	107	67400678	19756	8994	40686	68748	140043	145506	122652	122439	140909	120556
	Total	LOW	284	73198851	4405	21754	17500	22286	51019	47251	146	2108	20430	2256
	Total	HIGH	284	73198851	22730	28431	58390	105126	186116	182642	139582	140673	158412	138983

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E2	Industrial	LOW	2	664										
	Industrial	HIGH	2	664										
	Sewage	LOW	3	564496		22131	0	0	659	0	0	0	64	0
	Sewage	HIGH	3	564496		22161	404	211	836	390	3994	209	254	209
	Rivers	LOW	2	2291075		2452	0	105	0	0	0	0	0	0
	Rivers	HIGH	2	2291075		4846	4266	3901	3849	3849	15603	7688	2433	6509
	Total	LOW	7	2856234		24583	0	105	659	0	0	0	64	0
	Total	HIGH	7	2856234		27007	4670	4112	4685	4239	18597	7897	2687	6718
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	17844		418								
	Sewage	HIGH	1	17844		422								
	Rivers	LOW	1	643015		1833	0	0	0	0	0	0	0	0
	Rivers	HIGH	1	643015		2493	1504	924	924	924	11189	1761	634	460
	Total	LOW	2	660859		2252	0	0	0	0	0	0	0	0
	Total	HIGH	2	660859		2915	1504	924	924	924	11189	1761	634	460
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	49766		132	0	0	0	0	0	0	48	0
	Sewage	HIGH	1	49766		178	187	213	104	168	752	282	148	69
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	49766		132	0	0	0	0	0	0	48	0
	Total	HIGH	1	49766		178	187	213	104	168	752	282	148	69
E5	Industrial	LOW	4	152538		1384	0	0	0	0	4147	6574	931	0
	Industrial	HIGH	4	152538		3849	3434	2670	2823	3434	8156	7070	3337	8322
	Sewage	LOW	4	170346		72375	0	0	11	0	0	49	84	31
	Sewage	HIGH	4	170346		72435	257	247	261	242	1232	420	364	334
	Rivers	LOW	3	1530416		2614	0	0	10	0	264	0	0	0
	Rivers	HIGH	3	1530416		4864	913	3011	3016	913	12452	764	3001	527
	Total	LOW	11	1853300		76373	0	0	21	0	4410	6623	1015	31
	Total	HIGH	11	1853300		81148	4504	5927	6100	4588	21840	8253	6701	9162
E6	Industrial	LOW	1	24764		0								
	Industrial	HIGH	1	24764		45								
	Sewage	LOW	1	5700		337		0	7	0	0		0	0
	Sewage	HIGH	1	5700		337		12	13	22	9		18	25
	Rivers	LOW	1	196262		538	0	0	0	0		0	0	0
	Rivers	HIGH	1	196262		538	902	71	71	143		1858	131	990
	Total	LOW	3	226726		876	0	0	7	0	0	0	0	0
	Total	HIGH	3	226726		921	902	84	85	165	9	1858	149	1015

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	25098		833		0	54	0	0		98	0
	Sewage	HIGH	1	25098		833		48	179	97	48		131	173
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**1**	**25098**		**833**	**0**	**0**	**54**	**0**	**0**	**0**	**98**	**0**
	Total	**HIGH**	**1**	**25098**		**833**	**0**	**48**	**179**	**97**	**48**	**0**	**131**	**173**
E7a	Industrial	LOW	10	132622		39	0	0	1	0	0	39	10567	457
	Industrial	HIGH	10	132622		210	467	58	117	340	170	164	10650	605
	Sewage	LOW	9	305285	0	15073	0	0	1056	0	40	0	6	0
	Sewage	HIGH	9	305285	85	18352	546	609	1373	1346	694	71301	633	2112
	Rivers	LOW	9	9844890	196	20131	8	418	1344	55	26571	245029	2338	0
	Rivers	HIGH	9	9844890	1923	20290	8291	10116	10886	20868	34010	1043967	10215	27384
	Total	**LOW**	**28**	**10282797**	**196**	**35243**	**8**	**418**	**2401**	**55**	**26611**	**245068**	**12911**	**457**
	Total	**HIGH**	**28**	**10282797**	**2008**	**38852**	**9304**	**10783**	**12377**	**22554**	**34874**	**1115432**	**21497**	**30101**
E9	Industrial	LOW	2	3242		10	0	0	4	0	17		2	0
	Industrial	HIGH	2	3242		19	47	6	14	23	27		7	12
	Sewage	LOW	4	81373		1164	0	0	0	0	151		0	0
	Sewage	HIGH	4	81373		1164	663	83	166	332	293		83	166
	Rivers	LOW	7	691384		3969	0	0	272	0	1397	0	0	0
	Rivers	HIGH	7	691384		3969	254	127	296	129	1539	410	252	252
	Total	**LOW**	**13**	**775999**		**5142**	**0**	**0**	**275**	**0**	**1566**	**0**	**2**	**0**
	Total	**HIGH**	**13**	**775999**		**5152**	**964**	**216**	**476**	**484**	**1859**	**410**	**343**	**429**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	110545		960	0	0	0	0	0		0	0
	Sewage	HIGH	5	110545		960	727	91	182	364	182		91	182
	Rivers	LOW	6	721457		2135	0	0	126	0	1058	0	0	0
	Rivers	HIGH	6	721457		2135	271	136	247	139	1162	706	271	296
	Total	**LOW**	**11**	**832002**		**3095**	**0**	**0**	**126**	**0**	**1058**	**0**	**0**	**0**
	Total	**HIGH**	**11**	**832002**		**3095**	**998**	**227**	**429**	**502**	**1344**	**706**	**362**	**478**
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	101705		25	0	0	2	0	0		0	0
	Sewage	HIGH	5	101705		25	16	2	4	8	4		2	4
	Rivers	LOW	3	45007		348	0	0	21	0	146	0	0	0
	Rivers	HIGH	3	45007		348	21	8	22	10	147	21	21	21
	Total	**LOW**	**8**	**146711**		**373**	**0**	**0**	**23**	**0**	**146**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**146711**		**373**	**37**	**10**	**27**	**19**	**151**	**21**	**23**	**25**

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2544180	82714	100049	2211	254	2410	295		80913	3106	1798
	Sewage	HIGH	8	2544180	101238	100076	6397	4502	5094	4685		302297	6454	9714
	Rivers	LOW	2	3931177	6247	30632	0	422	5168	0		0	0	102
	Rivers	HIGH	2	3931177	22170	30632	3973	2877	5916	3973		359476	2506	18835
	Total	**LOW**	**10**	**6475357**	**88960**	**130680**	**2211**	**676**	**7578**	**295**		**80913**	**3106**	**1900**
	Total	**HIGH**	**10**	**6475357**	**123407**	**130708**	**10369**	**7379**	**11010**	**8658**		**661773**	**8960**	**28549**
E13	Industrial	LOW	7	104404		101	0	0	0	0	0			0
	Industrial	HIGH	7	104404		186	599	75	150	299	158			150
	Sewage	LOW	5	145549		3503	0	45	504	0	67			0
	Sewage	HIGH	5	145549		3553	2125	293	740	1063	527			531
	Rivers	LOW	2	259050										
	Rivers	HIGH	2	259050										
	Total	**LOW**	**14**	**509003**		**3604**	**0**	**45**	**504**	**0**	**67**			**0**
	Total	**HIGH**	**14**	**509003**		**3740**	**2724**	**368**	**889**	**1362**	**685**			**681**
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	149770		2935	0	0	373	0	6			0
	Sewage	HIGH	6	149770		2935	1438	180	550	719	362			359
	Rivers	LOW	2	168060										
	Rivers	HIGH	2	168060										
	Total	**LOW**	**8**	**317830**		**2935**	**0**	**0**	**373**	**0**	**6**			**0**
	Total	**HIGH**	**8**	**317830**		**2935**	**1438**	**180**	**550**	**719**	**362**			**359**
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	141511		4365	0	0	47	0	0			0
	Sewage	HIGH	3	141511		4417	2066	258	519	1033	517			517
	Rivers	LOW	1	133130										
	Rivers	HIGH	1	133130										
	Total	**LOW**	**4**	**274641**		**4365**	**0**	**0**	**47**	**0**	**0**			**0**
	Total	**HIGH**	**4**	**274641**		**4417**	**2066**	**258**	**519**	**1033**	**517**			**517**
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3			63			0					
	Sewage	HIGH	3			323			66					
	Rivers	LOW	4			1594		0	0			790	0	
	Rivers	HIGH	4			5157		2584	2116			2387	1831	
	Total	**LOW**	**7**			**1857**		**0**	**0**			**790**	**0**	
	Total	**HIGH**	**7**			**5480**		**2584**	**2182**			**2387**	**1831**	

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	78902		763	0	0	0	0	0	0	0	0
	Sewage	HIGH	7	78902		1385	1757	779	605	2136	598	673	557	532
	Rivers	LOW	4	3500886		725	0	0	0	0	0	0	0	0
	Rivers	HIGH	4	3500886		17820	32192	7980	13811	43960	14321	15853	14321	13811
	Total	**LOW**	**11**	**3579788**		**1488**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**11**	**3579788**		**19205**	**33948**	**8758**	**14416**	**46096**	**14919**	**16526**	**14878**	**14343**
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	10	138053		423	0	0	0	0	18	100	0	0
	Sewage	HIGH	10	138053		2417	2398	859	859	1718	1023	1344	859	859
	Rivers	LOW	11	3455234		680	0	0	0	0	0	0	0	0
	Rivers	HIGH	11	3455233		8506	19306	10143	9982	20822	11164	11470	10009	9982
	Total	**LOW**	**22**	**3594597**		**1104**	**0**	**0**	**0**	**0**	**18**	**100**	**0**	**0**
	Total	**HIGH**	**22**	**3594536**		**10923**	**21703**	**11002**	**10841**	**22540**	**12186**	**12814**	**10868**	**10841**
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	21347		1043	0	0	0	0	0	0	0	0
	Sewage	HIGH	4	21347		1179	503	148	148	296	189	216	148	148
	Rivers	LOW	3	260429		51	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	260429		675	1488	781	781	1563	856	913	781	781
	Total	**LOW**	**8**	**285195**		**1093**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**8**	**285195**		**1854**	**1991**	**929**	**929**	**1859**	**1046**	**1129**	**929**	**929**
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	21115		1392	0	0	0	0	0	0	0	0
	Sewage	HIGH	2	21115		1404	114	39	39	78	48	53	39	39
	Rivers	LOW	3	2887044		873	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	2887044		8060	10603	9467	10113	20037	10234	10234	10113	10018
	Total	**LOW**	**5**	**2908159**		**2266**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**5**	**2908159**		**9465**	**10717**	**9506**	**10152**	**20115**	**10261**	**10288**	**10152**	**10057**
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1											
	Sewage	HIGH	1											
	Rivers	LOW	3			257			0		128			0
	Rivers	HIGH	3			609			232		318			160
	Total	**LOW**	**4**			**257**			**0**		**128**			**0**
	Total	**HIGH**	**4**			**809**			**232**		**318**			**160**

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E22	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	37791		2994	324	0	0	0	51	0	12	0
	Sewage	HIGH	3	37791		3810	387	71	372	1226	115	4124	449	149
	Rivers	LOW	2	6699197		1752	0	0	0	0	5442	0	0	0
	Rivers	HIGH	2	6699197		2203	11451	11644	12063	11451	17987	399834	11763	20920
	Total	LOW	5	6736988		4746	324	0	0	0	5493	0	12	0
	Total	HIGH	5	6736988		6013	11838	11715	12435	12677	18101	403958	12212	21069
E23	Industrial	LOW	4	109110		0	0	0	166	44	0	100	0	0
	Industrial	HIGH	4	109110		3228	4037	1855	1418	5165	1491	1709	1491	1418
	Sewage	LOW	5	198182		604	0	52	0	0	0	0	70	0
	Sewage	HIGH	5	198182		5104	4508	1792	1394	4715	1323	1525	1453	1290
	Rivers	LOW	7	5992370		1995	0	1995	1995	0	0	42	0	0
	Rivers	HIGH	7	5992370		27263	38085	15782	12825	34743	5512	5648	14371	12505
	Total	LOW	16	6299662		2600	0	2047	2161	44	0	142	70	0
	Total	HIGH	16	6299662		35595	46630	19429	15637	44622	8327	8883	17315	15214
E24	Industrial	LOW	3	31466		0	0	0	0	0	0	5	0	0
	Industrial	HIGH	3	31466		942	1552	767	534	1971	559	653	573	532
	Sewage	LOW	2	76560		373	0	0	0	0	0	0	14	0
	Sewage	HIGH	2	76560		1653	2790	895	630	2170	620	779	753	601
	Rivers	LOW	7	908791		50	0	0	0	0	0	0	0	0
	Rivers	HIGH	7	908791		4881	8283	2623	1634	5374	1558	2055	2035	1537
	Total	LOW	12	1016818		422	0	0	0	0	0	5	14	0
	Total	HIGH	12	1016818		7476	12625	4285	2797	9516	2737	3487	3380	2670
E25	Industrial	LOW	2	24533		0	0	0	0	0	0	0	0	0
	Industrial	HIGH	2	24533		593	678	382	200	821	208	262	220	197
	Sewage	LOW	1	1598		0	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	1598		29	49	19	14	58	15	18	15	14
	Rivers	LOW	3	1837122		0	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	1837122		8518	12721	4582	3529	10122	3274	3875	4988	3385
	Total	LOW	6	1863253		0	0	0	0	0	0	0	0	0
	Total	HIGH	6	1863253		9141	13447	4983	3742	11001	3497	4155	5223	3595
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	5	3330782		0	0	0	0	0	0	0	0	0
	Rivers	HIGH	5	3330782		9842	14634	7365	5183	11154	2603	2903	5754	5093
	Total	LOW	5	3330782		0	0	0	0	0	0	0	0	0
	Total	HIGH	5	3330782		9842	14634	7365	5183	11154	2603	2903	5754	5093

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	PCB TOTAL g/year	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	HCB g/year	HCBD g/year
E27	Industrial	LOW	5	2179		0	0	0	0	0	0	0	0	0
	Industrial	HIGH	5	2179		2	2	2	2	2	2	10	2	2
	Sewage	LOW	1	33998		0	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	33998		178	37	37	37	37	37	168	37	37
	Rivers	LOW	3	3733604		519	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	3733604		4656	4323	4323	4323	4323	4449	31250	4323	4323
	Total	LOW	9	3769782		519	0	0	0	0	0	0	0	0
	Total	HIGH	9	3769782		4838	4363	4363	4363	4363	4489	31428	4363	4363
E28	Industrial	LOW	4	10800								0		
	Industrial	HIGH	4	10800								7884		
	Sewage	LOW	5	101800										
	Sewage	HIGH	5	101800										
	Rivers	LOW	4	5812444		71399	21	27	302	0	0	0	8375	22437
	Rivers	HIGH	4	5812444		71670	5150	68	674	109	37749	1268018	15012	30989
	Total	LOW	13	5925044		71399	21	27	302	0	0	0	8375	22437
	Total	HIGH	13	5925044		71670	5150	68	674	109	37749	1275902	15012	30989
E29	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	1450										
	Sewage	HIGH	1	1450										
	Rivers	LOW	6	4388273		32552	338	0	0	0		0	2066	72
	Rivers	HIGH	6	4388273		77142	43762	37825	40662	38611		2078373	9177	7291
	Total	LOW	7	4389723		32552	338	0	0	0		0	2066	72
	Total	HIGH	7	4388273		77142	43762	37825	40662	38611		2078373	9177	7291
E30	Industrial	LOW	1	33696										
	Industrial	HIGH	1	33696										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	4032971		12934	123	0	0	0		0	823	165
	Rivers	HIGH	2	4032971		54656	31258	25027	25027	28667		1111959	13130	14021
	Total	LOW	3	4066667		12934	123	0	0	0	0	0	823	165
	Total	HIGH	3	4066667		54656	31258	25027	25027	28667	0	1111959	13130	14021
TOTALS	Industrial	LOW	47	634688		1533	0	0	170	44	4164	6718	11500	457
	Industrial	HIGH	47	634688		9075	10816	5814	5258	12055	10773	17752	16280	11237
	Sewage	LOW	101	5163485	82714	231954	2535	352	5124	295	333	81063	3503	1829
	Sewage	HIGH	101	5163485	101323	245331	27368	11388	14186	22903	12583	383408	12487	18064
	Rivers	LOW	106	67400678	6442	190035	490	2967	9238	55	35006	245861	13602	22776
	Rivers	HIGH	107	67400678	24093	371773	253650	161366	168183	261884	186127	6361423	137075	190092
	Total	LOW	284	73198851	89156	423522	3028	3319	14833	394	39503	333641	28604	25061
	Total	HIGH	284	73198851	125416	826178	291833	178589	187827	296841	209483	6762583	165842	219393

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E2	Industrial	LOW	2	664		0	0	0	0	38	8		
	Industrial	HIGH	2	664		13	5	6	12	97	36		
	Sewage	LOW	3	564496		23103	0	0	0	254617	612503	0	
	Sewage	HIGH	3	564496		38244	7320	3153	14545	265490	623046	42249	
	Rivers	LOW	2	2291075		0	0	122	0	12360	32613	23442	
	Rivers	HIGH	2	2291075		17393	9079	9572	21286	30904	52051	129230	
	Total	LOW	7	2856234		23103	0	122	0	267015	645125	23442	
	Total	HIGH	7	2856234		55650	16404	12731	35843	298491	675133	171479	
E3	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	1	17844		0	0	0	0	2349	912	209	
	Sewage	HIGH	1	17844		595	215	1127	399	3307	1844	477	
	Rivers	LOW	1	643015		0	0	0	0	36874	7602	0	
	Rivers	HIGH	1	643015		12511	5743	5778	22930	37743	13644	46417	
	Total	LOW	2	660859		0	0	0	0	39223	8514	209	
	Total	HIGH	2	660859		13105	5958	6905	23329	41050	15488	46894	
E4	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	1	49766		0	0	0	0	3634	79	7125	
	Sewage	HIGH	1	49766		2100	623	1154	2936	4451	1437	8268	
	Rivers	LOW											
	Rivers	HIGH											
	Total	LOW	1	49766		0	0	0	0	3634	79	7125	
	Total	HIGH	1	49766		2100	623	1154	2936	4451	1437	8268	
E5	Industrial	LOW	4	152538		0	0	0	0	32169	10680	227770	992508
	Industrial	HIGH	4	152538		7408	3727	3816	5517	34467	14468	236804	5289726
	Sewage	LOW	4	170346	0	0	0	0	0	11948	8536	95654	
	Sewage	HIGH	4	170346	50	2221	5279	1926	5124	14462	11580	97247	
	Rivers	LOW	3	1530416		0	1839	55	0	17982	22515	3979	
	Rivers	HIGH	3	1530416		17263	8840	7388	30542	34441	43034	15683	
	Total	LOW	11	1853300	0	0	1839	55	0	62100	41731	327403	992508
	Total	HIGH	11	1853300	50	26892	17846	13130	41182	83370	69062	349734	5289726
E6	Industrial	LOW	1	24764									
	Industrial	HIGH	1	24764									
	Sewage	LOW	1	5700	0			0					
	Sewage	HIGH	1	5700	22			133					
	Rivers	LOW	1	196262						44729	44727	0	
	Rivers	HIGH	1	196262						44729	44727	20797	
	Total	LOW	3	226726	0			0		44729	44727	0	
	Total	HIGH	3	226726	22			133		44729	44727	20797	

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E7	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	1	25098	0								
	Sewage	HIGH	1	25098	98								
	Rivers	LOW											
	Rivers	HIGH											
	Total	LOW	1	25098	0								
	Total	HIGH	1	25098	98								
E7a	Industrial	LOW	10	132622	0	0	0	0	137	0	0	0	1298
	Industrial	HIGH	10	132622	117	9514	1564	4429	5924	45262	45262	4534	6486
	Sewage	LOW	9	305285	0	0	0	59	25	40160	22365	6805	671
	Sewage	HIGH	9	305285	1137	3288	2554	10656	3577	159813	78490	49611	703
	Rivers	LOW	9	9844890	0	2104	0	19615	0	604045	438487	199710	9125
	Rivers	HIGH	9	9844890	53448	94233	128777	67842	107622	718173	650148	564516	4448906
	Total	LOW	28	10282797	0	2104	0	19674	162	644205	460852	206514	11094
	Total	HIGH	28	10282797	54702	107035	132694	82927	117123	923248	773901	618662	4456097
E9	Industrial	LOW	2	3242	0					29	22		
	Industrial	HIGH	2	3242	12					30	24		
	Sewage	LOW	4	81373	0	0	0	0	61			5521	
	Sewage	HIGH	4	81373	166	215	2187	4679	641			5521	
	Rivers	LOW	7	691384	0					106206	44129	6303	94
	Rivers	HIGH	7	691384	126					106206	44243	7079	1220
	Total	LOW	13	775999	0	0	0	0	61	106235	44150	11825	94
	Total	HIGH	13	775999	304	215	2187	4679	641	106236	44266	12601	1220
E10	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	5	110545	0	0	0	0	189	7879	10448	3604	163220
	Sewage	HIGH	5	110545	182	1083	3391	7406	2725	8166	10448	3604	163220
	Rivers	LOW	6	721457	0					43058	13591	3787	4016
	Rivers	HIGH	6	721457	136					43058	13591	4711	4505
	Total	LOW	11	832002	0	0	0	0	189	50937	24039	7391	167236
	Total	HIGH	11	832002	317	1083	3391	7406	2725	51225	24039	8316	167725
E11	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	5	101705	0								
	Sewage	HIGH	5	101705	4								
	Rivers	LOW	3	45007	0					3252	777		
	Rivers	HIGH	3	45007	10					3252	849		
	Total	LOW	8	146711	0					3252	777		
	Total	HIGH	8	146711	15					3252	849		

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E12	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	8	2544180		0	0	0	79092	163055	528793	323359	121917
	Sewage	HIGH	8	2544180		9120	9120	9133	86212	166936	529924	331842	952022
	Rivers	LOW	2	3931177		0	0	0	0	81511	50768	50269	12443
	Rivers	HIGH	2	3931177		1803	3251	36970	1803	1749581	1718816	193211	574012
	Total	LOW	10	6475357		0	0	0	79092	244567	579561	373828	134360
	Total	HIGH	10	6475357		10923	12371	46104	88015	1916517	2248741	525052	1526034
E13	Industrial	LOW	7	104404	0	0	0	0	6912			370231	567
	Industrial	HIGH	7	104404	150	4871	26328	34411	11230			370231	610
	Sewage	LOW	5	145549	0							6639	
	Sewage	HIGH	5	145549	531							6639	
	Rivers	LOW	2	259050						27086	24512		
	Rivers	HIGH	2	259050						27086	25387		
	Total	LOW	14	509003	0	0	0	0	6912	27086	24512	376870	567
	Total	HIGH	14	509003	681	4871	26328	34411	11230	27086	25387	376870	610
E14	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	6	149770	0	0	0	0	3241				
	Sewage	HIGH	6	149770	359	2006	13135	25039	14679				
	Rivers	LOW	2	168060		0	0		2052	8018	15069		
	Rivers	HIGH	2	168060		1441	1474		3499	8018	15142		
	Total	LOW	8	317830	0	0	0	0	5294	8018	15069		
	Total	HIGH	8	317830	359	3447	14809	25039	18177	8018	15142		
E15	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	3	141511	0					5410	9576		
	Sewage	HIGH	3	141511	515					5410	9649		
	Rivers	LOW	1	133130						4245	640		
	Rivers	HIGH	1	133130						4245	1141		
	Total	LOW	4	274641	0					9654	10216		
	Total	HIGH	4	274641	515					9654	10790		
E16	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	3								0	1039	
	Sewage	HIGH	3								250	2068	
	Rivers	LOW	4			0		0		2888	0	3596	
	Rivers	HIGH	4			283		122		5311	948	25419	
	Total	LOW	7			0		0		2888	0	4635	
	Total	HIGH	7			283		122		5311	1198	27487	

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E17	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	7	78902	0	0	3109	0		196	131	3229	0
	Sewage	HIGH	7	78902	927	638	3719	917		1253	1216	4448	81090
	Rivers	LOW	4	3500886	0	0	0	0		700	0	3468	
	Rivers	HIGH	4	3500886	22517	17982	17982	10777		35355	35644	50945	
	Total	**LOW**	**11**	**3579788**	**0**	**0**	**3109**	**0**	**0**	**895**	**131**	**6697**	**0**
	Total	**HIGH**	**11**	**3579788**	**23444**	**18620**	**21701**	**11694**	**0**	**36608**	**36860**	**55393**	**81090**
E18	Industrial	LOW	1	1250									
	Industrial	HIGH	1	1250									
	Sewage	LOW	10	138053	0	0	86	0		234	231	467	607
	Sewage	HIGH	10	138053	1307	992	633	956		1390	1330	2822	44284
	Rivers	LOW	11	3455234	0	0	747	0		0	0	163	
	Rivers	HIGH	11	3455233	16816	13557	10269	7337		19881	19881	29303	
	Total	**LOW**	**22**	**3594537**	**0**	**0**	**833**	**0**		**234**	**231**	**630**	**607**
	Total	**HIGH**	**22**	**3594536**	**16122**	**14549**	**10902**	**8292**		**21271**	**21210**	**32125**	**44284**
E19	Industrial	LOW	1	3420									
	Industrial	HIGH	1	3420									
	Sewage	LOW	4	21347	0							40	0
	Sewage	HIGH	4	21347	230							302	8327
	Rivers	LOW	3	260429	0							8	
	Rivers	HIGH	3	260429	1086							61	
	Total	**LOW**	**8**	**285195**	**0**							**48**	**0**
	Total	**HIGH**	**8**	**285195**	**1316**							**383**	**8327**
E20	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	2	21115	0								0
	Sewage	HIGH	2	21115	48								45621
	Rivers	LOW	3	2887044	0	0	0	0		0	0	1398	
	Rivers	HIGH	3	2887044	16364	11979	10688	10087		20667	20448	46086	
	Total	**LOW**	**5**	**2908159**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1398**	**0**
	Total	**HIGH**	**5**	**2908159**	**16411**	**11979**	**10688**	**10087**	**0**	**20667**	**20448**	**46086**	**45621**
E21	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	1							215		0	
	Sewage	HIGH	1							1075		1082	
	Rivers	LOW	3				1502			343	0	1528	
	Rivers	HIGH	3				1632			1428	1301	4828	
	Total	**LOW**	**4**				**1502**			**558**	**0**	**1528**	
	Total	**HIGH**	**4**				**1632**			**2503**	**1301**	**5910**	

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E22	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	3	37791	0	160	0	359	289	1655	2127	3294	0
	Sewage	HIGH	3	37791	70	287	897	726	368	2363	3289	57643	14884
	Rivers	LOW	2	6699197	0	11609	798	0	2009	444171	111307	264229	0
	Rivers	HIGH	2	6699197	16540	48835	41285	24451	25343	445604	113130	431306	2377399
	Total	**LOW**	**5**	**6736988**	**0**	**11769**	**798**	**359**	**2298**	**446828**	**113434**	**267523**	**0**
	Total	**HIGH**	**5**	**6736988**	**16610**	**49122**	**42182**	**25176**	**25711**	**447967**	**116419**	**488949**	**2392283**
E23	Industrial	LOW	4	109110	44	0	0	0		14	14	30204	
	Industrial	HIGH	4	109110	2142	896	896	527		1792	1748		
	Sewage	LOW	5	198182	0	0	0	0		0	0		
	Sewage	HIGH	5	198182	1956	1759	1759	835		3518	3518	40756	1464132
	Rivers	LOW	7	5992370	0	0	79	0		144	0	12625	0
	Rivers	HIGH	7	5992370	5735	8879	22720	5621		10968	17600	206387	21254998
	Total	**LOW**	**16**	**6299662**	**44**	**0**	**79**	**0**		**158**	**14**	**42830**	**0**
	Total	**HIGH**	**16**	**6299662**	**9834**	**11534**	**25374**	**6982**		**16277**	**22885**	**247143**	**22719130**
E24	Industrial	LOW	3	31466	0							10230	
	Industrial	HIGH	3	31466	763	358	328	302		609	628	10230	
	Sewage	LOW	2	76560	0	0	0	0		0	0		
	Sewage	HIGH	2	76560	979	136	136	136		271	271	9573	971894
	Rivers	LOW	7	908791	0	0	0	0		0	0	1881	0
	Rivers	HIGH	7	908791	2700	314	314	314		628	628	16734	1619021
	Total	**LOW**	**12**	**1016818**	**0**	**0**	**0**	**0**		**0**	**0**	**12112**	**0**
	Total	**HIGH**	**12**	**1016818**	**4442**	**808**	**778**	**752**		**1509**	**1527**	**36537**	**2590916**
E25	Industrial	LOW	2	24533	0	0	0	0		0	0		
	Industrial	HIGH	2	24533	326	537	477	166		864	894		
	Sewage	LOW	1	1598	0								
	Sewage	HIGH	1	1598	23								
	Rivers	LOW	3	1837122	0	0	0	0		0	0	0	3981
	Rivers	HIGH	3	1837122	5194	2386	4224	1659		3156	4296	56197	6412875
	Total	**LOW**	**6**	**1863253**	**0**	**0**	**0**	**0**		**0**	**0**	**0**	**3981**
	Total	**HIGH**	**6**	**1863253**	**5544**	**2923**	**4701**	**1825**		**4019**	**5189**	**56197**	**6412875**
E26	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW											
	Sewage	HIGH											
	Rivers	LOW	5	3330782	0	0	0	0		0	0	0	0
	Rivers	HIGH	5	3330782	3712	4815	3138	1630		3930	4601	6892697	23937572
	Total	**LOW**	**5**	**3330782**	**0**	**0**	**0**	**0**		**0**	**0**	**0**	**0**
	Total	**HIGH**	**5**	**3330782**	**3712**	**4815**	**3138**	**1630**		**3930**	**4601**	**6892697**	**23937572**

ANNEX 1A High and Low Loads Summary: 1990

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Malathion g/year	Azinphos methyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro ethane g/year
E27	Industrial	LOW	5	2179	0	0	0	0		0	0		
	Industrial	HIGH	5	2179	3	1	1	1		3	2		
	Sewage	LOW	1	33998	0							0	
	Sewage	HIGH	1	33998	70							50630	
	Rivers	LOW	3	3733604	0	448	0	0		0	0	0	0
	Rivers	HIGH	3	3733604	8767	3612	3612	3422		7223	7223	12925985	16569487
	Total	**LOW**	**9**	**3769782**	**0**	**448**	**0**	**0**		**0**	**0**	**0**	**0**
	Total	**HIGH**	**9**	**3769782**	**8840**	**3613**	**3613**	**3423**		**7226**	**7225**	**12976616**	**16569487**
E28	Industrial	LOW	4	10800									93294
	Industrial	HIGH	4	10800									106434
	Sewage	LOW	5	101800									
	Sewage	HIGH	5	101800									
	Rivers	LOW	4	5812444	0	0				49618	4352	109919	0
	Rivers	HIGH	4	5812444	5528	69931				344042	291829	109919	6340088
	Total	**LOW**	**13**	**5925044**	**0**	**0**				**49618**	**4352**	**109919**	**93294**
	Total	**HIGH**	**13**	**5925044**	**5528**	**69931**				**344042**	**291829**	**109919**	**6446522**
E29	Industrial	LOW											
	Industrial	HIGH											
	Sewage	LOW	1	1450									
	Sewage	HIGH	1	1450									
	Rivers	LOW	6	4388273		0				140952	80232	123791	199229
	Rivers	HIGH	6	4388273		13624				426729	366817	155848	13356010
	Total	**LOW**	**7**	**4389723**		**0**				**140952**	**80232**	**123791**	**199229**
	Total	**HIGH**	**7**	**4388273**		**13624**				**426729**	**366817**	**155848**	**13356010**
E30	Industrial	LOW	1	33696									
	Industrial	HIGH	1	33696									
	Sewage	LOW											
	Sewage	HIGH											
	Rivers	LOW	2	4032971								185422	0
	Rivers	HIGH	2	4032971								210613	5559797
	Total	**LOW**	**3**	**4066667**								**185422**	**0**
	Total	**HIGH**	**3**	**4066667**								**210613**	**5559797**
TOTALS	Industrial	LOW	47	634688	44	0	0	0	7050	32250	10724	638435	1087668
	Industrial	HIGH	47	634688	3512	23599	33326	43659	22683	83123	63062	621800	5403258
	Sewage	LOW	101	5163485	0	23263	3194	418	82897	491352	1195701	456984	286415
	Sewage	HIGH	101	5163485	8673	62682	50966	67975	131206	637906	1276291	714782	3746178
	Rivers	LOW	106	67400678	0	14160	4966	19792	4061	1628183	891322	995520	228888
	Rivers	HIGH	107	67400678	158680	340841	273027	192969	213024	4132358	3507119	22150853	102455891
	Total	**LOW**	**284**	**73198851**	**44**	**37424**	**8160**	**20211**	**94008**	**2151785**	**2097748**	**2090940**	**1602971**
	Total	**HIGH**	**284**	**73198851**	**170853**	**427122**	**357319**	**304603**	**366913**	**4853387**	**4846472**	**23487435**	**111605327**

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E2	Industrial	LOW	2	928	1	2	6	1045	69			3	14	0
	Industrial	HIGH	2	928	1	2	6	1045	70			7	15	3
	Sewage	LOW	1	370273	31	624	10674	43930	5460			0	0	502
	Sewage	HIGH	1	370273	32	684	10674	43930	5460			2168	1217	502
	Rivers	LOW	2	3653416	322	469	4183	179058	53457			3849	7622	9
	Rivers	HIGH	2	3653416	322	471	4183	179058	166889			4304	7943	23792
	TOTAL	LOW	5	4024617	354	1095	14863	224033	58987			3851	7636	511
	TOTAL	HIGH	5	4024617	355	1157	14863	224033	172419			8478	9174	24297
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	19563	2	45	73	513	31			35	98	2
	Sewage	HIGH	1	19563	2	54	76	513	117			110	109	19
	Rivers	LOW	1	1174852	93	35	926	34286	3226			470	7448	26
	Rivers	HIGH	1	1174852	93	712	926	34286	8310			493	7448	4015
	TOTAL	LOW	2	1194415	95	80	999	34799	3257			505	7546	28
	TOTAL	HIGH	2	1194415	95	766	1002	34799	8427			603	7557	4034
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	97432	12	38	4942	7074	1353			554	351	
	Sewage	HIGH	1	97432	12	61	4942	7074	1435			829	378	
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	97432	12	38	4942	7074	1353			554	351	
	TOTAL	HIGH	1	97432	12	61	4942	7074	1435			829	378	
E5	Industrial	LOW	4	157787	33	99	73510	48192	3073			48906	4725	3395
	Industrial	HIGH	4	157787	33	218	73513	48192	3447			48906	4741	3745
	Sewage	LOW	4	136481	19	56	6345	23538	1073			445	726	18
	Sewage	HIGH	4	136481	19	141	6345	23538	1574			1003	978	168
	Rivers	LOW	3	2270949	172	104	4688	40934	8472			1270	2360	113
	Rivers	HIGH	3	2270949	172	116	4690	40934	8472			1303	2434	7213
	TOTAL	LOW	11	2565217	224	258	84543	112664	12817			50821	7811	3526
	TOTAL	HIGH	11	2565217	224	474	84549	112664	13493			51213	8153	11126
E6	Industrial	LOW	1	23653	10	0	2801	1675	797			1505	2320	70
	Industrial	HIGH	1	23653	11	21	2801	1675	1010			1505	2324	100
	Sewage	LOW	2	24828	0	3	532	1378	360					
	Sewage	HIGH	2	24828	3	6	532	1378	360					
	Rivers	LOW	1	302522	0	0	241	3173	148			151	311	0
	Rivers	HIGH	1	302522	33	55	242	3199	220			211	664	445
	TOTAL	LOW	4	351002	11	3	3573	6226	1306			1656	2631	70
	TOTAL	HIGH	4	351002	46	82	3574	6252	1591			1716	2988	545

