

The Paris Commission 1995 Survey

**Report for England And Wales
by the Environment Agency**



**ENVIRONMENT
AGENCY**

Anglian Region
TaPS Graphics 1996

THE PARIS COMMISSION SIXTH ANNUAL SURVEY (1995).

Report of the Environment Agency.

Introduction.

1. At its meeting in Lisbon in June 1988 the Paris Commission decided to implement a comprehensive annual study of inputs of selected pollutants to Convention waters. The study was first carried out during the calendar year of 1990. It is the sixth annual study, for the 1995 calendar year, that is covered in this report.
2. The parameters monitored on a mandatory basis are five metals (mercury, cadmium, copper, zinc and lead), four nutrients (nitrates, orthophosphates, total nitrogen and total phosphorus), one pesticide (gamma HCH) and two general parameters (suspended particulate matter and salinity). PCB's are monitored on a voluntary basis for seven congeners (IUPAC numbers 28, 52, 101, 118, 138, 153 and 180). All analyses are carried out on unfiltered samples except that for orthophosphate.
3. The objective of the Survey is to monitor 90% of the input of each selected pollutant. As an aid to achieving this the Commission has published a document giving details of the methodology to be followed.

Procedure in England and Wales.

4. Within England and Wales the Environment Agency is the appropriate organisation to carry out the Survey work. In carrying out the Survey the Agency follows the methodology laid down in the Commission's Survey Document.
5. All the main English and Welsh river systems are sampled approximately monthly at a sampling point close to, but upstream of, the tidal limit: (i.e. the point at which the uni-directional fresh water flow ceases). In addition all major direct discharges of trade or sewage effluent entering downstream of that sampling point are also sampled as are major coastal discharges. These direct discharges are reviewed each year and rationalised to ensure the survey objective of 90% of input is still being met without an excessive sampling programme.
6. The river sampling regime is designed to cover the whole flow cycle but with a bias towards periods of expected high flow.

Parameters Monitored.

7. The parameters monitored by the Agency include all those asked for by the Commission. 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 (DAIN: Dissolves Available 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. Acid digestion to include other forms of these elements is not undertaken. Determination of PCB's as individual congeners, although voluntary,

is undertaken.

Estimation of Annual Load.

8. Of the two formulae given in the Paris Commission document, the Agency has used the second in which pollutant load is estimated by averaging actual load on those days in which the sample was taken. The first formula requires the mean annual flow rate for a river and this information is not readily available. However, for the Thames, a comparison has been carried out with loads calculated using both formulae. This has indicated that the second formula gives a result not significantly different from that calculated using the first.

Storm water Overflows.

- How do we know?
9. No storm water overflows have been sampled as part of our surveys. The contribution of storm water to total load is small. No significant error will have resulted from not including these inputs.

Format of the 1995 Results.

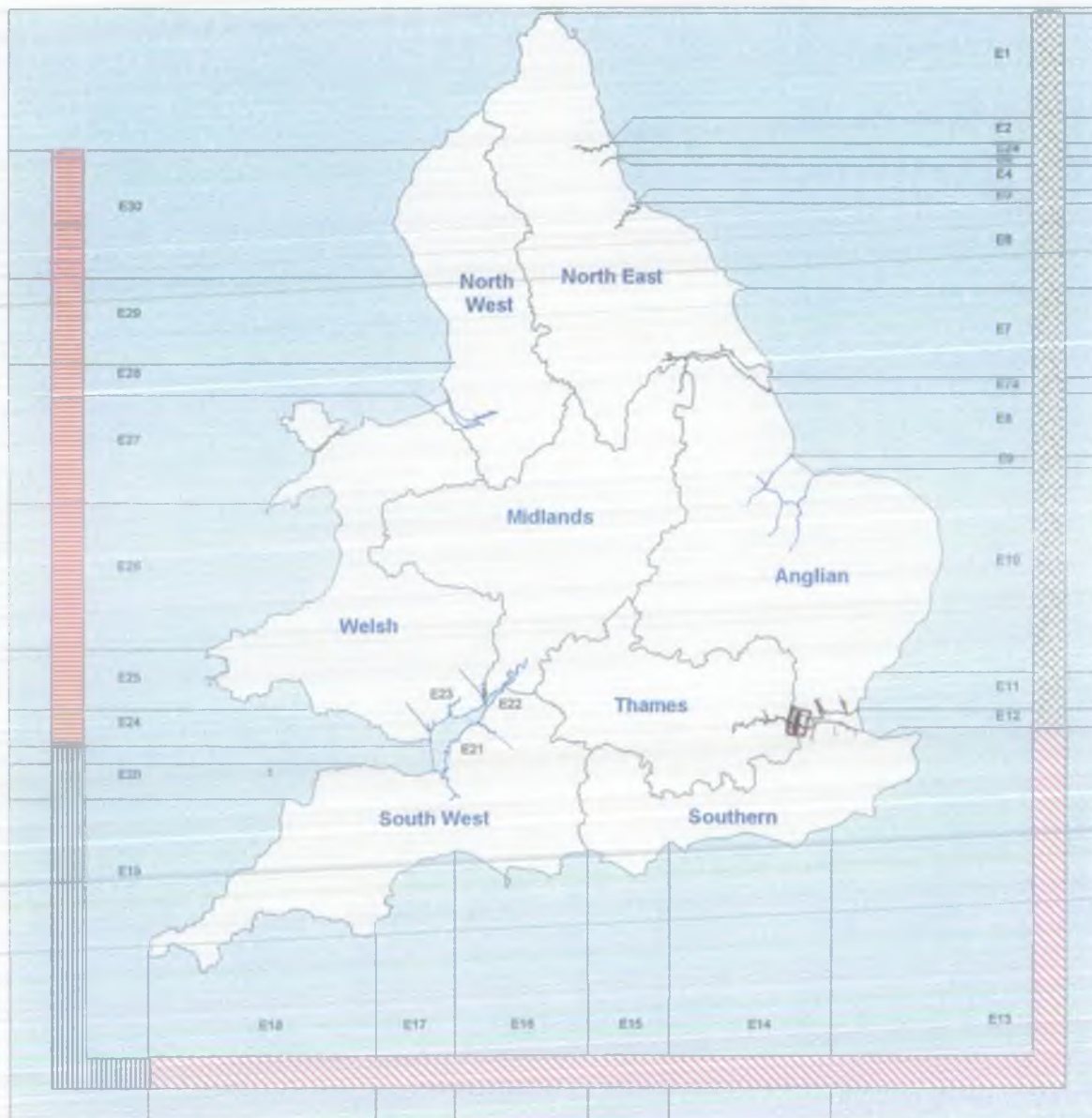
10. The results are presented as summary statistics for each of the ICES regions around the English and Welsh coastlines. Loads are separately recorded for rivers, sewage effluents and industrial effluents. The number of sites within each ICES Zone differs. Figure 1 shows the boundaries of the ICES Zones. Figure 2 shows how many discharges there are within each zone.
11. Two sets of load estimates are supplied. 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.

Conclusion.

12. The Environment Agency successfully carried out the Paris Commission Annual Survey during 1995. It is continuing to carry out Paris Commission Survey work during the 1996 calendar year and will report on this in 1997.

Cf with previous years?

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



North Sea



Bristol Channel



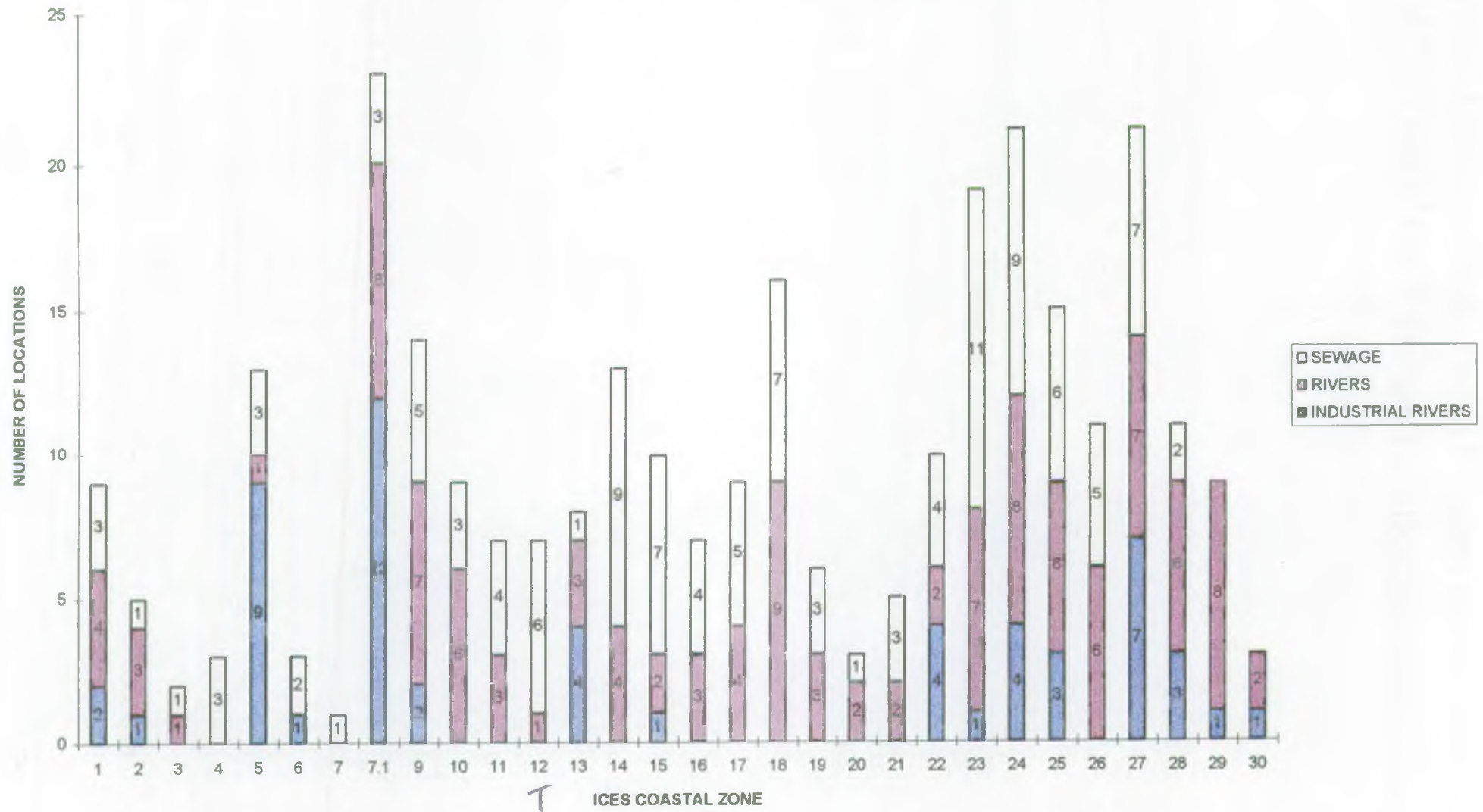
English Channel



Irish Sea

OSPARCOM 1995 SURVEY

NUMBER OF LOCATIONS WITHIN EACH ICES COASTAL ZONE BY INPUT TYPE.



PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	MERCURY KG/YR % ANN. LOAD	KG/YR LOAD	CADMIUM KG/YR % ANN. LOAD	KG/YR LOAD	COPPER KG/YR % ANN. LOAD	KG/YR LOAD	ZINC KG/YR % ANN. LOAD	KG/YR LOAD	LEAD KG/YR % ANN. LOAD	KG/YR LOAD	PCB_28 G/YR % ANN. LOAD	G/YR LOAD	PCB_52 G/YR % ANN. LOAD	G/YR LOAD	PCB_101 G/YR % ANN. LOAD	G/YR LOAD
HIGH	1 INDUSTRIAL RIVERS SEWAGE	2	10289	0.00	2.00	0.00	4.00	0.00	1051.00	0.00	1905.00	0.00	1353.00	0.00	0.00	0.00	0.00	0.00	0.00
		4	6587890	6.00	129.00	1.00	296.00	1.00	5606.00	1.00	31367.00	1.00	2480.00	3.00	5855.00	4.00	9309.00	1.00	2455.00
		3	28850	0.00	2.00	0.00	6.00	0.00	649.00	0.00	1273.00	0.00	104.00	0.00	87.00	0.00	120.00	0.00	37.00
		9	6626829	6.00	133.00	1.00	296.00	1.00	7306.00	1.00	34545.00	1.00	3937.00	3.00	5942.00	4.00	9429.00	1.00	2492.00
LOW	1 INDUSTRIAL RIVERS SEWAGE	2	10289	0.19	2.37	0.04	4.73	0.26	1050.46	0.09	1905.33	0.47	1352.51	0.00	0.00	0.00	0.00	0.00	0.00
		4	6587690	0.97	12.48	0.00	0.00	1.35	5555.30	0.03	462.61	0.30	842.33	0.00	0.00	0.00	0.00	0.00	0.00
		3	28850	0.03	0.37	0.05	5.10	0.16	648.64	0.06	1273.34	0.03	103.63	0.00	0.00	0.00	0.00	0.00	0.00
		9	6626829	1.19	15.22	0.09	9.82	1.77	7254.40	0.18	3641.28	0.80	2296.47	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	2 INDUSTRIAL RIVERS SEWAGE	1	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	46.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	3162184	3.00	84.00	1.00	191.00	0.00	2538.00	3.00	77713.00	5.00	14581.00	1.00	2496.00	2.00	3331.00	1.00	1125.00
		1	237784	1.00	26.00	0.00	59.00	10.00	42018.00	0.00	6404.00	1.00	2287.00	0.00	887.00	1.00	1218.00	0.00	390.00
		5	3400048	4.00	110.00	1.00	250.00	10.00	44556.00	3.00	84118.00	6.00	16914.00	1.00	3383.00	3.00	4548.00	1.00	1515.00
LOW	2 INDUSTRIAL RIVERS SEWAGE	1	100	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.46	0.02	45.87	0.00	0.00	0.00	0.00	0.00	0.00
		3	3162184	0.28	3.71	0.54	52.51	0.80	2453.65	3.56	77438.46	5.12	14578.39	0.00	0.00	0.00	0.00	0.00	0.00
		1	237784	0.00	0.00	0.80	58.47	10.22	42018.47	0.29	6404.42	0.80	2287.32	0.00	0.00	0.00	0.00	0.00	0.00
		5	3400047	0.28	3.71	1.14	110.98	10.82	44472.54	3.85	83843.34	5.94	16911.56	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	3 RIVERS SEWAGE	1	919111	1.00	23.00	0.00	52.00	0.00	1567.00	1.00	16005.00	2.00	7305.00	0.00	394.00	0.00	394.00	0.00	394.00
		1	51088	0.00	1.00	0.00	2.00	0.00	168.00	0.00	785.00	0.00	38.00	0.00	255.00	0.00	371.00	0.00	82.00
		2	970199	1.00	24.00	0.00	54.00	0.00	1735.00	1.00	16790.00	2.00	7343.00	0.00	649.00	0.00	765.00	0.00	476.00
		2	970199	1.00	24.00	0.00	54.00	0.00	1735.00	1.00	16790.00	2.00	7343.00	0.00	649.00	0.00	765.00	0.00	476.00
LOW	3 RIVERS SEWAGE	1	919111	0.24	3.11	0.36	34.89	0.38	1566.73	0.70	15179.99	2.57	7304.70	0.00	0.00	0.00	0.00	0.00	0.00
		1	51088	0.01	0.16	0.00	0.00	0.04	168.26	0.04	784.72	0.01	38.28	0.00	0.00	0.00	0.00	0.00	0.00
		2	970199	0.25	3.27	0.36	34.89	0.42	1734.98	0.74	15964.70	2.58	7342.98	0.00	0.00	0.00	0.00	0.00	0.00
		2	970199	0.25	3.27	0.36	34.89	0.42	1734.98	0.74	15964.70	2.58	7342.98	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	4 SEWAGE	3	119124	1.00	24.00	0.00	80.40	3.00	13007.00	1.00	26519.24	1.00	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.00	24.00	0.00	80.40	3.00	13007.00	1.00	26519.24	1.00	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
LOW	4 SEWAGE	3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
		3	119124	1.01	12.92	0.82	80.40	3.17	13006.36	1.22	26519.24	1.07	3056.07	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	5 INDUSTRIAL RIVERS SEWAGE	9	284095	1.00	45.00	0.00	71.00	2.00	8199.21	0.00	22415.00	1.00	4478.00	0.00	771.00	1.00	1157.00	0.00	194.00
		1	3834471	6.00	131.00	3.00	374.00	2.00	6808.40	1.00	31494.00	5.00	14271.00	1.00	1087.00	1.00	1575.00	0.00	356.00
		3	121457	0.00	15.00	0.00	44.00	0.00	2348.89	0.00	4606.00	0.00	609.00	0.00	73.00	0.00	73.00	0.00	73.00
		13	4240023	7.00	191.00	3.00	489.00	4.00	17356.50	1.00	58515.00	6.00	19356.00	1.00	1931.00	2.00	2805.00	0.00	623.00
LOW	5 INDUSTRIAL RIVERS SEWAGE	9	284096	2.65	34.09	0.72	70.35	2.00	8199.21	1.03	22414.48	1.57	4476.90	0.00	0.00	0.00	0.00	0.00	0.00
		1	3834471	0.06	0.83	0.07	6.99	1.66	6808.40	1.39	30165.62	5.01	14270.67	0.00	0.00	0.00	0.00	0.00	0.00
		3	121457	0.31	4.01	0.45	43.18	0.57	2348.89	0.21	4606.33	0.21	608.07	0.00	0.00	0.00	0.00	0.00	0.00
		13	4240023	3.02	38.93	1.24	120.52	4.23	17356.50	2.63	57166.43	6.79	19355.65	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	6 INDUSTRIAL SEWAGE	1	43259	3.00	65.00	0.00	41.95	2.00	9963.00	0.00	4545.00	1.00	1783.00	0.00	194.00	0.00	258.00	0.00	68.00
		2	48400	0.00	8.00	0.00	28.20	0.00	1290.00	0.00	2585.00	0.00	890.00	0.00	161.00	0.00	210.00	0.00	65.00
		3	91659	3.00	71.00	0.00	70.16	2.00	11253.00	0.00	7130.00	1.00	2673.29	0.00	355.00	0.00	468.00	0.00	133.00
		3	91659	3.00	71.00	0.00	70.16	2.00	11253.00	0.00	7130.00	1.00	2673.29	0.00	355.00	0.00	468.00	0.00	133.00
LOW	6 INDUSTRIAL SEWAGE	1	43259	5.04	64.67	0.43	41.95	2.42	9962.58	0.21	4545.02	0.63	1783.17	0.00	0.00	0.00	0.00	0.00	0.00
		2	48400	0.22	2.84	0.29	28.20	0.31	1289.61	0.12	2584.78	0.31	890.12	0.00	0.00	0.00	0.00	0.00	0.00
		3	91659	5.26	67.52	0.72	70.16	2.73	11262.20	0.33	7129.80	0.94	2673.29	0.00	0.00	0.00	0.00	0.00	0.00
		3	91659	5.26	67.52	0.72	70.16	2.73	11262.20	0.33	7129.80	0.94	2673.29	0.00	0.00	0.00	0.00	0.00	0.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU./DAY	MERCURY KG/YR % ANN. LOAD LOAD	CADMIUM KG/YR % ANN. LOAD LOAD	COPPER KG/YR % ANN. LOAD LOAD	ZINC KG/YR % ANN. LOAD LOAD	LEAD KG/YR % ANN. LOAD LOAD	PCB_28 G/YR % ANN. LOAD LOAD	PCB_52 G/YR % ANN. LOAD LOAD	PCB_101 G/YR % ANN. LOAD LOAD
LOW	7 SEWAGE	1	18750	0.00 2.00	0.00 8.37	0.00 762.00	0.00 1093.10	0.00 160.00	0.00 42.00	0.00 48.00	0.00 30.00
	TOTAL	1	18750	0.00 2.00	0.00 8.37	0.00 762.00	0.00 1093.10	0.00 160.00	0.00 42.00	0.00 48.00	0.00 30.00
	7 SEWAGE	1	18750	0.00 0.00	0.09 8.37	0.19 761.82	0.05 1093.10	0.06 159.80	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	1	18750	0.00 0.00	0.09 8.37	0.19 761.82	0.05 1093.10	0.06 159.80	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	7.1 INDUSTRIAL	12	93861	0.00 10.00	0.00 39.00	2.00 7641.00	17.00 401877.00	1.00 5596.00	0.00 393.00	0.00 403.00	0.00 380.00
	RIVERS	8	14585947	11.00 278.00	6.00 895.00	9.00 41189.00	8.00 200579.00	15.00 47630.00	8.00 15532.00	9.00 16858.00	7.00 13671.00
	SEWAGE	3	106469	0.00 12.00	0.00 38.00	0.00 3545.00	0.00 9818.00	1.00 2333.00	0.00 514.00	0.00 646.00	0.00 343.00
	TOTAL	23	14786277	11.00 290.00	6.00 1072.00	11.00 52375.00	25.00 612374.00	17.00 55559.00	8.00 16439.00	9.00 17907.00	7.00 14394.00
LOW	7.1 INDUSTRIAL	12	93863	0.75 9.90	0.28 27.87	1.77 7277.39	18.46 401978.37	1.51 4296.32	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	8	14585948	5.05 64.72	9.23 896.70	10.01 41168.04	8.41 182971.27	16.69 47489.83	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	3	106470	0.28 3.66	0.36 35.72	0.86 3544.11	0.45 9818.04	0.82 2334.26	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	23	14786279	6.08 78.27	9.87 960.28	12.64 51989.54	27.32 584787.68	19.02 54120.41	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	9 INDUSTRIAL	2	1108	0.00 0.00	0.00 20.00	0.00 15.00	0.00 6500.00	0.00 804.00	0.00 8.00	0.00 8.00	0.00 9.00
	RIVERS	7	4547047	3.00 82.00	0.00 271.00	3.00 10806.00	0.00 33588.00	0.00 3436.00	3.00 7724.00	4.00 8099.00	5.00 8002.00
	SEWAGE	5	96163	0.00 0.00	0.00 12.00	0.00 483.00	0.00 1999.00	0.00 144.00	0.00 135.00	0.00 135.00	0.00 135.00
	TOTAL	14	4644318	3.00 82.00	0.00 303.00	3.00 11304.00	0.00 42087.00	0.00 4384.00	3.00 7867.00	4.00 8242.00	5.00 8146.00
LOW	9 INDUSTRIAL	2	1108	0.03 0.37	0.21 20.07	0.00 15.13	0.30 6499.51	0.28 802.94	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	7	4547047	8.07 77.99	1.88 182.68	2.63 10805.41	1.55 33555.43	0.83 2653.86	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	5	96162	0.02 0.33	0.01 1.09	0.13 483.22	0.10 1999.21	0.05 130.87	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	14	4644317	8.12 78.69	2.10 203.82	2.78 11303.76	1.95 42053.16	1.26 3587.87	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	10 RIVERS	6	2187159	1.00 48.00	0.00 122.00	0.00 3045.00	0.00 7865.00	0.00 1508.00	1.00 3892.00	1.00 3892.00	1.00 3916.00
	SEWAGE	3	111042	0.00 1.00	0.00 22.00	0.00 2059.00	0.00 6759.00	0.00 1126.00	0.00 212.00	0.00 219.00	0.00 212.00
	TOTAL	9	2298201	1.00 49.00	0.00 144.00	0.00 5104.00	0.00 14624.00	0.00 2634.00	1.00 4104.00	1.00 4111.00	1.00 4128.00
	10 RIVERS	6	2187159	3.61 48.40	0.17 15.75	0.74 3040.15	0.36 7757.28	0.43 1227.00	0.00 0.00	0.00 0.00	0.00 0.00
LOW	SEWAGE	3	111041	0.11 1.45	0.10 9.11	0.50 2058.68	0.31 8757.96	0.39 1126.18	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	9	2298200	3.72 47.86	0.27 24.86	1.24 5098.82	0.67 14515.24	0.82 2353.18	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	11 RIVERS	3	458750	0.00 0.00	0.00 28.00	0.00 755.19	0.00 2575.00	0.00 984.00	0.00 977.00	0.00 997.00	0.00 977.00
	SEWAGE	4	66872	0.00 0.00	0.00 11.00	0.00 274.68	0.00 953.00	0.00 102.00	0.00 108.00	0.00 106.00	0.00 106.00
	TOTAL	7	525422	0.00 0.00	0.00 39.00	0.00 1029.87	0.00 3528.00	0.00 1086.00	0.00 1083.00	0.00 1103.00	0.00 1083.00
	11 RIVERS	3	458749	0.02 0.30	0.22 21.25	0.19 755.19	0.11 2574.92	0.32 919.90	0.00 0.00	0.00 0.00	0.00 0.00
LOW	SEWAGE	4	66872	0.04 0.51	0.02 1.98	0.07 274.68	0.04 952.39	0.04 101.01	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	7	525422	0.06 0.81	0.24 23.23	0.26 1029.87	0.15 3527.31	0.36 1020.91	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	12 RIVERS	10	8194821	2.00 48.00	2.00 325.00	5.00 20458.48	3.00 86145.53	5.00 17823.00	8.00 14452.00	7.00 14354.00	8.00 14354.00
	SEWAGE	6	2579775	0.00 19.00	3.00 412.00	2.00 8954.41	1.00 46679.69	1.00 5828.00	2.00 4693.00	2.00 4678.00	3.00 4689.00
	TOTAL	16	10774696	2.00 67.00	5.00 737.00	7.00 29412.89	4.00 132825.21	6.00 23651.00	10.00 19145.00	9.00 19032.00	11.00 19043.00
	12 RIVERS	10	8194921	3.48 44.63	2.90 283.71	4.98 20458.48	3.98 86145.53	6.27 17822.93	0.00 0.00	0.00 0.00	0.00 0.00
LOW	SEWAGE	6	2579774	1.28 18.71	0.35 34.27	2.18 8954.41	2.15 46679.69	2.05 5821.20	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	16	10774695	4.76 61.35	3.25 317.98	7.16 29412.89	6.11 132825.21	8.32 23644.13	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	13 INDUSTRIAL	4	55939	0.00 0.00	0.00 0.00	0.00 57.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	3	2287016	0.00 0.00	0.00 0.00	0.00 0.00	1.00 22925.03	0.00 474.43	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	10	165540	0.00 0.00	0.00 17.17	1.00 4108.00	0.00 9522.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	17	2508495	0.00 0.00	0.00 17.17	1.00 4163.00	1.00 32447.53	0.00 474.43	0.00 0.00	0.00 0.00	0.00 0.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	MERCURY % ANN. LOAD	KG/YR LOAD	CADMIUM % ANN. LOAD	KG/YR LOAD	COPPER % ANN. LOAD	KG/YR LOAD	ZINC % ANN. LOAD	KG/YR LOAD	LEAD % ANN. LOAD	KG/YR LOAD	PCB_28 % ANN. LOAD	G/YR LOAD	PCB_82 % ANN. LOAD	G/YR LOAD	PCB_101 % ANN. LOAD	G/YR LOAD
LOW	13 INDUSTRIAL RIVERS SEWAGE TOTAL	4	55939	0.00	0.00	0.00	0.00	0.01	54.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	2287015	0.00	0.00	0.00	0.00	0.00	0.00	1.06	22925.03	0.17	474.43	0.00	0.00	0.00	0.00	0.00	0.00
		10	165541	0.00	0.00	0.17	17.17	1.00	4105.82	0.44	9522.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		17	2508495	0.00	0.00	0.17	17.17	1.01	4160.47	1.50	32447.53	0.17	474.43	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	14 RIVERS SEWAGE TOTAL	4	1751048	0.00	0.00	1.00	90.00	0.00	905.00	0.00	2911.00	0.00	1482.00	0.00	0.00	0.00	0.00	0.00	0.00
		9	226794	0.00	0.00	0.00	23.00	1.00	8487.00	0.00	7254.00	1.00	3562.00	0.00	0.00	0.00	0.00	0.00	0.00
		13	1977840	0.00	0.00	1.00	113.00	1.00	9392.00	0.00	10165.00	1.00	5044.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	14 RIVERS SEWAGE TOTAL	4	1751047	0.00	0.00	0.12	11.39	0.22	905.44	0.13	2910.65	0.47	1324.38	0.00	0.00	0.00	0.00	0.00	0.00
		9	226796	0.00	0.00	0.20	19.20	2.06	8485.80	0.34	7253.61	1.25	3549.87	0.00	0.00	0.00	0.00	0.00	0.00
		13	1977842	0.00	0.00	0.32	30.59	2.28	9391.24	0.47	10164.25	1.72	4874.25	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	16 INDUSTRIAL RIVERS SEWAGE TOTAL	1	528	0.00	0.00	0.00	1.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2	1281998	0.00	0.00	0.00	0.00	0.00	915.00	0.00	2895.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		7	299337	0.00	0.00	0.00	8.00	0.00	2688.00	0.00	2880.15	0.00	1379.34	0.00	0.00	0.00	0.00	0.00	0.00
		10	1581863	0.00	0.00	0.00	9.00	0.00	3606.00	0.00	5775.39	0.00	1379.34	0.00	0.00	0.00	0.00	0.00	0.00