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24432	0	3	832	1754	259					
	Sewage	HIGH	1	24432	3	6	832	1754	259					
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	24432	0	3	832	1754	259					
	TOTAL	HIGH	1	24432	3	6	832	1754	259					
E7a	Industrial	LOW	11	106330	22	626	18874	480528	23013			199417	11978	135571
	Industrial	HIGH	11	106330	22	637	18890	480529	23817			199446	11983	135574
	Sewage	LOW	10	183087	4	42	3394	9132	1457			14626	901	137
	Sewage	HIGH	10	183087	17	51	3394	9132	1459			14626	972	293
	Rivers	LOW	9	16335556	2	847	57573	312106	120103	0	0	29292	79137	11586
	Rivers	HIGH	9	16335556	1449	3327	61117	313814	120961	6	6	31419	95076	30161
	TOTAL	LOW	30	16824972	27	1516	79841	801767	144573	0	0	243235	92016	147294
	TOTAL	HIGH	30	16824972	1488	4015	89402	803475	146236	6	6	245491	108031	166029
E9	Industrial	LOW	3	3745	0	0	2	14	11			8	6	
	Industrial	HIGH	3	3745	0	0	2	14	11			8	6	
	Sewage	LOW	5	84354	2	1	161	970	67			291	180	
	Sewage	HIGH	5	84354	2	3	163	970	74			296	183	
	Rivers	LOW	9	2030404	41	27	2620	9328	771			2804	5410	1074
	Rivers	HIGH	9	2030404	57	78	2681	9335	1037			2846	5410	1079
	TOTAL	LOW	17	2118503	43	28	2782	10311	849			3103	5596	1074
	TOTAL	HIGH	17	2118503	60	81	2847	10318	1122			3150	5598	1079
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	91890	5	20	1719	5751	492			17589	1285	
	Sewage	HIGH	4	91890	6	21	1719	5751	492			17589	1286	
	Rivers	LOW	8	1300868	76	13	1273	3387	481			1668	2044	705
	Rivers	HIGH	8	1300868	89	54	1326	3414	738			1771	2060	751
	TOTAL	LOW	12	1392759	81	33	2992	9138	973			19257	3329	705
	TOTAL	HIGH	12	1392759	95	75	3046	9165	1230			19360	3346	751
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	76342	1	4	678	1580	261			319	1289	
	Sewage	HIGH	5	76342	1	5	678	1580	263			320	1289	
	Rivers	LOW	3	246629	4	3	398	1350	153			319	401	156
	Rivers	HIGH	3	246629	6	12	398	1350	183			330	401	159
	TOTAL	LOW	8	322970	5	7	1076	2930	414			637	1690	156
	TOTAL	HIGH	8	322970	7	17	1076	2930	446			650	1690	159

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2765160	25	58	7818	72241	9044			1051	7411	362
	Sewage	HIGH	8	2765160	112	534	11349	73053	11165			10139	20673	4927
	Rivers	LOW	3	2183499	22	69	6692	27979	1645			13	3055	13
	Rivers	HIGH	3	2183499	98	249	8380	28657	4645			6429	10473	4975
	TOTAL	LOW	11	4948659	47	127	14511	100220	10689			1064	10466	375
	TOTAL	HIGH	11	4948659	210	783	19728	101710	15810			16568	31146	9901
E13	Industrial	LOW	5	47312										
	Industrial	HIGH	5	47312										
	Sewage	LOW	6	129406		1	229	410	78			71	184	
	Sewage	HIGH	6	129406		1	229	410	78			71	184	
	Rivers	LOW	2	682884										
	Rivers	HIGH	2	682884										
	TOTAL	LOW	13	859602		1	229	410	78			71	184	
	TOTAL	HIGH	13	859602		1	229	410	78			71	184	
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161175		24	3400	5532	1744			1364	816	
	Sewage	HIGH	5	161175		26	3400	5532	1745			1365	822	
	Rivers	LOW	2	441605		4	741	947	356			443	811	
	Rivers	HIGH	2	441605		13	741	947	414			461	811	
	TOTAL	LOW	7	602780		28	4141	6480	2100			1806	1627	
	TOTAL	HIGH	7	602780		39	4141	6480	2159			1826	1633	
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	165630		57	1668	1864	599			197	166	
	Sewage	HIGH	3	165630		57	1670	1864	601			201	166	
	Rivers	LOW	1	532685										
	Rivers	HIGH	1	532685										
	TOTAL	LOW	4	698315		57	1668	1864	599			197	166	
	TOTAL	HIGH	4	698315		57	1670	1864	601			201	166	
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66044		4	782	1808	240					
	Sewage	HIGH	3	66044		11	848	1808	247					
	Rivers	LOW	4	2828922	13	16	2547	20991	1148			1222	1634	67
	Rivers	HIGH	4	2828922	15	187	2940	21100	2074			1929	2347	1497
	TOTAL	LOW	7	2894966	13	20	3330	22799	1388			1222	1634	67
	TOTAL	HIGH	7	2894966	15	199	3788	22908	2321			1929	2347	1497

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	130024	1	13	1547	3457	730			315	247	118
	Sewage	HIGH	7	130024	1	19	1551	3457	741			349	266	164
	Rivers	LOW	6	3608352	6	112	3400	21323	2016			1045	1311	810
	Rivers	HIGH	6	3608352	12	309	3768	21470	3333			1845	2441	1758
	TOTAL	LOW	13	3738376	7	124	4947	24780	2745			1361	1558	928
	TOTAL	HIGH	13	3738376	14	328	5319	24927	4074			2194	2707	1922
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	9	102038	1	134	757	3065	332			140	210	68
	Sewage	HIGH	9	102038	1	139	757	3093	338			169	231	99
	Rivers	LOW	16	3969705	14	423	27698	153681	2255			869	3371	5208
	Rivers	HIGH	16	3969705	21	583	27836	153703	3468			2172	4545	5520
	TOTAL	LOW	26	4072993	14	557	28454	156746	2587			1009	3581	5278
	TOTAL	HIGH	26	4072993	22	721	28593	156796	3806			2341	4776	5619
E19	Industrial	LOW	1	3420	0	1	3538	401	11			3	18	17
	Industrial	HIGH	1	3420	0	1	3538	401	12			6	18	17
	Sewage	LOW	4	17973	0	6	327	3742	180			299	113	41
	Sewage	HIGH	4	17973	0	7	327	3742	181			305	114	44
	Rivers	LOW	5	829256	3	229	9507	57712	506			130	1981	1338
	Rivers	HIGH	5	829256	5	258	9573	57726	884			444	2222	1473
	TOTAL	LOW	10	850649	4	236	13373	61854	699			432	2111	1396
	TOTAL	HIGH	10	850649	5	266	13438	61868	1076			754	2354	1535
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	23312	0	2	264	1417	211			203	70	22
	Sewage	HIGH	2	23312	0	3	264	1417	211			209	75	27
	Rivers	LOW	3	3054500	7	50	8481	34536	1183			941	2285	5877
	Rivers	HIGH	3	3054500	13	161	8644	34604	1925			1346	2563	6281
	TOTAL	LOW	5	3077813	7	52	8744	35953	1394			1144	2355	5899
	TOTAL	HIGH	5	3077813	13	164	8908	36020	2137			1555	2637	6308
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	23760	1	14	1344	1625	391			232	186	32
	Sewage	HIGH	1	23760	1	35	1344	1625	906			257	191	36
	Rivers	LOW	3	1117864	1	67	2017	7867	943			640	644	721
	Rivers	HIGH	3	1117864	34	103	2040	7867	1224			876	976	923
	TOTAL	LOW	4	1141624	2	81	3361	9493	1334			872	831	753
	TOTAL	HIGH	4	1141624	35	138	3384	9493	2130			1132	1167	959

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E22	Industrial	LOW	1	628	0	0	7	122	2			401	27	3
	Industrial	HIGH	1	628	0	0	7	122	2			402	28	3
	Sewage	LOW	3	227851	12	6204	3845	78449	6329			23182	2611	955
	Sewage	HIGH	3	227851	14	6217	3845	78449	6350			23237	2611	975
	Rivers	LOW	2	9722376	57	209	7124	71021	8283	0	0	2553	4529	144
	Rivers	HIGH	2	9722376	312	1425	31487	72762	18750	24	24	7096	16769	19433
	TOTAL	LOW	6	9950854	69	6414	10975	149591	14614	0	0	26136	7157	1102
	TOTAL	HIGH	6	9950854	326	7643	35338	151133	25102	24	24	30735	19407	20410
E23	Industrial	LOW	4	1852260	9	34	3664	17142	1098					
	Industrial	HIGH	4	1852260	11	108	8350	17142	1607					
	Sewage	LOW	4	225050	5	80	3152	11764	2230					
	Sewage	HIGH	4	225050	5	83	3152	11764	2230					
	Rivers	LOW	7	11249376	31	119	27584	68690	11226			12272	2708	7355
	Rivers	HIGH	7	11249376	211	592	28504	68818	12612			13901	4970	12439
	TOTAL	LOW	15	13326686	45	233	34289	97696	14554			12272	2708	7355
	TOTAL	HIGH	15	13326686	227	783	40006	97725	16449			13901	4970	12439
E24	Industrial	LOW	6	77914	10	37	1093	402950	3530					
	Industrial	HIGH	6	77914	10	40	1108	402952	3539					
	Sewage	LOW	4	140663	1	12	1225	4661	1499					
	Sewage	HIGH	4	140663	1	18	1227	4661	1511					
	Rivers	LOW	9	2805609	14	247	4984	61064	1402			46	125	36
	Rivers	HIGH	9	2805609	103	432	5259	61097	4644			67	140	60
	TOTAL	LOW	19	3024186	24	296	7302	468675	6432			46	125	36
	TOTAL	HIGH	19	3024186	113	490	7595	468710	9695			67	140	60
E25	Industrial	LOW	3	20640	1	9	257	994	140					
	Industrial	HIGH	3	20640	1	9	257	994	141					
	Sewage	LOW	3	105634	1	18	796	3491	990					
	Sewage	HIGH	3	105634	1	23	796	3491	997					
	Rivers	LOW	5	4037084	8	20	3917	22522	1776			983	345	565
	Rivers	HIGH	5	4037084	47	285	4550	22627	3381			1886	1379	2332
	TOTAL	LOW	11	4163358	9	47	4970	27007	2906			983	345	585
	TOTAL	HIGH	11	4163358	48	317	5603	27112	4519			1886	1379	2332
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	6339	0	0	68	187	60			5	9	5
	Sewage	HIGH	1	6339	0	1	68	187	60			17	20	6
	Rivers	LOW	6	5121539	17	99	3413	90226	5183			1279	327	434
	Rivers	HIGH	6	5121539	78	868	5088	90300	9908			2532	1527	2477
	TOTAL	LOW	7	5127877	17	100	3481	90413	5243			1284	335	439
	TOTAL	HIGH	7	5127877	78	869	5156	90487	9968			2549	1547	2483

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E27	Industrial	LOW	6	16129	0	1	98	1618	23					
	Industrial	HIGH	6	16129	1	21	157	1618	160					
	Sewage	LOW	3	41781	0	2	142	892	61					
	Sewage	HIGH	3	41781	2	30	246	951	216					
	Rivers	LOW	3	4329824	0	1920	4448	35762	5613			304	720	0
	Rivers	HIGH	3	4329824	159	3040	9216	35762	14436			10819	11290	3168
	TOTAL	LOW	12	4387733	0	1923	4688	38272	5697			304	720	0
	TOTAL	HIGH	12	4387733	161	3091	9619	38332	14812			10819	11290	3168
E28	Industrial	LOW	12	41930	1455	25	2104	3309	216			3590	174	1144
	Industrial	HIGH	12	41930	1957	220	2554	3318	522			3903	1220	1144
	Sewage	LOW	6	164806		251	3259	10509	1723					
	Sewage	HIGH	6	164806		251	3259	10509	2010					
	Rivers	LOW	9	3296396	310	396	13174	58492	10446			12494	10346	
	Rivers	HIGH	9	3296396	311	400	13174	58492	11033			12494	10438	
	TOTAL	LOW	27	3503132	1765	672	18537	72310	12388			16083	10820	1144
	TOTAL	HIGH	27	3503132	2269	871	18986	72319	13564			16397	11658	1144
E29	Industrial	LOW	3	23000	219	10	812	4766	88			439	124	
	Industrial	HIGH	3	23000	219	36	812	4766	171			457	182	
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	10	7004007	94	1243	9342	53693	10524			10849	8836	
	Rivers	HIGH	10	7004007	107	1245	9383	54141	13666			21382	8883	
	TOTAL	LOW	13	7027007	313	1253	10155	58459	10612			11288	8959	
	TOTAL	HIGH	13	7027007	326	1280	10195	58907	13838			21838	9065	
E30	Industrial	LOW	1	34010	58	8200	18200	133300	145			104196	16637	919
	Industrial	HIGH	1	34010	58	8200	18200	133300	145			104196	16637	919
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	6	7420600	209	1494	6539	46469	13276			14177	3893	
	Rivers	HIGH	6	7420600	216	1494	6539	46624	16142			25170	4109	
	TOTAL	LOW	7	7454610	267	9694	24739	179769	13421			118373	20529	919
	TOTAL	HIGH	7	7454610	274	9694	24739	179924	16287			129368	20746	919
TOTALS	Industrial	LOW	64	2410935	1818	9044	124964	1096054	32216			358468	36021	141119
	Industrial	HIGH	64	2410935	2324	9515	130194	1096066	34653			358835	37154	141504
	Sewage	LOW	106	5605327	124	7716	59975	300734	37255			60919	16853	2262
	Sewage	HIGH	106	5605327	235	8486	63687	301633	41081			73259	31765	7260
	Rivers	LOW	138	101551278	1513	8213	213510	1416599	264593	0	0	100082	151654	36237
	Rivers	HIGH	138	101551278	3963	16467	252687	1422090	429348	30	30	153525	207315	129951
	TOTAL	LOW	305	109567540	3455	24973	398448	2813387	334064	0	0	519469	204528	179818
	TOTAL	HIGH	305	109567540	6521	34467	446568	2819788	505082	30	30	585620	276234	278715

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E2	Industrial	LOW	2	928	0	0	0	0	0	0	0	0	0	
	Industrial	HIGH	2	928	0	1	1	1	1	1	1	1	1	
	Sewage	LOW	1	370273		0	0	0	0	0	0	0	0	
	Sewage	HIGH	1	370273		270	270	270	270	270	270	270	270	
	Rivers	LOW	2	3653416	1	0	0	0	0	0	0	0	0	
	Rivers	HIGH	2	3653416	7	2667	2667	2667	2667	2667	2667	2667	2667	
	TOTAL	LOW	5	4024617	1	0	0	0	0	0	0	0	0	
	TOTAL	HIGH	5	4024617	7	2938	2938	2938	2938	2938	2938	2938	2938	
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	19563		0	0	0	0	0	0	0	0	
	Sewage	HIGH	1	19563		14	14	14	14	14	14	14	14	
	Rivers	LOW	1	1174852	0	0	0	0	0	0	0	0	0	
	Rivers	HIGH	1	1174852	2	858	858	858	858	858	858	858	858	
	TOTAL	LOW	2	1194415	0	0	0	0	0	0	0	0	0	
	TOTAL	HIGH	2	1194415	2	872	872	872	872	872	872	872	872	
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	97432	94	0	0	0	0	0	0	0	0	
	Sewage	HIGH	1	97432	94	71	71	71	71	71	71	71	71	
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	97432	94	0	0	0	0	0	0	0	0	
	TOTAL	HIGH	1	97432	94	71	71	71	71	71	71	71	71	
E5	Industrial	LOW	4	157787	20	0	0	0	0	0	0	0	0	
	Industrial	HIGH	4	157787	20	115	115	115	115	115	115	115	115	
	Sewage	LOW	4	136481	42	0	0	0	0	0	0	0	0	
	Sewage	HIGH	4	136481	42	100	100	100	100	100	100	100	100	
	Rivers	LOW	3	2270949	1	0	0	0	0	0	0	0	0	
	Rivers	HIGH	3	2270949	4	1658	1658	1658	1658	1658	1658	1658	1658	
	TOTAL	LOW	11	2565217	63	0	0	0	0	0	0	0	0	
	TOTAL	HIGH	11	2565217	67	1873	1873	1873	1873	1873	1873	1873	1873	
E6	Industrial	LOW	1	23653		0	0	0	0	0	0	0		0
	Industrial	HIGH	1	23653		43	43	43	43	43	43	43		43
	Sewage	LOW	2	24828	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	2	24828	0	45	45	45	45	45	45	45		45
	Rivers	LOW	1	302522	0								0	12
	Rivers	HIGH	1	302522	28								212	122
	TOTAL	LOW	4	351002	0	0	0	0	0	0	0	0	0	12
	TOTAL	HIGH	4	351002	28	88	88	88	88	88	88	88	212	211

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24432	2	0	0	0	0	0	0	0		0
	Sewage	HIGH	1	24432	2	54	54	49	49	49	49	49		48
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	24432	2	0	0	0	0	0	0	0		0
	TOTAL	HIGH	1	24432	2	54	54	49	49	49	49	49		48
E7a	Industrial	LOW	11	106330	3	0	0	0	0	0	0	0		0
	Industrial	HIGH	11	106330	4	115	115	115	115	115	115	115		246
	Sewage	LOW	10	183087	58	24	0	0	0	0	0	0	0	268
	Sewage	HIGH	10	183087	58	323	310	310	310	310	310	310	101	620
	Rivers	LOW	9	16335556	351	0	0	256	0	0	0	44	0	8672
	Rivers	HIGH	9	16335556	534	29684	29684	29831	29610	29684	29684	29708	13778	31645
	TOTAL	LOW	30	16824972	412	24	0	256	0	0	0	44	0	8941
	TOTAL	HIGH	30	16824972	595	30122	30109	30256	30035	30109	30109	30133	13878	32512
E9	Industrial	LOW	3	3745		0	0	0	0	0	0	0		0
	Industrial	HIGH	3	3745		5	5	5	5	5	4	5		14
	Sewage	LOW	5	84354	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	5	84354	0	202	202	202	202	202	202	202		162
	Rivers	LOW	9	2030404	0	0	0	0	0	0	0	0		12
	Rivers	HIGH	9	2030404	2	2903	2903	2905	2903	2903	2903	2698		587
	TOTAL	LOW	17	2116503	0	0	0	0	0	0	0	0		12
	TOTAL	HIGH	17	2116503	2	3110	3110	3112	3110	3110	3109	2905		763
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	91890	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	4	91890	0	180	180	180	180	180	180	180		261
	Rivers	LOW	8	1300868	0	0	0	0	0	0	0	0		0
	Rivers	HIGH	8	1300868	2	2158	2158	2158	2158	2158	2158	2105		432
	TOTAL	LOW	12	1392759	0	0	0	0	0	0	0	0		0
	TOTAL	HIGH	12	1392759	2	2338	2338	2338	2338	2338	2338	2285		692
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	76342	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	5	76342	0	126	126	126	126	126	126	126		130
	Rivers	LOW	3	246629	0	0	0	0	0	0	0	0		0
	Rivers	HIGH	3	246629	0	453	453	453	453	453	453	453		91
	TOTAL	LOW	8	322970	0	0	0	0	0	0	0	0		0
	TOTAL	HIGH	8	322970	0	580	580	580	580	580	580	580		221

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2765160		0	0	0	0	0	0	0	0	83326
	Sewage	HIGH	8	2765160		7494	7494	7494	7494	7494	7496	7496	52470	83326
	Rivers	LOW	3	2183499	0	0	0	0	0	0	0	0	0	23915
	Rivers	HIGH	3	2183499	0	5178	5178	5178	5178	5178	5323	5178	37581	23920
	TOTAL	LOW	11	4948659	0	0	0	0	0	0	0	0	0	107241
	TOTAL	HIGH	11	4948659	0	12672	12672	12672	12672	12672	12819	12674	90050	107247
E13	Industrial	LOW	5	47312		0	0	0	0	0	0	0		
	Industrial	HIGH	5	47312		36	36	36	36	36	36	36		
	Sewage	LOW	6	129406		0	0	0	0	0	0	0		
	Sewage	HIGH	6	129406		433	433	433	433	433	433	433		
	Rivers	LOW	2	682884										
	Rivers	HIGH	2	682884										
	TOTAL	LOW	13	859602		0	0	0	0	0	0	0		
	TOTAL	HIGH	13	859602		469	469	469	469	469	469	469		
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161175		0	0	0	0	0	0	0		
	Sewage	HIGH	5	161175		491	491	491	491	491	491	491		
	Rivers	LOW	2	441605	0									
	Rivers	HIGH	2	441605	1									
	TOTAL	LOW	7	602780	0	0	0	0	0	0	0	0		
	TOTAL	HIGH	7	602780	1	491	491	491	491	491	491	491		
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	165630	2	0	0	0	0	0	0	0		
	Sewage	HIGH	3	165630	2	605	605	605	605	605	605	605		
	Rivers	LOW	1	532685	0									
	Rivers	HIGH	1	532685	1									
	TOTAL	LOW	4	698315	2	0	0	0	0	0	0	0		
	TOTAL	HIGH	4	698315	3	605	605	605	605	605	605	605		
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66044									0	0
	Sewage	HIGH	3	66044									791	52
	Rivers	LOW	4	2828922		0	0	0	0	0	0	0	0	
	Rivers	HIGH	4	2828922		3382	3382	3382	3382	3382	3382	3382	1994	
	TOTAL	LOW	7	2894966		0	0	0	0	0	0	0	0	0
	TOTAL	HIGH	7	2894966		3382	3382	3382	3382	3382	3382	3382	2785	52

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	130024	2	0	0	0	0	0	0	16		
	Sewage	HIGH	7	130024	2	813	815	815	810	815	813	810		
	Rivers	LOW	6	3608352	3	0	0	0	0	0	0	0		
	Rivers	HIGH	6	3608352	7	25779	25808	25808	25750	25808	25779	25750		
	TOTAL	LOW	13	3738376	5	0	0	0	0	0	0	16		
	TOTAL	HIGH	13	3738376	9	26592	26624	26624	26560	26624	26592	26560		
E18	Industrial	LOW	1	1250	7									
	Industrial	HIGH	1	1250	7									
	Sewage	LOW	9	102038	0	0	0	0	0	0	0	0		
	Sewage	HIGH	9	102038	0	602	603	603	601	602	603	601		
	Rivers	LOW	16	3969705	4	0	0	0	0	0	0	236		
	Rivers	HIGH	16	3969705	6	27247	27302	27302	27191	27302	27247	27191		
	TOTAL	LOW	26	4072993	11	0	0	0	0	0	0	236		
	TOTAL	HIGH	26	4072993	14	27848	27905	27905	27792	27904	27849	27792		
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17973		0	0	0	0	0	0	0		
	Sewage	HIGH	4	17973		108	108	108	107	108	108	107		
	Rivers	LOW	5	829256		0	0	0	0	0	0	0		
	Rivers	HIGH	5	829256		6048	6058	6058	6039	6058	6048	6039		
	TOTAL	LOW	10	850649		0	0	0	0	0	0	0		
	TOTAL	HIGH	10	850649		6156	6165	6165	6146	6165	6156	6146		
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	23312		0	0	0	0	0	0	0		
	Sewage	HIGH	2	23312		59	59	59	58	59	59	58		
	Rivers	LOW	3	3054500	22	0	0	0	0	0	0	0		
	Rivers	HIGH	3	3054500	25	23362	23372	23372	23351	23372	23362	23351		
	TOTAL	LOW	5	3077813	22	0	0	0	0	0	0	0		
	TOTAL	HIGH	5	3077813	25	23420	23431	23431	23409	23431	23420	23409		
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	23760		0	0	0	0	0	0	0		
	Sewage	HIGH	1	23760		64	64	64	64	64	64	64		
	Rivers	LOW	3	1117864	1	0	0	0	0	0	0	0		
	Rivers	HIGH	3	1117864	2	2840	2859	2859	2822	2899	2859	2822		
	TOTAL	LOW	4	1141624	1	0	0	0	0	0	0	0		
	TOTAL	HIGH	4	1141624	2	2905	2923	2923	2886	2964	2923	2886		

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E22	Industrial	LOW	1	628		0	0	0	0	0	0	0		
	Industrial	HIGH	1	628		1	1	1	1	1	1	1		
	Sewage	LOW	3	227851	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	3	227851	0	2671	2671	2671	2671	2671	2671	2671		2320
	Rivers	LOW	2	9722376	2	0	0	0	0	0	0	0		3556
	Rivers	HIGH	2	9722376	12	23003	23003	23003	23003	23003	23003	23003		19339
	TOTAL	LOW	6	9950854	2	0	0	0	0	0	0	0		3556
	TOTAL	HIGH	6	9950854	13	25675	25675	25675	25675	25675	25675	25675		21659
E23	Industrial	LOW	4	1852260	1	29113	16163	23745	16421	24521	19062	11070		
	Industrial	HIGH	4	1852260	1	39198	26249	33831	27422	35522	29149	22890		
	Sewage	LOW	4	225050		0	0	0	0	0	0	0		
	Sewage	HIGH	4	225050		1823	1823	1823	1823	1823	1823	1823		
	Rivers	LOW	7	11249376	14	0	0	0	0	0	0	0		
	Rivers	HIGH	7	11249376	25	4606	4606	4613	4613	4613	4613	4613		
	TOTAL	LOW	15	13326686	15	29113	16163	23745	16421	24521	19062	11070		
	TOTAL	HIGH	15	13326686	26	45627	32978	40267	33858	41958	35585	29327		
E24	Industrial	LOW	6	77914	0	0	0	0	0	0	0	0		
	Industrial	HIGH	6	77914	0	326	326	326	326	326	326	1226		
	Sewage	LOW	4	140663		0	0	0	0	0	0	0		
	Sewage	HIGH	4	140663		579	579	579	579	579	579	579		
	Rivers	LOW	9	2805609	2	9	12	16	14	22	19	18		
	Rivers	HIGH	9	2805609	5	3232	3235	3240	3238	3246	3243	3242		
	TOTAL	LOW	19	3024186	2	9	12	16	14	22	19	18		
	TOTAL	HIGH	19	3024186	5	4137	4140	4144	4142	4150	4147	5046		
E25	Industrial	LOW	3	20640		0	0	0	0	0	0	0		
	Industrial	HIGH	3	20640		405	405	405	405	405	405	405		
	Sewage	LOW	3	105634	1	0	0	0	0	0	0	0		
	Sewage	HIGH	3	105634	1	679	679	679	679	679	679	679		
	Rivers	LOW	5	4037084	3	0	0	0	0	0	0	0		
	Rivers	HIGH	5	4037084	7	8998	8998	8998	8998	8998	8998	8998		
	TOTAL	LOW	11	4163358	4	0	0	0	0	0	0	0		
	TOTAL	HIGH	11	4163358	8	10082	10082	10082	10082	10082	10082	10082		
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	6339		0	0	0	0	0	0	0		
	Sewage	HIGH	1	6339		42	42	42	42	42	42	42		
	Rivers	LOW	6	5121539	11	0	0	0	0	0	0	0		
	Rivers	HIGH	6	5121539	15	5381	5381	5381	5381	5381	5381	5381		
	TOTAL	LOW	7	5127877	11	0	0	0	0	0	0	0		
	TOTAL	HIGH	7	5127877	15	5424	5424	5424	5424	5424	5424	5424		

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E27	Industrial	LOW	6	16129		0	0	0	0	0	0	0		
	Industrial	HIGH	6	16129		45	45	45	45	45	45	45		
	Sewage	LOW	3	41781		0	0	0	0	0	0	0		
	Sewage	HIGH	3	41781		95	95	95	95	95	95	95		
	Rivers	LOW	3	4329824	4	0	0	0	0	0	0	0		
	Rivers	HIGH	3	4329824	10	4850	4850	4850	4850	4850	4850	4850		
	TOTAL	LOW	12	4387733	4	0	0	0	0	0	0	0		
	TOTAL	HIGH	12	4387733	10	4990	4990	4990	4990	4990	4990	4990		
E28	Industrial	LOW	12	41930		12	24	8	5	9	12	4		
	Industrial	HIGH	12	41930		13	26	9	6	10	14	6		
	Sewage	LOW	6	164806		153		77		77	153	77		
	Sewage	HIGH	6	164806		153		77		77	153	77		
	Rivers	LOW	9	3296396	25						76			
	Rivers	HIGH	9	3296396	25						76			
	TOTAL	LOW	27	3503132	25	165	24	85	5	86	242	81		
	TOTAL	HIGH	27	3503132	25	167	26	86	6	87	243	83		
E29	Industrial	LOW	3	23000										
	Industrial	HIGH	3	23000										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	10	7004007		26744	7873	21267	19070	14369	12059	1074		
	Rivers	HIGH	10	7004007		26744	8364	21895	19641	14940	12687	2275		
	TOTAL	LOW	13	7027007		26744	7873	21267	19070	14369	12059	1074		
	TOTAL	HIGH	13	7027007		26744	8364	21895	19641	14940	12687	2275		
E30	Industrial	LOW	1	34010										
	Industrial	HIGH	1	34010										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	6	7420600		0								
	Rivers	HIGH	6	7420600		8092								
	TOTAL	LOW	7	7454610		0								
	TOTAL	HIGH	7	7454610		8092								
TOTALS	Industrial	LOW	64	2410935	32	29125	16187	23753	16426	24530	19074	11074	0	0
	Industrial	HIGH	64	2410935	32	40303	27367	34932	28520	36624	30253	24889	116	304
	Sewage	LOW	106	5605327	201	177	0	77	0	77	153	93	0	83595
	Sewage	HIGH	106	5605327	202	18095	17933	18006	17920	18005	18081	17999	53816	86965
	Rivers	LOW	138	101551278	445	26753	7884	21539	19084	14391	12155	1371	0	36168
	Rivers	HIGH	138	101551278	719	219124	192778	206470	203745	199413	197232	186223	58747	76136
	TOTAL	LOW	305	109567540	678	56055	24071	45368	35510	38997	31382	12538	0	119762
	TOTAL	HIGH	305	109567540	953	277522	238078	259408	250185	254041	245567	229110	112679	163404

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichloro benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E2	Industrial	LOW	2	928	0	0	0	0	0	0	11	169	0	
	Industrial	HIGH	2	928	0	1	1	1	1	17	182	765	223	
	Sewage	LOW	1	370273	17373	0	0	0	0	0	0	16894	0	0
	Sewage	HIGH	1	370273	17437	270	270	270	270	6757	13583	37166	27030	180
	Rivers	LOW	2	3653416	2937	0	0	0	0	0	0	361996	0	0
	Rivers	HIGH	2	3653416	4351	2667	2667	2667	2667	66675	20391	435126	70485	4018
	TOTAL	LOW	5	4024617	20310	0	0	0	0	0	11	379058	0	0
	TOTAL	HIGH	5	4024617	21788	2938	2938	2938	2938	73449	34156	473058	97738	4198
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	19563	885	0	0	0	0	0	714	408	0	0
	Sewage	HIGH	1	19563	887	14	14	14	14	357	1435	1428	1224	7
	Rivers	LOW	1	1174852	6165	0	0	0	0	0	0	0	1564	0
	Rivers	HIGH	1	1174852	6516	858	858	858	858	21441	6318	25355	20959	777
	TOTAL	LOW	2	1194415	7049	0	0	0	0	0	714	408	1564	0
	TOTAL	HIGH	2	1194415	7403	872	872	872	872	21798	7753	26783	22183	785
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	97432	973	0	0	0	0	0	0	126248	0	311
	Sewage	HIGH	1	97432	1002	71	71	71	71	1778	948	130989	7113	373
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	97432	973	0	0	0	0	0	0	126248	0	311
	TOTAL	HIGH	1	97432	1002	71	71	71	71	1778	948	130989	7113	373
E5	Industrial	LOW	4	157787	931	0	0	0	0	0	34900	37938	0	405
	Industrial	HIGH	4	157787	1646	115	115	115	115	2880	65765	305167	49256	1510
	Sewage	LOW	4	136481	724	0	0	0	0	0	2130	52631	236	168
	Sewage	HIGH	4	136481	777	100	100	100	100	2491	3157	116630	9233	305
	Rivers	LOW	3	2270949	760	0	0	0	0	0	0	435	242	0
	Rivers	HIGH	3	2270949	1678	1658	1658	1658	1658	41445	8642	75489	66337	1262
	TOTAL	LOW	11	2565217	2415	0	0	0	0	0	37030	91004	478	573
	TOTAL	HIGH	11	2565217	4101	1873	1873	1873	1873	46815	77564	497288	124826	3076
E6	Industrial	LOW	1	23653	3	0								
	Industrial	HIGH	1	23653	43	86								
	Sewage	LOW	2	24828	1186	0	0	57	0	0				9
	Sewage	HIGH	2	24828	1186	92	45	88	92	45				50
	Rivers	LOW	1	302522	136	0	0	0	0					0
	Rivers	HIGH	1	302522	158	262	116	116	233					42
	TOTAL	LOW	4	351002	1326	0	0	57	0	0				9
	TOTAL	HIGH	4	351002	1388	440	162	204	325	45				92

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichlore benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24432	1976	0	0	61	0	53				0
	Sewage	HIGH	1	24432	1976	95	45	88	95	94				49
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	24432	1976	0	0	61	0	53				0
	TOTAL	HIGH	1	24432	1976	95	45	88	95	94				49
E7a	Industrial	LOW	11	106330	0	0	0	0	0	0	0	9388	10313692	13116
	Industrial	HIGH	11	106330	114	410	65	113	220	110	17	10192	10314171	13192
	Sewage	LOW	10	183087	4506	0	0	232	0	0	0	2873989	1524798	104
	Sewage	HIGH	10	183087	4511	917	302	522	708	339	207393	2873989	1524798	52175
	Rivers	LOW	9	16335556	45270	1373	0	3902	0	7211	59665	117021	118010	1013
	Rivers	HIGH	9	16335556	66743	30085	24678	26835	29186	33091	184969	234070	128902	30146
	TOTAL	LOW	30	16824972	49776	1373	0	4134	0	7211	59665	3000398	11956500	14233
	TOTAL	HIGH	30	16824972	71388	31412	25045	27470	30115	33540	392378	3118251	11967871	95513
E9	Industrial	LOW	3	3745	208	0	0	0	0	0	0	404	2066	4
	Industrial	HIGH	3	3745	210	18	2	4	9	5	10	424	2070	5
	Sewage	LOW	5	84354	827	0	0	0	0	0	0			0
	Sewage	HIGH	5	84354	833	808	101	202	404	202	403902			100975
	Rivers	LOW	9	2030404	9190	0	0	219	0	1432	4	19594	8284	0
	Rivers	HIGH	9	2030404	9200	585	290	612	309	1808	1549	19867	9161	581
	TOTAL	LOW	17	2116503	10225	0	0	219	0	1432	4	19999	10350	4
	TOTAL	HIGH	17	2116503	10242	1410	394	818	722	2015	405461	20292	11232	101561
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	91890	1061	0	0	0	0	0	0	10787	21958	0
	Sewage	HIGH	4	91890	1081	707	88	184	354	177	360184	10787	21958	88379
	Rivers	LOW	8	1300868	3129	0	0	42	0	882	0	20088	19265	0
	Rivers	HIGH	8	1300868	3137	432	216	352	217	1159	1218	21363	20608	432
	TOTAL	LOW	12	1392759	4190	0	0	42	0	882	0	30875	41224	0
	TOTAL	HIGH	12	1392759	4218	1139	304	537	570	1335	361402	32150	42566	88811
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	76342	363	0	0	0	0	0	0			0
	Sewage	HIGH	5	76342	363	506	63	140	253	126	252901			63225
	Rivers	LOW	3	246629	1283	0	0	50	0	192	0	3270	3751	0
	Rivers	HIGH	3	246629	1285	126	45	105	45	246	260	3281	3909	91
	TOTAL	LOW	8	322970	1646	0	0	50	0	192	0	3270	3751	0
	TOTAL	HIGH	8	322970	1648	632	109	245	298	373	253162	3281	3909	63316

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichloro benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2765160	74498	0	370	427	0	0	198275	356217	785640	0
	Sewage	HIGH	8	2765160	74858	9900	10038	7750	9919	8797	198275	579859	842583	7656
	Rivers	LOW	3	2183499	15147	0	0	105	0	0	213654	783690	186936	0
	Rivers	HIGH	3	2183499	15946	6238	5458	5335	6274	4168	213673	836371	222452	5815
	TOTAL	LOW	11	4948659	89645	0	370	533	0	0	411929	1139907	972577	0
	TOTAL	HIGH	11	4948659	90804	16138	15497	13085	16193	12965	411948	1416230	1065035	13471
E13	Industrial	LOW	5	47312	21	0	0	0	0	0	0	2163	1797	0
	Industrial	HIGH	5	47312	43	146	19	37	73	36	92	2163	1797	217
	Sewage	LOW	6	129406	1905	0	0	0	0	0	0			0
	Sewage	HIGH	6	129406	2007	1580	218	476	866	447	894			223
	Rivers	LOW	2	682884										
	Rivers	HIGH	2	682884										
	TOTAL	LOW	13	859602	1926	0	0	0	0	0	0	2163	1797	0
	TOTAL	HIGH	13	859602	2051	1726	237	513	938	483	986	2163	1797	440
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161175	1851	0	0	0	0	0	0	22589	53519	0
	Sewage	HIGH	5	161175	1969	1965	246	529	982	491	982	22589	53519	246
	Rivers	LOW	2	441605										
	Rivers	HIGH	2	441605										
	TOTAL	LOW	7	602780	1851	0	0	0	0	0	0	22589	53519	0
	TOTAL	HIGH	7	602780	1969	1965	246	529	982	491	982	22589	53519	246
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	165630	3373	0	0	0	0	88	0	271876	19706	0
	Sewage	HIGH	3	165630	3434	2418	302	609	1209	648	1209	271964	19746	302
	Rivers	LOW	1	532685										
	Rivers	HIGH	1	532685										
	TOTAL	LOW	4	698315	3373	0	0	0	0	88	0	271876	19706	0
	TOTAL	HIGH	4	698315	3434	2418	302	609	1209	648	1209	271964	19746	302
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66044	1461		0	5	0					
	Sewage	HIGH	3	66044	2090		17	21	51					
	Rivers	LOW	4	2828922	1129		0	0	0		0	74317	31752	0
	Rivers	HIGH	4	2828922	5625		3403	3403	6806		3712	78750	36016	2621
	TOTAL	LOW	7	2894966	2590		0	5	0		0	74317	31752	0
	TOTAL	HIGH	7	2894966	7715		3420	3423	6856		3712	78750	36016	2621

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichloro benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	130024	2877	1	2	21	1	0	0	8207	6131	44
	Sewage	HIGH	7	130024	3626	826	827	844	1545	1008	1417	39571	40631	858
	Rivers	LOW	6	3608352	790	0	0	0	0	0	0			0
	Rivers	HIGH	6	3608352	26413	26560	26078	26074	52069	28297	36930			26246
	TOTAL	LOW	13	3738376	3667	1	2	21	1	0	0	8207	6131	44
	TOTAL	HIGH	13	3738376	30040	27387	26906	26918	53615	29305	38347	39571	40631	27104
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	9	102038	2939	0	0	91	1	0	0	1281	1878	84
	Sewage	HIGH	9	102038	3474	614	615	681	1170	671	1357	7824	6836	674
	Rivers	LOW	16	3969705	2134	0	0	2	2	0	0			0
	Rivers	HIGH	16	3969705	29111	27276	27046	27036	53914	29440	41122			27171
	TOTAL	LOW	26	4072993	5073	0	0	94	3	0	0	1281	1878	84
	TOTAL	HIGH	26	4072993	32586	27891	27661	27717	55084	30111	42479	7824	6836	27845
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17973	180	0	2	1	0	0	0	2513	137	0
	Sewage	HIGH	4	17973	276	107	109	108	207	117	264	3894	1654	107
	Rivers	LOW	5	829256	31	0	0	0	0	0	0			0
	Rivers	HIGH	5	829256	6034	6011	6015	6013	12015	6639	9667			6011
	TOTAL	LOW	10	850649	212	0	2	1	0	0	0	2513	137	0
	TOTAL	HIGH	10	850649	6310	6118	6124	6121	12222	6756	9931	3894	1654	6118
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	23312	8	0	0	4	0	0	0	4545	47167	0
	Sewage	HIGH	2	23312	66	58	58	62	103	65	130	11641	54273	58
	Rivers	LOW	3	3054500	33	0	0	0	0	0	0			0
	Rivers	HIGH	3	3054500	23341	23319	23323	23321	46629	25545	29348			23319
	TOTAL	LOW	5	3077813	41	0	0	4	0	0	0	4545	47167	0
	TOTAL	HIGH	5	3077813	23407	23377	23381	23383	46732	25610	29479	11641	54273	23377
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	23760	266	0	0	0	0	0	0	11815	15878	0
	Sewage	HIGH	1	23760	359	90	90	90	269	90	108	19988	24085	90
	Rivers	LOW	3	1117864	1263	0	0	0	0	0	0	47745	17508	0
	Rivers	HIGH	3	1117864	4187	3006	3006	3376	5912	3006	3643	54407	21395	3006
	TOTAL	LOW	4	1141624	1529	0	0	0	0	0	0	59560	33386	0
	TOTAL	HIGH	4	1141624	4547	3097	3097	3466	6181	3097	3751	74395	45481	3097

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichloro benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E22	Industrial	LOW	1	628	0	0	0	0	0	0	0	2469	2387	0
	Industrial	HIGH	1	628	1	1	1	1	2	1	2	2478	2388	1
	Sewage	LOW	3	227851	639	0	0	1358	0	998	233	70697	120718	6302
	Sewage	HIGH	3	227851	3193	2671	2671	4022	3046	3667	2166	110470	160475	8972
	Rivers	LOW	2	9722376	15498	0	0	2029	0	0	394463	346488	82553	0
	Rivers	HIGH	2	9722376	31545	23983	23173	24206	25330	26974	528192	429291	110911	24699
	TOTAL	LOW	6	9950854	16137	0	0	3388	0	998	394696	419853	205658	6302
	TOTAL	HIGH	6	9950854	34739	26655	25844	28230	28378	30642	530360	542239	273774	33672
E23	Industrial	LOW	4	1852260	0	0	0	0	0	0	54206			0
	Industrial	HIGH	4	1852260	12824	12829	12824	12824	25657	12829	84449			12824
	Sewage	LOW	4	225050	61	0	0	0	0	0	0			3455
	Sewage	HIGH	4	225050	1860	1844	1844	1844	3689	1844	3543			5262
	Rivers	LOW	7	11249376	0	0	0	0	0	0	0	217431	93623	0
	Rivers	HIGH	7	11249376	23280	32260	29872	29872	59745	4618	7396	225086	101979	9805
	TOTAL	LOW	15	13326686	61	0	0	0	0	0	54206	217431	93623	3455
	TOTAL	HIGH	15	13326686	37964	46933	44540	44540	89091	19291	95388	225086	101979	27891
E24	Industrial	LOW	6	77914	0	0	0	0	0	0	0			0
	Industrial	HIGH	6	77914	352	326	352	352	651	326	539			352
	Sewage	LOW	4	140663	0	0	0	0	0	0	0			0
	Sewage	HIGH	4	140663	579	579	579	579	1103	579	843			579
	Rivers	LOW	9	2805609	735	0	0	0	0	0	0	238300	33594	0
	Rivers	HIGH	9	2805609	5869	5302	5277	5277	10528	3228	5579	240339	40185	5277
	TOTAL	LOW	19	3024186	735	0	0	0	0	0	0	238300	33594	0
	TOTAL	HIGH	19	3024186	6800	6206	6208	6208	12282	4133	6962	240339	40185	6208
E25	Industrial	LOW	3	20640	0	0	0	0	0	0	0			0
	Industrial	HIGH	3	20640	402	405	402	402	810	405	555			402
	Sewage	LOW	3	105634	0	0	0	0	0	0	0			0
	Sewage	HIGH	3	105634	679	679	679	679	1357	679	1435			679
	Rivers	LOW	5	4037084	0	0	0	93	255	0	0	26505	9970	0
	Rivers	HIGH	5	4037084	9589	9589	9589	9651	19370	8998	14658	46279	31392	9589
	TOTAL	LOW	11	4163358	0	0	0	93	255	0	0	26505	9970	0
	TOTAL	HIGH	11	4163358	10670	10672	10670	10732	21538	10082	16648	46279	31392	10670
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	6339	0	0	0	0	0	0	0			0
	Sewage	HIGH	1	6339	43	42	43	43	86	45	76			42
	Rivers	LOW	6	5121539	0	0	0	0	0	0	233	43338	11968	0
	Rivers	HIGH	6	5121539	8064	8406	8064	8064	14377	5381	10351	407112	367660	8064
	TOTAL	LOW	7	5127877	0	0	0	0	0	0	233	43338	11968	0
	TOTAL	HIGH	7	5127877	8107	8448	8107	8107	14463	5427	10426	407112	367660	8106

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	Trichloro benzene g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	Hexachlorob enzene g/year
E27	Industrial	LOW	6	16129	0	0	0	0	0	0	0			0
	Industrial	HIGH	6	16129	192	45	45	45	76	45	101			45
	Sewage	LOW	3	41781	104	0	0	0	0	0	0			0
	Sewage	HIGH	3	41781	562	95	95	95	151	95	247			95
	Rivers	LOW	3	4329824	0	0	0	0	0	0	0	6314	4096	0
	Rivers	HIGH	3	4329824	4850	4850	4850	4868	4850	4850	23051	700305	698087	4850
	TOTAL	**LOW**	**12**	**4387733**	**104**	**0**	**0**	**0**	**0**	**0**	**0**	**6314**	**4096**	**0**
	TOTAL	**HIGH**	**12**	**4387733**	**5604**	**4990**	**4990**	**5008**	**5077**	**4990**	**23399**	**700305**	**698087**	**4990**
E28	Industrial	LOW	12	41930	5333	0		5	22		257718	1507884	2700000	30736
	Industrial	HIGH	12	41930	5333	74		20	49		262321	1512119	2700000	32724
	Sewage	LOW	6	164806	48555	77		748		258	20503	485		132
	Sewage	HIGH	6	164806	48555	397		1010		258	24600	485		1598
	Rivers	LOW	9	3296396	42562	194	1955	0	0	2662	208072	102	2551578	34809
	Rivers	HIGH	9	3296396	42562	12248	1955	4717	20889	3179	357857	420	2551578	79541
	TOTAL	**LOW**	**27**	**3503132**	**96451**	**271**	**1955**	**753**	**22**	**2921**	**486293**	**1508471**	**5251578**	**65678**
	TOTAL	**HIGH**	**27**	**3503132**	**96451**	**12719**	**1955**	**5747**	**20938**	**3437**	**644778**	**1513024**	**5251578**	**113863**
E29	Industrial	LOW	3	23000							2774	5928		
	Industrial	HIGH	3	23000							6515	9578		
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	10	7004007	132622	904		0	0	202	75974			26776
	Rivers	HIGH	10	7004007	132622	27199		5588	7115	1525	1034887			137061
	TOTAL	**LOW**	**13**	**7027007**	**132622**	**904**		**0**	**0**	**202**	**78749**	**5928**		**26776**
	TOTAL	**HIGH**	**13**	**7027007**	**132622**	**27199**		**5588**	**7115**	**1525**	**1041402**	**9578**		**137061**
E30	Industrial	LOW	1	34010										
	Industrial	HIGH	1	34010										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	6	7420600	84702	0		0	0		1141	6935		41631
	Rivers	HIGH	6	7420600	84702	26354		5392	21318		1214	1157999		145880
	TOTAL	**LOW**	**7**	**7454610**	**84702**	**0**		**0**	**0**		**1141**	**6935**		**41631**
	TOTAL	**HIGH**	**7**	**7454610**	**84702**	**26354**		**5392**	**21318**		**1214**	**1157999**		**145880**
TOTALS	Industrial	LOW	64	2410935	6496	0	0	5	22	0	349609	1566342	13019942	44260
	Industrial	HIGH	64	2410935	21160	14455	13826	13914	27663	16653	420547	1842887	13069905	61273
	Sewage	LOW	106	5605327	168591	78	375	3007	2	1397	221855	3831182	2597766	10609
	Sewage	HIGH	106	5605327	177682	27446	19532	21122	28114	31870	1481051	4239276	2795159	333161
	Rivers	LOW	138	101551278	365517	2471	1955	6442	257	12582	953206	2313569	3174694	104229
	Rivers	HIGH	138	101551278	546810	279273	207638	225395	402314	321714	2544626	4990909	4502015	556302
	TOTAL	**LOW**	**305**	**109567540**	**540604**	**2549**	**2330**	**9455**	**281**	**13979**	**1524670**	**7711093**	**18792402**	**159099**
	TOTAL	**HIGH**	**305**	**109567540**	**745852**	**321173**	**240996**	**260431**	**458091**	**370237**	**4446223**	**11073072**	**20367079**	**950736**

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E2	Industrial	LOW	2	928	0	2	464	0	0	0	0	0	0	0
	Industrial	HIGH	2	928	1	107	517	1	17	7	17	17	17	17
	Sewage	LOW	1	370273	0	9357	124754	0	0	0	0	0	0	0
	Sewage	HIGH	1	370273	270	34307	145546	270	6757	2703	6757	6757	6757	6757
	Rivers	LOW	2	3653416	0	1862866	1327650	0	0	0	0	0	0	0
	Rivers	HIGH	2	3653416	2667	2023112	1483302	2667	66675	26670	66675	66675	66675	66675
	TOTAL	LOW	5	4024617	0	1872224	1452867	0	0	0	0	0	0	0
	TOTAL	HIGH	5	4024617	2938	2057526	1629365	2938	73449	29380	73449	73449	73449	73449
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	19563	0	1208	2582	0	0	0	0	0	0	0
	Sewage	HIGH	1	19563	14	2472	3570	14	357	143	357	357	357	357
	Rivers	LOW	1	1174852	0	102393	55950	0	0	0	0	0	0	0
	Rivers	HIGH	1	1174852	858	173699	130035	858	21441	8576	21441	21441	21441	21441
	TOTAL	LOW	2	1194415	0	103602	58532	0	0	0	0	0	0	0
	TOTAL	HIGH	2	1194415	872	176171	133605	872	21798	8719	21798	21798	21798	21798
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	97432	0	3556	24347	0	0	0	0	0	0	0
	Sewage	HIGH	1	97432	71	9848	30365	71	1778	711	1778	1778	1778	1778
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	97432	0	3556	24347	0	0	0	0	0	0	0
	TOTAL	HIGH	1	97432	71	9848	30365	71	1778	711	1778	1778	1778	1778
E5	Industrial	LOW	4	157787	0	60193	72076180	0	0	0	0	0	0	0
	Industrial	HIGH	4	157787	115	114278	72107000	115	2880	1152	2880	2880	2880	2880
	Sewage	LOW	4	136481	0	8925	61119	0	0	0	0	0	0	0
	Sewage	HIGH	4	136481	100	17407	68752	100	2491	996	2491	2491	2491	2491
	Rivers	LOW	3	2270949	0	565689	129592	0	0	0	0	0	0	0
	Rivers	HIGH	3	2270949	1658	692502	252220	1658	41445	16578	41445	41445	41445	41445
	TOTAL	LOW	11	2566217	0	654806	72266891	0	0	0	0	0	0	0
	TOTAL	HIGH	11	2566217	1873	824187	72427972	1873	46815	18726	46815	46815	46815	46815
E6	Industrial	LOW	1	23653										
	Industrial	HIGH	1	23653										
	Sewage	LOW	2	24828	0			0				0		
	Sewage	HIGH	2	24828	227			91				177		
	Rivers	LOW	1	302522	0	0	582							
	Rivers	HIGH	1	302522	212	11874	4780							
	TOTAL	LOW	4	351002	0	0	582	0				0		
	TOTAL	HIGH	4	351002	439	11874	4780	91				177		

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24432	0			0						
	Sewage	HIGH	1	24432	235			95						
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	24432	0			0						
	TOTAL	HIGH	1	24432	235			95						
E7a	Industrial	LOW	11	106330	0	7306	57789	0	0	0	0	0	0	0
	Industrial	HIGH	11	106330	193	8172	58414	130	7739	2496	307	12133	361	143
	Sewage	LOW	10	183087	0	2445	306931	0	0	8	0	0	0	0
	Sewage	HIGH	10	183087	1154	6375	306944	562	14169	4389	597	7559	81	81
	Rivers	LOW	9	16335556	945	33838	17314704	0	0	0	0	0	0	
	Rivers	HIGH	9	16335556	42241	460485	17670900	28620	184064	42445	34268	98716	21800	
	TOTAL	LOW	30	16624972	945	43588	17679424	0	0	8	0	0	0	0
	TOTAL	HIGH	30	16624972	43588	475033	18035258	29311	205972	49329	35172	118408	22241	223
E9	Industrial	LOW	3	3745	0	3690	1106313	0	0	0	0	0	0	0
	Industrial	HIGH	3	3745	5	3713	1106314	4	15	15	12	15	9	3
	Sewage	LOW	5	84354	0			0	0	0	0	0	0	0
	Sewage	HIGH	5	84354	202			202	669	456	1067	194	679	262
	Rivers	LOW	9	2030404	0	2806	34080	0	0	0		0	0	
	Rivers	HIGH	9	2030404	581	5285	34219	368	490	490		490	490	
	TOTAL	LOW	17	2116503	0	6496	1140393	0	0	0	0	0	0	0
	TOTAL	HIGH	17	2116503	787	8997	1140533	574	1173	961	1079	698	1178	265
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	91890	0	0	20858	0	0	0	0	0	0	0
	Sewage	HIGH	4	91890	177	157	20872	177	328	551	670	509	715	602
	Rivers	LOW	8	1300868	0	2317	34902	0	0	0		0	0	
	Rivers	HIGH	8	1300868	432	4257	34902	216	1408	1408		1408	1408	
	TOTAL	LOW	12	1392759	0	2317	55760	0	0	0	0	0	0	0
	TOTAL	HIGH	12	1392759	608	4414	55774	393	1736	1959	670	1917	2123	602
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	76342	0		0	0	0	0	0	0	0	0
	Sewage	HIGH	5	76342	126		0	126	35	63	35	35	32	36
	Rivers	LOW	3	246629	0	283	5444	0	0	0		0	0	
	Rivers	HIGH	3	246629	91	664	5444	45	2153	2153		2153	2153	
	TOTAL	LOW	8	322970	0	283	5444	0	0	0	0	0	0	0
	TOTAL	HIGH	8	322970	217	664	5444	172	2188	2216	35	2188	2185	36

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2765160	7726	0	1771014		0	0	0	0	0	0
	Sewage	HIGH	8	2765160	35607	98900	2040436		82001	44654	34459	48078	42606	106212
	Rivers	LOW	3	2183499	7277	33873	1650251	0	0	0	0	0	0	0
	Rivers	HIGH	3	2183499	24455	127842	1916270	3	115044	54527	17938	54527	54527	36194
	TOTAL	LOW	11	4948659	15003	33873	3421265	0	0	0	0	0	0	0
	TOTAL	HIGH	11	4948659	60062	226742	3956706	3	197045	99181	52397	102605	97133	142406
E13	Industrial	LOW	5	47312	0	3171	22395	0	0	0	0	0	0	0
	Industrial	HIGH	5	47312	53	3375	22395	401	541	867	816	561	817	641
	Sewage	LOW	6	129406	0			0	0	0	0	0	0	0
	Sewage	HIGH	6	129406	433			395	224	202	273	228	272	234
	Rivers	LOW	2	682884										
	Rivers	HIGH	2	682884										
	TOTAL	LOW	13	859602	0	3171	22395	0	0	0	0	0	0	0
	TOTAL	HIGH	13	859602	488	3375	22395	796	765	1069	1089	788	1089	875
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161175	0	0	71403	0	0	0	0	0	0	0
	Sewage	HIGH	5	161175	491	674	71403	491	808	857	1382	399	773	779
	Rivers	LOW	2	441605					0	0	0	0	0	0
	Rivers	HIGH	2	441605					1659	2538	2647	2425	2823	2538
	TOTAL	LOW	7	602780	0	0	71403	0	0	0	0	0	0	0
	TOTAL	HIGH	7	602780	491	674	71403	491	2467	3395	4029	2824	3597	3317
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	165630	0	0	42359	0						
	Sewage	HIGH	3	165630	605	554	42359	605						
	Rivers	LOW	1	532685										
	Rivers	HIGH	1	532685										
	TOTAL	LOW	4	698315	0	0	42359	0						
	TOTAL	HIGH	4	698315	605	554	42359	605						
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66044										
	Sewage	HIGH	3	66044										
	Rivers	LOW	4	2828922		14010	54422				0	0	0	0
	Rivers	HIGH	4	2828922		19671	74905				2571	359	3666	3350
	TOTAL	LOW	7	2894966		14010	54422				0	0	0	0
	TOTAL	HIGH	7	2894966		19671	74905				2571	359	3666	3350

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	130024	3	2709	33365	0	0	0	0	0	0	0
	Sewage	HIGH	7	130024	834	34338	64820	2363	619	619	618	619	903	618
	Rivers	LOW	6	3608352	25			0	0	0	0	0	0	0
	Rivers	HIGH	6	3608352	26162			55506	20844	20844	13926	20844	20153	13926
	TOTAL	LOW	13	3738376	28	2709	33365	0	0	0	0	0	0	0
	TOTAL	HIGH	13	3738376	26997	34338	64820	57869	21463	21463	14544	21463	21057	14544
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	9	102038	0	258	13529	0	0	0	0	0	10	0
	Sewage	HIGH	9	102038	618	4765	15912	1279	506	506	499	512	821	489
	Rivers	LOW	16	3969705	12		0	0	0	0	0	0	43	0
	Rivers	HIGH	16	3969705	27198		0	58541	18945	18945	13247	18945	18209	13247
	TOTAL	LOW	26	4072993	12	258	13529	0	0	0	0	0	54	0
	TOTAL	HIGH	26	4072993	27816	4765	15912	59820	19451	19451	13746	19456	19030	13737
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17973	0	175	36262	0						
	Sewage	HIGH	4	17973	107	1559	36953	234						
	Rivers	LOW	5	829256	8			0						
	Rivers	HIGH	5	829256	6041			13226						
	TOTAL	LOW	10	850649	8	175	36262	0						
	TOTAL	HIGH	10	850649	6148	1559	36953	13460						
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	23312	0	0	37736	0						
	Sewage	HIGH	2	23312	58	7188	45845	130						
	Rivers	LOW	3	3054500	0		0	0	0	0	0	0	0	0
	Rivers	HIGH	3	3054500	23351		0	51091	25545	25545	12165	25545	17529	12165
	TOTAL	LOW	5	3077813	0	0	37736	0	0	0	0	0	0	0
	TOTAL	HIGH	5	3077813	23409	7188	45845	51221	25545	25545	12165	25545	17529	12165
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	23760	0	769	79799	0	0	0	0	0	0	0
	Sewage	HIGH	1	23760	90	9069	88880	174	90	90	100	90	129	100
	Rivers	LOW	3	1117864	0	10768	52149	0	0	0	0	0	0	0
	Rivers	HIGH	3	1117864	2943	16310	66740	5181	3315	3241	3564	4592	3793	3321
	TOTAL	LOW	4	1141624	0	11536	131948	0	0	0	0	0	0	0
	TOTAL	HIGH	4	1141624	3033	25379	155620	5355	3405	3331	3664	4682	3922	3421

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E22	Industrial	LOW	1	628	0	2343	4626	0						
	Industrial	HIGH	1	628	1	2343	4627	2						
	Sewage	LOW	3	227851	5655	7579119	5222063	0	0	0	0	1916	0	0
	Sewage	HIGH	3	227851	6138	7642517	5223079	3045	4659	2055	1939	3941	582	315
	Rivers	LOW	2	9722376	23668	94329	517467	0	0	27885	5217	0	8943	0
	Rivers	HIGH	2	9722376	38895	108534	671479	28545	160623	79526	51776	52130	52009	2129
	TOTAL	LOW	6	9950854	29322	7675791	5744155	0	0	27885	5217	1916	8943	0
	TOTAL	HIGH	6	9950854	45034	7753394	5899186	31593	165282	81581	53715	56071	52591	2444
E23	Industrial	LOW	4	1852260	0			0	0	0	0	0	0	0
	Industrial	HIGH	4	1852260	12829			25604	7458	7458	8151	7458	15894	8151
	Sewage	LOW	4	225050	0			0	0	0	0	0	0	0
	Sewage	HIGH	4	225050	1844			3671	1538	1538	1802	1538	2916	1802
	Rivers	LOW	7	11249376	0	23559	293745	291	0	0	0	0	0	0
	Rivers	HIGH	7	11249376	9791	39031	310147	7338	5509	5509	5173	5509	7757	5057
	TOTAL	LOW	15	13326686	0	23559	293745	291	0	0	0	0	0	0
	TOTAL	HIGH	15	13326686	24484	39031	310147	36613	14506	14506	15126	14506	26566	15010
E24	Industrial	LOW	6	77914	0			0						
	Industrial	HIGH	6	77914	326			646						
	Sewage	LOW	4	140663	0			0	0	0	0	0	0	0
	Sewage	HIGH	4	140663	579			1158	214	25	371	25	1040	371
	Rivers	LOW	9	2805609	0	13298	80720	0						
	Rivers	HIGH	9	2805609	5322	25237	98058	6121						
	TOTAL	LOW	19	3024186	0	13298	80720	0	0	0	0	0	0	0
	TOTAL	HIGH	19	3024186	6227	25237	98056	7924	214	25	371	25	1040	371
E25	Industrial	LOW	3	20640	0			0	0	0	0	0	0	0
	Industrial	HIGH	3	20640	405			810	467	467	429	467	784	429
	Sewage	LOW	3	105634	0			0			0		0	0
	Sewage	HIGH	3	105634	679			1357			14		20	14
	Rivers	LOW	5	4037084	0	13488	87771	0	0	0	0	0	0	0
	Rivers	HIGH	5	4037084	9589	35138	134540	14925	590	624	635	590	1070	635
	TOTAL	LOW	11	4163358	0	13488	87771	0	0	0	0	0	0	0
	TOTAL	HIGH	11	4163358	10672	35138	134540	17092	1057	1091	1078	1057	1874	1078
E26	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	6339	0			0			0		0	0
	Sewage	HIGH	1	6339	42			84			39		67	39
	Rivers	LOW	6	5121539	0	3140	10421	31266	0	0	0	37	0	0
	Rivers	HIGH	6	5121539	8064	332751	405317	39349	1649	1649	995	1649	1928	995
	TOTAL	LOW	7	5127877	0	3140	10421	31266	0	0	0	37	0	0
	TOTAL	HIGH	7	5127877	8106	332751	405317	39433	1649	1649	1035	1649	1995	1035

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Hexachlorobutadiene g/year	Carbon Tetrachlor. g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E27	Industrial	LOW	6	16129	0		0	0	0	0	0	0	0	0
	Industrial	HIGH	6	16129	45		0	90	6	6	6	6	0	0
	Sewage	LOW	3	41781	0	0	1796	0			0		0	0
	Sewage	HIGH	3	41781	95	8	1796	161			83		152	82
	Rivers	LOW	3	4329824	0	546007	39486	0	0	0	0	0	0	0
	Rivers	HIGH	3	4329824	4850	1270888	946489	9682	6258	6359	6675	6780	3079	3079
	TOTAL	LOW	12	4387733	0	546007	41282	0	0	0	0	0	0	0
	TOTAL	HIGH	12	4387733	4990	1270896	948285	9933	6264	6365	6763	6786	3231	3162
E28	Industrial	LOW	12	41930	19890	12823748	15127906							
	Industrial	HIGH	12	41930	33048	12867329	15894895							
	Sewage	LOW	6	164806	29	0	633640	129	0	10220		0		
	Sewage	HIGH	6	164806	1661	33215	633640	129	3081	13414		3449		
	Rivers	LOW	9	3296396	42380	15510377	14001680	400	0	0		0		
	Rivers	HIGH	9	3296396	89514	15598697	14127178	815	42916	42883		42883		
	TOTAL	LOW	27	3503132	62299	28334126	29763226	529	0	10220		0		
	TOTAL	HIGH	27	3503132	124223	28499241	30655713	944	45997	56297		46332		
E29	Industrial	LOW	3	23000					1319					
	Industrial	HIGH	3	23000					1395					
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	10	7004007	1069	879218	622208		0	0		0		
	Rivers	HIGH	10	7004007	137810	2035231	1722388		375692	192590		192590		
	TOTAL	LOW	13	7027007	1069	879218	622208		1319	0		0		
	TOTAL	HIGH	13	7027007	137810	2035231	1722388		377087	192590		192590		
E30	Industrial	LOW	1	34010										
	Industrial	HIGH	1	34010										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	6	7420600	342	1413593	1007331		0	0		0		
	Rivers	HIGH	6	7420600	133010	1940457	1451254		685782	371746		371746		
	TOTAL	LOW	7	7454610	342	1413593	1007331		0	0		0		
	TOTAL	HIGH	7	7454610	133010	1940457	1451254		685782	371746		371746		
TOTALS	Industrial	LOW	64	2410935	19890	12920452	88395673	0	1319	0	0	0	0	0
	Industrial	HIGH	64	2410935	47019	12999317	89194161	27802	20517	12467	12617	23536	20761	12263
	Sewage	LOW	106	5605327	13413	7608520	8483554	129	0	10228	0	1916	10	0
	Sewage	HIGH	106	5605327	52457	7903354	8841173	16986	120324	73972	55331	78735	63171	123419
	Rivers	LOW	138	101551278	75726	21125850	37320553	31957	0	27885	5217	37	8986	0
	Rivers	HIGH	138	101551278	595732	24921666	41540568	324754	1782047	924848	295143	1033443	341954	226199
	TOTAL	LOW	305	109567540	109029	41654822	134199780	32087	1319	38113	5217	1953	8996	0
	TOTAL	HIGH	305	109567540	695209	45824337	139575902	369542	1922888	1011287	363090	1135713	425886	361880

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E2	Industrial	LOW	2	928	0	0	0	0		598	238
	Industrial	HIGH	2	928	34	34	28	28		827	830
	Sewage	LOW	1	370273	0	0	48654	9460	52033	74332	148665
	Sewage	HIGH	1	370273	13515	13515	50456	11262	65548	87847	162180
	Rivers	LOW	2	3653416	0	0	20867	315	49072	1067590	382456
	Rivers	HIGH	2	3653416	133350	133350	56430	35878	173373	1115299	438035
	TOTAL	LOW	5	4024617	0	0	69520	9775	101104	1142520	531359
	TOTAL	HIGH	5	4024617	146899	146899	106914	47189	238921	1203973	601045
E3	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	19563	0	0	2666	0	114	317	1122
	Sewage	HIGH	1	19563	714	714	2824	214	242	1309	2142
	Rivers	LOW	1	1174852	0	0	6423	7531	5035	225924	22731
	Rivers	HIGH	1	1174852	42882	42882	24898	26608	33448	251682	39395
	TOTAL	LOW	2	1194415	0	0	9089	7531	5149	226241	23853
	TOTAL	HIGH	2	1194415	43596	43596	27723	26822	33691	252991	41537
E4	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	97432	0	0	0	0	2885	1778	12447
	Sewage	HIGH	1	97432	3556	3556	1067	1067	3438	6668	16003
	Rivers	LOW									
	Rivers	HIGH									
	TOTAL	LOW	1	97432	0	0	0	0	2885	1778	12447
	TOTAL	HIGH	1	97432	3556	3556	1067	1067	3438	6668	16003
E5	Industrial	LOW	4	157787	0	0	0	0	97331	2556822	6414407
	Industrial	HIGH	4	157787	5759	5759	2082	2082	97899	3559585	6452894
	Sewage	LOW	4	136481	0	0	66128	48232	3744	62382	5417
	Sewage	HIGH	4	136481	4982	4982	67458	49644	4420	86510	40618
	Rivers	LOW	3	2270949	0	0	55154	0	105281	34984	84426
	Rivers	HIGH	3	2270949	82890	82890	87212	32182	116638	112629	106373
	TOTAL	LOW	11	2565217	0	0	121281	48232	206356	2854186	8504250
	TOTAL	HIGH	11	2565217	93630	93630	156752	83908	220957	3758724	6599885
E6	Industrial	LOW	1	23653							
	Industrial	HIGH	1	23653							
	Sewage	LOW	2	24828							
	Sewage	HIGH	2	24828							
	Rivers	LOW	1	302522			95	0	0		
	Rivers	HIGH	1	302522			1911	1242	8488		
	TOTAL	LOW	4	351002			95	0	0		
	TOTAL	HIGH	4	351002			1911	1242	8488		

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E7	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	24432							
	Sewage	HIGH	1	24432							
	Rivers	LOW									
	Rivers	HIGH									
	TOTAL	LOW	1	24432							
	TOTAL	HIGH	1	24432							
E7a	Industrial	LOW	11	106330	0	0	0	22	3849	87936	902
	Industrial	HIGH	11	106330	3381	139	2144	1425	3876	100160	1032
	Sewage	LOW	10	183087	0	0	9861	194	4872	8460234	55568
	Sewage	HIGH	10	183087	2735	81	31996	20571	13145	8460234	55582
	Rivers	LOW	9	16335556	0		559236	370576	24081	7	0
	Rivers	HIGH	9	16335556	144093		626282	435856	1783488	6185391	9
	TOTAL	LOW	30	16824972	0	0	569097	370791	32801	8548177	56469
	TOTAL	HIGH	30	16824972	150209	219	660422	457851	1800509	14745785	56622
E9	Industrial	LOW	3	3745	0	0	12	12		119	14479
	Industrial	HIGH	3	3745	15	15	12	15		135	14567
	Sewage	LOW	5	84354	0	0			2104		
	Sewage	HIGH	5	84354	779	681			2104		
	Rivers	LOW	9	2030404	0		275451	90505	18880	4143	78205
	Rivers	HIGH	9	2030404	490		275451	90524	21300	8962	78380
	TOTAL	LOW	17	2118503	0	0	275463	90516	20984	4262	92584
	TOTAL	HIGH	17	2118503	1283	696	275463	90539	23405	9097	92947
E10	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	4	91890	0	0	5338	2843	3496	16782	7696
	Sewage	HIGH	4	91890	690	388	5378	2907	3535	16782	7717
	Rivers	LOW	8	1300868	0		14744	18447	52643	7198	32197
	Rivers	HIGH	8	1300868	1408		14744	18615	66351	9958	32735
	TOTAL	LOW	12	1392759	0	0	20082	21290	56139	23980	39892
	TOTAL	HIGH	12	1392759	2098	388	20122	21522	69886	26740	40451
E11	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	5	76342	0	0	705	3149	2234		
	Sewage	HIGH	5	76342	34	36	705	3149	2244		
	Rivers	LOW	3	246629	0		17419	20600	864	341	9150
	Rivers	HIGH	3	246629	2153		17419	20639	8256	962	9150
	TOTAL	LOW	8	322970	0	0	18123	23749	3098	341	9150
	TOTAL	HIGH	8	322970	2187	36	18123	23788	10500	962	9150