LOW	18 INDUSTRIAL RIVERS SEWAGE TOTAL	1	528	0.00	0.00	0.00	0.22	0.00	3.92	0.13	2895.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2	1281998	0.00	0.00	0.00	0.00	0.22	915.04	0.13	2895.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		7	299336	0.00	0.00	0.08	7.87	0.65	2687.29	0.13	2880.15	0.48	1379.34	0.00	0.00	0.00	0.00	0.00	0.00
		10	1581863	0.00	0.00	0.08	7.89	0.67	3606.24	0.26	5775.39	0.48	1379.34	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	16 RIVERS SEWAGE TOTAL	3	3865843	2.00	30.00	0.00	116.00	1.00	3728.06	0.00	17451.00	0.00	2178.00	0.00	0.00	0.00	0.00	0.00	0.00
		4	113895	0.00	0.00	0.00	10.00	5.00	23231.72	0.00	6001.00	0.00	925.00	0.00	44.00	0.00	93.00	0.00	48.00
		7	3979738	2.00	30.00	0.00	126.00	6.00	26957.77	0.00	23452.00	0.00	3101.00	0.00	44.00	0.00	93.00	0.00	48.00
LOW	16 RIVERS SEWAGE TOTAL	3	3865844	0.33	4.21	1.18	114.65	0.81	3728.05	0.81	17450.33	0.77	2175.24	0.00	0.00	0.00	0.00	0.00	0.00
		4	113895	0.00	0.00	0.10	9.95	5.65	23231.72	0.26	5999.89	0.33	924.69	0.00	0.00	0.00	0.00	0.00	0.00
		7	3979738	0.33	4.21	1.28	124.80	6.58	26957.77	1.09	23450.23	1.10	3099.93	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	17 RIVERS SEWAGE TOTAL	4	4066225	1.00	17.00	1.00	197.11	1.00	5686.95	2.00	37386.23	2.00	6278.00	0.00	0.00	0.00	0.00	0.00	0.00
		5	98882	0.00	0.00	0.00	3.09	0.00	949.17	0.00	1219.27	0.00	416.00	0.00	8.00	0.00	20.00	0.00	8.00
		9	4185107	1.00	17.00	1.00	200.20	1.00	6636.12	2.00	38605.50	2.00	6694.00	0.00	8.00	0.00	20.00	0.00	8.00
LOW	17 RIVERS SEWAGE TOTAL	4	4066224	0.00	0.00	2.03	197.11	1.38	5686.95	1.72	37386.23	2.05	5839.25	0.00	0.00	0.00	0.00	0.00	0.00
		5	98882	0.00	0.00	0.03	3.09	0.23	949.17	0.05	1219.27	0.15	415.80	0.00	0.00	0.00	0.00	0.00	0.00
		9	4185106	0.00	0.00	2.08	200.20	1.61	6636.12	1.77	38605.50	2.20	6255.05	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	18 RIVERS SEWAGE TOTAL	9	3519682	1.00	22.00	3.00	435.82	7.00	34967.83	13.00	295608.00	0.00	2756.00	0.00	0.00	0.00	0.00	0.00	0.00
		7	100187	0.00	0.00	0.00	0.61	0.00	504.57	0.00	722.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00
		16	3619849	1.00	22.00	3.00	436.43	7.00	35472.40	13.00	296326.00	0.00	2806.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	18 RIVERS SEWAGE TOTAL	9	3519682	0.20	2.66	4.48	435.82	8.51	34967.83	13.58	295604.04	0.87	2461.43	0.00	0.00	0.00	0.00	0.00	0.00
		7	100186	0.00	0.00	0.01	0.61	0.12	504.57	0.03	721.75	0.02	49.61	0.00	0.00	0.00	0.00	0.00	0.00
		16	3619848	0.20	2.66	4.48	436.43	8.63	35472.40	13.61	296325.79	0.89	2511.23	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	19 RIVERS SEWAGE TOTAL	3	581976	0.00	1.00	0.00	63.00	1.00	7228.00	1.00	28930.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	25955	0.00	0.00	0.00	5.00	0.00	504.00	0.00	3817.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00
		6	607931	0.00	1.00	0.00	68.00	1.00	7732.00	1.00	32747.00	0.00	435.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	19 RIVERS SEWAGE	3	581976	0.00	0.03	0.64	62.70	1.78	7228.19	1.33	28930.06	0.11	300.13	0.00	0.00	0.00	0.00	0.00	0.00
		3	25955	0.00	0.00	0.06	5.19	0.12	503.65	0.18	3816.21	0.05	131.25	0.00	0.00	0.00	0.00	0.00	0.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	MERCURY KG/YR % ANN. LOAD	CADMIUM KG/YR % ANN. LOAD	COPPER KG/YR % ANN. LOAD	ZINC KG/YR % ANN. LOAD	LEAD KG/YR % ANN. LOAD	PCB_28 G/YR % ANN. LOAD	PCB_52 G/YR % ANN. LOAD	PCB_101 G/YR % ANN. LOAD
	TOTAL	6	607931	0.00 0.03	0.70 87.89	1.88 7731.85	1.51 32748.27	0.16 431.38	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	20 RIVERS SEWAGE	2	3160823	1.00 22.00	1.00 170.00	1.00 5329.00	1.00 24607.00	1.00 4855.26	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	3	3164943	1.00 22.00	1.00 170.00	1.00 5329.00	1.00 24607.00	1.00 4855.26	0.00 0.00	0.00 0.00	0.00 0.00
LOW	20 RIVERS SEWAGE	2	3160624	0.78 10.06	1.72 167.80	1.30 5328.86	1.12 24448.28	1.71 4855.26	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	3	3164944	0.78 10.06	1.72 167.80	1.30 5328.86	1.12 24448.28	1.71 4855.26	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	21 RIVERS SEWAGE	2	1182289	0.00 9.00	0.00 38.00	0.00 1817.00	0.00 5970.00	1.00 1907.00	1.00 1436.00	1.00 2316.00	1.00 1913.00
	TOTAL	3	76281	0.00 4.00	1.00 248.00	0.00 3801.00	0.00 5417.00	1.00 3813.00	0.00 48.00	0.00 77.00	0.00 49.00
LOW	21 RIVERS SEWAGE	2	1182289	0.10 1.31	0.39 37.98	0.44 1817.08	0.27 5970.65	0.87 1907.49	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	3	76281	0.33 4.28	0.18 18.31	0.55 2250.96	0.23 4939.18	0.14 396.56	0.59 8.52	10.99 8.52	1.02 8.52
	TOTAL	5	1258570	0.43 5.59	0.57 66.29	0.99 4068.04	0.50 10909.82	0.81 2304.06	0.59 8.52	10.99 8.52	1.02 8.52
HIGH	22 INDUSTRIAL RIVERS SEWAGE	4	40853	0.00 9.00	9.00 1338.00	0.00 1216.00	2.00 36885.00	2.00 7154.00	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	2	12848013	10.00 210.00	8.00 1099.00	8.00 25551.00	5.00 109712.00	9.00 28388.00	13.00 22674.00	15.00 28334.00	14.00 25000.00
LOW	22 INDUSTRIAL RIVERS SEWAGE	4	40854	0.81 7.75	12.76 1241.09	0.10 407.75	1.69 36677.71	1.94 5543.80	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	2	12848013	12.00 154.19	11.21 1089.80	8.21 25551.15	5.04 109712.81	9.97 28387.55	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	4	314728	0.21 2.82	0.95 92.29	1.12 4619.29	0.89 19391.15	1.90 5388.60	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	10	13203594	12.82 184.78	24.92 2423.17	7.43 30578.19	7.82 165781.67	13.61 39319.95	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	23 INDUSTRIAL RIVERS SEWAGE	1	20132	0.00 0.00	0.00 7.00	0.00 524.00	0.00 3182.17	0.00 481.00	0.00 97.00	0.00 97.00	0.00 97.00
	TOTAL	7	10759867	1.00 33.00	6.00 1050.00	2.00 13018.00	1.00 48136.58	3.00 10130.00	18.00 30348.00	16.00 30348.00	18.00 30348.00
LOW	23 INDUSTRIAL RIVERS SEWAGE	1	20132	0.01 0.14	0.07 8.99	0.13 523.55	0.15 3182.17	0.17 480.99	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	7	10759866	0.19 2.19	0.17 18.87	2.29 9429.92	2.12 46136.58	2.03 5781.24	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	11	359892	0.85 8.36	3.98 385.92	1.27 5235.22	0.93 20297.84	1.32 3788.28	99.41 1434.87	89.01 69.08	91.63 765.23
	TOTAL	19	11139890	0.85 10.69	4.22 409.77	3.69 15188.69	3.20 89616.59	3.52 10060.51	99.41 1434.87	89.01 69.08	91.63 765.23
HIGH	24 INDUSTRIAL RIVERS SEWAGE	4	66113	0.00 5.00	0.00 43.00	0.00 2411.00	3.00 68190.00	1.00 3006.00	0.00 630.00	0.00 630.00	0.00 630.00
	TOTAL	8	1859312	0.00 8.00	2.00 301.00	0.00 5219.00	2.00 53821.00	1.00 5041.00	1.00 3342.00	0.00 3342.00	1.00 3342.00
LOW	24 INDUSTRIAL RIVERS SEWAGE	4	66114	0.40 5.14	0.43 41.86	0.59 2411.14	3.14 68189.74	1.05 2994.45	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	8	1859313	0.38 4.94	1.80 175.53	1.19 4893.73	2.47 53821.05	1.42 4031.82	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	9	197887	0.33 4.41	0.14 13.94	0.41 1607.65	0.39 8608.01	0.27 774.17	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	21	2123313	1.11 14.49	2.37 231.33	2.19 8912.72	6.00 130816.80	2.74 7800.45	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	25 INDUSTRIAL RIVERS SEWAGE	3	41713	0.00 1.00	0.00 9.00	0.00 169.00	0.00 3975.00	0.00 181.00	0.00 313.00	0.00 313.00	0.00 313.00
	TOTAL	6	3172697	0.00 8.00	1.00 338.00	0.00 3282.00	0.00 23278.00	0.00 1238.00	1.00 2717.00	0.00 2717.00	1.00 2717.00
LOW	25 INDUSTRIAL RIVERS SEWAGE	3	41712	0.00 0.00	0.00 18.00	0.00 1281.00	0.00 6583.00	0.00 595.00	0.00 1525.00	0.00 1525.00	0.00 1525.00
	TOTAL	15	3420092	0.00 9.00	1.00 365.00	0.00 4732.00	0.00 33846.00	0.00 2014.00	1.00 4555.00	0.00 4555.00	1.00 4555.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU./M/DAY	MERCURY KG/YR % ANN. LOAD	CADMIUM KG/YR % ANN. LOAD	COPPER KG/YR % ANN. LOAD	ZINC KG/YR % ANN. LOAD	LEAD KG/YR % ANN. LOAD	PCB_28 G/YR % ANN. LOAD	PCB_52 G/YR % ANN. LOAD	PCB_101 G/YR % ANN. LOAD
	RIVERS	6	3172697	0.01 0.19	0.35 34.20	0.57 2325.27	1.07 23264.49	0.06 170.98	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	8	205682	0.03 0.55	0.07 6.83	0.31 1258.50	0.30 6591.96	0.19 548.39	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	15	3420091	0.11 1.65	0.50 49.20	0.92 3750.76	1.55 33831.74	0.31 699.89	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	26 RIVERS	6	4320708	0.00 14.00	2.00 518.00	0.00 2205.00	3.00 75803.54	0.00 1150.00	1.00 2877.00	1.00 2877.00	1.00 2877.00
	SEWAGE	5	108663	0.00 0.00	0.00 0.00	0.00 0.00	0.00 635.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	11	4429371	0.00 14.00	2.00 518.00	0.00 2205.00	3.00 76439.48	0.00 1150.00	1.00 2877.00	1.00 2877.00	1.00 2877.00
LOW	26 RIVERS	6	4320709	0.12 1.48	1.38 133.76	0.36 1464.37	3.48 75803.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	5	108663	0.00 0.00	0.00 0.22	0.00 0.00	0.03 635.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	11	4429372	0.12 1.48	1.38 133.99	0.36 1464.37	3.51 76439.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	27 INDUSTRIAL	7	35251	0.00 0.00	0.00 6.00	0.00 137.00	0.00 1338.40	0.00 57.00	0.00 454.00	0.00 454.00	0.00 454.00
	RIVERS	7	3785216	0.00 15.00	2.00 433.00	2.00 12601.00	2.00 52627.80	4.00 15275.00	5.00 8063.00	4.00 8063.00	5.00 8063.00
	SEWAGE	7	62581	0.00 0.00	0.00 7.00	0.00 806.00	0.00 2673.92	0.00 399.00	0.00 445.00	0.00 445.00	0.00 454.00
	TOTAL	21	3883048	0.00 15.00	2.00 446.00	2.00 13544.00	2.00 56840.12	4.00 15731.00	5.00 8962.00	4.00 8962.00	5.00 8971.00
LOW	27 INDUSTRIAL	7	35251	0.01 0.18	0.04 3.65	0.03 136.92	0.05 1338.40	0.01 50.48	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	7	3785216	0.35 4.55	1.14 110.85	2.74 11251.43	2.42 52627.80	4.61 13152.18	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	7	62581	0.00 0.13	0.03 3.38	0.20 805.95	0.13 2673.92	0.14 397.58	0.00 0.00	0.00 0.00	4.52 37.72
	TOTAL	21	3883047	0.36 4.85	1.21 117.88	2.97 12184.29	2.60 56840.12	4.76 13600.22	0.00 0.00	0.00 0.00	4.52 37.72
HIGH	28 INDUSTRIAL	3	28118	16.00 337.00	0.00 0.00	0.00 511.00	0.00 1132.00	7.00 23188.00	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	6	3910191	11.00 275.00	2.00 301.00	4.00 17000.00	1.00 55930.00	4.00 13335.00	3.00 5493.00	3.00 5493.00	3.00 5493.00
	SEWAGE	2	68458	0.00 1.00	0.00 22.00	0.00 1412.00	0.00 5745.00	0.00 398.00	0.00 228.00	0.00 228.00	0.00 228.00
	TOTAL	11	4006767	27.00 613.00	2.00 323.00	4.00 18923.00	1.00 62807.00	11.00 36921.00	3.00 5721.00	3.00 5721.00	3.00 5721.00
LOW	28 INDUSTRIAL	3	28118	26.18 338.28	0.00 0.00	0.13 510.67	0.05 1131.99	8.14 23187.99	0.00 0.00	0.00 0.00	0.00 0.00
	RIVERS	6	3910190	20.79 266.92	1.01 98.34	4.13 16991.29	2.56 55836.70	4.53 12855.75	0.00 0.00	0.00 0.00	0.00 0.00
	SEWAGE	2	68458	0.12 1.52	0.22 21.60	0.34 1412.13	0.26 5744.69	0.14 398.86	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	11	4006767	47.09 604.71	1.23 119.94	4.60 18914.09	2.87 62713.39	12.81 36442.59	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	29 INDUSTRIAL	1	5910			0.00 63.00	0.00 8.00	0.00 7.00			
	RIVERS	8	6138718	2.00 49.00	2.00 255.00	1.00 10046.00	0.00 32427.00	1.00 6121.00	6.00 11331.00	5.00 11331.00	6.00 11340.00
	TOTAL	9	6144628	2.00 49.00	2.00 255.00	1.00 10109.00	0.00 32435.00	1.00 6128.00	6.00 11331.00	5.00 11331.00	6.00 11340.00
LOW	29 INDUSTRIAL	1	5910			0.02 62.62	0.00 7.69	0.00 6.97			
	RIVERS	8	6138719	1.14 14.71	2.22 216.17	2.44 10033.41	1.26 27361.01	2.03 5793.21	0.00 0.00	0.00 0.00	2.84 23.70
	TOTAL	9	6144629	1.14 14.71	2.22 216.17	2.46 10096.03	1.26 27368.70	2.03 5800.16	0.00 0.00	0.00 0.00	2.84 23.70
HIGH	30 INDUSTRIAL	1	14701	0.00 7.00	20.00 2845.00	1.00 3628.00	2.00 44265.00	0.00 50.00			
	RIVERS	2	5309529	2.00 46.00	1.00 128.00	1.00 3043.00	0.00 18878.00	1.00 4515.00	6.00 9786.00	5.00 9786.00	6.00 9786.00
	TOTAL	3	5324230	2.00 53.00	21.00 2973.00	2.00 6671.00	2.00 83143.00	1.00 4565.00	6.00 9786.00	5.00 9786.00	6.00 9786.00
LOW	30 INDUSTRIAL	1	14701	0.55 7.00	29.26 2844.99	0.88 3627.50	2.03 44265.00	0.02 50.00			
	RIVERS	2	5309529	1.12 14.41	0.46 44.94	0.74 3042.98	0.84 18172.61	1.58 4495.90	0.00 0.00	0.00 0.00	0.00 0.00
	TOTAL	3	5324230	1.67 21.41	29.72 2889.93	1.62 6670.48	2.87 62437.61	1.60 4545.90	0.00 0.00	0.00 0.00	0.00 0.00
HIGH	INDUSTRIAL	56	741970	20.00 481.00	29.00 4424.95	7.00 35581.21	24.00 596318.57	13.00 48182.00	0.00 2880.00	1.00 3320.00	0.00 2145.00
	RIVERS	127	118276229	84.00 1580.00	45.00 8176.93	47.00 245312.90	50.00 1394826.95	60.00 215439.89	80.00 150476.00	78.00 163416.00	79.00 148129.00
	SEWAGE	128	8014813	2.00 128.00	8.00 1600.84	23.00 134583.45	3.00 210251.85	7.00 38329.41	4.00 18117.00	6.00 16751.00	5.00 17009.00
	TOTAL	311	125034812	86 2189	80 14202.7	77 415497.6	77 2201197.2	80 301851.1	84 171453	85 185487	84 165283

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE 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	
				% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD	% ANN. LOAD	LOAD
LOW	INDUSTRIAL	56	741872	36.49	488.78	44.32	4311.93	8.38	34412.88	27.38	598111.17	15.87	45252.92	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	127	118278230	57.29	738.00	45.87	4442.38	57.95	238170.33	81.48	1337508.20	70.89	201115.81	0.00	0.00	0.00	0.00	2.84	23.70
	SEWAGE	128	6014814	4.88	65.05	9.38	911.27	32.43	133213.09	9.85	209768.28	12.22	34800.01	100.00	1443.39	100.00	77.58	97.17	811.47
	TOTAL	311	125034818	98.76	1269.83	99.35	9865.58	98.76	405798.30	98.51	2143387.66	98.78	281168.74	100.00	1443.39	100.00	77.58	100.01	835.17

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU./DAY	PCB_118 % ANN. LOAD	G/YR LOAD	PCB_118 % ANN. LOAD	G/YR LOAD	PCB_163 % ANN. LOAD	G/YR LOAD	PCB_180 % ANN. LOAD	G/YR LOAD	PCB_180 % ANN. LOAD	G/YR LOAD	PCB_TOTAL % ANN. LOAD	G/YR LOAD	GAMMA_HCH % ANN. LOAD	G/YR LOAD	NH3 % ANN. LOAD	KG/YR LOAD	NO3 % ANN. LOAD
HIGH	1 INDUSTRIAL RIVERS SEWAGE TOTAL	2	10289	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54185.00	0.00
		4	6587690	3.00	5752.00	2.00	3588.00	2.00	4722.00	2.00	3459.00	0.00	579.00	0.00	579.00	1.00	3258.00	0.00	189731.00	2.00
		3	28850	0.00	98.00	0.00	53.00	0.00	70.00	0.00	53.00	0.00	0.00	0.00	0.00	0.00	268.00	0.00	352891.00	0.00
		9	6626829	3.00	5848.00	2.00	3641.00	2.00	4782.00	2.00	3512.00	0.00	579.00	0.00	579.00	1.00	3527.00	0.00	586807.00	2.00
LOW	1 INDUSTRIAL RIVERS SEWAGE TOTAL	2	10289	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	54054.02	0.00
		4	6587690	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1747.94	0.31	167287.13	2.28
		3	28850	0.00	0.00	0.00	0.00	0.00	0.00	1.12	8.95	0.00	0.00	0.00	0.00	0.11	260.65	0.65	352885.99	0.00
		9	6626829	0.00	0.00	0.00	0.00	0.00	0.00	1.12	8.95	0.00	0.00	0.00	0.00	0.81	2008.59	1.05	574227.14	2.28
HIGH	2 INDUSTRIAL RIVERS SEWAGE TOTAL	1	100															0.00	108.00	
		3	3162184	1.00	2481.00	1.00	1595.00	1.00	2048.00	1.00	1805.00	0.00	0.00	0.00	0.00	0.00	1482.00	0.00	166966.00	0.00
		1	237784	1.00	975.00	0.00	558.00	0.00	721.00	0.00	568.00	0.00	0.00	0.00	0.00	2.00	7437.00	4.00	2395663.00	0.00
		5	3400048	2.00	3436.00	1.00	2151.00	1.00	2767.00	1.00	2371.00	0.00	0.00	0.00	0.00	2.00	8919.00	4.00	2562737.00	0.00
LOW	2 INDUSTRIAL RIVERS SEWAGE TOTAL	1	100															0.00	107.67	
		3	3162184	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	502.38	0.30	166581.17	0.62
		1	237784	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01	7437.09	4.34	2395662.98	0.02
		5	3400047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.22	7839.47	4.64	2562451.82	0.64
HIGH	3 RIVERS SEWAGE TOTAL	1	919111	0.00	394.00	0.00	123.00	0.00	123.00	0.00	516.00	0.00	0.00	0.00	0.00	0.00	1801.00	0.00	123032.00	0.00
		1	51088	0.00	278.00	0.00	139.00	0.00	197.00	0.00	161.00	0.00	0.00	0.00	0.00	0.00	442.00	1.00	412718.00	0.00
		2	970199	0.00	670.00	0.00	262.00	0.00	320.00	0.00	677.00	0.00	0.00	0.00	0.00	0.00	2243.00	1.00	635760.00	0.00
		2	970199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	3 RIVERS SEWAGE TOTAL	1	919111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1609.98	0.22	122310.19	0.49
		1	51088	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	437.72	0.75	412717.94	0.01
		2	970199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	2047.70	0.97	535028.12	0.50
		2	970199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HIGH	4 SEWAGE TOTAL	3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5471.00	2.00	1174401.28	0.00
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5471.00	2.00	1174401.28	0.00
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
LOW	4 SEWAGE TOTAL	3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
		3	119124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5443.20	2.13	1174401.28	0.02
HIGH	5 INDUSTRIAL RIVERS SEWAGE TOTAL	9	284095	0.00	771.00	0.00	386.00	0.00	578.00	0.00	386.00	0.00	0.00	0.00	0.00	0.00	482.00	13.00	7918581.00	1.00
		1	3834471	1.00	1067.00	0.00	600.00	0.00	843.00	0.00	600.00	0.00	0.00	0.00	0.00	1.00	2984.00	0.00	172492.00	4.00
		3	121457	0.00	0.00	0.00	73.00	0.00	73.00	0.00	73.00	0.00	0.00	0.00	0.00	0.00	2535.00	2.00	1061817.00	0.00
		13	4240023	1.00	1858.00	0.00	1059.00	0.00	1495.00	0.00	1059.00	0.00	0.00	0.00	0.00	1.00	6007.00	15.00	9152990.00	5.00
LOW	5 INDUSTRIAL RIVERS SEWAGE TOTAL	9	284095	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	60.50	14.36	7918174.95	1.05
		1	3834471	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	2909.22	0.31	169185.51	4.10
		3	121457	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2489.11	1.82	1061816.94	0.04
		13	4240023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	5458.83	18.59	9149177.41	5.19
HIGH	6 INDUSTRIAL SEWAGE TOTAL	1	43259	0.00	184.00	0.00	106.00	0.00	151.00	0.00	111.00	0.00	0.00	0.00	0.00	0.00	142.00	0.00	134357.16	0.00
		2	48400	0.00	181.00	0.00	97.00	0.00	129.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	1822.00	1.00	538856.13	0.00
		3	91659	0.00	345.00	0.00	205.00	0.00	280.00	0.00	211.00	0.00	0.00	0.00	0.00	0.00	1964.00	1.00	673213.26	0.00
		3	91659	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	6 INDUSTRIAL SEWAGE TOTAL	1	43259	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	134357.16	0.01
		2	48400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	1792.97	0.98	538856.13	0.00
		3	91659	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	1792.97	1.22	673213.26	0.01
		3	91659	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HIGH																				