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E12	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	8	2765160	0	0	226806	305665	177064	0	269947
	Sewage	HIGH	8	2765160	82001	65500	239765	320164	342157	795878	374170
	Rivers	LOW	3	2183499	0	0	223464	158604	25214	10018	75523
	Rivers	HIGH	3	2183499	115044	36194	223866	162370	88457	920228	144914
	TOTAL	LOW	11	4948659	0	0	450270	464269	202279	10018	345470
	TOTAL	HIGH	11	4948659	197045	101694	463631	482534	430614	1716107	519085
E13	Industrial	LOW	5	47312	23	0			10928	1019	3566
	Industrial	HIGH	5	47312	952	830			10940	1040	3566
	Sewage	LOW	6	129406	0	0			7836		
	Sewage	HIGH	6	129406	263	277			7841		
	Rivers	LOW	2	682884			44669	107592			
	Rivers	HIGH	2	682884			44669	107731			
	TOTAL	LOW	13	859602	23	0	44669	107592	18764	1019	3566
	TOTAL	HIGH	13	859602	1215	1108	44669	107731	18781	1040	3566
E14	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	5	161175	0	0				6347	22115
	Sewage	HIGH	5	161175	964	943				6412	22115
	Rivers	LOW	2	441605	0	0	3776	3001			
	Rivers	HIGH	2	441605	1773	1825	3895	3277			
	TOTAL	LOW	7	602780	0	0	3776	3001		6347	22115
	TOTAL	HIGH	7	602780	2737	2768	3895	3277		6412	22115
E15	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	3	165630			3582	1464		1664	48845
	Sewage	HIGH	3	165630			3582	1509		1724	48845
	Rivers	LOW	1	532685			9482	0			
	Rivers	HIGH	1	532685			9482	4569			
	TOTAL	LOW	4	698315			13064	1464		1664	48845
	TOTAL	HIGH	4	698315			13064	6078		1724	48845
E16	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	3	66044					37		
	Sewage	HIGH	3	66044					37		
	Rivers	LOW	4	2828922				7038	0		26513
	Rivers	HIGH	4	2828922				11425	50443		38180
	TOTAL	LOW	7	2894966				7038	37		26513
	TOTAL	HIGH	7	2894966				11425	50480		38180

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E17	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	7	130024			3242	3351	7430	0	3796
	Sewage	HIGH	7	130024			4026	4309	9856	180443	39354
	Rivers	LOW	6	3608352			0	193	0		
	Rivers	HIGH	6	3608352			41688	41608	176363		
	TOTAL	LOW	13	3738376			3242	3543	7430	0	3796
	TOTAL	HIGH	13	3738376			45715	45917	186219	180443	39354
E18	Industrial	LOW	1	1250							
	Industrial	HIGH	1	1250							
	Sewage	LOW	9	102038			5011	1727	1511	0	49428
	Sewage	HIGH	9	102038			5629	2470	558808	43302	54440
	Rivers	LOW	16	3969705			5473	424	0		
	Rivers	HIGH	16	3969705			41728	38165	86426		
	TOTAL	LOW	26	4072993			10483	2152	1511	0	49428
	TOTAL	HIGH	26	4072993			47356	40635	645233	43302	54440
E19	Industrial	LOW	1	3420							
	Industrial	HIGH	1	3420							
	Sewage	LOW	4	17973					1002	2901	303
	Sewage	HIGH	4	17973					1125	12275	1830
	Rivers	LOW	5	829256					0		
	Rivers	HIGH	5	829256					199		
	TOTAL	LOW	10	850649					1002	2901	303
	TOTAL	HIGH	10	850649					1324	12275	1830
E20	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	2	23312						14411	6468
	Sewage	HIGH	2	23312						61890	13596
	Rivers	LOW	3	3054500			9767	0	0		
	Rivers	HIGH	3	3054500			59281	51091	118874		
	TOTAL	LOW	5	3077613			9767	0	0	14411	6468
	TOTAL	HIGH	5	3077613			59281	51091	118874	61890	13596
E21	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	23760			0	25	846	0	0
	Sewage	HIGH	1	23760			129	258	1262	81616	0
	Rivers	LOW	3	1117864			26707	7497	0	73734	102854
	Rivers	HIGH	3	1117864			33092	13783	27766	1671671	113544
	TOTAL	LOW	4	1141624			26707	7522	846	73734	102854
	TOTAL	HIGH	4	1141624			33221	14041	29028	1753287	113544

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E22	Industrial	LOW	1	628						5699	2245
	Industrial	HIGH	1	628						7503	2245
	Sewage	LOW	3	227851	0		5942	0	13054	345962	86133
	Sewage	HIGH	3	227851	4339		7597	2337	115438	1013137	136149
	Rivers	LOW	2	9722376	0		203388	140416	0	0	40549
	Rivers	HIGH	2	9722376	124932		275685	222923	5359430	3274507	49568
	TOTAL	LOW	6	9950854	0		209329	140416	13054	351661	126926
	TOTAL	HIGH	6	9950854	129272		283281	225260	5474867	4295147	187961
E23	Industrial	LOW	4	1852260			6748	1481	4063		
	Industrial	HIGH	4	1852260			21281	16073	7667		
	Sewage	LOW	4	225050			7593	1576			
	Sewage	HIGH	4	225050			9854	4168			
	Rivers	LOW	7	11249376			53200	127780	0	0	305588
	Rivers	HIGH	7	11249376			60121	136293	154626	14733580	340343
	TOTAL	LOW	15	13326688			67541	130836	4063	0	305588
	TOTAL	HIGH	15	13326688			91257	156534	162293	14733580	340343
E24	Industrial	LOW	6	77914					1056		
	Industrial	HIGH	6	77914					1058		
	Sewage	LOW	4	140663			0	0			
	Sewage	HIGH	4	140663			44	44			
	Rivers	LOW	9	2805609					6227	0	424439
	Rivers	HIGH	9	2805609					97689	9472170	440577
	TOTAL	LOW	19	3024186			0	0	7283	0	424439
	TOTAL	HIGH	19	3024186			44	44	98747	9472170	440577
E25	Industrial	LOW	3	20640			0	0			
	Industrial	HIGH	3	20640			935	935			
	Sewage	LOW	3	105634							
	Sewage	HIGH	3	105634							
	Rivers	LOW	5	4037084			901	0	0	0	36054
	Rivers	HIGH	5	4037084			1742	1180	148879	13458312	78504
	TOTAL	LOW	11	4163358			901	0	0	0	36054
	TOTAL	HIGH	11	4163358			2676	2115	148879	13458312	78504
E26	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	6339							
	Sewage	HIGH	1	6339							
	Rivers	LOW	6	5121539			88	589	0	0	19243
	Rivers	HIGH	6	5121539			3323	3765	185827	17655918	377724
	TOTAL	LOW	7	5127677			88	589	0	0	19243
	TOTAL	HIGH	7	5127677			3323	3765	185827	17655918	377724

ANNEX 1A High and Low Loads Summary: 1991

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	Pentachloro phenol g/year	1,2 Dichloro ethane g/year	Trichloro ethane g/year
E27	Industrial	LOW	6	16129			0	0			
	Industrial	HIGH	6	16129			12	12			
	Sewage	LOW	3	41781					5680	223391	
	Sewage	HIGH	3	41781					5680	224652	
	Rivers	LOW	3	4329824			321	1424	0	0	9689
	Rivers	HIGH	3	4329824			12432	14273	280370	17960720	591098
	TOTAL	LOW	12	4387733			321	1424	5680	223391	9689
	TOTAL	HIGH	12	4387733			12444	14284	286050	18185372	591098
E28	Industrial	LOW	12	41930			4241	4430		15289071	1509855
	Industrial	HIGH	12	41930			4405	4594		15290094	1509855
	Sewage	LOW	6	164806		0	109538	70886	80822	1128691	
	Sewage	HIGH	6	164806		2938	150002	106912	81100	3403777	
	Rivers	LOW	9	3296396		0	3647221	915644	382760	11765418	
	Rivers	HIGH	9	3296396		43283	3995623	1739310	415126	28818806	
	TOTAL	LOW	27	3503132		0	3761000	990060	463582	28183180	1509855
	TOTAL	HIGH	27	3503132		46222	4150030	1850818	496226	47512677	1509855
E29	Industrial	LOW	3	23000			0	0		25572730	6497
	Industrial	HIGH	3	23000			4745	4745		25572730	10147
	Sewage	LOW									
	Sewage	HIGH									
	Rivers	LOW	10	7004007		0	1660474	585473	449185	35204	
	Rivers	HIGH	10	7004007		189114	2389402	1896444	635142	965626760	
	TOTAL	LOW	13	7027007		0	1660474	585473	449185	25607933	6497
	TOTAL	HIGH	13	7027007		189114	2394147	1901189	635142	991199489	10147
E30	Industrial	LOW	1	34010							
	Industrial	HIGH	1	34010							
	Sewage	LOW									
	Sewage	HIGH									
	Rivers	LOW	6	7420600		0	10930	11896	136222	168311	0
	Rivers	HIGH	6	7420600		357319	394839	394919	334952	1858900151	1151064
	TOTAL	LOW	7	7454610		0	10930	11896	136222	168311	0
	TOTAL	HIGH	7	7454610		357319	394839	394919	334952	1858900151	1151064
TOTALS	Industrial	LOW	64	2410935	23	0	11000	5944	117227	43513993	7952188
	Industrial	HIGH	64	2410935	10141	6777	35643	29909	121440	44532074	7995136
	Sewage	LOW	106	5605327	0	0	495064	448572	366762	10339192	717948
	Sewage	HIGH	106	5605327	114570	93610	580513	530986	1217978	14484458	974742
	Rivers	LOW	138	101551278	0	0	6849250	2575544	1255464	13392871	1649618
	Rivers	HIGH	138	101551278	649015	886856	8695214	5504668	10373910	2940177706	4029593
	TOTAL	LOW	305	109567540	23	0	7355314	3030060	1739452	67246056	10319754
	TOTAL	HIGH	305	109567540	773726	987243	9311370	6065562	11713328	2999194238	12999470

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/yea)	Nickel Kg/year	Arsenic Kg/year
E2	Industrial	LOW	1	4			0	1	1			0	0	
	Industrial	HIGH	1	4			0	1	1			0	0	
	Sewage	LOW	1	400123	13	30	20572	17893	5274			5605		265
	Sewage	HIGH	1	400123	14	231	20572	17893	6283			6711		265
	Rivers	LOW	3	3833412	138	483	3020	144439	24414			1454	4558	458
	Rivers	HIGH	3	3833412	141	483	3020	144439	24414			1454	4558	511
	TOTAL	LOW	5	4233540	151	513	23592	162334	29689			7059	4558	724
	TOTAL	HIGH	5	4233540	155	714	23592	162334	30898			8165	4558	777
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	1	907511	25	107	12139	28938	14886			1690	3542	425
	Rivers	HIGH	1	907511	32	107	12139	28946	14886			1690	3542	430
	TOTAL	LOW	1	907511	25	107	12139	28938	14886			1690	3542	425
	TOTAL	HIGH	1	907511	32	107	12139	28946	14886			1690	3542	430
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	140289	9	32	6338	10356	4604			612	625	23
	Sewage	HIGH	1	140289	9	47	6338	10356	4801			1116	625	23
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	140289	9	32	6338	10356	4604			612	625	23
	TOTAL	HIGH	1	140289	9	47	6338	10356	4801			1116	625	23
E5	Industrial	LOW	4	150112	19	47	25993	26510	2274			29532	2537	653
	Industrial	HIGH	4	150112	19	185	25993	26510	2527			29532	2537	653
	Sewage	LOW	2	92311	6	17	2345	4984	752			48	480	35
	Sewage	HIGH	2	92311	6	72	2345	4984	972			476	480	39
	Rivers	LOW	1	1490387	37	47	1647	12082	6653			838	1091	348
	Rivers	HIGH	1	1490387	39	47	1647	12082	6653			838	1091	415
	TOTAL	LOW	7	1732810	63	111	29985	43576	9679			30417	4108	1036
	TOTAL	HIGH	7	1732810	65	304	29985	43576	10151			30846	4108	1107
E6	Industrial	LOW	1	25112	44	3	1551	6069	289			1664	578	1002
	Industrial	HIGH	1	25112	44	6	1551	6069	289			1664	597	1015
	Sewage	LOW	1	19618	0	3	378	1132	424					
	Sewage	HIGH	1	19618	2	4	378	1132	424					
	Rivers	LOW	1	326490	13	3	399	489[illegible]	419			260	924	9
	Rivers	HIGH	1	326490	35	39	411	5308	460			315	989	584
	TOTAL	LOW	2	371220	58	10	2328	12091	1131			1924	1502	1011
	TOTAL	HIGH	2	371220	81	49	2340	12509	1173			1979	1587	1600

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/yea)	Nickel Kg/year	Arsenic Kg/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	4560	0	0	124	230	53					
	Sewage	HIGH	1	4560	1	1	124	230	53					
	Rivers	LOW												
	Rivers	HIGH												
	Total	LOW	1	4560	0	0	124	230	53					
	Total	HIGH	1	4560	1	1	124	230	53					
E7a	Industrial	LOW	11	109347	11	230	20954	574980	19034			163729	10808	4063
	Industrial	HIGH	11	109347	13	246	21018	574980	19574			163829	10819	4071
	Sewage	LOW	9	181068	18	111	3703	26269	3430			17068	934	14
	Sewage	HIGH	9	181068	30	116	3703	26273	3431			17068	952	245
	Rivers	LOW	9	17444263	19	1553	60504	269430	78825	1	0	24761	87377	12717
	Rivers	HIGH	9	17444263	920	2329	60519	288039	79017	11	6	25849	91002	29531
	Total	LOW	29	17734878	49	1894	85160	870879	101290	1	0	205557	99119	16794
	Total	HIGH	29	17734878	962	2691	85240	889291	102022	11	6	206745	102773	33847
E9	Industrial	LOW	3	3573	1	0	3	24	6			5	3	
	Industrial	HIGH	3	3573	1	0	5	24	9			6	5	
	Sewage	LOW	5	133005	1	2	389	1813	126			161	330	
	Sewage	HIGH	5	133005	2	6	389	1813	128			170	330	
	Rivers	LOW	9	6125613	57	206	10581	37866	6783			8947	30723	4839
	Rivers	HIGH	9	6125613	144	324	10600	37875	7064			9028	30723	4841
	TOTAL	LOW	17	6262192	59	209	10973	39703	6915			9112	31056	4839
	TOTAL	HIGH	17	6262192	147	330	10994	39711	7201			9205	31058	4841
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	104405	5	15	2017	4093	873			2549	611	
	Sewage	HIGH	4	104405	6	16	2017	4093	873			2551	611	
	Rivers	LOW	7	1466717	3	2	1656	4908	1004			1175	3382	861
	Rivers	HIGH	7	1466717	38	60	1699	4911	1171			1333	3382	870
	TOTAL	LOW	11	1571123	8	17	3673	9002	1877			3723	3994	861
	TOTAL	HIGH	11	1571123	43	76	3716	9004	2044			3884	3994	870
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	80751	1	6	654	1938	190			295	1295	
	Sewage	HIGH	5	80751	1	7	654	1938	191			297	1295	
	Rivers	LOW	3	419506	5	7	895	2552	730			486	1524	288
	Rivers	HIGH	3	419506	11	16	895	2552	754			511	1524	288
	TOTAL	LOW	8	500257	6	13	1549	4490	920			781	2819	288
	TOTAL	HIGH	8	500257	11	23	1549	4490	945			808	2819	288

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/yea)	Nickel Kg/year	Arsenic Kg/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	2718034	32	34	9280	72553	10013			1635	8772	0
	Sewage	HIGH	9	2718034	129	528	10517	72553	11067			9941	20254	4768
	Rivers	LOW	3	3635690	0	1	9147	37972	3283			48	394	44
	Rivers	HIGH	3	3635690	130	513	10836	38067	6510			12983	18155	6526
	TOTAL	LOW	12	6353724	32	36	18427	110525	13296			1683	9166	44
	TOTAL	HIGH	12	6353724	259	1042	21353	110819	17877			22923	38410	11294
E13	Industrial	LOW	5	47910			106							
	Industrial	HIGH	5	47910			126							
	Sewage	LOW	4	92217		2	408	395	139					
	Sewage	HIGH	4	92217		3	408	395	140					
	Rivers	LOW	2	771310				5121	91					
	Rivers	HIGH	2	771310				5121	107					
	TOTAL	LOW	11	911437		2	514	5515	230					
	TOTAL	HIGH	11	911437		3	534	5515	246					
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161198		20	6065	5613	5574			206	371	
	Sewage	HIGH	5	161198		20	6065	5613	5574			238	376	
	Rivers	LOW	2	518518			786	2183	221			151	22	
	Rivers	HIGH	2	518518			796	2255	283			151	858	
	TOTAL	LOW	7	679716		20	6852	7796	5795			357	394	
	TOTAL	HIGH	7	679716		20	6861	7868	5857			389	1234	
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	113691		13	3159	3379	2011			352	1065	
	Sewage	HIGH	2	113691		13	3159	3379	2011			352	1065	
	Rivers	LOW	1	493949										
	Rivers	HIGH	1	493949										
	TOTAL	LOW	3	607639		13	3159	3379	2011			352	1065	
	TOTAL	HIGH	3	607639		13	3159	3379	2011			352	1065	
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	60106	0	5	1450	1726	314			147	782	12
	Sewage	HIGH	3	60106	0	7	1450	1726	315			147	782	12
	Rivers	LOW	4	2707425	5	56	2877	11603	1784			3230	2476	598
	Rivers	HIGH	4	2707425	21	102	2881	11603	1856			3262	2552	611
	TOTAL	LOW	7	2767531	5	61	4327	13329	2098			3377	3258	610
	TOTAL	HIGH	7	2767531	22	108	4332	13329	2171			3409	3334	623

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	138196	5	1	2327	271	187			102	319	28
	Sewage	HIGH	6	138196	5	1	2327	271	187			103	322	28
	Rivers	LOW	4	5379950	0	480	17229	82701	25468			5796	11771	1928
	Rivers	HIGH	4	5379950	4	480	17229	82701	25468			6329	11806	1928
	TOTAL	LOW	10	5518146	5	481	19557	82972	25654			5897	12090	1956
	TOTAL	HIGH	10	5518146	9	481	19557	82972	25654			6432	12128	1956
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	8	99483								102	632	
	Sewage	HIGH	8	99483								102	632	
	Rivers	LOW	11	5097976	9	1414	58834	768467	5958			1201	12827	23793
	Rivers	HIGH	11	5097976	41	1428	58834	768467	6379			2491	13064	23793
	TOTAL	LOW	20	5198709	9	1414	58834	768467	5958			1303	13459	23793
	TOTAL	HIGH	20	5198709	41	1428	58834	768467	6379			2593	13695	23793
E19	Industrial	LOW	1	3420	0	1	8863	821	21			2	73	50
	Industrial	HIGH	1	3420	0	3	8863	821	27			9	73	50
	Sewage	LOW	4	17772	1	6	564	1533	263			41	48	22
	Sewage	HIGH	4	17772	1	6	564	1533	263			41	48	22
	Rivers	LOW	3	998508	0	114	7970	42808	2341			94	1226	4939
	Rivers	HIGH	3	998508	0	114	7970	42808	2344			131	1226	4939
	TOTAL	LOW	8	1019700	1	121	17397	45161	2625			137	1347	5011
	TOTAL	HIGH	8	1019700	1	122	17397	45161	2633			181	1347	5011
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	22311								5	6	
	Sewage	HIGH	2	22311								5	6	
	Rivers	LOW	2	2803125	0	80	3023	11399	1823			1127	4380	832
	Rivers	HIGH	2	2803125	19	80	3023	11399	1823			1338	4397	832
	TOTAL	LOW	4	2825437	0	80	3023	11399	1823			1132	4387	832
	TOTAL	HIGH	4	2825437	19	80	3023	11399	1823			1343	4403	832
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	31184	2	5	2957	7420	209			208	346	64
	Sewage	HIGH	1	31184	2	54	2957	7420	1450			267	509	65
	Rivers	LOW	3	1027450	3	29	1868	4932	921			1419	884	755
	Rivers	HIGH	3	1027450	8	52	1868	4932	932			1428	884	755
	TOTAL	LOW	4	1058634	5	34	4825	12352	1130			1627	1231	818
	TOTAL	HIGH	4	1058634	10	106	4825	12352	2382			1695	1393	819

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/yea)	Nickel Kg/year	Arsenic Kg/year
E22	Industrial	LOW	4	32833	11	5259	836	41067	1333			5019	706	857
	Industrial	HIGH	4	32833	11	5303	1927	41085	4413			5185	1058	857
	Sewage	LOW	2	191548	5	40	3126	23508	2224	2	0	1121	1449	93
	Sewage	HIGH	2	191548	6	40	3126	23508	2224	3	0	1121	1449	99
	Rivers	LOW	2	10003395	0	500	18465	84364	19914	3	4	5564	9234	6224
	Rivers	HIGH	2	10003395	309	642	18465	84364	19914	19	8	5797	9423	6239
	TOTAL	LOW	8	10227776	16	5798	22428	148939	23471	5	4	11704	11389	7173
	TOTAL	HIGH	8	10227776	326	5985	23518	148957	26552	22	8	12102	11930	7195
E23	Industrial	LOW	4	118962	1	17	756	4144	639					
	Industrial	HIGH	4	118962	2	24	756	4148	670					
	Sewage	LOW	4	2755888	22	73	12405	58181	4445					
	Sewage	HIGH	4	2755888	22	277	12405	58181	4445					
	Rivers	LOW	8	12555858	81	25	13249	44446	3983			1343	464	86
	Rivers	HIGH	8	12555858	179	1324	15412	44753	10817			6878	7177	4978
	TOTAL	LOW	16	15430708	105	116	26410	108772	9067			1343	464	86
	TOTAL	HIGH	16	15430708	203	1624	28573	107082	15932			6878	7177	4978
E24	Industrial	LOW	7	76130	2	21	353	24557	941			234	397	128
	Industrial	HIGH	7	76130	2	25	359	24560	956			267	406	150
	Sewage	LOW	4	145265	3	11	1775	8585	801			1343	825	182
	Sewage	HIGH	4	145265	3	24	1777	8585	839			1442	846	244
	Rivers	LOW	7	2976866	12	119	3826	56829	1320			1041	17898	158
	Rivers	HIGH	7	2976866	29	441	4436	56864	3111			4069	18674	2254
	TOTAL	LOW	18	3198261	17	151	5954	89971	3063			2518	19120	468
	TOTAL	HIGH	18	3198261	34	490	6571	90009	4906			5778	19926	2648
E25	Industrial	LOW	3	21226	1	1	274	899	114			0	2	0
	Industrial	HIGH	3	21226	1	4	274	899	117			0	2	0
	Sewage	LOW	3	102229	0	0	719	4809	530			6	22	35
	Sewage	HIGH	3	102229	0	12	719	4809	543			24	35	38
	Rivers	LOW	7	4688924	12	1	4107	25047	2148			64	228	1140
	Rivers	HIGH	7	4688924	25	771	6117	25154	5237			3548	3610	3434
	TOTAL	LOW	13	4812379	12	3	5100	30755	2792			70	252	1175
	TOTAL	HIGH	13	4812379	26	786	7110	30862	5897			3573	3647	3472
E26	Industrial	LOW	1	369	0	0	1	7	2			0		
	Industrial	HIGH	1	369	0	0	1	7	2			0		
	Sewage	LOW	1	18790	0	1	95	354	149			2	2	1
	Sewage	HIGH	1	18790	0	2	96	354	150			22	22	14
	Rivers	LOW	6	5324504	4	72	2209	126760	9352			44	211	0
	Rivers	HIGH	6	5324504	41	1112	4432	127167	11419			3948	4051	2805
	TOTAL	LOW	8	5343663	4	72	2305	127121	9504			45	214	1
	TOTAL	HIGH	8	5343663	41	1115	4529	127528	11571			3970	4073	2820

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyltin Kg/year	Triphenyltin Kg/year	Chromium Kg/yea)	Nickel Kg/year	Arsenic Kg/year
E27	Industrial	LOW	4	13870	0	1	163	909	23					
	Industrial	HIGH	4	13870	0	1	163	909	24					
	Sewage	LOW	6	47420	0	4	804	1394	128			25	29	1
	Sewage	HIGH	6	47420	1	4	804	1394	132			26	29	9
	Rivers	LOW	3	4970966	6	152	9479	73640	3017			7264	5209	2755
	Rivers	HIGH	3	4970966	98	1103	9479	73767	3635			7700	5849	5916
	TOTAL	LOW	13	5032256	6	157	10446	75944	3168			7289	5237	2755
	TOTAL	HIGH	13	5032256	100	1109	10446	76070	3790			7726	5878	5925
E28	Industrial	LOW	3	28000	1128	0	1272	5493	12839			21	146	
	Industrial	HIGH	3	28000	1128	2	1272	5493	12847			21	148	
	Sewage	LOW	4	231530	0	50	4582	21247	1841			2016	2033	
	Sewage	HIGH	4	231530	0	50	4582	21247	2997			2016	2773	
	Rivers	LOW	4	5794666	502	552	22423	84207	18826			15916	15425	409
	Rivers	HIGH	4	5794666	503	555	22423	84207	19206			15918	15436	409
	TOTAL	LOW	11	6054196	1630	603	28277	110947	33506			17953	17605	409
	TOTAL	HIGH	11	6054196	1631	608	28277	110947	35050			17954	18357	409
E29	Industrial	LOW	1	6982	381								0	
	Industrial	HIGH	1	6982	381								0	
	Sewage	LOW	1	83200		28	594	1474	378			114	39	
	Sewage	HIGH	1	83200		64	608	1474	508			387	363	
	Rivers	LOW	7	8865221	114	906	11436	46363	9496			18609	6569	2942
	Rivers	HIGH	7	8865221	212	907	11476	46671	15078			28971	6747	2942
	TOTAL	LOW	9	8955404	495	935	12030	47637	9875			18723	6608	2942
	TOTAL	HIGH	9	8955404	593	971	12084	48144	15586			29358	7109	2942
E30	Industrial	LOW	1	30000	89	7120	11180	127680	277					
	Industrial	HIGH	1	30000	89	7120	11180	127680	277					
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	7743586	196	818	6442	29538	16604			11909	4660	
	Rivers	HIGH	2	7743586	198	818	6442	32962	18179			20472	4675	
	TOTAL	LOW	3	7773586	285	7938	17622	157218	16881			11909	4660	
	TOTAL	HIGH	3	7773586	287	7938	17622	160642	18456			20472	4675	
TOTALS	Industrial	LOW	55	669100	1688	12700	72305	813161	37793			200206	15250	6752
	Industrial	HIGH	55	669100	1690	12919	73487	813186	41733			200514	15645	6797
	Sewage	LOW	98	8186192	124	512	86830	281147	44931	2	0	33760	21016	774
	Sewage	HIGH	98	8186192	240	1604	88083	281151	49999	3	0	44623	33804	5871
	Rivers	LOW	115	118371789	1243	7728	284211	2043489	260265	3	4	114432	227000	66546
	Rivers	HIGH	115	118371789	3178	13847	293050	2067412	286715	30	14	166432	265396	105831
	TOTAL	LOW	268	127227081	3054	20941	443346	3137797	342988	6	4	348397	263267	74071
	TOTAL	HIGH	268	127227081	5108	28371	454620	3161749	378447	33	14	411569	314846	118499

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E2	Industrial	LOW	1	4	0										
	Industrial	HIGH	1	4	0										
	Sewage	LOW	1	400123		0	0	25	37	0	25	0			9391
	Sewage	HIGH	1	400123		290	290	290	303	290	290	290			9496
	Rivers	LOW	3	3833412	0	0	0	0	0	0	0	0			138
	Rivers	HIGH	3	3833412	12	3088	3088	3088	3088	3088	3087	3087			2814
	TOTAL	**LOW**	**5**	**4233540**	**0**	**0**	**0**	**25**	**37**	**0**	**25**	**0**			**9529**
	TOTAL	**HIGH**	**5**	**4233540**	**12**	**3378**	**3378**	**3378**	**3391**	**3378**	**3377**	**3377**			**12310**
E3	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW													
	Sewage	HIGH													
	Rivers	LOW	1	907511		0	0	0	0	0	0	0			734
	Rivers	HIGH	1	907511		551	551	551	551	551	551	551			960
	TOTAL	**LOW**	**1**	**907511**		**0**	**0**	**0**	**0**	**0**	**0**	**0**			**734**
	TOTAL	**HIGH**	**1**	**907511**		**551**	**551**	**551**	**551**	**551**	**551**	**551**			**960**
E4	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	1	140289		8	0	0	0	9	0	63			928
	Sewage	HIGH	1	140289		109	105	105	105	108	109	160			950
	Rivers	LOW													
	Rivers	HIGH													
	TOTAL	**LOW**	**1**	**140289**		**8**	**0**	**0**	**0**	**9**	**0**	**63**			**928**
	TOTAL	**HIGH**	**1**	**140289**		**109**	**105**	**105**	**105**	**108**	**109**	**160**			**950**
E5	Industrial	LOW	4	150112	15	0	30	0	0	0	0	0			144
	Industrial	HIGH	4	150112	15	109	139	109	109	109	109	109			201
	Sewage	LOW	2	92311		0	40	157	164	108	171	31			730
	Sewage	HIGH	2	92311		68	105	223	230	174	237	98			752
	Rivers	LOW	1	1490387		0	0	0	0	0	0	0			548
	Rivers	HIGH	1	1490387		1139	1139	1139	1139	1139	1139	1139			1404
	TOTAL	**LOW**	**7**	**1732810**	**15**	**0**	**70**	**157**	**164**	**108**	**171**	**31**			**1422**
	TOTAL	**HIGH**	**7**	**1732810**	**15**	**1316**	**1382**	**1471**	**1478**	**1422**	**1485**	**1346**			**2357**
E6	Industrial	LOW	1	25112		0	0	0	0	0	0	0			0
	Industrial	HIGH	1	25112		51	51	51	51	51	51	41		50	51
	Sewage	LOW	1	19618	0	0	0	0	0	0	0	0		0	374
	Sewage	HIGH	1	19618	0	36	36	35	36	36	35	35		36	376
	Rivers	LOW	1	326490	0								0	0	89
	Rivers	HIGH	1	326490	4								1216	121	132
	TOTAL	**LOW**	**3**	**371220**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**463**
	TOTAL	**HIGH**	**3**	**371220**	**4**	**87**	**87**	**86**	**87**	**87**	**86**	**76**	**1216**	**207**	**559**

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E7	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	1	4560	0	0	0	0	0	0	0	0		0	118
	Sewage	HIGH	1	4560	0	8	8	8	8	8	8	8		9	118
	Rivers	LOW													
	Rivers	HIGH													
	Total	**LOW**	**1**	**4560**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**	**118**
	Total	**HIGH**	**1**	**4560**	**0**	**8**	**8**	**8**	**8**	**8**	**8**	**8**		**9**	**118**
E7a	Industrial	LOW	11	109347	0	0	1	0	0	0	0	0		0	2
	Industrial	HIGH	11	109347	0	19	19	19	19	19	19	19		374	21
	Sewage	LOW	9	181068	12	0	0	0	0	0	0	0		59	4098
	Sewage	HIGH	9	181068	12	243	243	243	243	243	233	224		501	4098
	Rivers	LOW	9	17444263	3	0	2435	2427	2766	2763	0	0	0	4399	45621
	Rivers	HIGH	9	17444263	63	11353	12692	12862	12699	12619	10907	10854	127355	7266	53123
	Total	**LOW**	**29**	**17734678**	**15**	**0**	**2435**	**2427**	**2766**	**2763**	**0**	**0**	**0**	**4458**	**49721**
	Total	**HIGH**	**29**	**17734678**	**75**	**11616**	**12954**	**13124**	**12961**	**12882**	**11159**	**11097**	**127355**	**8142**	**57242**
E9	Industrial	LOW	3	3573										1	11
	Industrial	HIGH	3	3573										24	11
	Sewage	LOW	5	133005										68	
	Sewage	HIGH	5	133005										730	
	Rivers	LOW	9	6125613	1	0	0	0	0	0	0	0		16694	16997
	Rivers	HIGH	9	6125613	5	11073	11073	11073	11075	11073	11073	11073		16694	16997
	TOTAL	**LOW**	**17**	**6262192**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**16763**	**17008**
	TOTAL	**HIGH**	**17**	**6262192**	**5**	**11073**	**11073**	**11073**	**11075**	**11073**	**11073**	**11073**		**17448**	**17008**
E10	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	4	104405		0	0	0	0	0	0	0		138	877
	Sewage	HIGH	4	104405		110	110	110	110	110	110	110		447	877
	Rivers	LOW	7	1466717	1	0	0	0	0	0	0	0		3682	3682
	Rivers	HIGH	7	1466717	2	2309	2309	2309	2309	2309	2309	2309		4085	3726
	TOTAL	**LOW**	**11**	**1571123**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**3820**	**4559**
	TOTAL	**HIGH**	**11**	**1571123**	**2**	**2419**	**2419**	**2419**	**2419**	**2419**	**2419**	**2419**		**4532**	**4603**
E11	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	5	80751											
	Sewage	HIGH	5	80751											
	Rivers	LOW	3	419506	0	0	0	0	0	0	0	0		7625	8195
	Rivers	HIGH	3	419506	0	827	827	827	827	827	827	827		7625	8195
	TOTAL	**LOW**	**8**	**500257**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**7625**	**8195**
	TOTAL	**HIGH**	**8**	**500257**	**0**	**827**	**827**	**827**	**827**	**827**	**827**	**827**		**7625**	**8195**

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E12	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	9	2718034		0	0	23	0	0	0	7	147	71094	66761
	Sewage	HIGH	9	2718034		5017	5025	5058	5097	5121	5063	5103	35278	71094	66761
	Rivers	LOW	3	3635690	0	0	0	0	0	0	0	0	0	39893	26929
	Rivers	HIGH	3	3635690	0	6747	6679	6992	6992	6981	6992	6989	47544	39893	26929
	TOTAL	LOW	12	6353724	0	0	0	23	0	0	0	7	147	110987	93691
	TOTAL	HIGH	12	6353724	0	11764	11704	12049	12089	12102	12054	12091	82823	110987	93691
E13	Industrial	LOW	5	47910											5
	Industrial	HIGH	5	47910											18
	Sewage	LOW	4	92217											1
	Sewage	HIGH	4	92217											1
	Rivers	LOW	2	771310		0	0	0	0	0	0	0	727		4377
	Rivers	HIGH	2	771310		224	224	224	224	224	224	224	727		4615
	TOTAL	LOW	11	911437		0	0	0	0	0	0	0	727		4382
	TOTAL	HIGH	11	911437		224	224	224	224	224	224	224	727		4634
E14	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	5	161198		0	0	0	0	0	0	0	454		662
	Sewage	HIGH	5	161198		145	145	145	145	145	145	145	454		700
	Rivers	LOW	2	518518											
	Rivers	HIGH	2	518518											
	TOTAL	LOW	7	679716		0	0	0	0	0	0	0	454		662
	TOTAL	HIGH	7	679716		145	145	145	145	145	145	145	454		700
E15	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	2	113691	1157	0	0	0	0	0	0	0	651		476
	Sewage	HIGH	2	113691	1157	207	207	207	207	207	207	207	711		507
	Rivers	LOW	1	493949											
	Rivers	HIGH	1	493949											
	TOTAL	LOW	3	607639	1157	0	0	0	0	0	0	0	651		476
	TOTAL	HIGH	3	607639	1157	207	207	207	207	207	207	207	711		507
E16	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	3	60106		0	0	0	0	0	0	0			1009
	Sewage	HIGH	3	60106		10	11	11	8	10	10	8			1020
	Rivers	LOW	4	2707425		0	173	0	0	9	0	42			3514
	Rivers	HIGH	4	2707425		2383	2888	2858	1911	2528	2508	1911			3521
	TOTAL	LOW	7	2767531		0	173	0	0	10	0	42			4523
	TOTAL	HIGH	7	2767531		2392	2900	2869	1919	2539	2518	1919			4541

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E17	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	6	138196		2	0	0	2	0	0	0			712
	Sewage	HIGH	6	138196		51	60	61	40	60	51	40			712
	Rivers	LOW	4	5379950											264
	Rivers	HIGH	4	5379950											270
	TOTAL	LOW	10	5518146		2	0	0	2	0	0	0			976
	TOTAL	HIGH	10	5518146		51	60	61	40	60	51	40			982
E18	Industrial	LOW	1	1250	3										
	Industrial	HIGH	1	1250	3										
	Sewage	LOW	8	99483											390
	Sewage	HIGH	8	99483											391
	Rivers	LOW	11	5097976		0	13	0	0	2	0	0			1010
	Rivers	HIGH	11	5097976		141	174	168	112	160	144	112			1010
	TOTAL	LOW	20	5198709	3	0	13	0	0	2	0	0			1401
	TOTAL	HIGH	20	5198709	3	141	174	168	112	160	144	112			1401
E19	Industrial	LOW	1	3420											
	Industrial	HIGH	1	3420											
	Sewage	LOW	4	17772		1	0	0	0	0	0	0			66
	Sewage	HIGH	4	17772		6	10	11	6	10	8	6			66
	Rivers	LOW	3	998508											
	Rivers	HIGH	3	998508											
	TOTAL	LOW	8	1019700		1	0	0	0	0	0	0			66
	TOTAL	HIGH	8	1019700		8	10	11	6	10	8	6			66
E20	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	2	22311											97
	Sewage	HIGH	2	22311											97
	Rivers	LOW	2	2803125											1511
	Rivers	HIGH	2	2803125											1573
	TOTAL	LOW	4	2825437											1608
	TOTAL	HIGH	4	2825437											1670
E21	Industrial	LOW													
	Industrial	HIGH													
	Sewage	LOW	1	31184											621
	Sewage	HIGH	1	31184											621
	Rivers	LOW	3	1027450		0	0	0	39	0	60	17			1877
	Rivers	HIGH	3	1027450		678	810	810	549	807	699	544			1877
	TOTAL	LOW	4	1058634		0	0	0	39	0	60	17			2498
	TOTAL	HIGH	4	1058634		678	810	810	549	807	699	544			2498

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E22	Industrial	LOW	4	32833											271
	Industrial	HIGH	4	32833											286
	Sewage	LOW	2	191548		0	0	0	0	0	0	0	0		2325
	Sewage	HIGH	2	191548		1050	1050	1050	1050	1050	1050	1050	7352		3375
	Rivers	LOW	2	10003395		0	0	23883	0	15	0	0	0		7549
	Rivers	HIGH	2	10003395		9404	9619	33070	9183	9843	9449	9213	162702		25335
	TOTAL	LOW	8	10227775		0	0	23883	0	15	0	0	0		10144
	TOTAL	HIGH	8	10227775		10454	10670	34120	10234	10893	10499	10263	170053		28996
E23	Industrial	LOW	4	118962	1	52280	14045	14211	9813	9951	8932	41	109269	0	0
	Industrial	HIGH	4	118962	2	58396	26870	27036	22510	22647	21628	14017	152086	7526	7526
	Sewage	LOW	4	2755888	174	0	0	0	0	0	0	0	0	152	152
	Sewage	HIGH	4	2755888	174	20758	20758	20758	20758	20758	20758	20758	145304	20912	20912
	Rivers	LOW	8	12555858	20	0	0	0	0	0	0	0	0	256	256
	Rivers	HIGH	8	12555858	31	25981	25981	25981	25981	25981	25981	25981	181869	56813	22385
	TOTAL	LOW	16	15430708	195	52280	14045	14211	9813	9951	8932	41	109269	408	408
	TOTAL	HIGH	16	15430708	207	105135	73609	79775	69249	69386	68367	60757	479260	85251	50823
E24	Industrial	LOW	7	76130	2	0	0	0	0	0	0	0	0	1	1
	Industrial	HIGH	7	76130	2	470	470	470	470	470	470	470	3293	500	500
	Sewage	LOW	4	145265	1	0	0	0	0	0	0	0	0	447	447
	Sewage	HIGH	4	145265	1	941	941	941	941	941	941	941	6586	1310	1310
	Rivers	LOW	7	2976866	3	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	7	2976866	6	5936	5936	5936	5936	5936	5936	5936	41554	17057	6580
	TOTAL	LOW	18	3198261	6	0	0	0	0	0	0	0	0	448	448
	TOTAL	HIGH	18	3198261	10	7348	7348	7348	7348	7348	7348	7348	51434	18866	8389
E25	Industrial	LOW	3	21226	0	0	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	3	21226	0	199	199	244	244	244	244	244	1620	244	244
	Sewage	LOW	3	102229	2	0	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	3	102229	2	596	596	596	596	596	596	596	4174	647	647
	Rivers	LOW	7	4688924	86	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	7	4688924	90	7551	7551	7551	7551	7551	7551	7551	52854	11732	8164
	TOTAL	LOW	13	4812379	88	0	0	0	0	0	0	0	0	0	0
	TOTAL	HIGH	13	4812379	93	8345	8346	8391	8391	8391	8391	8391	58648	12624	9055
E26	Industrial	LOW	1	369		0	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	1	369		0	0	0	0	0	0	0	3	0	0
	Sewage	LOW	1	18790	0	0	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	18790	0	138	138	138	138	138	138	138	965	379	132
	Rivers	LOW	6	5324504	10	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	6	5324504	16	6653	6653	6653	6653	6653	6653	6653	46574	14552	8235
	TOTAL	LOW	8	5343663	10	0	0	0	0	0	0	0	0	0	0
	TOTAL	HIGH	8	5343663	16	6792	6792	6792	6792	6792	6792	6792	47543	14931	8367

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Organo Tin Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year	Gamma HCH g/year
E27	Industrial	LOW	4	13870		0	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	4	13870		90	90	90	90	90	90	90	629	86	86
	Sewage	LOW	6	47420	0	0	0	0	0	0	0	0	0	137	137
	Sewage	HIGH	6	47420	0	52	52	52	52	52	52	52	365	660	660
	Rivers	LOW	3	4970966	16	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	4970966	21	4797	4797	4797	4797	4797	4797	4797	33579	12330	5007
	TOTAL	LOW	13	5032258	16	0	0	0	0	0	0	0	0	137	137
	TOTAL	HIGH	13	5032258	21	4939	4939	4939	4939	4939	4939	4939	34573	13075	5752
E28	Industrial	LOW	3	28000											0
	Industrial	HIGH	3	28000											1
	Sewage	LOW	4	231530	5										10421
	Sewage	HIGH	4	231530	5										10624
	Rivers	LOW	4	5794666	2										58381
	Rivers	HIGH	4	5794666	10										59143
	TOTAL	LOW	11	6054196	7										68802
	TOTAL	HIGH	11	6054196	15										69766
E29	Industrial	LOW	1	6982											
	Industrial	HIGH	1	6982											
	Sewage	LOW	1	83200											6747
	Sewage	HIGH	1	83200											6754
	Rivers	LOW	7	8865221	0										22445
	Rivers	HIGH	7	8865221	0										28420
	TOTAL	LOW	9	8955404	0										29192
	TOTAL	HIGH	9	8955404	0										35175
E30	Industrial	LOW	1	30000											
	Industrial	HIGH	1	30000											
	Sewage	LOW													
	Sewage	HIGH													
	Rivers	LOW	2	7743586											4706
	Rivers	HIGH	2	7743586											14011
	TOTAL	LOW	3	7773586											4706
	TOTAL	HIGH	3	7773586											14011
TOTALS	Industrial	LOW	55	669100	22	52280	14076	14211	9813	9951	8932	41	109269	2	434
	Industrial	HIGH	55	669100	22	59335	27838	28020	23494	23631	22613	14992	157631	8805	8945
	Sewage	LOW	98	8186192	1351	11	40	204	203	117	195	101	1252	72095	107542
	Sewage	HIGH	98	8186192	1352	29836	29891	30042	30073	30057	30041	29969	201190	96724	131958
	Rivers	LOW	115	118371789	142	0	2621	26309	2805	2790	60	60	727	72549	208822
	Rivers	HIGH	115	118371789	263	100835	102990	126887	101576	103066	100827	99750	695975	188168	304425
	TOTAL	LOW	268	127227081	1516	52291	16737	40725	12821	12858	9187	202	111249	144646	316797
	TOTAL	HIGH	268	127227081	1637	190006	160720	184949	155144	156755	153480	144710	1054797	293697	445329

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	HCB g/year	HCBD g/year
E2	Industrial	LOW	1	4						0	0	1		0
	Industrial	HIGH	1	4						3	3	4		3
	Sewage	LOW	1	400123	0	0	289	0	0	0	342773	28032	65	0
	Sewage	HIGH	1	400123	306	306	468	306	306	155657	468245	182912	332	155657
	Rivers	LOW	3	3833412	0	0	0	0	0	0	201318	318566	0	0
	Rivers	HIGH	3	3833412	2894	2894	2894	2894	11437	117748	290012	408395	2894	126681
	TOTAL	LOW	5	4233540	0	0	289	0	0	0	544091	346599	65	0
	TOTAL	HIGH	5	4233540	3200	3200	3362	3200	11743	273407	758259	591310	3226	282341
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	1	907511	0	0	0	0	146	1155	4388	15739	0	1800
	Rivers	HIGH	1	907511	540	540	540	540	613	27473	29366	36217	540	28117
	TOTAL	LOW	1	907511	0	0	0	0	146	1155	4388	15739	0	1800
	TOTAL	HIGH	1	907511	540	540	540	540	613	27473	29366	36217	540	28117
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	140289	0	0	76	0	0	0	27988	22883	47	56838
	Sewage	HIGH	1	140289	102	104	152	102	102	40603	68197	63092	122	89163
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	140289	0	0	76	0	0	0	27988	22883	47	56838
	TOTAL	HIGH	1	140289	102	104	152	102	102	40603	68197	63092	122	89163
E5	Industrial	LOW	4	150112	0	0	0	0	73	634037	24439	7840579	416	29429
	Industrial	HIGH	4	150112	110	110	110	110	178	690161	82715	7893241	474	90194
	Sewage	LOW	2	92311	0	26	47	0	32	0	549212	806562	9	0
	Sewage	HIGH	2	92311	68	85	98	68	93	27127	564210	832004	73	27127
	Rivers	LOW	1	1490387	0	0	0	0	284	1504	734038	147960	0	2644
	Rivers	HIGH	1	1490387	1055	1055	1055	1055	1245	53757	767831	180836	1055	54898
	TOTAL	LOW	7	1732810	0	26	47	0	389	635541	1307689	8795101	425	32073
	TOTAL	HIGH	7	1732810	1233	1250	1263	1233	1516	771045	1414756	8906081	1602	172218
E6	Industrial	LOW	1	25112	0									
	Industrial	HIGH	1	25112	103									
	Sewage	LOW	1	19618	12	0	67	0	0	0			0	0
	Sewage	HIGH	1	19618	75	34	82	69	36	181			69	175
	Rivers	LOW	1	326490	0	0	0	0	41	0	0	0	0	0
	Rivers	HIGH	1	326490	203	119	121	220	161	1104	9074	9074	99	243
	TOTAL	LOW	3	371220	12	0	67	0	41	0	0	0	0	0
	TOTAL	HIGH	3	371220	381	153	203	289	196	1285	9074	9074	167	419

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E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	4560	0	0	10	0	0				0	0
	Sewage	HIGH	1	4560	16	7	15	16	8				8	38
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**1**	**4560**	**0**	**0**	**10**	**0**	**0**				**0**	**0**
	Total	**HIGH**	**1**	**4560**	**16**	**7**	**15**	**16**	**8**				**8**	**38**
E7a	Industrial	LOW	11	109347	0					0	53610	8412975	0	
	Industrial	HIGH	11	109347	39					281	54471	8413482	19	
	Sewage	LOW	9	181068	0	0	195	0	0	0	972715	3144587	21	0
	Sewage	HIGH	9	181068	399	209	385	507	236	8017	972715	3144587	250	992
	Rivers	LOW	9	17444263	0	0	2602	0	2225	369338	26168	8	0	0
	Rivers	HIGH	9	17444263	21045	16268	18247	20780	20329	740669	370342	352942	18200	83377
	Total	**LOW**	**29**	**17734878**	**0**	**0**	**2798**	**0**	**2225**	**369338**	**1052493**	**11557570**	**21**	**0**
	Total	**HIGH**	**29**	**17734678**	**21483**	**16477**	**18632**	**21287**	**20565**	**748968**	**1397528**	**11911011**	**18470**	**84370**
E9	Industrial	LOW	3	3573							523	1403		
	Industrial	HIGH	3	3573							1115	1922		
	Sewage	LOW	5	133005							3317	2432		
	Sewage	HIGH	5	133005							4906	4021		
	Rivers	LOW	9	6125613	0	0	0	20	3343	0	59434	24250	0	0
	Rivers	HIGH	9	6125613	2580	1247	2204	1526	4738	11225	60496	28825	2196	2196
	TOTAL	**LOW**	**17**	**6262192**	**0**	**0**	**0**	**20**	**3343**	**0**	**63274**	**28085**	**0**	**0**
	TOTAL	**HIGH**	**17**	**6262192**	**2580**	**1247**	**2204**	**1526**	**4738**	**11225**	**66516**	**34768**	**2196**	**2196**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	104405	0	0	0	0	439	0	3037	33702	0	0
	Sewage	HIGH	4	104405	22	35	15	11	439	110	5235	33702	22	22
	Rivers	LOW	7	1466717	0	0	0	0	1080	0	9069	16543	0	0
	Rivers	HIGH	7	1466717	492	320	1085	263	1365	2309	9640	17685	462	462
	TOTAL	**LOW**	**11**	**1571123**	**0**	**0**	**0**	**0**	**1518**	**0**	**12106**	**50245**	**0**	**0**
	TOTAL	**HIGH**	**11**	**1571123**	**514**	**355**	**1100**	**274**	**1803**	**2419**	**14876**	**51388**	**484**	**484**
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	80751							28831	35559		
	Sewage	HIGH	5	80751							30264	35758		
	Rivers	LOW	3	419506	0	0	0	0	63	0	4541	2331	0	0
	Rivers	HIGH	3	419506	171	83	384	98	203	827	4555	2669	165	165
	TOTAL	**LOW**	**8**	**500257**	**0**	**0**	**0**	**0**	**63**	**0**	**33372**	**37890**	**0**	**0**
	TOTAL	**HIGH**	**8**	**500257**	**171**	**83**	**384**	**98**	**203**	**827**	**34819**	**38427**	**165**	**165**

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	HCB g/year	HCBD g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	2718034	0	0	478	0	252	0	27435	1083248	0	0
	Sewage	HIGH	9	2718034	5911	5650	5689	5843	7371	258332	717452	1410356	5023	48780
	Rivers	LOW	3	3635690	0	0	0	0	298	0	245680	121103	0	0
	Rivers	HIGH	3	3635690	6494	6506	6526	7795	8785	379441	1316761	1092160	6709	65386
	TOTAL	LOW	12	6353724	0	0	478	0	550	0	273116	1204351	0	0
	TOTAL	HIGH	12	6353724	12405	12155	12214	13639	16156	637773	2034214	2502516	11732	114166
E13	Industrial	LOW	5	47910							1	3		
	Industrial	HIGH	5	47910							1	3		
	Sewage	LOW	4	92217		0	0							
	Sewage	HIGH	4	92217		0	0							
	Rivers	LOW	2	771310										
	Rivers	HIGH	2	771310										
	TOTAL	LOW	11	911437		0	0				1	3		
	TOTAL	HIGH	11	911437		0	0				1	3		
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161198			0				39	55		
	Sewage	HIGH	5	161198			1				39	55		
	Rivers	LOW	2	518518										
	Rivers	HIGH	2	518518										
	TOTAL	LOW	7	679716			0				39	55		
	TOTAL	HIGH	7	679716			1				39	55		
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	113691		0					327	209		
	Sewage	HIGH	2	113691		0					328	209		
	Rivers	LOW	1	493949										
	Rivers	HIGH	1	493949										
	TOTAL	LOW	3	607639		0					327	209		
	TOTAL	HIGH	3	607639		0					328	209		
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	60106			22				17436	13326		0
	Sewage	HIGH	3	60106			35				21853	13349		0
	Rivers	LOW	4	2707425	0	0	340	0		30	12421	11042	20	35
	Rivers	HIGH	4	2707425	23	693	722	28		1272	213736	54333	438	121
	TOTAL	LOW	7	2767531	0	0	362	0		30	29857	24369	20	35
	TOTAL	HIGH	7	2767531	23	693	757	28		1272	235589	67682	438	121

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	HCB g/year	HCBD g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	138196	0	0	32	2	8	0	961	2399	6	0
	Sewage	HIGH	6	138196	9	13	32	12	37	218	3787	2715	12	36
	Rivers	LOW	4	5379950	0	0	18	0	0	0			0	0
	Rivers	HIGH	4	5379950	109	154	135	133	574	2629			109	398
	TOTAL	LOW	10	5518146	0	0	49	2	8	0	961	2399	6	0
	TOTAL	HIGH	10	5518146	118	167	167	144	612	2848	3787	2715	120	434
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	8	99483	0	0	31	3	0	0	549	513	37	8
	Sewage	HIGH	8	99483	9	12	36	14	35	270	1254	680	40	38
	Rivers	LOW	11	5097976	0	0	23	0	874	0			0	0
	Rivers	HIGH	11	5097976	528	740	634	634	2727	10770			528	2113
	TOTAL	LOW	20	5198709	0	0	54	3	874	0	549	513	37	8
	TOTAL	HIGH	20	5198709	537	752	670	648	2762	11039	1254	680	568	2152
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17772	2	0	7	1	0	0	117	22	1	0
	Sewage	HIGH	4	17772	3	1	8	2	2	30	230	64	1	2
	Rivers	LOW	3	998508										
	Rivers	HIGH	3	998508										
	TOTAL	LOW	8	1019700	2	0	7	1	0	0	117	22	1	0
	TOTAL	HIGH	8	1019700	3	1	8	2	2	30	230	64	1	2
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	22311	1	0	14	0	0	0	880	3077	2	0
	Sewage	HIGH	2	22311	1	1	14	1	3	28	1536	3077	2	3
	Rivers	LOW	2	2803125	126	0	46	0	2652	0			0	5259
	Rivers	HIGH	2	2803125	550	729	635	627	3629	11848			511	6935
	TOTAL	LOW	4	2825437	127	0	59	0	2652	0	880	3077	2	5259
	TOTAL	HIGH	4	2825437	552	730	649	628	3632	11877	1536	3077	514	6938
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	31184			223	33			4223	7372		41
	Sewage	HIGH	1	31184			227	72			4920	7452		67
	Rivers	LOW	3	1027450			136	0			0	0		0
	Rivers	HIGH	3	1027450			142	166			63916	15979		587
	TOTAL	LOW	4	1058634			358	33			4223	7372		41
	TOTAL	HIGH	4	1058634			369	238			68836	23431		655

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloroet hylene g/year	HCB g/year	HCBD g/year
E22	Industrial	LOW	4	32833			0	0			35500	850	69	39
	Industrial	HIGH	4	32833			1	1			406357	98936	76	41
	Sewage	LOW	2	191548	0	0	342	0	0	504	36164	92702	86	0
	Sewage	HIGH	2	191548	1143	1050	1448	1384	50	2993	51729	92702	1393	582
	Rivers	LOW	2	10003395	41	0	525	0	0	69	0	0	0	0
	Rivers	HIGH	2	10003395	15689	16550	17089	16854	17232	971630	84737	21184	16550	130077
	TOTAL	LOW	8	10227776	41	0	867	0	0	573	71654	93552	155	39
	TOTAL	HIGH	8	10227776	16832	17600	18538	18239	17261	974623	542823	212822	18019	130700
E23	Industrial	LOW	4	118962	0	0	0	0	0	22930	3194		0	0
	Industrial	HIGH	4	118962	7526	7526	7400	28327	7526	35758	3194		7526	7526
	Sewage	LOW	4	2755888	0	0	0	0	0	0	90431746	320359837	9	0
	Sewage	HIGH	4	2755888	20758	20758	20758	41500	20758	31359	90431746	320359837	20775	20758
	Rivers	LOW	8	12555858	115	0	0	0	0	0	414328	42479	0	0
	Rivers	HIGH	8	12555858	22430	22196	22196	44569	26029	74125	428865	99712	22471	22471
	TOTAL	LOW	16	15430708	115	0	0	0	0	22930	90849268	320402316	9	0
	TOTAL	HIGH	16	15430708	50714	50480	50354	114396	54313	141242	90863805	320459548	50773	50755
E24	Industrial	LOW	7	76130	0	0	0	0	0	0	36270	17	0	0
	Industrial	HIGH	7	76130	62	62	62	125	62	688	56504	20561	399	399
	Sewage	LOW	4	145265	0	0	0	0	0	0	10242	9280	0	0
	Sewage	HIGH	4	145265	991	991	991	1982	991	1267	79055	78109	1065	991
	Rivers	LOW	7	2976866	0	0	0	0	0	0	277475	130270	0	0
	Rivers	HIGH	7	2976866	5803	5803	5803	11607	2546	3729	281899	147760	5803	5803
	TOTAL	LOW	18	3198261	0	0	0	0	0	0	322987	139567	0	0
	TOTAL	HIGH	18	3198261	6857	6857	6857	13713	3599	5683	417456	248430	7267	7193
E25	Industrial	LOW	3	21226	0	0	0	0	0	0	39490	5	0	0
	Industrial	HIGH	3	21226	402	244	244	804	402	421	39598	233	402	402
	Sewage	LOW	3	102229	0	0	0	0	0	0	10581	5070	0	0
	Sewage	HIGH	3	102229	480	480	480	961	480	938	10581	5070	480	480
	Rivers	LOW	7	4688924	0	0	0	0	0	107	34866	954	0	0
	Rivers	HIGH	7	4688924	8129	8129	8129	15574	7516	43177	42338	12960	8129	8129
	TOTAL	LOW	13	4812379	0	0	0	0	0	107	84937	6029	0	0
	TOTAL	HIGH	13	4812379	9011	8853	8853	17339	8398	44536	92518	18262	9011	9011
E26	Industrial	LOW	1	369	0	0	0	0	0	0			0	0
	Industrial	HIGH	1	369	0	0	0	0	0	2			0	0
	Sewage	LOW	1	18790	0	0	0	0	0	0			0	0
	Sewage	HIGH	1	18790	132	132	132	263	138	166			138	138
	Rivers	LOW	6	5324504	0	0	0	0	0	0	0	43366	0	0
	Rivers	HIGH	6	5324504	8285	8235	8235	14054	6653	58994	64627	101341	8101	8101
	TOTAL	LOW	8	5343663	0	0	0	0	0	0	0	43366	0	0
	TOTAL	HIGH	8	5343663	8417	8367	8367	14318	6792	59162	64627	101341	8240	8240

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloroethylene g/year	Tetrachloroethylene g/year	HCB g/year	HCBD g/year
E27	Industrial	LOW	4	13870	0	0	0	0	0	0			0	1
	Industrial	HIGH	4	13870	86	86	86	157	86	134			86	86
	Sewage	LOW	6	47420	0	0	0	0	0	0	381	4314	0	0
	Sewage	HIGH	6	47420	53	53	53	54	53	229	2427	5539	53	53
	Rivers	LOW	3	4970966	0	0	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	4970966	5007	5007	5007	5007	4797	24758	150458	150458	5007	5007
	TOTAL	LOW	13	5032256	0	0	0	0	0	0	381	4314	0	1
	TOTAL	HIGH	13	5032256	5145	5145	5145	5217	4935	25121	152885	155997	5145	5146
E28	Industrial	LOW	3	28000	0	0	0	0	0	90812	9812	4836	20	10
	Industrial	HIGH	3	28000	1	0	1	1	0	91347	9812	5226	20	10
	Sewage	LOW	4	231530						223934	369652	745419	1668	1998
	Sewage	HIGH	4	231530						298737	369652	759271	5425	5403
	Rivers	LOW	4	5794666	12210	7652	3911	0	0	0	5495395	2419927	26599	5021
	Rivers	HIGH	4	5794666	15236	9511	6030	5667	757	1774665	5495395	3554250	116972	99696
	TOTAL	LOW	11	6054196	12210	7652	3911	0	0	314746	5874860	3170183	28287	7029
	TOTAL	HIGH	11	6054196	15236	9512	6030	5669	757	2164749	5874860	4318747	122417	105109
E29	Industrial	LOW	1	6982										
	Industrial	HIGH	1	6982										
	Sewage	LOW	1	83200						14950	191723	129823	0	359
	Sewage	HIGH	1	83200						42982	191723	132354	1518	1601
	Rivers	LOW	7	8865221	2207	643	1554	0	0	4859	3478246	496984	87118	1192
	Rivers	HIGH	7	8865221	6746	3888	4889	20904	956	3314110	3478246	3721834	237898	185722
	TOTAL	LOW	9	8955404	2207	643	1554	0	0	19809	3669969	626807	87118	1551
	TOTAL	HIGH	9	8955404	6746	3888	4889	20904	956	3387093	3669969	3854188	239416	187323
E30	Industrial	LOW	1	30000										
	Industrial	HIGH	1	30000										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	7743586	0	0	3438	0	0	47763	2831670	0	1328	0
	Rivers	HIGH	2	7743586	2953	2842	6191	8504	0	2831670	2831670	2831670	151560	180390
	TOTAL	LOW	3	7773586	0	0	3438	0	0	47763	2831670	0	1328	0
	TOTAL	HIGH	3	7773586	2953	2842	6191	8504	0	2831670	2831670	2831670	151560	180390
TOTALS	Industrial	LOW	55	669100	0	0	0	0	73	747779	202837	16260668	505	29479
	Industrial	HIGH	55	669100	8329	8029	7904	29525	8254	818796	653770	16433608	9003	98662
	Sewage	LOW	98	8186192	15	26	1833	39	731	239388	93030330	326530424	1951	59244
	Sewage	HIGH	98	8186192	30476	29921	31116	53165	31137	869244	94002086	327166914	36801	352106
	Rivers	LOW	115	118371789	14699	8295	12591	20	11007	424824	13829038	3791522	115065	15950
	Rivers	HIGH	115	118371789	126964	113509	118892	179500	122290	10457928	15993963	12840286	606398	1017077
	TOTAL	LOW	268	127227081	14714	8321	14424	59	11810	1411991	107052206	346582814	117522	104672
	TOTAL	HIGH	268	127227081	165769	151459	157912	262190	161682	12145968	110649818	356440808	652202	1467844

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E2	Industrial	LOW	1	4	2	4								
	Industrial	HIGH	1	4	4	6								
	Sewage	LOW	1	400123	5625	1497981	0							
	Sewage	HIGH	1	400123	160505	1537252	306							
	Rivers	LOW	3	3833412	155343	440073	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	3833412	258663	497905	2664	35681	55328	64216	70902	53422	73572	97285
	TOTAL	LOW	5	4233540	160969	1938058	0	0	0	0	0	0	0	0
	TOTAL	HIGH	5	4233540	419172	2035162	2970	35681	55328	64216	70902	53422	73572	97285
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	1	907511	117337	98590	0	0	0	0	0	0	0	0
	Rivers	HIGH	1	907511	134205	98590	541	5381	10825	11274	15651	11247	14161	16410
	TOTAL	LOW	1	907511	117337	98590	0	0	0	0	0	0	0	0
	TOTAL	HIGH	1	907511	134205	98590	541	5381	10825	11274	15651	11247	14161	16410
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	140289	3587	496331	0							
	Sewage	HIGH	1	140289	43796	496331	102							
	Rivers	LOW												
	Rivers	HIGH												
	TOTAL	LOW	1	140289	3587	496331	0							
	TOTAL	HIGH	1	140289	43796	496331	102							
E5	Industrial	LOW	4	150112	414917	75984241	0	0	0	0	0	0	0	0
	Industrial	HIGH	4	150112	463361	75985756	110	954	1843	2066	2587	2227	2367	2765
	Sewage	LOW	2	92311	4414	829967	0				0			
	Sewage	HIGH	2	92311	30868	835009	68				37			
	Rivers	LOW	1	1490387	64895	287863	0	0	0	0	0	0	0	0
	Rivers	HIGH	1	1490387	100084	294269	1072	11629	22798	25159	32551	32719	28305	33966
	TOTAL	LOW	7	1732810	484225	77102070	0	0	0	0	0	0	0	0
	TOTAL	HIGH	7	1732810	594313	77115034	1250	12583	24641	27225	35174	34946	30673	36731
E6	Industrial	LOW	1	25112										
	Industrial	HIGH	1	25112										
	Sewage	LOW	1	19618			0				0			
	Sewage	HIGH	1	19618			71				345			
	Rivers	LOW	1	326490	0	663	0		0	726	0	0	0	0
	Rivers	HIGH	1	326490	6942	6524	321		700	726	943	971	804	800
	TOTAL	LOW	3	371220	0	663	0		0	726	0	0	0	0
	TOTAL	HIGH	3	371220	6942	6524	393		700	726	1288	971	804	800

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	4560			0							
	Sewage	HIGH	1	4560			16							
	Rivers	LOW												
	Rivers	HIGH												
	Total	**LOW**	**1**	**4560**			**0**							
	Total	**HIGH**	**1**	**4560**			**16**							
E7a	Industrial	LOW	11	109347	29244	1851308		0	7	0	0	0	0	0
	Industrial	HIGH	11	109347	30120	1851340		94	3381	81	3568	116	81	2004
	Sewage	LOW	9	181068	474	172526	0	0	0	0	563	0	0	0
	Sewage	HIGH	9	181068	5201	172586	472	119	181	119	5022	122	119	2270
	Rivers	LOW	9	17444263	0	1158611	0	50606	0	60838	4264	10499	0	0
	Rivers	HIGH	9	17444263	344992	1559959	53772	142972	69562	99345	70278	87928	158696	166057
	Total	**LOW**	**29**	**17734678**	**29718**	**3182445**	**0**	**50606**	**7**	**60838**	**4827**	**10499**	**0**	**0**
	Total	**HIGH**	**29**	**17734678**	**380312**	**3583885**	**54244**	**143184**	**73125**	**99545**	**78868**	**88167**	**158896**	**170330**
E9	Industrial	LOW	3	3573	2173	540233								
	Industrial	HIGH	3	3573	2812	540233								
	Sewage	LOW	5	133005				0	0	0	0	0	0	0
	Sewage	HIGH	5	133005				95	95	95	95	101	95	82
	Rivers	LOW	9	6125613	13108	113895	0	0	0	0	0	0	0	0
	Rivers	HIGH	9	6125613	26719	114223	1156	986	986	986	986	986	986	986
	TOTAL	**LOW**	**17**	**6262192**	**15281**	**654128**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	TOTAL	**HIGH**	**17**	**6262192**	**29531**	**654457**	**1156**	**1081**	**1081**	**1081**	**1081**	**1087**	**1081**	**1068**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	104405	473	14530	0	0	0	0	0	0	0	0
	Sewage	HIGH	4	104405	920	14646	11	575	575	575	575	597	575	953
	Rivers	LOW	7	1466717	562	28833	0	0	0	0	0	0	0	0
	Rivers	HIGH	7	1466717	3224	29480	239	1056	1056	1056	1056	1056	1056	1056
	TOTAL	**LOW**	**11**	**1571123**	**1035**	**43363**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	TOTAL	**HIGH**	**11**	**1571123**	**4144**	**44126**	**250**	**1631**	**1631**	**1631**	**1631**	**1653**	**1631**	**2009**
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	80751										
	Sewage	HIGH	5	80751										
	Rivers	LOW	3	419506	0	9294	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	419506	1025	9294	84	621	1403	1403	1403	1403	1403	1403
	TOTAL	**LOW**	**8**	**500257**	**0**	**9294**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	TOTAL	**HIGH**	**8**	**500257**	**1025**	**9294**	**84**	**621**	**1403**	**1403**	**1403**	**1403**	**1403**	**1403**

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	9	2718034	0	1842367	0	0	0	0	0	0	0	0
	Sewage	HIGH	9	2718034	625949	2083672	6837	18908	19476	18869	18875	19381	18886	18769
	Rivers	LOW	3	3635690	0	377193	0	0	0	0	0	0	0	0
	Rivers	HIGH	3	3635690	1066200	1609039	20	25682	25928	25928	25928	25928	25928	26558
	TOTAL	LOW	12	6353724	0	2219560	0	0	0	0	0	0	0	0
	TOTAL	HIGH	12	6353724	1692149	3692712	6858	44591	45405	44798	44804	45310	44815	45327
E13	Industrial	LOW	5	47910	2	13								
	Industrial	HIGH	5	47910	2	13								
	Sewage	LOW	4	92217										
	Sewage	HIGH	4	92217										
	Rivers	LOW	2	771310										
	Rivers	HIGH	2	771310										
	TOTAL	LOW	11	911437	2	13								
	TOTAL	HIGH	11	911437	2	13								
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	161198		51								
	Sewage	HIGH	5	161198		51								
	Rivers	LOW	2	518518										
	Rivers	HIGH	2	518518										
	TOTAL	LOW	7	679716		51								
	TOTAL	HIGH	7	679716		51								
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	113691		67								
	Sewage	HIGH	2	113691		67								
	Rivers	LOW	1	493949										
	Rivers	HIGH	1	493949										
	TOTAL	LOW	3	607639		67								
	TOTAL	HIGH	3	607639		67								
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	60106	0	21196								
	Sewage	HIGH	3	60106	1088	21696								
	Rivers	LOW	4	2707425	0	41785		0					0	
	Rivers	HIGH	4	2707425	53434	357940		2010					12338	
	TOTAL	LOW	7	2767531	0	62981		0					0	
	TOTAL	HIGH	7	2767531	54522	379636		2010					12338	