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	PCB_118 G/YR % ANN. LOAD LOAD	PCB_138 G/YR % ANN. LOAD LOAD	PCB_153 G/YR % ANN. LOAD LOAD	PCB_180 G/YR % ANN. LOAD LOAD	PCB_TOTAL G/YR % ANN. LOAD LOAD	GAMMA_HCH G/YR % ANN. LOAD LOAD	NH3 KG/YR % ANN. LOAD LOAD	NO3 % ANN. LOAD
LOW	7 SEWAGE	1	18750	0.00 42.00	0.00 34.00	0.00 38.00	0.00 34.00		0.00 470.00	0.00 214624.00	0.00
	TOTAL	1	18750	0.00 42.00	0.00 34.00	0.00 38.00	0.00 34.00		0.00 470.00	0.00 214624.00	0.00
	7 SEWAGE	1	18750	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		0.19 462.52	0.39 214623.80	0.00
	TOTAL	1	18750	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		0.19 462.52	0.39 214623.80	0.00
HIGH	7.1 INDUSTRIAL	12	83861	0.00 399.00	0.00 384.00	0.00 388.00	0.00 385.00		0.11 431.78	503128.50	0.02
	RIVERS	8	14585947	8.00 15504.00	7.00 14194.00	8.00 14838.00	8.00 13447.00	10.00 77581.00	22.00 92112.00	5.00 2612675.00	24.00
	SEWAGE	3	108469	0.00 535.00	0.00 399.00	0.00 463.00	0.00 409.00	0.00 0.00	0.63 2543.00	2.00 1085077.00	0.00
	TOTAL	23	14786277	8.00 16438.00	7.00 14977.00	8.00 15687.00	8.00 14241.00	10.00 77581.00	22.74 95088.78	7.00 4200680.50	24.02
LOW	7.1 INDUSTRIAL	12	83863	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 2.42	0.82 503124.52	0.02
	RIVERS	8	14585948	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	8.25 402.87	34.24 84744.96	4.73 2609826.17	24.12
	SEWAGE	3	108470	0.00 0.00	0.00 0.00	0.83 9.59	0.00 0.00	0.00 0.00	0.98 2356.67	1.96 1085076.78	0.01
	TOTAL	23	14786279	0.00 0.00	0.00 0.00	0.83 9.59	0.00 0.00	8.25 402.87	35.20 87104.05	7.81 4198027.47	24.15
HIGH	9 INDUSTRIAL	2	1108	0.00 9.00	0.00 9.00	0.00 9.00	0.00 9.00	0.00 0.00	0.00 20.00	0.00 0.00	0.00
	RIVERS	7	4547047	4.00 7995.00	5.00 8378.00	5.00 8002.00	5.00 8002.00	0.00 0.00	3.00 14592.00	0.00 0.00	0.00
	SEWAGE	5	96183	0.00 140.00	0.00 137.00	0.00 135.00	0.00 135.00	0.00 0.00	0.00 1280.00	0.00 0.00	0.00
	TOTAL	14	4644318	4.00 8144.00	5.00 8524.00	5.00 8146.00	5.00 8146.00	0.00 0.00	3.00 15892.00	0.00 0.00	0.00
LOW	9 INDUSTRIAL	2	1108	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 12.39	0.00 0.00	0.00
	RIVERS	7	4547047	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	3.48 8547.75	0.00 0.00	0.00
	SEWAGE	5	96182	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.46 1147.57	0.00 0.00	0.00
	TOTAL	14	4644317	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	3.92 8707.71	0.00 0.00	0.00
HIGH	10 RIVERS	6	2187159	2.00 4257.00	1.00 3945.00	1.00 3892.00	1.00 3834.00	0.00 0.00	0.00 3998.00	0.00 0.00	0.00
	SEWAGE	3	111042	0.00 231.00	0.00 219.00	0.00 212.00	0.00 212.00	0.00 0.00	0.00 346.00	0.00 0.00	0.00
	TOTAL	9	2298201	2.00 4488.00	1.00 4164.00	1.00 4104.00	1.00 4046.00	0.00 0.00	0.00 4342.00	0.00 0.00	0.00
	10 RIVERS	6	2187159	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.16 394.91	0.00 0.00	0.00
LOW	SEWAGE	3	111041	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.08 191.82	0.00 0.00	0.00
	TOTAL	9	2298200	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.24 586.53	0.00 0.00	0.00
HIGH	11 RIVERS	3	458750	0.00 1333.00	0.00 977.00	0.00 977.00	0.00 977.00	0.00 0.00	0.00 1384.00	0.00 0.00	0.00
	SEWAGE	4	66672	0.00 132.00	0.00 115.00	0.00 106.00	0.00 121.00	0.00 0.00	0.00 425.00	0.00 0.00	0.00
	TOTAL	7	525422	0.00 1465.00	0.00 1092.00	0.00 1083.00	0.00 1098.00	0.00 0.00	0.00 1809.00	0.00 0.00	0.00
	11 RIVERS	3	458749	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.28 873.66	0.00 0.00	0.00
LOW	SEWAGE	4	66672	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.15 378.07	0.00 0.00	0.00
	TOTAL	7	525422	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.43 1051.73	0.00 0.00	0.00
HIGH	12 RIVERS	10	8194821	8.00 15114.00	8.00 14396.00	8.00 14354.00	9.00 17789.00	12.00 107058.00	5.00 21319.00	2.00 1373510.00	10.00
	SEWAGE	6	2579775	2.00 4727.00	2.00 4689.00	3.00 6453.00	2.00 4689.00	4.00 33132.00	8.00 31699.00	9.00 4846165.00	4.00
	TOTAL	16	10774896	10.00 19841.00	10.00 19085.00	11.00 20807.00	11.00 22478.00	16.00 140191.00	13.00 53018.00	11.00 8218875.00	14.00
	12 RIVERS	10	8194821	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	5.75 14180.85	2.49 1371225.81	11.65
LOW	SEWAGE	6	2579774	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	12.80 31594.26	8.54 4709236.33	4.49
	TOTAL	16	10774895	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	18.55 45875.11	11.03 6080462.15	16.14
HIGH	13 INDUSTRIAL	4	55939	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 62023.00	0.00
	RIVERS	3	2287016	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	1.00 4202.00	0.00 111018.00	3.00
	SEWAGE	10	165540	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 2169.00	1.00 1522377.00	0.00
	TOTAL	17	2508495	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	1.00 6371.00	1.00 1685418.00	3.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU./DAY	PCB_118 G/YR % ANN. LOAD LOAD	PCB_138 G/YR % ANN. LOAD LOAD	PCB_153 G/YR % ANN. LOAD LOAD	PCB_180 G/YR % ANN. LOAD LOAD	PCB_TOTAL G/YR % ANN. LOAD LOAD	GAMMA_HCH G/YR % ANN. LOAD LOAD	NH3 KG/YR % ANN. LOAD LOAD	NO3 % ANN. LOAD
LOW	13 INDUSTRIAL	4	55939	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	3	2287015	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1983.89
	SEWAGE	10	185541	0.00	0.00	0.00	0.00	0.00	0.00	0.97	2136.27
	TOTAL	17	2508495	0.00	0.00	0.00	0.00	0.00	0.00	1.67	4120.16
HIGH	14 RIVERS	4	1751046	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30833.00
	SEWAGE	9	226794	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3163.00
	TOTAL	13	1977840	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3163.00
LOW	14 RIVERS	4	1751047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30142.37
	SEWAGE	9	226796	0.00	0.00	0.00	0.00	0.00	0.00	1.28	3161.03
	TOTAL	13	1977842	0.00	0.00	0.00	0.00	0.00	0.00	1.28	3161.03
HIGH	15 INDUSTRIAL	1	528	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	2	1281998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	7	299337	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2269661.64
	TOTAL	10	1581863	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2269661.64
LOW	15 INDUSTRIAL	1	528	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	2	1281998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	7	299336	0.00	0.00	0.00	0.00	0.00	0.00	1.28	3196.71
	TOTAL	10	1581863	0.00	0.00	0.00	0.00	0.00	0.00	1.28	3196.71
HIGH	16 RIVERS	3	3865843	0.00	0.00	0.00	0.00	0.00	0.00	2.00	8039.00
	SEWAGE	4	113895	0.00	45.00	0.00	51.00	0.00	0.00	0.00	2292.00
	TOTAL	7	3979738	0.00	45.00	0.00	51.00	0.00	0.00	2.00	10331.00
	LOW	7	3979738	0.00	45.00	0.00	51.00	0.00	0.00	2.00	10331.00
LOW	16 RIVERS	3	3865844	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2575.36
	SEWAGE	4	113895	0.00	0.00	0.00	0.00	0.00	0.00	0.93	2284.54
	TOTAL	7	3979738	0.00	0.00	0.00	0.00	0.00	0.00	1.97	4859.90
	LOW	7	3979738	0.00	0.00	0.00	0.00	0.00	0.00	1.97	4859.90
HIGH	17 RIVERS	4	4066225	0.00	0.00	0.00	0.00	0.00	0.00	2.00	7082.00
	SEWAGE	5	98882	0.00	7.00	0.00	8.00	0.00	0.00	0.00	309.00
	TOTAL	9	4165107	0.00	7.00	0.00	8.00	0.00	0.00	2.00	7391.00
	LOW	9	4165107	0.00	7.00	0.00	8.00	0.00	0.00	2.00	7391.00
LOW	17 RIVERS	4	4066224	0.00	0.00	0.00	0.00	0.00	0.00	1.09	2685.63
	SEWAGE	5	98882	0.00	0.00	0.00	0.00	0.00	0.00	0.12	308.66
	TOTAL	9	4165106	0.00	0.00	0.00	0.00	0.00	0.00	1.21	2994.29
	LOW	9	4165106	0.00	0.00	0.00	0.00	0.00	0.00	1.21	2994.29
HIGH	18 RIVERS	9	3519682	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4951.00
	SEWAGE	7	100167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755.00
	TOTAL	16	3619649	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5706.00
	LOW	16	3619649	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5706.00
LOW	18 RIVERS	9	3519682	0.00	0.00	0.00	0.00	0.00	0.00	0.27	666.66
	SEWAGE	7	100166	0.00	0.00	0.00	0.00	0.00	0.00	0.31	755.15
	TOTAL	16	3619648	0.00	0.00	0.00	0.00	0.00	0.00	0.58	1421.81
	LOW	16	3619648	0.00	0.00	0.00	0.00	0.00	0.00	0.58	1421.81
HIGH	19 RIVERS	3	581976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.00
	SEWAGE	3	25955	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.00
	TOTAL	6	607931	0.00	0.00	0.00	0.00	0.00	0.00	0.00	282.00
	LOW	6	607931	0.00	0.00	0.00	0.00	0.00	0.00	0.00	282.00
LOW	19 RIVERS	3	581976	0.00	0.00	0.00	0.00	0.00	0.00	0.01	15.93
	SEWAGE	3	25955	0.00	0.00	0.00	0.00	0.00	0.00	0.04	107.23

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	PCB_118 G/YR % ANN. LOAD LOAD	PCB_138 G/YR % ANN. LOAD LOAD	PCB_153 G/YR % ANN. LOAD LOAD	PCB_180 G/YR % ANN. LOAD LOAD	PCB_TOTAL G/YR % ANN. LOAD LOAD	GAMMA_HCH G/YR % ANN. LOAD LOAD	NH3 KG/YR % ANN. LOAD LOAD	NO3 % ANN. LOAD
	TOTAL	6	607931	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.05 123.18	0.78 433796.05	0.44
HIGH											
20	RIVERS	2	3160623	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	1.00 5750.00	0.00 113678.00	1.00
	SEWAGE	1	4320						0.00 39.00	0.00 39617.00	0.00
	TOTAL	3	3164943	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	1.00 5789.00	0.00 153295.00	1.00
LOW											
20	RIVERS	2	3160624	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.22 562.10	0.19 107031.60	1.10
	SEWAGE	1	4320						0.02 37.94	0.07 39551.40	0.00
	TOTAL	3	3164944	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.24 600.04	0.26 146583.00	1.10
HIGH											
21	RIVERS	2	1182289	1.00 1889.00	1.00 1878.00	1.00 1933.00	1.00 1923.00	0.00 0.00	0.00 2184.00	0.00 80324.00	1.00
	SEWAGE	3	76281	0.00 47.00	0.00 46.00	0.00 50.00	0.00 50.00	0.00 0.00	0.00 794.00	1.00 647921.00	0.00
	TOTAL	5	1258570	1.00 1936.00	1.00 1924.00	1.00 1983.00	1.00 1973.00	0.00 0.00	0.00 2978.00	1.00 728245.00	1.00
LOW											
21	RIVERS	2	1182289	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.88 2169.01	0.15 79902.59	1.43
	SEWAGE	3	76281	1.08 8.52	0.80 8.52	0.73 8.52	1.07 8.52	0.00 0.00	0.32 791.84	1.18 647921.37	0.02
	TOTAL	5	1258570	1.08 8.52	0.80 8.52	0.73 8.52	1.07 8.52	0.00 0.00	1.20 2960.85	1.33 727823.97	1.45
HIGH											
22	INDUSTRIAL	4	40853	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 183.00	1.00 824670.00	0.00
	RIVERS	2	12848013	14.00 24816.00	14.00 24839.00	14.00 25186.00	14.00 25546.00	18.00 136352.00	8.00 31716.00	1.00 776330.00	14.00
	SEWAGE	4	314727	0.00 1132.00	0.00 1136.00	0.00 1217.00	0.00 1246.00	0.00 4537.00	1.00 3433.00	4.00 2262279.00	0.00
	TOTAL	10	13203593	14.00 25948.00	14.00 25975.00	14.00 26403.00	14.00 26792.00	18.00 140889.00	9.00 35312.00	6.00 3863279.00	14.00
LOW											
22	INDUSTRIAL	4	40854	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.04 104.55	1.50 824670.35	0.51
	RIVERS	2	12848013	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	5.88 14559.00	1.40 774826.25	14.13
	SEWAGE	4	314728	5.03 40.36	5.65 60.11	5.03 58.40	13.04 103.91	4.08 262.79	1.08 2674.43	4.11 2262278.91	0.22
	TOTAL	10	13203594	5.03 40.36	5.65 60.11	5.03 58.40	13.04 103.91	4.08 262.78	7.00 17337.98	7.01 3861775.51	14.86
HIGH											
23	INDUSTRIAL	1	20132	0.00 97.00	0.00 97.00	0.00 97.00	0.00 97.00	0.00 676.00	0.00 186.00	0.00 3649.00	0.00
	RIVERS	7	10759867	17.00 30348.00	18.00 30348.00	17.00 30348.00	18.00 30348.00	27.00 212438.00	3.00 17615.00	0.00 235479.00	4.00
	SEWAGE	11	359890	1.00 4111.00	1.00 4300.00	1.00 4416.00	1.00 4098.00	2.00 25478.00	0.00 3958.00	1.00 1678169.00	0.00
	TOTAL	19	11139889	18.00 34556.00	19.00 34745.00	18.00 34861.00	19.00 34543.00	29.00 238562.00	3.00 21759.00	1.00 1917297.00	4.00
LOW											
23	INDUSTRIAL	1	20132	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 1798.29	0.00
	RIVERS	7	10759866	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.29 722.21	0.42 233764.51	4.95
	SEWAGE	11	359892	85.78 688.78	82.58 678.28	85.63 993.99	84.77 675.69	85.40 5505.92	0.03 80.16	3.05 1677402.63	0.08
	TOTAL	19	11139890	85.78 688.78	82.58 678.28	85.63 993.99	84.77 675.69	85.40 5505.92	0.32 802.37	3.47 1812963.43	5.03
HIGH											
24	INDUSTRIAL	4	66113	0.00 630.00	0.00 630.00	0.00 630.00	0.00 630.00	0.00 4402.00	0.00 485.00	0.00 281999.00	0.00
	RIVERS	8	1859312	0.00 3342.00	1.00 3342.00	0.00 3342.00	0.00 3342.00	4.00 23403.00	0.00 4120.00	2.00 1127797.00	0.00
	SEWAGE	9	197887	1.00 3201.00	1.00 3201.00	1.00 3201.00	1.00 3201.00	3.00 22405.00	0.00 3248.00	1.00 962823.00	0.00
	TOTAL	21	2123312	1.00 7173.00	2.00 7173.00	1.00 7173.00	1.00 7173.00	7.00 50210.00	0.00 7853.00	3.00 2372819.00	0.00
LOW											
24	INDUSTRIAL	4	66114	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.51 279368.55	0.00
	RIVERS	8	1859313	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 8.66	2.03 1127178.10	0.37
	SEWAGE	9	197886	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	1.74 960237.31	0.04
	TOTAL	21	2123313	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 8.66	4.28 2366783.96	0.41
HIGH											
25	INDUSTRIAL	3	41713	0.00 313.00	0.00 313.00	0.00 313.00	0.00 313.00	0.00 2195.00	0.00 313.00	0.00 80684.00	0.00
	RIVERS	6	3172697	1.00 2717.00	1.00 2717.00	1.00 2717.00	1.00 2717.00	3.00 19024.00	1.00 5702.00	0.00 115814.00	1.00
	SEWAGE	6	205682	0.00 1525.00	0.00 1525.00	0.00 1525.00	0.00 1525.00	1.00 10678.00	0.00 1745.00	1.00 937700.00	0.00
	TOTAL	15	3420092	1.00 4555.00	1.00 4555.00	1.00 4555.00	1.00 4555.00	4.00 31895.00	1.00 7760.00	1.00 1134198.00	1.00
LOW											
25	INDUSTRIAL	3	41712	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.14 80542.82	0.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	PCB_118 % ANN. LOAD	G/YR LOAD	PCB_138 % ANN. LOAD	G/YR LOAD	PCB_153 % ANN. LOAD	G/YR LOAD	PCB_180 % ANN. LOAD	G/YR LOAD	PCB_TOTAL % ANN. LOAD	G/YR LOAD	GAMMA_HCH % ANN. LOAD	G/YR LOAD	NH3 % ANN. LOAD	KG/YR LOAD	NO3 % ANN. LOAD
	RIVERS	8	3172897	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	114265.04	1.29
	SEWAGE	8	205882	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	164.41	1.69	936588.51	0.00
	TOTAL	15	3420091	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	164.41	2.02	1131396.38	1.37
HIGH	26 RIVERS	8	4320708	1.00	2877.00	1.00	2877.00	1.00	2877.00	1.00	2877.00	2.00	20138.00	2.00	8157.00	0.00	65237.00	1.00
LOW	SEWAGE	5	108683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.00	2.00	979094.00	0.00
	TOTAL	11	4428371	1.00	2877.00	1.00	2877.00	1.00	2877.00	1.00	2877.00	2.00	20138.00	2.00	8215.00	2.00	1044331.00	1.00
	26 RIVERS	6	4320709	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	60601.83	1.05
LOW	SEWAGE	5	108683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	977418.73	0.00
	TOTAL	11	4428372	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1038020.56	1.05
HIGH	27 INDUSTRIAL	7	35251	0.00	454.00	0.00	461.00	0.00	454.00	0.00	454.00	0.00	3050.00	0.00	452.00	0.00	12165.00	0.00
LOW	RIVERS	7	3785216	5.00	8063.00	5.00	8063.00	5.00	8063.00	5.00	8063.00	8.00	56439.00	2.00	7068.00	0.00	149522.00	1.00
	SEWAGE	7	62581	0.00	481.00	0.00	490.00	0.00	484.00	0.00	445.00	0.00	3153.00	0.00	445.00	0.00	535116.00	0.00
	TOTAL	21	3883048	5.00	8988.00	5.00	9014.00	5.00	8982.00	5.00	8982.00	8.00	62642.00	2.00	7965.00	0.00	698803.00	1.00
LOW	27 INDUSTRIAL	7	35251	0.00	0.00	2.82	29.96	0.00	0.00	0.00	0.00	0.47	29.96	0.00	0.00	0.01	12149.69	0.00
	RIVERS	7	3785216	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	147743.29	1.34
	SEWAGE	7	62581	8.13	65.28	6.95	73.98	5.87	68.18	0.00	0.00	3.80	245.16	0.00	0.00	0.98	535116.20	0.00
LOW	TOTAL	21	3883047	8.13	65.28	8.77	103.94	5.87	68.18	0.00	0.00	4.27	275.12	0.00	0.00	1.25	695009.17	1.34
HIGH	28 INDUSTRIAL	3	28118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	RIVERS	6	3910191	3.00	5493.00	3.00	5493.00	3.00	5493.00	3.00	5493.00	0.00	0.00	0.00	31906.00	11.00	8255357.00	4.00
	SEWAGE	2	68458	0.00	228.00	0.00	228.00	0.00	228.00	0.00	228.00	0.00	0.00	0.00	526.00	2.00	1102407.00	0.00
	TOTAL	11	4008787	3.00	5721.00	3.00	5721.00	3.00	5721.00	3.00	5721.00	0.00	0.00	8.00	32432.00	13.00	7357764.00	4.00
LOW	28 INDUSTRIAL	3	28118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	6	3910190	0.00	0.00	0.00	0.00	1.90	22.07	0.00	0.00	0.00	0.00	11.22	27762.66	11.34	6255356.59	3.61
	SEWAGE	2	68458	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1102407.15	0.07
LOW	TOTAL	11	4008787	0.00	0.00	0.00	0.00	1.90	22.07	0.00	0.00	0.00	0.00	11.22	27762.66	13.34	7357763.74	3.68
HIGH	29 INDUSTRIAL	1	5910	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	RIVERS	8	6138718	6.00	11331.00	6.00	11331.00	6.00	11331.00	6.00	11331.00	0.00	0.00	2.00	13374.00	1.00	1128619.00	1.00
	TOTAL	9	6144628	6.00	11331.00	6.00	11331.00	6.00	11331.00	6.00	11331.00	0.00	0.00	2.00	13374.00	1.00	1128619.00	1.00
LOW	29 INDUSTRIAL	1	5910	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	8	6138719	0.00	0.00	1.22	12.99	0.00	0.00	0.00	0.00	0.00	0.00	0.96	2395.97	2.04	1116027.47	2.75
	TOTAL	9	6144629	0.00	0.00	1.22	12.99	0.00	0.00	0.00	0.00	0.00	0.00	0.96	2395.97	2.04	1116027.47	2.75
HIGH	30 INDUSTRIAL	1	14701	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	RIVERS	2	5309529	6.00	9786.00	6.00	9786.00	6.00	9786.00	6.00	9786.00	0.00	0.00	3.00	9872.00	0.00	122829.00	2.00
	TOTAL	3	5324230	6.00	9786.00	6.00	9786.00	6.00	9786.00	6.00	9786.00	0.00	0.00	3.00	9872.00	0.00	122829.00	2.00
LOW	30 INDUSTRIAL	1	14701	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	2	5309529	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	518.16	0.20	110534.55	2.08
	TOTAL	3	5324230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	518.16	0.20	110534.55	2.08
HIGH	INDUSTRIAL	58	741970	0.00	2657.00	0.00	2388.00	0.00	2621.00	0.00	2385.00	0.00	10323.00	0.11	2674.78	14.00	9875649.66	1.02
LOW	RIVERS	127	118278229	81.00	154559.00	80.00	148470.00	79.00	150877.00	78.00	151940.00	84.00	653013.00	68.00	304840.00	22.00	15318799.00	83.00
	SEWAGE	128	6014813	5.00	18092.00	4.00	17487.00	5.00	18777.00	4.00	17403.00	10.00	99381.00	13.63	80878.00	43.00	30244513.04	4.00
	TOTAL	311	125034812	86	175506	84	166345	84	173278	83	171728	94	762717	81.74	388492.8	79	55436981.7	88.02