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	6	138196	0	24174	0	0	0		0	0	0	0
	Sewage	HIGH	6	138196	905	24647	27	1323	466		872	470	999	7530
	Rivers	LOW	4	5379950			0							
	Rivers	HIGH	4	5379950			377							
	TOTAL	LOW	10	5518146	0	24174	0	0	0		0	0	0	0
	TOTAL	HIGH	10	5518146	905	24647	404	1323	466		872	470	999	7530
E18	Industrial	LOW	1	1250										
	Industrial	HIGH	1	1250										
	Sewage	LOW	8	99483	0	5387	0	116	0		0	0	7	0
	Sewage	HIGH	8	99483	252	6203	26	976	398		739	388	742	5825
	Rivers	LOW	11	5097976			0	18	0		0	0	0	0
	Rivers	HIGH	11	5097976			1539	6855	4074		7565	4074	5135	65760
	TOTAL	LOW	20	5198709	0	5387	0	134	0		0	0	7	0
	TOTAL	HIGH	20	5198709	252	6203	1565	7830	4472		8305	4462	5877	71584
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	17772	0	8346	2							
	Sewage	HIGH	4	17772	49	8368	4							
	Rivers	LOW	3	998508										
	Rivers	HIGH	3	998508										
	TOTAL	LOW	8	1019700	0	8346	2							
	TOTAL	HIGH	8	1019700	49	8368	4							
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	22311	37	15073	0							
	Sewage	HIGH	2	22311	325	15073	2							
	Rivers	LOW	2	2803125			0	0	0		0	0	0	0
	Rivers	HIGH	2	2803125			1614	20368	12203		22683	13243	15286	197049
	TOTAL	LOW	4	2825437	37	15073	0	0	0		0	0	0	0
	TOTAL	HIGH	4	2825437	325	15073	1617	20368	12203		22683	13243	15286	197049
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	31184	0	31890534								
	Sewage	HIGH	1	31184	504	31890534								
	Rivers	LOW	3	1027450	0	0							0	
	Rivers	HIGH	3	1027450	15979	95874							3589	
	TOTAL	LOW	4	1058634	0	31890534							0	
	TOTAL	HIGH	4	1058634	16483	31986408							3589	

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E22	Industrial	LOW	4	32833	1402201	1376289								
	Industrial	HIGH	4	32833	1420611	7576689								
	Sewage	LOW	2	191548	0	215334	0	0	0	0	129	272	0	0
	Sewage	HIGH	2	191548	5457	215334	210	20657	8263	8263	11042	8405	25634	20657
	Rivers	LOW	2	10003395	0	467035	0	0	0	0	0	0	0	0
	Rivers	HIGH	2	10003395	21366	960011	78246	220109	84389	84389	84389	90944	217825	210973
	TOTAL	LOW	8	10227778	1402201	2058658	0	0	0	0	129	272	0	0
	TOTAL	HIGH	8	10227778	1447434	8752033	78456	240786	92652	92652	95431	99349	243459	231630
E23	Industrial	LOW	4	118962	0	115875	0	0	0	0	0	0	0	
	Industrial	HIGH	4	118962	0	115875	20859	7517	7517	9574	7517	18667	9403	
	Sewage	LOW	4	2755888	3682	19282319	0	0	0	0	0	0	0	
	Sewage	HIGH	4	2755888	3682	19282319	41516	20640	20640	15912	20640	16963	15912	
	Rivers	LOW	8	12555858	79081	266558	91312	0	0	0	0	0	0	
	Rivers	HIGH	8	12555858	140113	355596	139628	25739	25259	7805	25739	34702	7880	
	TOTAL	LOW	16	15430708	82763	19684752	91312	0	0	0	0	0	0	
	TOTAL	HIGH	16	15430708	143795	19753791	202002	53896	53416	33290	53896	70333	33194	
E24	Industrial	LOW	7	76130	90	46878	0	0	0	0	0	0	0	
	Industrial	HIGH	7	76130	20602	67464	125	53	53	345	53	556	345	
	Sewage	LOW	4	145265	1083	110927	0	0	0	0	0	0	0	
	Sewage	HIGH	4	145265	70328	193305	1982	801	801	997	801	1479	997	
	Rivers	LOW	7	2976866	133010	1440759	0	0	0	104	0	0	0	
	Rivers	HIGH	7	2976866	147077	1456596	4995	1990	1990	4890	1990	7068	4890	
	TOTAL	LOW	18	3198261	134184	1598564	0	0	0	104	0	0	0	
	TOTAL	HIGH	18	3198261	238006	1717365	7102	2844	2844	5231	2844	9102	6231	
E25	Industrial	LOW	3	21226	17	139	0	0	0	0	0	0	0	
	Industrial	HIGH	3	21226	245	249	485	402	402	305	402	507	305	
	Sewage	LOW	3	102229	1763	57534	0	0	0	0	0	0	0	
	Sewage	HIGH	3	102229	1763	57534	961	448	448	532	448	896	532	
	Rivers	LOW	7	4688924	18843	123608	0	0	0	0	0	0	0	
	Rivers	HIGH	7	4688924	25618	135771	15032	6876	6876	762	6876	1054	762	
	TOTAL	LOW	13	4812379	20624	181280	0	0	0	0	0	0	0	
	TOTAL	HIGH	13	4812379	27627	193554	16477	7726	7726	1600	7726	2458	1600	
E26	Industrial	LOW	1	369			0	0	0		0			
	Industrial	HIGH	1	369			1	1	1		1			
	Sewage	LOW	1	18790			0			0		0	0	
	Sewage	HIGH	1	18790			171			138		157	138	
	Rivers	LOW	6	5324504	329228	95892	0	0	0	0	0	0	0	
	Rivers	HIGH	6	5324504	349809	138701	16063	8566	8566	1454	8566	2691	1454	
	TOTAL	LOW	8	5343663	329228	95892	0	0	0	0	0	0	0	
	TOTAL	HIGH	8	5343663	349809	138701	16235	8567	8567	1592	8567	2848	1592	

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year	Azinphos-Methyl g/year
E27	Industrial	LOW	4	13870			0	0	0	0	0	0	0	
	Industrial	HIGH	4	13870			109	8	9	4	8	6	4	
	Sewage	LOW	6	47420	477	7598	0	0	0	0	0	0	0	
	Sewage	HIGH	6	47420	1214	8532	105	98	50	75	50	97	79	
	Rivers	LOW	3	4970966	25129	429	0	0	0	0	0	0	0	
	Rivers	HIGH	3	4970966	54108	152616	9907	8375	7499	6035	7499	9373	6153	
	TOTAL	LOW	13	5032256	25605	8028	0	0	0	0	0	0	0	
	TOTAL	HIGH	13	5032256	55322	161149	10121	8481	7558	6113	7557	9478	6235	
E28	Industrial	LOW	3	28000	69032	1053390								
	Industrial	HIGH	3	28000	69762	1057770								
	Sewage	LOW	4	231530	226337	673030								
	Sewage	HIGH	4	231530	304665	695213								
	Rivers	LOW	4	5794666	6081424	8939862	0				0	0	18543	
	Rivers	HIGH	4	5794666	7222126	9913766	750				186085	186085	192223	
	TOTAL	LOW	11	6054196	6376792	10666282	0				0	0	18543	
	TOTAL	HIGH	11	6054196	7596552	11656748	750				186085	186085	192223	
E29	Industrial	LOW	1	6982										
	Industrial	HIGH	1	6982										
	Sewage	LOW	1	83200	0	229481								
	Sewage	HIGH	1	83200	29356	232012								
	Rivers	LOW	7	8865221	19052	108185		0	0		0	0	19535	0
	Rivers	HIGH	7	8865221	3350116	3253833		10776	10776		317713	333951	338232	10776
	TOTAL	LOW	9	8955404	19052	337665		0	0		0	0	19535	0
	TOTAL	HIGH	9	8955404	3379472	3485844		10776	10776		317713	333951	338232	10776
E30	Industrial	LOW	1	30000										
	Industrial	HIGH	1	30000										
	Sewage	LOW												
	Sewage	HIGH												
	Rivers	LOW	2	7743586	0	0					0	0	0	
	Rivers	HIGH	2	7743586	2687008	2707845					253011	281205	281205	
	TOTAL	LOW	3	7773586	0	0					0	0	0	
	TOTAL	HIGH	3	7773586	2687008	2707845					253011	281205	281205	
TOTALS	Industrial	LOW	55	669100	1917676	80968370	0	0	7	0	0	0	0	0
	Industrial	HIGH	55	669100	2007519	87195395	21689	9028	13206	12374	14136	22079	12505	4768
	Sewage	LOW	98	8186192	247953	57394753	2	116	0	0	693	272	7	0
	Sewage	HIGH	98	8186192	1286825	57790382	52886	64640	51394	45574	59541	49058	64708	56085
	Rivers	LOW	115	118371789	7037011	13999127	91312	50624	0	61667	4264	10499	38079	0
	Rivers	HIGH	115	118371789	16008807	23747634	328020	535672	350219	335428	1141814	1180050	1391882	829079
	TOTAL	LOW	268	127227081	9202641	152362249	91315	50740	7	61667	4957	10771	38086	0
	TOTAL	HIGH	268	127227081	19303161	168733611	402594	609340	414818	393376	1215491	1251186	1469095	889932

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E2	Industrial	LOW	1	4					0	0
	Industrial	HIGH	1	4					3	3
	Sewage	LOW	1	400123		24433	16433	164971	0	495329
	Sewage	HIGH	1	400123		26723	18723	166063	155657	596888
	Rivers	LOW	3	3833412	0	67411	8762	47795	121384	873888
	Rivers	HIGH	3	3833412	122215	74944	33242	68598	200451	939842
	TOTAL	LOW	5	4233540	0	91844	25195	212766	121384	1369217
	TOTAL	HIGH	5	4233540	122215	101667	51965	234661	356110	1536734
E3	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW								
	Sewage	HIGH								
	Rivers	LOW	1	907511	0	12637	0	11090	42370	233039
	Rivers	HIGH	1	907511	21628	14518	5506	14430	51788	239899
	TOTAL	LOW	1	907511	0	12637	0	11090	42370	233039
	TOTAL	HIGH	1	907511	21628	14518	5506	14430	51788	239899
E4	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	1	140289		251	0	7090	0	4769606
	Sewage	HIGH	1	140289		976	820	7405	40603	4769606
	Rivers	LOW								
	Rivers	HIGH								
	TOTAL	LOW	1	140289		251	0	7090	0	4769606
	TOTAL	HIGH	1	140289		976	820	7405	40603	4769606
E5	Industrial	LOW	4	150112	0	3413	0	322345	6604772	435395
	Industrial	HIGH	4	150112	3736	4000	940	322707	6620940	456011
	Sewage	LOW	2	92311		1255	1084	130663	64965	1019801
	Sewage	HIGH	2	92311		1870	1700	130923	87072	1033206
	Rivers	LOW	1	1490387	0	34004	0	49160	63866	746925
	Rivers	HIGH	1	1490387	45289	38467	12283	52872	89062	757363
	TOTAL	LOW	7	1732810	0	38671	1084	502168	6733603	2202120
	TOTAL	HIGH	7	1732810	49025	44337	14922	506501	6797074	2246579
E6	Industrial	LOW	1	25112						
	Industrial	HIGH	1	25112						
	Sewage	LOW	1	19618						
	Sewage	HIGH	1	19618						
	Rivers	LOW	1	326490	0	555	61	0	0	0
	Rivers	HIGH	1	326490	2883	3796	3852	20661	172194	9074
	TOTAL	LOW	3	371220	0	555	61	0	0	0
	TOTAL	HIGH	3	371220	2883	3796	3852	20661	172194	9074

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E7	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	1	4560						
	Sewage	HIGH	1	4560						
	Rivers	LOW								
	Rivers	HIGH								
	Total	LOW	1	4560						
	Total	HIGH	1	4560						
E7a	Industrial	LOW	11	109347	0	8	5	1573	525	1537
	Industrial	HIGH	11	109347	107	3016	2476	1657	6207	1640
	Sewage	LOW	9	181068	0	8360	1160	3696	61	292477
	Sewage	HIGH	9	181068	128	23989	18899	12904	131	292552
	Rivers	LOW	9	17444263	0	424548	463048	123394	118	67162
	Rivers	HIGH	9	17444263	141049	559085	664622	1618934	8415314	483012
	Total	LOW	29	17734878	0	432917	464213	128863	705	361177
	Total	HIGH	29	17734878	141284	586090	685996	1633494	8421652	777204
E9	Industrial	LOW	3	3573		5	1	0	271	12393
	Industrial	HIGH	3	3573		11	8	0	344	14491
	Sewage	LOW	5	133005	0			3031		
	Sewage	HIGH	5	133005	111			3031		
	Rivers	LOW	9	6125613	0	192207	240560	39221	7168	243013
	Rivers	HIGH	9	6125613	986	192207	240560	60560	13994	243914
	TOTAL	LOW	17	6262192	0	192212	240561	42252	7440	255405
	TOTAL	HIGH	17	6262192	1096	192218	240567	63591	14338	258405
E10	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	4	104405	0	2970	2624	1945	3980	16902
	Sewage	HIGH	4	104405	647	2983	2920	1945	4004	17042
	Rivers	LOW	7	1466717	0	18305	29429	58592	3841	10208
	Rivers	HIGH	7	1466717	1056	20387	29681	74690	4728	11272
	TOTAL	LOW	11	1571123	0	21275	32053	60538	7822	27110
	TOTAL	HIGH	11	1571123	1703	23370	32501	76635	8732	28314
E11	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	5	80751						
	Sewage	HIGH	5	80751						
	Rivers	LOW	3	419506	0	27691	24561	0	394	7176
	Rivers	HIGH	3	419506	1403	27691	24561	9022	823	7372
	TOTAL	LOW	8	500257	0	27691	24561	0	394	7176
	TOTAL	HIGH	8	500257	1403	27691	24561	9022	823	7372

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethene g/year
E12	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	9	2718034	0	158605	366085	34596	0	119905
	Sewage	HIGH	9	2718034	18710	180518	370752	246573	1116300	694471
	Rivers	LOW	3	3635690	0	172721	103780	78791	0	162326
	Rivers	HIGH	3	3635690	27933	172721	106042	280651	1772079	1104724
	TOTAL	LOW	12	6353724	0	331326	469865	113387	0	282231
	TOTAL	HIGH	12	6353724	46642	353240	476794	527224	2888379	1799195
E13	Industrial	LOW	5	47910				12	0	1
	Industrial	HIGH	5	47910				12	1	1
	Sewage	LOW	4	92217				6		
	Sewage	HIGH	4	92217				6		
	Rivers	LOW	2	771310		25	85			
	Rivers	HIGH	2	771310		26	86			
	TOTAL	LOW	11	911437		25	85	18	0	1
	TOTAL	HIGH	11	911437		26	86	18	1	1
E14	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	5	161198				3	0	28
	Sewage	HIGH	5	161198				3	1	28
	Rivers	LOW	2	518518		7	6			
	Rivers	HIGH	2	518518		7	7			
	TOTAL	LOW	7	679716		7	6	3	0	28
	TOTAL	HIGH	7	679716		7	7	3	1	28
E15	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	2	113691		1	0	5	1	125
	Sewage	HIGH	2	113691		2	1	6	2	125
	Rivers	LOW	1	493949		6				
	Rivers	HIGH	1	493949		6				
	TOTAL	LOW	3	607639		7	0	5	1	125
	TOTAL	HIGH	3	607639		8	1	6	2	125
E16	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	3	60106			66	141	0	
	Sewage	HIGH	3	60106			109	889	31139	
	Rivers	LOW	4	2707425		41765	5369	0		
	Rivers	HIGH	4	2707425		42277	5666	48472		
	TOTAL	LOW	7	2767531		41765	5435	141	0	
	TOTAL	HIGH	7	2767531		42277	5775	49362	31139	

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E17	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	6	138196	0	1492	895		0	3131
	Sewage	HIGH	6	138196	4331	1991	1145		36245	7557
	Rivers	LOW	4	5379950						
	Rivers	HIGH	4	5379950						
	TOTAL	LOW	10	5518146	0	1492	895		0	3131
	TOTAL	HIGH	10	5518146	4331	1991	1145		36245	7557
E18	Industrial	LOW	1	1250						
	Industrial	HIGH	1	1250						
	Sewage	LOW	8	99483	0	689	298		0	10532
	Sewage	HIGH	8	99483	3351	1038	501		10664	12547
	Rivers	LOW	11	5097976	0	5464	1004			
	Rivers	HIGH	11	5097976	37826	6996	2190			
	TOTAL	LOW	20	5198709	0	6153	1302		0	10532
	TOTAL	HIGH	20	5198709	41177	8034	2691		10664	12547
E19	Industrial	LOW	1	3420						
	Industrial	HIGH	1	3420						
	Sewage	LOW	4	17772					0	0
	Sewage	HIGH	4	17772					2278	457
	Rivers	LOW	3	998508						
	Rivers	HIGH	3	998508						
	TOTAL	LOW	8	1019700					0	0
	TOTAL	HIGH	8	1019700					2278	457
E20	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	2	22311					0	0
	Sewage	HIGH	2	22311					17017	2804
	Rivers	LOW	2	2803125	0	6569	348			
	Rivers	HIGH	2	2803125	113337	13428	5255			
	TOTAL	LOW	4	2825437	0	6569	348		0	0
	TOTAL	HIGH	4	2825437	113337	13428	5255		17017	2804
E21	Industrial	LOW								
	Industrial	HIGH								
	Sewage	LOW	1	31184		23		0	0	
	Sewage	HIGH	1	31184		301		507	9545	
	Rivers	LOW	3	1027450		34906	7218	0	0	
	Rivers	HIGH	3	1027450		34941	7449	14995	585762	
	TOTAL	LOW	4	1058634		34929	7218	0	0	
	TOTAL	HIGH	4	1058634		35242	7449	15502	595307	

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E22	Industrial	LOW	4	32833					4737	
	Industrial	HIGH	4	32833					2248243	
	Sewage	LOW	2	191548	0	1884	1515	0	0	42521
	Sewage	HIGH	2	191548	20203	10957	10218	71149	12829	42521
	Rivers	LOW	2	10003395	0	70765	56390	0	0	332307
	Rivers	HIGH	2	10003395	210973	132526	122989	753777	2839893	547769
	TOTAL	LOW	8	10227776	0	72648	57905	0	4737	374828
	TOTAL	HIGH	8	10227776	231176	143483	133207	824926	5100965	590290
E23	Industrial	LOW	4	118962		2224	334	16324	0	41561
	Industrial	HIGH	4	118962		16738	15074	20632	252611	41561
	Sewage	LOW	4	2755888		2645	695	1411	7674	3301268
	Sewage	HIGH	4	2755888		43494	41631	155003	1164372	3301268
	Rivers	LOW	8	12555858		95257	73178	0	110844	479840
	Rivers	HIGH	8	12555858		140622	124657	462152	29225029	494528
	TOTAL	LOW	16	15430708		100127	74207	17735	118518	3822669
	TOTAL	HIGH	16	15430708		200853	181362	637787	30642012	3837356
E24	Industrial	LOW	7	76130		0	0	2446	5549609	9444
	Industrial	HIGH	7	76130		107	107	5062	5690734	29748
	Sewage	LOW	4	145265		357	428	0	594971	77949
	Sewage	HIGH	4	145265		1720	1792	12513	854659	160036
	Rivers	LOW	7	2976866		27582	219053	0	2882012	145453
	Rivers	HIGH	7	2976866		31244	223946	110175	10598117	150124
	TOTAL	LOW	18	3198261		27939	219481	2446	9026592	232845
	TOTAL	HIGH	18	3198261		33071	225845	127749	17143510	339909
E25	Industrial	LOW	3	21226		0	0	0	28271	1300
	Industrial	HIGH	3	21226		805	805	1196	66783	1409
	Sewage	LOW	3	102229		556	0	0	0	45190
	Sewage	HIGH	3	102229		1032	841	3924	202047	45190
	Rivers	LOW	7	4688924		3817	289	0	0	157516
	Rivers	HIGH	7	4688924		15560	13910	153609	12927000	161124
	TOTAL	LOW	13	4812379		4374	289	0	28271	204005
	TOTAL	HIGH	13	4812379		17398	15556	158729	13195829	207723
E26	Industrial	LOW	1	369		0	0	0	0	
	Industrial	HIGH	1	369		1	1	6	1719	
	Sewage	LOW	1	18790						
	Sewage	HIGH	1	18790						
	Rivers	LOW	6	5324504		17262	7552	0	0	34968
	Rivers	HIGH	6	5324504		32237	22527	189053	12754560	66078
	TOTAL	LOW	8	5343663		17262	7552	0	0	34968
	TOTAL	HIGH	8	5343663		32238	22829	189059	12756279	66078

ANNEX 1A High and Low Loads Summary: 1992

ICES Zone	Discharge Type	Load Type	No. of Sites	Flow cu.m/day	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E27	Industrial	LOW	4	13870		0	0	0	0	
	Industrial	HIGH	4	13870		16	16	54	5537	
	Sewage	LOW	6	47420		777	0	1295	0	3460
	Sewage	HIGH	6	47420		843	196	1805	98687	5023
	Rivers	LOW	3	4970966		15874	101487	0	0	48280
	Rivers	HIGH	3	4970966		40771	127910	142751	14079919	96078
	TOTAL	LOW	13	5032256		16651	101487	1295	0	51740
	TOTAL	HIGH	13	5032256		41630	128122	144610	14184142	101100
E28	Industrial	LOW	3	28000		0	0		76009	
	Industrial	HIGH	3	28000		438	438		82141	
	Sewage	LOW	4	231530		17377	0	36795	131378	
	Sewage	HIGH	4	231530		99802	84508	37376	237216	
	Rivers	LOW	4	5794666		2624654	816668	86438	3378088	
	Rivers	HIGH	4	5794666		4002181	2575534	225911	4477044	
	TOTAL	LOW	11	6054196		2642030	816668	123233	3585475	
	TOTAL	HIGH	11	6054196		4102420	2660481	263286	4796400	
E29	Industrial	LOW	1	6982					8015	
	Industrial	HIGH	1	6982					8015	
	Sewage	LOW	1	83200		0	0	7569	2803	
	Sewage	HIGH	1	83200		30368	30368	8269	63539	
	Rivers	LOW	7	8865221		111262	23132	370341	0	
	Rivers	HIGH	7	8865221		3192286	3022692	890070	3309578	
	TOTAL	LOW	9	8955404		111262	23132	377910	10818	
	TOTAL	HIGH	9	8955404		3222654	3053060	898340	3381132	
E30	Industrial	LOW	1	30000						
	Industrial	HIGH	1	30000						
	Sewage	LOW								
	Sewage	HIGH								
	Rivers	LOW	2	7743586		134294	0	0	0	
	Rivers	HIGH	2	7743586		2404508	2384979	263732	2831670	
	TOTAL	LOW	3	7773586		134294	0	0	0	
	TOTAL	HIGH	3	7773586		2404508	2384979	263732	2831670	
TOTALS	Industrial	LOW	55	669100	0	5650	340	342700	12272209	501630
	Industrial	HIGH	55	669100	3844	25132	19865	351326	14983277	544863
	Sewage	LOW	98	8186192	0	221674	391283	393217	805834	10198222
	Sewage	HIGH	98	8186192	47480	428606	585123	860293	4144005	10981319
	Rivers	LOW	115	118371789	0	4139589	2181979	864824	6610086	3542100
	Rivers	HIGH	115	118371789	726577	11193433	9760147	5455114	104349004	5312174
	TOTAL	LOW	268	127227081	0	4366913	2573602	1600741	19688130	14241951
	TOTAL	HIGH	268	127227081	777901	11647171	10365135	6666723	123476286	16838355

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E2	Industrial	LOW	1	4			0	1	0	1		0	0	0
	Industrial	HIGH	1	4			0	1	0	1		0	0	0
	Sewage	LOW	1	237139	6	16	13663	8549	1606			108	1520	191
	Sewage	HIGH	1	237139	6	65	13663	8549	2226			1305	1705	191
	River	LOW	3	4840302	212	341	4138	132021	14967			1280	5662	328
	River	HIGH	3	4840302	213	341	4150	132021	15017			1322	5679	529
	Total	LOW	5	5077445	218	356	17801	140570	16573	1		1387	7183	520
	Total	HIGH	5	5077445	218	406	17813	140570	17243	1		2627	7385	720
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	1	1236879	31	73	2910	23796	10393			749	2224	375
	River	HIGH	1	1236879	32	73	2910	23796	10393			749	2224	381
	Total	LOW	1	1236879	31	73	2910	23796	10393			749	2224	375
	Total	HIGH	1	1236879	32	73	2910	23796	10393			749	2224	381
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	132595	4	105	4476	5660	1758			3	425	43
	Sewage	HIGH	1	132595	4	105	4476	5660	1758			701	619	45
	River	LOW												
	River	HIGH												
	Total	LOW	1	132595	4	105	4476	5660	1758			3	425	43
	Total	HIGH	1	132595	4	105	4476	5660	1758			701	619	45
E5	Industrial	LOW	4	156408	17	28	21296	21438	2148			14159	3003	307
	Industrial	HIGH	4	156408	17	198	21297	21438	2347			14222	3009	308
	Sewage	LOW	2	95006	4	18	2159	3102	487			32	365	50
	Sewage	HIGH	2	95006	4	25	2159	3102	537			552	478	51
	River	LOW	1	2759340	88	156	4073	36029	56082			1746	3155	465
	River	HIGH	1	2759340	88	158	4073	36029	56082			1746	3155	521
	Total	LOW	7	3010754	109	204	27528	60569	58717			15937	6524	821
	Total	HIGH	7	3010754	109	380	27530	60569	58966			16520	6842	879
E6	Industrial	LOW	1	24788	54	10	8512	2771	1024			7461	4523	738
	Industrial	HIGH	1	24788	54	18	8512	2771	1024			7461	4523	746
	Sewage	LOW	1	43394	3	36	875	2627	1266					
	Sewage	HIGH	1	43394	5	36	875	2641	1267					
	River	LOW	1	541870	0	7	521	1751	328			180	1152	0
	River	HIGH	1	541870	19	21	534	3933	363			278	1152	883
	Total	LOW	3	610052	57	54	9909	7150	2619			7641	5674	738
	Total	HIGH	3	610052	78	75	9921	9346	2654			7739	5674	1629

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	14593	0	2	1274	837	219			80	72	0
	Sewage	HIGH	1	14593	2	2	1274	837	219			80	72	32
	River	LOW												
	River	HIGH												
	Total	LOW	1	14593	0	2	1274	837	219			80	72	0
	Total	HIGH	1	14593	2	2	1274	837	219			80	72	32
E7a	Industrial	LOW	11	99052	13	151	10885	490333	5314			88738	5875	1289
	Industrial	HIGH	11	99052	16	163	10902	490333	5623			88769	5904	1299
	Sewage	LOW	9	154210	4	28	2659	35052	1494			21597	656	19
	Sewage	HIGH	9	154210	16	31	2659	35054	1496			21605	665	203
	River	LOW	9	21527475	55	2210	71140	410967	171365	34	0	38239	96896	12685
	River	HIGH	9	21527475	785	2331	71154	434095	171572	41	10	38862	97123	33588
	Total	LOW	29	21780736	73	2389	84684	936352	178172	34	0	148574	103428	13992
	Total	HIGH	29	21780736	817	2524	84715	959482	178691	41	10	149236	103692	35090
E9	Industrial	LOW	2	1170	1	0	35	46	6			9	5	
	Industrial	HIGH	2	1170	1	0	38	48	9			10	7	
	Sewage	LOW	5	112051	3	2	426	1767	177			280	322	38
	Sewage	HIGH	5	112051	5	6	426	1767	191			282	322	41
	River	LOW	6	4015872	0	170	8150	27645	4861			7624	20661	2973
	River	HIGH	6	4015872	52	235	8150	27693	5315			7720	20661	2985
	Total	LOW	18	4129093	5	172	8612	28459	5045			7913	20988	3011
	Total	HIGH	18	4129093	58	241	8614	29509	5515			8012	20990	3026
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	551884	3	14	2612	5077	988			1460	2149	313
	Sewage	HIGH	4	551884	14	33	2618	5164	1115			1528	2149	329
	River	LOW	7	2543931	23	37	3686	11133	1655			3573	8396	2361
	River	HIGH	7	2543931	65	124	3686	11201	1965			3600	8396	2482
	Total	LOW	13	3095815	26	51	6299	16209	2643			5033	10545	2674
	Total	HIGH	13	3095815	79	187	6304	16365	3080			5128	10545	2811
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	329465	4	8	1106	2798	388			752	3091	84
	Sewage	HIGH	5	329465	7	16	1106	2802	447			755	3091	127
	River	LOW	4	367190	1	2	510	1205	291			299	781	237
	River	HIGH	4	367190	6	13	510	1205	315			299	781	247
	Total	LOW	9	696656	5	10	1617	4002	679			1051	3872	321
	Total	HIGH	9	696656	13	29	1617	4006	762			1055	3872	374

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2703944	6	0	7937	111918	7677			228	6103	0
	Sewage	HIGH	8	2703944	98	486	9286	111949	8728			9658	12078	4816
	River	LOW	2	5549944	1	89	11510	39386	4468			104	3346	0
	River	HIGH	2	5549944	199	1051	13181	39386	11330			19803	20991	9851
	Total	LOW	13	8253888	8	89	19447	151304	12144			332	9449	0
	Total	HIGH	13	8253888	297	1537	22468	151335	20058			29461	33069	14667
E13	Industrial	LOW	5	48638			92					22		
	Industrial	HIGH	5	48638			103					22		
	Sewage	LOW	6	175254		2	5981	5607						
	Sewage	HIGH	6	175254		2	5981	5607						
	River	LOW	2	825341				2876						
	River	HIGH	2	825341				2876						
	Total	LOW	21	1049233		2	6073	8483				22		
	Total	HIGH	21	1049233		2	6085	8483				22		
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	385865		17	3823	7436	2264			100	243	
	Sewage	HIGH	5	385865		20	3823	7436	2384			136	321	
	River	LOW	2	1102211			885	2062	129			88	177	
	River	HIGH	2	1102211			885	2154	307			108	856	
	Total	LOW	16	1488076		17	4708	9498	2392			188	419	
	Total	HIGH	16	1488076		20	4708	9590	2691			245	1177	
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	60000			819							
	Sewage	HIGH	2	60000			823							
	River	LOW	1	739069		25	2719	3184	1713	1	3	266	552	
	River	HIGH	1	739069		26	2719	3184	1715	1	3	266	552	
	Total	LOW	6	799069		25	3538	3184	1713	1	3	266	552	
	Total	HIGH	6	799069		26	3542	3184	1715	1	3	266	552	
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66173	0	12	2988	1821	408			217	642	17
	Sewage	HIGH	3	66173	0	14	2988	1821	408			217	642	17
	River	LOW	4	3473829	57	86	3830	14539	2232			4303	3226	704
	River	HIGH	4	3473829	75	96	3830	14539	2232			4371	3325	705
	Total	LOW	8	3540002	58	97	6818	16361	2640			4519	3869	721
	Total	HIGH	8	3540002	76	110	6818	16361	2640			4588	3967	722

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	182288	2	4	5376	1387	796			141	316	38
	Sewage	HIGH	7	182288	2	5	5376	1387	796			145	316	38
	River	LOW	4	4245958	0	249	8437	45449	12747			1801	4630	984
	River	HIGH	4	4245958	0	257	8437	45449	12747			2314	4695	984
	Total	LOW	11	4428247	2	253	13813	46836	13542			1942	4946	1022
	Total	HIGH	11	4428247	2	262	13813	46836	13542			2458	5010	1022
E18	Industrial	LOW	1	9457						14	0			
	Industrial	HIGH	1	9457						14	0			
	Sewage	LOW	6	73289		0	41	241	23			92	121	
	Sewage	HIGH	6	73289		1	41	241	23			92	122	
	River	LOW	12	5756059	8	394	35978	197089	5372	2	0	1586	9416	15570
	River	HIGH	12	5756059	33	436	35978	197089	5612	16	15	2635	9475	15570
	Total	LOW	21	5838805	8	394	36019	197330	5395	16	0	1678	9537	15570
	Total	HIGH	21	5838805	33	438	36019	197330	5635	30	15	2727	9597	15570
E19	Industrial	LOW	1	3420		0	5961	425	0			3	42	22
	Industrial	HIGH	1	3420		2	5961	425	12			15	42	22
	Sewage	LOW	4	20381	0	7	296	5542	156			32	27	115
	Sewage	HIGH	4	20381	0	7	296	5542	156			32	27	115
	River	LOW	3	921672	0	71	3715	30565	490			5	1087	3488
	River	HIGH	3	921672	1	71	3715	30565	491			71	1087	3488
	Total	LOW	8	945473	0	78	9971	36532	646			39	1155	3625
	Total	HIGH	8	945473	1	81	9971	36532	660			117	1155	3625
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	14367								5	6	
	Sewage	HIGH	2	14367								5	6	
	River	LOW	3	3262836	0	157	6206	26232	5664	0	0	944	3575	977
	River	HIGH	3	3262836	20	160	6206	26232	5664	8	8	1523	3595	979
	Total	LOW	5	3277203	0	157	6206	26232	5664	0	0	949	3580	977
	Total	HIGH	5	3277203	20	160	6206	26232	5664	8	8	1528	3601	979
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24683	3	2	1682	3004	530			233	533	30
	Sewage	HIGH	1	24683	3	16	1682	3004	530			239	545	31
	River	LOW	3	1228909	0	29	1172	3667	1434	1	0	786	677	916
	River	HIGH	3	1228909	7	29	1172	3667	1434	4	5	866	746	916
	Total	LOW	4	1253592	3	31	2854	6671	1964	1	0	1020	1210	946
	Total	HIGH	4	1253592	9	45	2854	6671	1964	4	5	1105	1290	948

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E22	Industrial	LOW	4	16906	11	1864	173	21156	1855			78	160	599
	Industrial	HIGH	4	16906	11	1866	812	21167	3128			219	478	599
	Sewage	LOW	3	275609	13	68	3838	17831	1455	1	0	6205	2175	220
	Sewage	HIGH	3	275609	16	125	4589	17831	3188	1	0	6206	2257	234
	River	LOW	2	10914383	1	544	20690	77105	19711	7	0	6392	9146	7474
	River	HIGH	2	10914383	361	583	20690	77105	19711	22	7	6585	9463	7474
	Total	LOW	11	11206897	25	2476	24701	116092	23022	8	0	12675	11481	8293
	Total	HIGH	11	11206897	389	2574	26092	116103	26027	23	7	13010	12197	8307
E23	Industrial	LOW	2	21005	0	11	363	2075	354					
	Industrial	HIGH	2	21005	0	11	363	2075	354					
	Sewage	LOW	6	292055	5	80	4163	22392	1937					
	Sewage	HIGH	6	292055	5	95	4163	22490	1945					
	River	LOW	8	9784696	28	1	19816	73313	16110			2232	5631	1122
	River	HIGH	8	9784696	53	1116	22237	73364	20045			6533	10241	5402
	Total	LOW	48	10097756	33	91	24342	97760	18401			2232	5631	1122
	Total	HIGH	48	10097756	58	1222	26782	97926	22344			6533	10241	5402
E24	Industrial	LOW	4	67047	3	48	418	55346	2483			947	534	187
	Industrial	HIGH	4	67047	3	50	418	55346	2492			957	540	197
	Sewage	LOW	6	158186	2	10	1714	9233	612			985	550	160
	Sewage	HIGH	6	158186	2	21	1714	9233	638			1068	560	211
	River	LOW	7	3050677	4	201	3962	53820	1165			68	18441	167
	River	HIGH	7	3050677	11	465	4651	53834	3069			2521	19224	2336
	Total	LOW	54	3275910	9	280	6094	118399	4280			1999	19528	514
	Total	HIGH	54	3275910	16	536	6783	118413	5199			4546	20324	2744
E25	Industrial	LOW	3	15966	1	3	1343	3974	595			1	9	2
	Industrial	HIGH	3	15966	1	3	1343	3974	595			2	9	3
	Sewage	LOW	3	119518	0	5	1099	4619	381			19	86	116
	Sewage	HIGH	3	119518	0	13	1099	4619	429			44	96	116
	River	LOW	7	6985319	197	39	2746	26196	2647			98	396	201
	River	HIGH	7	6985319	213	695	5960	26212	6226			3670	5119	3410
	Total	LOW	41	7120803	198	46	5188	34789	3623			116	492	318
	Total	HIGH	41	7120803	214	712	8403	34805	7250			3716	5224	3528
E26	Industrial	LOW	1	148		0	0	1	0					
	Industrial	HIGH	1	148		0	0	1	0					
	Sewage	LOW	1	7668	0	2	74	242	68			2	11	6
	Sewage	HIGH	1	7668	0	2	74	242	68			6	13	8
	River	LOW	6	9148221	14	259	2642	132499	15586			101	0	27
	River	HIGH	6	9148221	43	1099	8943	132499	18450			4088	5627	3760
	Total	LOW	24	9156037	14	261	2716	132742	15655			103	11	33
	Total	HIGH	24	9156037	43	1101	9018	132742	18519			4094	5640	3767