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	PCB_118 % ANN. LOAD	G/YR LOAD	PCB_138 % ANN. LOAD	G/YR LOAD	PCB_153 % ANN. LOAD	G/YR LOAD	PCB_180 % ANN. LOAD	G/YR LOAD	PCB_TOTAL % ANN. LOAD	G/YR LOAD	GAMMA_HCH % ANN. LOAD	G/YR LOAD	NH3 % ANN. LOAD	KG/YR LOAD	NO3 % ANN. LOAD
LOW	INDUSTRIAL	56	741872	0.00	0.00	2.82	29.96	0.00	0.00	0.00	0.00	0.47	29.96	0.06	179.86	17.88	9870368.52	1.59
	RIVERS	127	118278230	0.00	0.00	1.22	12.99	1.90	22.07	0.00	0.00	6.25	402.87	69.50	171936.89	27.52	15200635.48	92.65
	SEWAGE	128	6014614	100.00	802.94	95.96	1020.89	98.09	1138.68	100.00	797.07	93.28	6013.87	28.21	69789.82	54.57	30094420.50	5.63
	TOTAL	311	125034818	100.00	802.94	100.00	1063.84	98.99	1180.75	100.00	797.07	100.00	6446.70	97.77	241908.57	99.97	55185624.50	98.87