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Mercury Kg/yr	Cadmium Kg/yr	Copper Kg/yr	Zinc Kg/yr	Lead Kg/yr	Tributyl Tin Kg/year	Triphenyltin Kg/year	Chromium Kg/year	Nickel Kg/year	Arsenic Kg/year
E27	Industrial	LOW	4	16669	0	2	102	1037	36					
	Industrial	HIGH	4	16669	0	3	102	1037	40					
	Sewage	LOW	6	51829	0	4	367	753	123			37	22	2
	Sewage	HIGH	6	51829	0	6	367	753	137			43	28	11
	River	LOW	3	4068886	11	174	4422	39313	4283			732	2099	0
	River	HIGH	3	4068886	23	569	4991	39313	4977			2507	4258	2761
	Total	LOW	39	4137383	11	180	4891	41103	4442			769	2121	2
	Total	HIGH	39	4137389	23	578	5460	41103	5153			2550	4286	2772
E28	Industrial	LOW	5	38777	643	0	682	3198	52529			2889	671	
	Industrial	HIGH	5	38777	643	2	682	3198	52534			2889	671	
	Sewage	LOW	4	242500	6	82	2993	14391	2613			3634	2096	
	Sewage	HIGH	4	242500	6	158	2993	14391	2790			3634	2096	
	River	LOW	5	3644750	418	221	12768	58324	8628	1	0	8594	9819	1807
	River	HIGH	5	3644750	419	224	12768	58324	8816	1	0	8594	9819	1807
	Total	LOW	24	3926027	1068	303	16443	75913	63771	1	0	15117	12586	1807
	Total	HIGH	24	3926027	1068	384	16443	75913	64140	1	0	15117	12586	1807
E29	Industrial	LOW	1	125		0	2	9	0			0	0	
	Industrial	HIGH	1	125		0	2	9	1			0	1	
	Sewage	LOW	1	88000		11								
	Sewage	HIGH	1	88000		11								
	River	LOW	7	6942636	366	1550	15042	28153	5430	7	0	5314	4225	2785
	River	HIGH	7	6942636	418	1614	15044	29358	11365	20	7	10895	4539	3252
	Total	LOW	17	7030761	366	1550	15044	28168	5431	7	0	5314	4225	2785
	Total	HIGH	17	7030761	418	1625	15046	29367	11366	20	7	10895	4540	3252
E30	Industrial	LOW	1	21595	36	5100	5420	95530	185			47210	9030	
	Industrial	HIGH	1	21595	36	5100	5420	95530	185			47210	9030	
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	6126681	478	375	5869	27926	11816	4	0	13826	1990	1912
	River	HIGH	2	6126681	551	453	5869	28107	13434	13	5	17942	2125	2260
	Total	LOW	5	6148276	514	5475	11289	123456	12001	4	0	61036	11020	1912
	Total	HIGH	5	6148278	587	5553	11289	123637	13619	12	5	65152	11155	2260
Total	Industrial	LOW	51	541173	779	7218	55284	697340	66530	15	0	161517	23852	3144
	Industrial	HIGH	51	541173	782	7418	55956	697353	68345	15	0	161775	24213	3173
	Sewage	LOW	103	6611945	69	533	72442	271885	27424	1	0	36240	21532	1442
	Sewage	HIGH	103	6611945	197	1302	74552	272120	31473	1	0	48332	28206	6615
	River	LOW	115	125604939	1995	7459	257537	1526246	379570	56	4	100931	217359	57559
	River	HIGH	115	125604939	3684	12239	272445	1553233	408648	126	60	149869	254906	106571
	Total	LOW	269	132758057	2843	15210	285263	2495472	473524	72	4	298688	262743	62145
	Total	HIGH	269	132758057	4663	20959	402953	2522706	508467	141	60	359976	307326	116359

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E2	Industrial	LOW	1	4	0									
	Industrial	HIGH	1	4	0									
	Sewage	LOW	1	237139		0	0	0	0	0	0	0		
	Sewage	HIGH	1	237139		184	184	184	184	184	184	184		
	River	LOW	3	4840302		0	0	0	0	0	0	0		
	River	HIGH	3	4840302		2962	2962	2962	2962	2962	2962	2962		
	Total	LOW	5	5077445	0	0	0	0	0	0	0	0		
	Total	HIGH	5	5077445	0	3146	3146	3146	3146	3146	3146	3146		
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	1	1236879		0	0	0	0	0	0	0		
	River	HIGH	1	1236879		734	734	734	734	734	734	734		
	Total	LOW	1	1236879		0	0	0	0	0	0	0		
	Total	HIGH	1	1236879		734	734	734	734	734	734	734		
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	132595		0	0	0	0	0	0	0		
	Sewage	HIGH	1	132595		95	95	95	95	95	95	95		
	River	LOW												
	River	HIGH												
	Total	LOW	1	132595		0	0	0	0	0	0	0		
	Total	HIGH	1	132595		95	95	95	95	95	95	95		
E5	Industrial	LOW	4	156408	11	189	0	0	0	0	0	0		
	Industrial	HIGH	4	156408	11	288	111	111	111	111	111	111		
	Sewage	LOW	2	95006		5	27	5	0	0	9	10		
	Sewage	HIGH	2	95006		68	85	68	64	64	72	72		
	River	LOW	1	2759340		0	0	0	0	0	0	0		
	River	HIGH	1	2759340		2092	2092	2092	2092	2092	2092	2092		
	Total	LOW	7	3010754	11	194	27	5	0	0	9	10		
	Total	HIGH	7	3010754	11	2448	2288	2270	2267	2267	2274	2278		
E6	Industrial	LOW	1	24788		0	0	0	0	0	0	0		0
	Industrial	HIGH	1	24788		45	45	46	45	45	45	45		42
	Sewage	LOW	1	43394	2	0	0	0	0	0	0	0		0
	Sewage	HIGH	1	43394	2	93	111	96	93	99	99	93		84
	River	LOW	1	541870	0	0	0	0	0	0	0	0	0	0
	River	HIGH	1	541870	6	0	0	0	0	0	0	0	406	203
	Total	LOW	3	610052	2	0	0	0	0	0	0	0	0	0
	Total	HIGH	3	610052	7	138	156	141	138	144	145	138	406	329

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	14593	1	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	14593	1	31	31	31	31	31	27	31	0	26
	River	LOW												
	River	HIGH												
	Total	LOW	1	14593	1	0	0	0	0	0	0	0	0	0
	Total	HIGH	1	14593	1	31	31	31	31	31	27	31	0	26
E7a	Industrial	LOW	11	99052	0	3	64	0	0	0	0	0	0	0
	Industrial	HIGH	11	99052	0	173	248	178	176	175	173	176	17	465
	Sewage	LOW	9	154210	13	0	0	0	0	0	0	0		100
	Sewage	HIGH	9	154210	13	293	276	429	294	291	299	291		936
	River	LOW	9	21527475	35	0	0	0	0	0	191	0	191	22702
	River	HIGH	9	21527475	177	21580	19383	20791	20195	19996	20624	24193	110554	54316
	Total	LOW	29	21780736	49	3	64	0	0	0	191	0	191	22802
	Total	HIGH	29	21780736	190	22046	19908	21398	20665	20463	21097	24660	110571	55717
E9	Industrial	LOW	2	1170		0	0	0	0	0	0	0		0
	Industrial	HIGH	2	1170		4	4	4	4	4	4	4		14
	Sewage	LOW	5	112051		0	0	0	0	0	0	0		67
	Sewage	HIGH	5	112051		243	244	244	244	244	243	244		1181
	River	LOW	6	4015872	1	0	0	0	0	0	0	0		44
	River	HIGH	6	4015872	4	7541	7541	7541	7541	7541	7541	7541		18004
	Total	LOW	18	4129093	1	0	0	0	0	0	0	0		111
	Total	HIGH	18	4129093	4	7789	7790	7790	7790	7790	7789	7790		19200
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	551884	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	4	551884	1	815	815	815	815	815	815	815		1111
	River	LOW	7	2543931	1	0	0	0	0	0	0	0		762
	River	HIGH	7	2543931	2	4445	4445	4445	4445	4445	4445	4477		9721
	Total	LOW	13	3095815	1	0	0	0	0	0	0	0		762
	Total	HIGH	13	3095815	3	5260	5260	5260	5260	5260	5260	5292		10832
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	329465	0	0	0	0	0	0	0	0		0
	Sewage	HIGH	5	329465	0	504	504	504	530	504	504	504		2280
	River	LOW	4	367190	0	0	0	0	0	0	0	0		0
	River	HIGH	4	367190	0	712	712	712	712	712	712	712		1924
	Total	LOW	9	696656	0	0	0	0	0	0	0	0		0
	Total	HIGH	9	696656	0	1216	1216	1216	1242	1216	1216	1216		4205

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ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2703944		0	67	4	0	15	19	17	240	71789
	Sewage	HIGH	8	2703944		4633	4702	4991	4971	5163	4989	4631	34080	71789
	River	LOW	2	5549944		0	0	0	0	0	0	0	0	69296
	River	HIGH	2	5549944		8241	8937	8764	8694	8241	8241	8241	62131	69828
	Total	LOW	13	8253888		0	67	4	0	15	19	17	240	141085
	Total	HIGH	13	8253888		12874	13639	13755	13666	13404	13231	12872	96211	141617
E13	Industrial	LOW	5	48638										261
	Industrial	HIGH	5	48638										261
	Sewage	LOW	6	175254										236
	Sewage	HIGH	6	175254										236
	River	LOW	2	825341										
	River	HIGH	2	825341										
	Total	LOW	21	1049233										497
	Total	HIGH	21	1049233										497
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	385865										
	Sewage	HIGH	5	385865										
	River	LOW	2	1102211										2074
	River	HIGH	2	1102211										2074
	Total	LOW	16	1488076										2074
	Total	HIGH	16	1488076										2074
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	60000										
	Sewage	HIGH	2	60000										
	River	LOW	1	739069	4									1310
	River	HIGH	1	739069	4									1310
	Total	LOW	6	799069	4									1310
	Total	HIGH	6	799069	4									1310
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66173		0	0	0	0	0	0	0		1031
	Sewage	HIGH	3	66173		10	16	11	8	10	10	9		1084
	River	LOW	4	3473829		0	0	0	0	0	0	0		2650
	River	HIGH	4	3473829		2769	4456	3294	2271	3127	2887	2416		2650
	Total	LOW	8	3540002		0	0	0	0	0	0	0		3681
	Total	HIGH	8	3540002		2779	4472	3305	2279	3137	2897	2424		3735

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	182288		0	0	8	7	10	4	0		2034
	Sewage	HIGH	7	182288		16	27	23	18	24	19	14		2048
	River	LOW	4	4245958										
	River	HIGH	4	4245958										
	Total	LOW	11	4428247		0	0	8	7	10	4	0		2034
	Total	HIGH	11	4428247		16	27	23	18	24	19	14		2048
E18	Industrial	LOW	1	9457	5									
	Industrial	HIGH	1	9457	5									
	Sewage	LOW	6	73289										977
	Sewage	HIGH	6	73289										977
	River	LOW	12	5756059	0	0	0	0	0	0	0	0		4490
	River	HIGH	12	5756059	1	117	224	138	96	125	126	106		4676
	Total	LOW	21	5838805	5	0	0	0	0	0	0	0		5467
	Total	HIGH	21	5838805	6	117	224	138	96	125	126	106		5653
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	20381										322
	Sewage	HIGH	4	20381										329
	River	LOW	3	921672										0
	River	HIGH	3	921672										0
	Total	LOW	8	945473										322
	Total	HIGH	8	945473										329
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	14367										39
	Sewage	HIGH	2	14367										39
	River	LOW	3	3262836	0									0
	River	HIGH	3	3262836	1									0
	Total	LOW	5	3277203	0									39
	Total	HIGH	5	3277203	1									39
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24683										442
	Sewage	HIGH	1	24683										442
	River	LOW	3	1228909		0	0	0	0	0	0	0		3030
	River	HIGH	3	1228909		644	1313	746	539	680	698	601		3030
	Total	LOW	4	1253592		0	0	0	0	0	0	0		3472
	Total	HIGH	4	1253592		644	1313	746	539	680	698	601		3472

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E22	Industrial	LOW	4	16906										242
	Industrial	HIGH	4	16906										500
	Sewage	LOW	3	275609	1	0	0	0	0	90	10	0	69	3209
	Sewage	HIGH	3	275609	1	487	487	488	487	566	490	487	3430	4125
	River	LOW	2	10914383	6	78	0	0	0	0	8045	0	4022	20007
	River	HIGH	2	10914383	26	18909	19630	19012	18760	18927	24117	18826	114803	45853
	Total	**LOW**	**11**	**11206897**	**7**	**78**	**0**	**0**	**0**	**90**	**8054**	**0**	**4092**	**23458**
	Total	**HIGH**	**11**	**11206897**	**27**	**19396**	**20118**	**19500**	**19248**	**19493**	**24608**	**19314**	**118233**	**50478**
E23	Industrial	LOW	2	21005	1	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	2	21005	1	138	138	138	138	138	138	138	968	273
	Sewage	LOW	6	292055	6	10301	3575	4039	1796	2765	2301	1775	26552	17
	Sewage	HIGH	6	292055	6	13232	6506	6970	5216	5697	5722	5195	47072	11166
	River	LOW	8	9784696	13	0	0	0	0	0	0	0	0	0
	River	HIGH	8	9784696	13	19874	19874	19874	19874	19874	19874	19874	79496	66355
	Total	**LOW**	**48**	**10097756**	**20**	**10301**	**3575**	**4039**	**1796**	**2765**	**2301**	**1775**	**26552**	**17**
	Total	**HIGH**	**48**	**10097756**	**20**	**33248**	**26519**	**26982**	**25229**	**25709**	**25734**	**25207**	**127537**	**77793**
E24	Industrial	LOW	4	67047	1	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	4	67047	1	371	371	371	371	371	371	371	2595	979
	Sewage	LOW	6	158186	0	0	0	0	0	0	0	0	0	825
	Sewage	HIGH	6	158186	0	980	980	980	980	980	980	980	6859	3260
	River	LOW	7	3050677	4	0	0	0	0	0	0	0	0	0
	River	HIGH	7	3050677	4	7316	7316	7316	7316	7316	7316	7316	30928	21422
	Total	**LOW**	**54**	**3275910**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**825**
	Total	**HIGH**	**54**	**3275910**	**5**	**8666**	**8666**	**8666**	**8666**	**8666**	**8666**	**8666**	**40382**	**25661**
E25	Industrial	LOW	3	15966	0	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	3	15966	0	273	273	273	273	273	273	273	1909	658
	Sewage	LOW	3	119518	1	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	3	119518	1	1122	1122	1122	1122	1122	1122	1122	7857	1919
	River	LOW	7	6985319	5	0	0	0	0	0	0	0	0	0
	River	HIGH	7	6985319	5	28747	28747	28747	28747	28747	28747	28747	114987	44011
	Total	**LOW**	**41**	**7120803**	**6**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**41**	**7120803**	**6**	**30142**	**30142**	**30142**	**30142**	**30142**	**30142**	**30142**	**124753**	**46588**
E26	Industrial	LOW	1	148		0	0	0	0	0	0	0	0	0
	Industrial	HIGH	1	148		1	1	1	1	1	1	1	3	1
	Sewage	LOW	1	7668		0	0	0	0	0	0	0	0	0
	Sewage	HIGH	1	7668		56	56	56	56	56	56	56	392	138
	River	LOW	6	9148221	4	0	0	0	0	0	0	0	0	0
	River	HIGH	6	9148221	4	42905	42905	42905	42905	42905	42905	42905	171619	59072
	Total	**LOW**	**24**	**9156037**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**24**	**9156037**	**4**	**42961**	**42961**	**42961**	**42961**	**42961**	**42961**	**42961**	**172014**	**59211**

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	TOT Kg/year	PCB-28 g/year	PCB-52 g/year	PCB-101 g/year	PCB-118 g/year	PCB-138 g/year	PCB-153 g/year	PCB-180 g/year	PCB Total g/year	HCH g/year
E27	Industrial	LOW	4	16669	0	0	0	0	0	0	0	0	0	0
	Industrial	HIGH	4	16669	0	71	71	71	71	71	71	71	347	128
	Sewage	LOW	6	51829	0	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	6	51829	0	217	217	217	217	217	217	217	1121	366
	River	LOW	3	4068886	11	0	0	0	0	0	0	0	0	0
	River	HIGH	3	4068886	11	17248	17248	17248	17248	17248	17248	17248	68991	25375
	Total	LOW	39	4137383	11	0	0	0	0	0	0	0	0	0
	Total	HIGH	39	4137383	11	17536	17536	17536	17536	17536	17536	17536	70459	25869
E28	Industrial	LOW	5	38777										
	Industrial	HIGH	5	38777										
	Sewage	LOW	4	242500										
	Sewage	HIGH	4	242500										
	River	LOW	5	3644750	1	233	0	330	330	240	153	417		
	River	HIGH	5	3644750	1	11622	45945	11615	11615	11570	11526	11657		
	Total	LOW	24	3926027	1	233	0	330	330	240	153	417		
	Total	HIGH	24	3926027	1	11622	45945	11615	11615	11570	11526	11657		
E29	Industrial	LOW	1	125										
	Industrial	HIGH	1	125										
	Sewage	LOW	1	88000										
	Sewage	HIGH	1	88000										
	River	LOW	7	6942636	4	25146	8449	3819	6841	7038	6586	4678		
	River	HIGH	7	6942636	13	45256	86963	29058	31817	31721	31370	29648		
	Total	LOW	17	7030761	4	25146	8449	3819	6841	7038	6586	4678		
	Total	HIGH	17	7030761	13	45256	86963	29058	31817	31721	31370	29648		
E30	Industrial	LOW	1	21595										
	Industrial	HIGH	1	21595										
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	6126681	4	3312	0	3786	3541	4961	4128	4128		
	River	HIGH	2	6126681	9	16491	48953	15115	14283	15703	14870	14870		
	Total	LOW	5	6148276	4	3312	0	3786	3541	4961	4128	4128		
	Total	HIGH	5	6148276	9	16491	48953	15115	14283	15703	14870	14870		
Total	Industrial	LOW	51	541173	19	191	64	0	0	0	0	0	0	503
	Industrial	HIGH	51	541173	19	1364	1262	1192	1190	1189	1187	1190	5839	3322
	Sewage	LOW	103	6611945	24	10306	3669	4056	1803	2881	2343	1801	26861	81088
	Sewage	HIGH	103	6611945	25	23080	16459	17324	15426	16162	15943	15040	100812	103536
	River	LOW	115	125604939	93	28769	8449	7935	10712	12239	19103	9223	4214	126366
	River	HIGH	115	125604939	281	260205	370381	243108	242847	244665	249036	245167	753914	429825
	Total	LOW	269	132758057	138	39268	12181	11891	12515	15119	21447	11023	31075	207987
	Total	HIGH	269	132758057	325	284649	388103	261624	259464	262017	266166	261397	860565	536683

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E2	Industrial	LOW	1	4							0	1	0	0
	Industrial	HIGH	1	4							3	2	1	0
	Sewage	LOW	1	237139	1764	0	649	61	0	24	0	0	195304	0
	Sewage	HIGH	1	237139	1815	172	773	191	172	184	170934	85467	241851	172
	River	LOW	3	4840302	1415	0	16	0	0	4	0	42314	3884	60
	River	HIGH	3	4840302	4490	3704	3716	3704	3704	3706	369861	224642	187014	3704
	Total	LOW	5	5077445	3179	0	665	61	0	28	0	42314	199188	60
	Total	HIGH	5	5077445	6305	3877	4488	3895	3877	3890	540795	310111	428866	3877
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	1	1236879	2148	0	0	0	0	0	0	997	0	0
	River	HIGH	1	1236879	2447	995	995	995	995	995	89145	39704	44572	995
	Total	LOW	1	1236879	2148	0	0	0	0	0	0	997	0	0
	Total	HIGH	1	1236879	2447	995	995	995	995	995	89145	39704	44572	995
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	132595	1393	0	418	84	0	25	0	3943	241612	74
	Sewage	HIGH	1	132595	1426	103	475	156	103	123	95181	48117	277639	152
	River	LOW												
	River	HIGH												
	Total	LOW	1	132595	1393	0	418	84	0	25	0	3943	241612	74
	Total	HIGH	1	132595	1426	103	475	156	103	123	95181	48117	277639	152
E5	Industrial	LOW	4	156408	219	7	20	19	0	456	5556	19312	762	678
	Industrial	HIGH	4	156408	274	122	125	125	115	539	112917	70062	56808	714
	Sewage	LOW	2	95006	1225	13	36	13	0	18	45246	86569	19106	12
	Sewage	HIGH	2	95006	1241	78	96	69	67	114	99077	109804	53764	72
	River	LOW	1	2759340	4830	0	1758	1055	2812	121	0	0	0	0
	River	HIGH	1	2759340	5949	2213	3267	2564	4322	2293	195782	97891	97891	2213
	Total	LOW	7	3010754	6273	20	1814	1086	2812	594	50802	105881	19868	690
	Total	HIGH	7	3010754	7464	2413	3489	2758	4504	2946	407775	277756	208462	2999
E6	Industrial	LOW	1	24788	0	0								
	Industrial	HIGH	1	24788	42	90								
	Sewage	LOW	1	43394	612	0	0	101	0	5	0	482	12546	0
	Sewage	HIGH	1	43394	621	178	93	136	167	85	683	955	12546	84
	River	LOW	1	541870	37	0	0	0	0	178	0	0	0	0
	River	HIGH	1	541870	213	448	203	211	453	296	3098	10224	7998	214
	Total	LOW	3	610052	649	0	0	101	0	184	0	482	12546	0
	Total	HIGH	3	610052	876	715	296	348	620	380	3781	11179	20544	298

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	14593	535	0	0	58	0	0	78	6906	8796	0
	Sewage	HIGH	1	14593	535	54	30	66	53	27	214	6906	8796	26
	River	LOW												
	River	HIGH												
	Total	LOW	1	14593	535	0	0	58	0	0	78	6906	8796	0
	Total	HIGH	1	14593	535	54	30	66	53	27	214	6906	8796	26
E7a	Industrial	LOW	11	99052	15	0	0	5	0	12	41	12458	371960	1182
	Industrial	HIGH	11	99052	184	629	380	242	131	165	641	14367	372692	1257
	Sewage	LOW	9	154210	2194	0	0	34	0	0	2766	695248	2136394	0
	Sewage	HIGH	9	154210	2335	803	437	441	508	305	6319	695325	2136408	269
	River	LOW	9	21527475	62570	0	0	3139	0	3240	95774	818910	390658	129
	River	HIGH	9	21527475	78117	44415	22243	24177	27205	24168	1178885	1194811	740475	22237
	Total	LOW	29	21780736	64779	0	0	3178	0	3251	98580	1526617	2899012	1310
	Total	HIGH	29	21780736	80638	45847	23060	24860	27844	24539	1185845	1904502	3249578	23783
E9	Industrial	LOW	2	1170	2	0	0	0	0	0	0	455	1092	0
	Industrial	HIGH	2	1170	5	18	9	5	2	4	9	458	1104	2
	Sewage	LOW	5	112051	657	0	0	143	0	0	0	0	0	0
	Sewage	HIGH	5	112051	716	900	460	428	134	240	488	0	0	130
	River	LOW	6	4015872	10004	0	0	6	0	718	0	30583	12557	0
	River	HIGH	6	4015872	11183	4535	2215	3229	1907	3218	7733	32498	17576	2595
	Total	LOW	18	4129093	10683	0	0	148	0	718	0	31037	13648	0
	Total	HIGH	18	4129093	11904	5452	2683	3662	2043	3462	8230	32956	18680	2727
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	551884	308	0	0	8	0	52	0	8356	9512	0
	Sewage	HIGH	4	551884	488	270	198	230	194	292	771	8845	10187	280
	River	LOW	7	2543931	6047	0	0	5	0	1305	0	20005	62159	0
	River	HIGH	7	2543931	6433	2183	1033	1656	995	2240	4215	31397	64387	1415
	Total	LOW	13	3095815	6355	0	0	13	0	1356	0	28361	71671	0
	Total	HIGH	13	3095815	6921	2453	1231	1886	1189	2532	4986	40242	74573	1698
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	329465	968	0	0	11	0	42	0	4829	283	0
	Sewage	HIGH	5	329465	1258	1067	634	539	379	512	684	4859	627	407
	River	LOW	4	367190	1497	0	0	4	0	18	0	1519	2560	0
	River	HIGH	4	367190	1497	256	74	223	71	173	713	7203	5462	143
	Total	LOW	9	696656	2465	0	0	15	0	60	0	6348	2842	0
	Total	HIGH	9	696656	2755	1323	708	762	451	685	1397	12061	6089	549

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2703944	61913	0	0	1893	0	747	1776	22234	1294807	56
	Sewage	HIGH	8	2703944	61913	4802	4485	6407	4649	5745	214852	1095054	1782498	4499
	River	LOW	2	5549944	50151	1505	0	313	0	532	0	828792	223050	0
	River	HIGH	2	5549944	50315	8388	7949	8032	7990	8877	434657	2623761	2193449	8167
	Total	LOW	13	8253888	112064	1506	0	2206	0	1279	1776	851027	1517857	58
	Total	HIGH	13	8253888	112220	13190	12434	14440	12638	14621	649510	3718815	3975947	12667
E13	Industrial	LOW	5	48638	8		0					1030	1830	
	Industrial	HIGH	5	48638	23		18					1046	2772	
	Sewage	LOW	6	175254	3715		0	26						
	Sewage	HIGH	6	175254	3780		86	75						
	River	LOW	2	825341	2736									
	River	HIGH	2	825341	2736									
	Total	LOW	21	1049233	6459		0	26				1030	1830	
	Total	HIGH	21	1049233	6839		104	75				1046	2772	
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	385865	3319			253				17569	142491	
	Sewage	HIGH	5	385865	3455			367				19684	142491	
	River	LOW	2	1102211										
	River	HIGH	2	1102211										
	Total	LOW	16	1488076	3319			253				17569	142491	
	Total	HIGH	16	1488076	3455			367				19684	142491	
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	60000	991		0							
	Sewage	HIGH	2	60000	991		110							
	River	LOW	1	739069	1664							193369	195533	
	River	HIGH	1	739069	1698							193369	195533	
	Total	LOW	6	799069	2655		0					193369	195533	
	Total	HIGH	6	799069	2689		110					193369	195533	
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66173	926	2	1	111	1	0	564	23308	8372	12
	Sewage	HIGH	3	66173	969	80	91	144	98	217	1091	23750	8372	97
	River	LOW	4	3473829	3246	0	0	290	0	0	1462	0	8235	29
	River	HIGH	4	3473829	3246	382	784	895	912	12135	32174	260675	67206	802
	Total	LOW	8	3540002	4172	2	1	400	1	0	2026	23308	16607	41
	Total	HIGH	8	3540002	4215	462	875	1040	1011	12352	33265	284425	75578	899

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	182288	1984	13	1	275	6	0	690	9085	7712	24
	Sewage	HIGH	7	182288	1986	182	197	362	219	417	3715	10447	7712	206
	River	LOW	4	4245958	1139	0	0	375	0	66087	650			385
	River	HIGH	4	4245958	1199	263	341	617	393	68378	5640			577
	Total	LOW	11	4428247	3123	13	1	649	6	66087	1340	9085	7712	409
	Total	HIGH	11	4428247	3185	445	538	979	611	68795	9355	10447	7712	783
E18	Industrial	LOW	1	9457										
	Industrial	HIGH	1	9457										
	Sewage	LOW	6	73289	940	7	0	89	0	29	263	347	511	50
	Sewage	HIGH	6	73289	940	83	91	128	97	200	1911	894	617	123
	River	LOW	12	5756059	3445	0	0	0	0	0	6725			170
	River	HIGH	12	5756059	3473	453	614	734	959	9327	31923			734
	Total	LOW	21	5838805	4386	7	0	89	0	29	6989	347	511	220
	Total	HIGH	21	5838805	4414	536	705	861	1055	9527	33834	894	617	857
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	20381	313	3	3	75	7	1	290	111	0	1
	Sewage	HIGH	4	20381	314	25	26	78	30	47	419	414	93	23
	River	LOW	3	921672	0	0	0	0	0	0	0			
	River	HIGH	3	921672	0	0	0	0	0	0	0			
	Total	LOW	8	945473	313	3	3	75	7	1	290	111	0	1
	Total	HIGH	8	945473	314	25	26	78	30	47	419	414	93	23
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	14367	35	2	2	23	0	0	43	979	15609	2
	Sewage	HIGH	2	14367	35	7	7	23	7	12	151	1155	15738	7
	River	LOW	3	3262836	0	0	0	0	0	0	0			
	River	HIGH	3	3262836	0	0	0	0	0	0	0			
	Total	LOW	5	3277203	35	2	2	23	0	0	43	979	15609	2
	Total	HIGH	5	3277203	35	7	7	23	7	12	151	1155	15738	7
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24683	328	8	0	100	0	0	1008	7851	3850	36
	Sewage	HIGH	1	24683	356	40	40	114	43	105	1008	14647	4713	55
	River	LOW	3	1228909	2389	0	0	335	0	0	127	28546	0	0
	River	HIGH	3	1228909	2389	138	186	363	366	2902	17638	74127	15516	244
	Total	LOW	4	1253592	2717	8	0	435	0	0	1135	36398	3850	36
	Total	HIGH	4	1253592	2745	177	225	477	409	3008	18645	88774	20230	299

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E22	Industrial	LOW	4	16906	398	0	6	61	0	0	4794	0	26	493
	Industrial	HIGH	4	16906	414	22	30	79	27	48	5190	534934	117633	538
	Sewage	LOW	3	275609	3761	0	117	356	0	0	5273	164903	307529	168
	Sewage	HIGH	3	275609	4244	1263	915	986	837	1328	15758	182529	312373	876
	River	LOW	2	10914383	20855	0	0	293	0	0	535	212580	40257	487
	River	HIGH	2	10914383	34178	34523	17996	18292	18087	22038	1054285	531684	360957	18464
	Total	LOW	11	11206897	25013	0	123	709	0	0	10802	377484	347812	1148
	Total	HIGH	11	11206897	38836	35809	18940	19358	18950	23414	1075233	1249146	790964	19877
E23	Industrial	LOW	2	21005	0	0	0	0	0	0	0			0
	Industrial	HIGH	2	21005	130	130	130	130	261	130	519			130
	Sewage	LOW	6	292055	17	0	0	0	0	0	3070			0
	Sewage	HIGH	6	292055	4194	4234	4234	4147	7647	4234	12436			4171
	River	LOW	8	9784696	0	3297	0	11505	0	0	0	461923	345969	0
	River	HIGH	8	9784696	34252	36703	35480	44109	34384	33272	63667	543172	476712	31834
	Total	LOW	48	10097756	17	3297	0	11505	0	0	3070	461923	345969	0
	Total	HIGH	48	10097756	38877	41068	39845	48386	42292	37636	78823	543172	476712	36135
E24	Industrial	LOW	4	67047	0						0	29167	41	0
	Industrial	HIGH	4	67047	435						1172	47491	19172	329
	Sewage	LOW	6	158186	825	0	0	0	0	0	0	31336	61074	0
	Sewage	HIGH	6	158186	1824	498	498	498	997	498	1495	142100	167251	498
	River	LOW	7	3050677	0	0	0	0	0	0	0	212763	58350	0
	River	HIGH	7	3050677	11141	8413	8413	8413	8413	8413	17518	292510	163278	8413
	Total	LOW	54	3275910	825	0	0	0	0	0	0	273266	119465	0
	Total	HIGH	54	3275910	13399	8912	8912	8912	9410	8912	20165	482101	349701	9241
E25	Industrial	LOW	3	15966	0	0	0	0	0	0	0	111783	7	0
	Industrial	HIGH	3	15966	273	273	273	273	540	273	850	112133	1360	273
	Sewage	LOW	3	119518	0	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	3	119518	1012	753	753	753	1505	753	2258	0	0	753
	River	LOW	7	6985319	0	0	0	0	0	0	0	1361	126	0
	River	HIGH	7	6985319	28005	27699	27699	27699	27699	27699	46121	23424	22590	27699
	Total	LOW	41	7120603	0	0	0	0	0	0	0	113144	132	0
	Total	HIGH	41	7120603	28290	28724	28724	28724	29744	28724	49229	135557	23950	28724
E26	Industrial	LOW	1	148	0	0	0	0	0	0	0			0
	Industrial	HIGH	1	148	1	1	1	1	1	1	1			1
	Sewage	LOW	1	7668	0	0	0	0	0	0	0			40
	Sewage	HIGH	1	7668	56	56	56	56	112	56	168			93
	River	LOW	6	9148221	0	0	0	0	0	0	0	0	0	0
	River	HIGH	6	9148221	35100	35100	35100	35100	35100	35100	61412	42098	42098	35100
	Total	LOW	24	9156037	0	0	0	0	0	0	0	0	0	40
	Total	HIGH	24	9156037	35156	35156	35156	35156	35212	35156	61581	42098	42098	35193

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Gamma HCH g/year	DDT g/year	Aldrin g/year	Dieldrin g/year	Endrin g/year	Trifluralin g/year	TCB g/year	Trichloro ethylene g/year	Tetrachloro ethylene g/year	HCB g/year
E27	Industrial	LOW	4	16669	0	0	0	0	0	0	0	38856	24430	0
	Industrial	HIGH	4	16669	71	71	3443	71	91	71	161	38856	24430	71
	Sewage	LOW	6	51829	0	0	0	0	0	0	0	436	2501	0
	Sewage	HIGH	6	51829	203	148	148	148	194	148	342	1191	3091	148
	River	LOW	3	4068886	0	0	0	0	0	0	0	11814	12447	0
	River	HIGH	3	4068886	14987	14987	14987	14987	14987	14987	29974	70837	73568	14987
	Total	**LOW**	**39**	**4137383**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**51106**	**39378**	**0**
	Total	**HIGH**	**39**	**4137383**	**15260**	**15205**	**18577**	**15205**	**15271**	**15205**	**30477**	**110885**	**101089**	**15205**
E28	Industrial	LOW	5	38777							7687	2454872	1732603	
	Industrial	HIGH	5	38777							26726	2454872	1738387	
	Sewage	LOW	4	242500	12767						2717	302241	461841	1009
	Sewage	HIGH	4	242500	13289						90639	302241	473450	4610
	River	LOW	5	3644750	20484	0	0	0	0	0	930	1574899	552778	4305
	River	HIGH	5	3644750	22424	2138	1992	2006	3768	6493	1125948	2194030	1410231	45993
	Total	**LOW**	**24**	**3926027**	**33250**	**0**	**0**	**0**	**0**	**0**	**11334**	**4332012**	**2747221**	**5313**
	Total	**HIGH**	**24**	**3926027**	**35712**	**2138**	**1992**	**2006**	**3768**	**6493**	**1242313**	**4951143**	**3622068**	**50603**
E29	Industrial	LOW	1	125							21	8671	6211	0
	Industrial	HIGH	1	125							89	8671	6227	0
	Sewage	LOW	1	88000	2111	0	0	0	0	0		0	0	0
	Sewage	HIGH	1	88000	2304	482	482	482	482	482		0	0	482
	River	LOW	7	6942636	7278	0	748	0	0	0	942781	0	193854	175
	River	HIGH	7	6942636	15265	6492	7226	6912	9109	14137	3326207	2588378	2276014	97683
	Total	**LOW**	**17**	**7030761**	**9389**	**0**	**748**	**0**	**0**	**0**	**942802**	**8671**	**200065**	**175**
	Total	**HIGH**	**17**	**7030761**	**17569**	**6974**	**7707**	**7394**	**9591**	**14618**	**3326296**	**2597049**	**2282242**	**98165**
E30	Industrial	LOW	1	21595										
	Industrial	HIGH	1	21595										
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	6126681	2267	0	0	0	0	0	0	0	0	0
	River	HIGH	2	6126681	9086	5480	5480	5480	9086	9778	2512386	2523197	1900080	90962
	Total	**LOW**	**5**	**6148276**	**2267**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**5**	**6148276**	**9086**	**5480**	**5480**	**5480**	**9086**	**9778**	**2512386**	**2523197**	**1900080**	**90962**
Total	Industrial	LOW	51	541173	641	7	27	85	0	467	18098	2676604	2138961	2352
	Industrial	HIGH	51	541173	1851	1355	4408	924	1167	1232	148277	3282892	2340586	3314
	Sewage	LOW	103	6611945	103600	48	1226	3713	13	943	63782	1386733	4929850	1486
	Sewage	HIGH	103	6611945	112299	16278	15413	17024	18692	16124	720592	2754383	5660218	18231
	River	LOW	115	125604939	204203	4802	2522	17318	2812	72204	1048985	4440375	2102415	5740
	River	HIGH	115	125604939	379822	239908	197993	210400	210905	310625	10608983	13599631	10362607	415174
	Total	**LOW**	**269**	**132758057**	**308444**	**4857**	**3776**	**21115**	**2826**	**73614**	**1130885**	**8503712**	**9171228**	**9578**
	Total	**HIGH**	**269**	**132758057**	**493972**	**257541**	**217814**	**228349**	**230764**	**327980**	**11477852**	**19636906**	**18363411**	**436720**

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E2	Industrial	LOW	1	4	0	0	5							
	Industrial	HIGH	1	4	1	1	5							
	Sewage	LOW	1	237139	52867	17985	835533	0						
	Sewage	HIGH	1	237139	132131	97093	835533	345						
	River	LOW	3	4840302	0	0	596748	0	6528	0	0	0		0
	River	HIGH	3	4840302	184931	184931	649955	7408	35313	66274	72178	87206		82843
	Total	LOW	5	5077445	52867	17985	1432288	0	6528	0	0	0		0
	Total	HIGH	5	5077445	317063	282025	1485494	7753	35313	66274	72178	87206		82843
E3	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	1	1236879	0	352	227080	0	0	0	0	0		0
	River	HIGH	1	1236879	44572	39059	229632	1991	8853	17706	22145	18879		22132
	Total	LOW	1	1236879	0	352	227080	0	0	0	0	0		0
	Total	HIGH	1	1236879	44572	39059	229632	1991	8853	17706	22145	18879		22132
E4	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	132595	22919	0	420376	0						
	Sewage	HIGH	1	132595	66042	47591	424055	205						
	River	LOW												
	River	HIGH												
	Total	LOW	1	132595	22919	0	420376	0						
	Total	HIGH	1	132595	66042	47591	424055	205						
E5	Industrial	LOW	4	156408	0	2899	41319753	7	0	0	0	0	0	0
	Industrial	HIGH	4	156408	56101	58181	41319753	234	945	1889	2277	2289	0	2362
	Sewage	LOW	2	95006	8626	0	545694	19						
	Sewage	HIGH	2	95006	38409	36830	545694	150						
	River	LOW	1	2759340	0	0	141459	0	369	0	0	0		0
	River	HIGH	1	2759340	97891	97891	194381	4426	19612	39156	52954	41805		48945
	Total	LOW	7	3010754	8626	2899	42006906	26	369	0	0	0		0
	Total	HIGH	7	3010754	192401	192902	42059828	4809	20556	41048	55231	44095		51307
E6	Industrial	LOW	1	24788										
	Industrial	HIGH	1	24788										
	Sewage	LOW	1	43394	0	0	20158	0				0		
	Sewage	HIGH	1	43394	481	0	21822	167				1219		
	River	LOW	1	541870	0	145	19552	0		0	0	0		0
	River	HIGH	1	541870	841	11579	33391	428		1076	426	1118		1244
	Total	LOW	3	610052	0	145	39710	0		0	0	0		0
	Total	HIGH	3	610052	1322	11579	55213	596		1076	426	2337		1244

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E7	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	14593	0	0	24712	0						
	Sewage	HIGH	1	14593	113	0	24712	54						
	River	LOW												
	River	HIGH												
	Total	**LOW**	**1**	**14593**	**0**	**0**	**24712**	**0**						
	Total	**HIGH**	**1**	**14593**	**113**	**0**	**24712**	**54**						
E7a	Industrial	LOW	11	99052	0	3025	230385	0	0	0	0	46	0	0
	Industrial	HIGH	11	99052	154	5392	230656	235	39	1079	8605	1315	66	2198
	Sewage	LOW	9	154210	0	2227	249131	0	0	0	0	0	0	0
	Sewage	HIGH	9	154210	995	3978	249260	516	80	6401	5354	2160	111	2153
	River	LOW	9	21527475	0	65546	1989166	7719	0	2062	0	0	0	0
	River	HIGH	9	21527475	39873	517761	2734140	44461	30739	100551	126534	95128	61311	167402
	Total	**LOW**	**29**	**21780736**	**0**	**70798**	**2468682**	**7719**	**0**	**2062**	**0**	**46**	**0**	**0**
	Total	**HIGH**	**29**	**21780736**	**41022**	**527131**	**3214058**	**45211**	**30859**	**108031**	**140493**	**98603**	**61488**	**171754**
E9	Industrial	LOW	2	1170	0	24606	226362	0						
	Industrial	HIGH	2	1170	4	24622	226362	4						
	Sewage	LOW	5	112051	0			0	0	0	0	0	0	0
	Sewage	HIGH	5	112051	272			244	61	86	86	86	86	86
	River	LOW	6	4015872	0	1528	87815	173	0	0	0	0	0	0
	River	HIGH	6	4015872	1662	10533	95153	3802	1656	1656	1656	1656	1656	1656
	Total	**LOW**	**18**	**4129093**	**0**	**26134**	**314178**	**173**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**18**	**4129093**	**1938**	**35155**	**321515**	**4050**	**1717**	**1741**	**1741**	**1741**	**1741**	**1741**
E10	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	4	551884	0	0	9535	0	2789	0	0	0	0	0
	Sewage	HIGH	4	551884	154	1565	9805	164	3038	574	574	574	574	574
	River	LOW	7	2543931	0	0	81207	0	0	0	0	0	0	0
	River	HIGH	7	2543931	844	12994	101851	789	1138	1138	1138	1138	1138	1138
	Total	**LOW**	**13**	**3095815**	**0**	**0**	**90742**	**0**	**2789**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**13**	**3095815**	**999**	**14559**	**111656**	**953**	**4176**	**1712**	**1712**	**1712**	**1712**	**1712**
E11	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	329465	0	0	2417	0						
	Sewage	HIGH	5	329465	245	470	2417	212						
	River	LOW	4	367190	0	0	7446	0	0	0	0	0	0	0
	River	HIGH	4	367190	143	3381	18803	71	1544	1193	1193	1193	1193	1193
	Total	**LOW**	**9**	**696656**	**0**	**0**	**9863**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Total	**HIGH**	**9**	**696656**	**387**	**3851**	**21220**	**284**	**1544**	**1193**	**1193**	**1193**	**1193**	**1193**

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E12	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	8	2703944	0	0	1227745	0	0	2234	0	0	0	0
	Sewage	HIGH	8	2703944	34205	1088388	1730730	0	19316	20657	19428	19529	19526	19526
	River	LOW	2	5549944	0	0	222554	0	0	0	3444	0	0	0
	River	HIGH	2	5549944	66914	2274729	2748055	0	35418	44397	43132	41601	41655	40790
	Total	LOW	13	8253888	0	0	1450299	0	0	2234	3444	0	0	0
	Total	HIGH	13	8253888	101119	3363117	4478784	0	54734	65054	62560	61130	61181	60316
E13	Industrial	LOW	5	48638		6791	27391							
	Industrial	HIGH	5	48638		7937	27395							
	Sewage	LOW	6	175254										
	Sewage	HIGH	6	175254										
	River	LOW	2	825341										
	River	HIGH	2	825341										
	Total	LOW	21	1049233		6791	27391							
	Total	HIGH	21	1049233		7937	27395							
E14	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	5	385865			64226							
	Sewage	HIGH	5	385865			64226							
	River	LOW	2	1102211										
	River	HIGH	2	1102211										
	Total	LOW	16	1488076			64226							
	Total	HIGH	16	1488076			64226							
E15	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	60000										
	Sewage	HIGH	2	60000										
	River	LOW	1	739069			67985							
	River	HIGH	1	739069			67985							
	Total	LOW	6	799069			67985							
	Total	HIGH	6	799069			67985							
E16	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	3	66173	7	37	19646	0						
	Sewage	HIGH	3	66173	93	1231	20167	424						
	River	LOW	4	3473829	118	0	66579	0	0			0		0
	River	HIGH	4	3473829	2760	64850	423095	2613	4278			1119		15330
	Total	LOW	8	3540002	125	37	86228	0	0			0		0
	Total	HIGH	8	3540002	2854	66081	443262	3037	4278			1119		15330

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E17	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	7	182288	22	0	44363	10	239	203	0	312	0	606
	Sewage	HIGH	7	182288	192	1186	44363	924	3196	1171	0	1748	1047	2174
	River	LOW	4	4245958	41314			0						
	River	HIGH	4	4245958	42118			929						
	Total	**LOW**	**11**	**4428247**	**41336**	**0**	**44363**	**10**	**239**	**203**	**0**	**312**	**0**	**606**
	Total	**HIGH**	**11**	**4428247**	**42310**	**1186**	**44363**	**1853**	**3196**	**1171**	**0**	**1748**	**1047**	**2174**
E18	Industrial	LOW	1	9457										
	Industrial	HIGH	1	9457										
	Sewage	LOW	6	73289	99	0	4435	0	66	14		0	10	0
	Sewage	HIGH	6	73289	170	183	4800	423	573	185		343	135	272
	River	LOW	12	5756059	11			0	1456	0		0	0	0
	River	HIGH	12	5756059	2982			4109	12378	3653		6837	4002	7056
	Total	**LOW**	**21**	**5838805**	**110**	**0**	**4435**	**0**	**1522**	**14**		**0**	**10**	**0**
	Total	**HIGH**	**21**	**5838805**	**3153**	**183**	**4800**	**4532**	**12951**	**3838**		**7180**	**4137**	**7329**
E19	Industrial	LOW	1	3420										
	Industrial	HIGH	1	3420										
	Sewage	LOW	4	20381	1	0	11548	0						
	Sewage	HIGH	4	20381	20	93	11548	109						
	River	LOW	3	921672										
	River	HIGH	3	921672										
	Total	**LOW**	**8**	**945473**	**1**	**0**	**11548**	**0**						
	Total	**HIGH**	**8**	**945473**	**20**	**93**	**11548**	**109**						
E20	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	2	14367	1	0	9064	0						
	Sewage	HIGH	2	14367	6	186	9303	30						
	River	LOW	3	3262836					0	0		0	0	0
	River	HIGH	3	3262836					24565	8714		14260	8516	15223
	Total	**LOW**	**5**	**3277203**	**1**	**0**	**9064**	**0**	**0**	**0**		**0**	**0**	**0**
	Total	**HIGH**	**5**	**3277203**	**6**	**186**	**9303**	**30**	**24565**	**8714**		**14260**	**8516**	**15223**
E21	Industrial	LOW												
	Industrial	HIGH												
	Sewage	LOW	1	24683	0	447	198857	0						
	Sewage	HIGH	1	24683	34	3882	213625	187						
	River	LOW	3	1228909	0	0	25797	19	0	0		0		0
	River	HIGH	3	1228909	929	15516	102189	891	10968	10015		18772		4630
	Total	**LOW**	**4**	**1253592**	**0**	**447**	**224654**	**19**	**0**	**0**		**0**		**0**
	Total	**HIGH**	**4**	**1253592**	**964**	**19398**	**315814**	**1078**	**10968**	**10015**		**18772**		**4630**

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E22	Industrial	LOW	4	16906	125	967747	118561	0						
	Industrial	HIGH	4	16906	272	1009869	741002	122						
	Sewage	LOW	3	275609	48	7149	319870	0	65	0	0	637	0	1018
	Sewage	HIGH	3	275609	436	17471	345726	2235	914	2534	2534	5399	2534	9231
	River	LOW	2	10914383	87	0	0	0	0	399	0	0	0	0
	River	HIGH	2	10914383	19575	195591	824213	37998	39251	65099	62034	67599	62034	145334
	Total	LOW	11	11206897	259	974896	438430	0	65	399	0	637	0	1018
	Total	HIGH	11	11206897	20282	1222930	1910941	40354	40165	67633	64568	72998	64568	154565
E23	Industrial	LOW	2	21005	0			0	0	0		0		
	Industrial	HIGH	2	21005	130			202	130	130		130		
	Sewage	LOW	6	292055	0			0	0	0	0	0	0	0
	Sewage	HIGH	6	292055	4234			6312	4234	4234	2123	4234	2678	2123
	River	LOW	8	9784696	0	18768	293505	0	0	0	0	0	0	0
	River	HIGH	8	9784696	31834	176562	415632	34384	24105	25710	16342	24105	31532	19669
	Total	LOW	48	10097756	0	18768	293505	0	0	0	0	0	0	0
	Total	HIGH	48	10097756	38198	176562	415632	40898	28469	30075	18484	28469	34210	21792
E24	Industrial	LOW	4	67047	0	920	11407				0		0	0
	Industrial	HIGH	4	67047	329	19697	29726				335		391	335
	Sewage	LOW	6	158186	0	5452	133232	0	0	0	0	0	0	0
	Sewage	HIGH	6	158186	498	112637	272285	890	498	498	1002	498	1177	1002
	River	LOW	7	3050677	0	8171	541258	0	0	0	0	0	0	0
	River	HIGH	7	3050677	8452	115675	638053	8413	2426	2505	8755	2426	8600	8600
	Total	LOW	54	3275910	0	14543	685898	0	0	0	0	0	0	0
	Total	HIGH	54	3275910	9279	248008	940064	9304	2924	3003	10092	2924	10160	9937
E25	Industrial	LOW	3	15966	0	0	179	0	0	0	0	0	0	0
	Industrial	HIGH	3	15966	273	1355	1514	545	273	400	210	400	249	265
	Sewage	LOW	3	119518	0	0	0	0	0	0	0	0	0	0
	Sewage	HIGH	3	119518	753	0	0	767	753	753	640	753	831	640
	River	LOW	7	6985319	0	5690	7297	0	0	0	0	0	0	0
	River	HIGH	7	6985319	27564	25603	29350	27984	27265	26706	1951	27265	4452	3661
	Total	LOW	41	7120803	0	5690	7475	0	0	0	0	0	0	0
	Total	HIGH	41	7120803	28590	26958	30884	29297	28290	27859	2801	28417	5833	4568
E26	Industrial	LOW	1	148	0			0	0	0		0		
	Industrial	HIGH	1	148	1			1	1	1		1		
	Sewage	LOW	1	7668	0			0			0	0	0	0
	Sewage	HIGH	1	7668	56			109			56	0	64	56
	River	LOW	6	9148221	0	0	0	0	0	0	0	0	0	0
	River	HIGH	6	9148221	35100	42098	42098	35100	42905	42905	3788	42905	3788	3788
	Total	LOW	24	9156037	0	0	0	0	0	0	0	0	0	0
	Total	HIGH	24	9156037	35156	42098	42098	35209	42906	42906	3844	42906	3853	3844

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	HCBD g/year	Carbon Tetrachloride g/year	Chloroform g/year	Endosulphan g/year	Dichlorvos g/year	Fenitrothion g/year	Fenthion g/year	Malathion g/year	Parathion g/year	Parathion-Methyl g/year
E27	Industrial	LOW	4	16669	0	0	16695	0	0	0	0	0	0	0
	Industrial	HIGH	4	16669	71	1173	16695	91	24	23	9	23	20	9
	Sewage	LOW	6	51829	0	430	11570	0	0	0	0	0	0	0
	Sewage	HIGH	6	51829	148	805	11674	194	223	223	99	223	89	84
	River	LOW	3	4068886	0	0	147949	0	0	0	0	0	0	0
	River	HIGH	3	4068886	14987	62498	192600	14987	12514	14599	12427	14599	12640	12734
	Total	LOW	29	4137383	0	430	176214	0	0	0	0	0	0	0
	Total	HIGH	39	4137383	15205	64477	220970	15271	12760	14845	12535	14845	12749	12827
E28	Industrial	LOW	5	38777	0	1198027	15420047							
	Industrial	HIGH	5	38777	667	1201842	15420643							
	Sewage	LOW	4	242500	0	20364	873935							
	Sewage	HIGH	4	242500	3831	103006	886884							
	River	LOW	5	3644750	0	1058737	6311609	0	0	0		0	0	0
	River	HIGH	5	3644750	45276	1734368	6954257	6554	88645	86321		86321	86321	87384
	Total	LOW	24	3926027	0	2277128	22605591	0	0	0		0	0	0
	Total	HIGH	24	3926027	49774	2039215	23261784	6554	88645	86321		86321	86321	87384
E29	Industrial	LOW	1	125	0	28	5325							
	Industrial	HIGH	1	125	23	36	5325							
	Sewage	LOW	1	88000	0	0	0							
	Sewage	HIGH	1	88000	0	0	0							
	River	LOW	7	6942636	0	8106043	31423	0	470	0		0	0	350
	River	HIGH	7	6942636	128330	10104211	2454038	12665	204190	179414		180354	193741	202902
	Total	LOW	17	7030761	0	8106071	36749	0	470	0		0	0	350
	Total	HIGH	17	7030761	128353	10104246	2459363	12665	204190	179414		180354	193741	202902
E30	Industrial	LOW	1	21595										
	Industrial	HIGH	1	21595										
	Sewage	LOW												
	Sewage	HIGH												
	River	LOW	2	6126681	0	0	5140	0	0	0		0	0	0
	River	HIGH	2	6126681	182088	1958044	2288639	8161	119214	109365		112865	112865	115560
	Total	LOW	5	6148276	0	0	5140	0	0	0		0	0	0
	Total	HIGH	5	6148276	182088	1958044	2288639	8161	119214	109365		112865	112865	115560
Total	Industrial	LOW	51	541173	125	2204044	57376109	7	0	0	0	46	0	0
	Industrial	HIGH	51	541173	58026	2330105	58019077	1433	1412	3523	11436	4159	726	5169
	Sewage	LOW	103	6611945	84589	54092	5026048	29	3158	2452	0	949	10	1624
	Sewage	HIGH	103	6611945	283519	1516594	5728629	14663	32887	37315	31895	36766	28852	37920
	River	LOW	115	125604939	41530	9264981	10871569	7911	8823	2461	3444	0	0	350
	River	HIGH	115	125604939	979666	17647871	21237511	258162	746974	848151	426652	889151	635445	1009215
	Total	LOW	269	132758057	126244	11523117	73273726	7947	11981	4913	3444	998	10	1975
	Total	HIGH	269	132758057	1321211	21494570	84985217	274258	781273	888989	469983	930076	665023	1052304

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E2	Industrial	LOW	1	4						2	0
	Industrial	HIGH	1	4						3	2
	Sewage	LOW	1	237139			3854	925	328953	80911	272475
	Sewage	HIGH	1	237139			4838	2008	337582	141403	281699
	River	LOW	3	4840302	0	0	73569	108259	59333	599216	234135
	River	HIGH	3	4840302	99411	132548	78747	122187	231462	679478	329958
	Total	**LOW**	**5**	**5077445**	**0**	**0**	**77423**	**109184**	**388286**	**680129**	**506810**
	Total	**HIGH**	**5**	**5077445**	**99411**	**132548**	**83585**	**124195**	**569043**	**820885**	**611659**
E3	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW									
	Sewage	HIGH									
	River	LOW	1	1236879	0	0	39170	1132	56931	225624	27106
	River	HIGH	1	1236879	26559	35412	45597	12643	73021	239528	56258
	Total	**LOW**	**1**	**1236879**	**0**	**0**	**39170**	**1132**	**56931**	**225624**	**27106**
	Total	**HIGH**	**1**	**1236879**	**26559**	**35412**	**45597**	**12643**	**73021**	**239528**	**56258**
E4	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	132595			6188	583	17105	111142	814613
	Sewage	HIGH	1	132595			6871	1303	21841	139524	814613
	River	LOW									
	River	HIGH									
	Total	**LOW**	**1**	**132595**			**6188**	**583**	**17105**	**111142**	**814613**
	Total	**HIGH**	**1**	**132595**			**6871**	**1303**	**21841**	**139524**	**814613**
E5	Industrial	LOW	4	156408	0	0	1860	0	226330	7508814	632971
	Industrial	HIGH	4	156408	2834	3778	2417	914	227536	7523310	638630
	Sewage	LOW	2	95006			0	0	59162	46025	48883
	Sewage	HIGH	2	95006			551	551	59392	71811	64364
	River	LOW	1	2759340	0	0	56145	33830	41540	209438	61719
	River	HIGH	1	2759340	58735	78313	65463	43148	139433	274746	114145
	Total	**LOW**	**7**	**3010754**	**0**	**0**	**58004**	**33830**	**327033**	**7764277**	**743573**
	Total	**HIGH**	**7**	**3010754**	**61568**	**82091**	**68421**	**44614**	**426361**	**7869867**	**817339**
E6	Industrial	LOW	1	24788							
	Industrial	HIGH	1	24788							
	Sewage	LOW	1	43394						1621	1434
	Sewage	HIGH	1	43394						62680	2177
	River	LOW	1	541870	0	0	451	537	0	39633	13372
	River	HIGH	1	541870	1411	1143	2873	3442	44960	628357	16480
	Total	**LOW**	**3**	**610052**	**0**	**0**	**451**	**537**	**0**	**41254**	**14806**
	Total	**HIGH**	**3**	**610052**	**1411**	**1143**	**2873**	**3442**	**44960**	**691038**	**18656**

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E7	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	14593						0	14443
	Sewage	HIGH	1	14593						37048	14443
	River	LOW									
	River	HIGH									
	Total	LOW	1	14593						0	14443
	Total	HIGH	1	14593						37048	14443
E7a	Industrial	LOW	11	99052	0	389	5	40	684	13740	178052
	Industrial	HIGH	11	99052	1484	1244	2207	1576	1535	40575	178593
	Sewage	LOW	9	154210	0	0	1705	11401	3424	34129	274342
	Sewage	HIGH	9	154210	5207	1892	14079	24065	10343	339964	274629
	River	LOW	9	21527475	0	0	1253950	718843	87172	1237295	541666
	River	HIGH	9	21527475	190540	166692	1895081	833580	1382847	20052350	744800
	Total	LOW	29	21780736	0	389	1255660	730284	91280	1285164	994060
	Total	HIGH	29	21780736	197230	169828	1911287	859221	1394726	20432888	1198021
E9	Industrial	LOW	2	1170			89	52		0	70
	Industrial	HIGH	2	1170			93	56		7	72
	Sewage	LOW	5	112051	0	0	0		2766		
	Sewage	HIGH	5	112051	86	86	0		2833		
	River	LOW	6	4015872	0	0	88483	150625	16136	206	67748
	River	HIGH	6	4015872	1656	1656	93325	151637	139835	7898	71064
	Total	LOW	18	4129093	0	0	88571	150677	18903	206	67818
	Total	HIGH	18	4129093	1741	1741	93417	151693	142669	7905	71136
E10	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	4	551884	0	0	0	51	0	1089	5791
	Sewage	HIGH	4	551884	574	574	245	69	1479	2982	6045
	River	LOW	7	2543931	0	0	59176	74380	11321	873	112030
	River	HIGH	7	2543931	1138	1138	59176	74805	21947	108800	119297
	Total	LOW	13	3095815	0	0	59176	74431	11321	1962	117820
	Total	HIGH	13	3095815	1712	1712	59421	74874	23427	111781	125342
E11	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	5	329465			6352	6768	1902	0	3107
	Sewage	HIGH	5	329465			6352	6768	6729	344	3107
	River	LOW	4	367190	0	0	9977	20548	696	0	1946
	River	HIGH	4	367190	1193	1193	9977	20548	3047	56612	5010
	Total	LOW	9	696656	0	0	16329	27316	2598	0	5053
	Total	HIGH	9	696656	1193	1193	16329	27316	9777	56956	8117

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E12	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	8	2703944	509	0	125332	213236	69417	0	133355
	Sewage	HIGH	8	2703944	19262	19719	126622	218547	130471	1682054	1117868
	River	LOW	2	5549944	0	0	154652	128865	55134	0	18088
	River	HIGH	2	5549944	41826	34051	154652	143971	153567	3515491	2069580
	Total	LOW	13	8253888	509	0	279984	342101	124551	0	151444
	Total	HIGH	13	8253888	61088	53770	281273	362518	284038	5197545	3187448
E13	Industrial	LOW	5	48638					12124	121	1325
	Industrial	HIGH	5	48638					12175	1217	2011
	Sewage	LOW	6	175254					3812		
	Sewage	HIGH	6	175254					3846		
	River	LOW	2	825341			50957	187842			
	River	HIGH	2	825341			52937	188246			
	Total	LOW	21	1049233			50957	187842	15936	121	1325
	Total	HIGH	21	1049233			52937	188248	16021	1217	2011
E14	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	5	385865			6501	9896	2986	22734	43388
	Sewage	HIGH	5	385865			6706	10549	3082	34570	44069
	River	LOW	2	1102211			7802	8037			
	River	HIGH	2	1102211			10062	10125			
	Total	LOW	16	1488076			14303	17933	2986	22734	43388
	Total	HIGH	16	1488076			16768	20675	3082	34570	44069
E15	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	2	60000			712	522			1971
	Sewage	HIGH	2	60000			2537	2375			1971
	River	LOW	1	739069			6810	412	2817	0	145595
	River	HIGH	1	739069			6936	4186	2817	11431	145595
	Total	LOW	6	799069			7522	935	2817	0	147566
	Total	HIGH	6	799069			9472	6561	2817	11431	147566
E16	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	3	66173				77	371	0	765
	Sewage	HIGH	3	66173				132	1081	48279	8532
	River	LOW	4	3473829			62367	6989	0	0	0
	River	HIGH	4	3473829			62756	9844	51692	2402568	366956
	Total	LOW	8	3540002			62367	7066	371	0	765
	Total	HIGH	8	3540002			62756	9975	52773	2450847	375488

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E17	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	7	182288	0	0	4826	871	0	0	0
	Sewage	HIGH	7	182288	15633	8451	5260	1497	514	47456	7584
	River	LOW	4	4245958							
	River	HIGH	4	4245958							
	Total	LOW	11	4428247	0	0	4826	871	0	0	0
	Total	HIGH	11	4428247	15633	8451	5260	1497	514	47456	7584
E18	Industrial	LOW	1	9457							
	Industrial	HIGH	1	9457							
	Sewage	LOW	6	73289	0	0	1109	446		0	192
	Sewage	HIGH	6	73289	2831	1255	1337	535		7300	1188
	River	LOW	12	5756059	0	0	1390	499			
	River	HIGH	12	5756059	48256	41125	5079	2603			
	Total	LOW	21	5838805	0	0	2499	945		0	192
	Total	HIGH	21	5838805	51088	42380	6416	3138		7300	1188
E19	Industrial	LOW	1	3420							
	Industrial	HIGH	1	3420							
	Sewage	LOW	4	20381						0	0
	Sewage	HIGH	4	20381						3735	560
	River	LOW	3	921672							
	River	HIGH	3	921672							
	Total	LOW	8	945473						0	0
	Total	HIGH	8	945473						3735	560
E20	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	2	14367						0	
	Sewage	HIGH	2	14367						7426	
	River	LOW	3	3262836	0	0	33425	1198			
	River	HIGH	3	3262836	81298	77469	36317	5481			
	Total	LOW	5	3277203	0	0	33425	1198		0	
	Total	HIGH	5	3277203	81298	77469	36317	5481		7426	
E21	Industrial	LOW									
	Industrial	HIGH									
	Sewage	LOW	1	24683			20		0	0	0
	Sewage	HIGH	1	24683			226		448	109047	13141
	River	LOW	3	1228909	0	0	33987	5615	0	0	0
	River	HIGH	3	1228909	195798	108883	35900	6620	24035	620648	85376
	Total	LOW	4	1253592	0	0	34007	5815	0	0	0
	Total	HIGH	4	1253592	195798	108883	36126	6620	24482	729696	98516

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E22	Industrial	LOW	4	16906						51	122160
	Industrial	HIGH	4	16906						4209201	767123
	Sewage	LOW	3	275609	0	0	7018	2053	15035	1656891	155326
	Sewage	HIGH	3	275609	5228	5228	9745	4771	18361	2431133	203625
	River	LOW	2	10914383	0	0	107497	125382	0	0	0
	River	HIGH	2	10914383	199505	170734	139929	150982	513319	4338855	102372
	Total	LOW	11	11206897	0	0	114515	127436	15035	1656942	277486
	Total	HIGH	11	11206897	204733	175962	149674	155753	531680	10979188	1073120
E23	Industrial	LOW	2	21005			0	0	3235	0	
	Industrial	HIGH	2	21005			261	261	3531	33105	
	Sewage	LOW	6	292055			17581	0	81722	0	
	Sewage	HIGH	6	292055			25487	8469	91389	64625	
	River	LOW	8	9784696			28135	32301	0	21243	360304
	River	HIGH	8	9784696			73233	61544	401655	1840079	481628
	Total	LOW	48	10097756			45717	32301	84957	21243	360304
	Total	HIGH	48	10097756			98981	70274	496878	1937809	481628
E24	Industrial	LOW	4	67047					0	363639	8282
	Industrial	HIGH	4	67047					1757	387452	26556
	Sewage	LOW	6	158186			0	0	310	6624918	98311
	Sewage	HIGH	8	158186			997	997	2531	6661175	216141
	River	LOW	7	3050677			13246	1152	126	0	87259
	River	HIGH	7	3050677			22795	12407	84133	429762	202201
	Total	LOW	84	3275910			13246	1152	437	6988558	193852
	Total	HIGH	54	3275910			23791	13404	88421	7476389	444898
E25	Industrial	LOW	3	15966			329	712	0	10100	41
	Industrial	HIGH	3	15966			764	1148	852	12618	1385
	Sewage	LOW	3	119518			0	0	15	0	
	Sewage	HIGH	3	119518			1505	1505	2691	12796	
	River	LOW	7	6985319			12269	0	0	0	9822
	River	HIGH	7	6985319			38202	27699	277095	1381141	30819
	Total	LOW	41	7120803			12597	712	15	10100	9863
	Total	HIGH	41	7120803			40472	30352	280637	1406553	32204
E26	Industrial	LOW	1	148			0	0	0	0	
	Industrial	HIGH	1	148			2	2	6	399	
	Sewage	LOW	1	7668			0				
	Sewage	HIGH	1	7668			0				
	River	LOW	6	9148221			1450	0	0	0	0
	River	HIGH	6	9148221			35825	35100	365772	3828263	42098
	Total	LOW	24	9156037			1450	0	0	0	0
	Total	HIGH	24	9156037			35826	35101	365778	3828662	42098

ANNEX 1A High and Low Loads Summary: 1993

ICES Zone	Discharge Type	Load Type	No.of Sites	Flow cu.m/day	Azinphos-Methyl g/year	Azinphos-Ethyl g/year	Atrazine g/year	Simazine g/year	PCP g/year	Dichloro-ethane g/year	Trichloro-ethane g/year
E27	Industrial	LOW	4	16669			0	0	0	4	41898
	Industrial	HIGH	4	16669			46	46	332	7758	41898
	Sewage	LOW	6	51829			0	0	3117	12	6688
	Sewage	HIGH	6	51829			425	425	3656	75726	6859
	River	LOW	3	4068886			39023	884	0	0	9729
	River	HIGH	3	4068886			50302	14303	136150	5669490	68752
	Total	LOW	39	4137383			39023	884	3117	16	58314
	Total	HIGH	39	4137383			50773	14774	140139	5752974	117509
E28	Industrial	LOW	5	38777						8900440	700071
	Industrial	HIGH	5	38777						8914383	700071
	Sewage	LOW	4	242500			0	0	25884	189719	
	Sewage	HIGH	4	242500			49093	49093	28867	274641	
	River	LOW	5	3644750	62430		0	0	17975	2095570	20814
	River	HIGH	5	3644750	189890		1130286	1130286	120311	2816191	2088498
	Total	LOW	24	3926027	62430		0	0	43859	11185728	720884
	Total	HIGH	24	3926027	189890		1179379	1179379	149177	12008214	2788569
E29	Industrial	LOW	1	125						33363	9004
	Industrial	HIGH	1	125						33372	9004
	Sewage	LOW	1	88000							
	Sewage	HIGH	1	88000							
	River	LOW	7	6942636	11570		2845	896	11817	0	386711
	River	HIGH	7	6942636	330844		2084161	2083188	407892	2848756	4430619
	Total	LOW	17	7030761	11570		2845	896	11817	33363	395714
	Total	HIGH	17	7030761	330844		2084161	2083188	407892	2882127	4439623
E30	Industrial	LOW	1	21595							
	Industrial	HIGH	1	21595							
	Sewage	LOW									
	Sewage	HIGH									
	River	LOW	2	6126681	2429		8113	4875	0	0	0
	River	HIGH	2	6126681	177768		1219376	1272896	245545	2675461	2812504
	Total	LOW	5	6148276	2429		8113	4875	0	0	0
	Total	HIGH	5	6148276	177768		1219376	1272896	245545	2675461	2812504
Total	Industrial	LOW	51	541173	0	389	2281	804	242373	16830275	1693874
	Industrial	HIGH	51	541173	4317	5022	5790	4003	247725	21163396	2365544
	Sewage	LOW	103	6611945	509	0	181197	246829	615981	8769190	1875084
	Sewage	HIGH	103	6611945	48819	37204	262875	333659	727137	12255718	3082614
	River	LOW	115	125604939	76429	0	2144889	1613101	360999	4429097	2098044
	River	HIGH	115	125604939	1645828	850357	7408986	6421470	4820536	54425906	14384009
	Total	LOW	269	132758057	76939	389	2328367	1860734	1219352	30028583	5667002
	Total	HIGH	269	132758057	1696965	892584	7677651	6759132	5795398	87645021	19832156