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	KG/YR LOAD	NO2 % ANN. LOAD	KG/YR LOAD	TON % ANN. LOAD	KG/YR LOAD	TOTALN % ANN. LOAD	KG/YR LOAD	ORTH P % ANN. LOAD	KG/YR LOAD	SPM % ANN. LOAD	KG/YR LOAD
HIGH	1 INDUSTRIAL RIVERS SEWAGE TOTAL	2	10289	2463.00	0.00	118.00	0.00	2543.00	0.00	56727.78	0.00	34148.00	5.00	94890245.00
		4	6587690	4141037.00	1.00	33137.00	2.00	3802247.00	1.00	4363638.62	0.00	99821.00	1.00	20228782.00
		3	28850	6178.00	0.00	1484.00	0.00	7534.00	0.00	357274.10	0.00	69355.00	0.00	1579013.00
		9	6626829	4149878.00	1.00	34739.00	2.00	3812324.00	1.00	4777640.50	0.00	203324.00	6.00	116698040.00
LOW	1 INDUSTRIAL RIVERS SEWAGE TOTAL	2	10289	2169.04	0.00	117.84	0.00	2259.29	0.02	56727.78	0.13	34090.47	5.28	94890245.01
		4	6587690	4136501.00	1.09	33015.07	2.03	3797710.86	1.87	4363638.62	0.30	79958.24	1.13	20218874.18
		3	28850	5020.43	0.04	1474.80	0.00	8378.48	0.16	357274.10	0.26	69353.69	0.10	1579013.62
		9	6626829	4143690.48	1.13	34607.51	2.03	3806346.82	2.05	4777640.50	0.69	183400.40	6.51	116688132.81
HIGH	2 INDUSTRIAL RIVERS SEWAGE TOTAL	1	100						0.00	108.00				
		3	3162184	1121546.00	0.00	19684.00	0.00	1141137.00	0.00	1299632.00	0.00	125586.00	1.00	23678224.00
		1	237764	51426.00	0.00	12440.00	0.00	81273.00	1.00	2452223.00	1.00	369461.00	0.00	7832369.00
		5	3400048	1172672.00	0.00	32124.00	0.00	1202410.00	1.00	3751983.00	1.00	495047.00	1.00	31508593.00
LOW	2 INDUSTRIAL RIVERS SEWAGE TOTAL	1	100						0.00	107.67				
		3	3162184	1121545.91	0.64	19590.84	0.62	1141136.76	0.57	1299630.95	0.47	124051.59	1.32	23629902.56
		1	237764	38974.72	0.40	12206.30	0.03	50291.71	1.06	2452222.61	1.37	369461.35	0.44	7832369.46
		5	3400047	11180520.62	1.04	31797.14	0.65	1181428.47	1.63	3751981.23	1.84	493512.94	1.76	31482272.02
HIGH	3 RIVERS SEWAGE TOTAL	1	919111	894746.00	1.00	31897.00	0.00	926343.00	0.00	864106.07	0.00	132826.00	0.00	6081639.00
		1	51088	25357.00	0.00	14351.00	0.00	39021.00	0.00	451739.38	0.00	92586.00	0.00	261178.00
		2	970199	1620103.00	1.00	46246.00	0.00	965364.00	0.00	1315845.45	0.00	225414.00	0.00	6342817.00
		2	970199	1620103.00	1.00	46246.00	0.00	965364.00	0.00	1315845.45	0.00	225414.00	0.00	6342817.00
LOW	3 RIVERS SEWAGE TOTAL	1	919111	894746.22	1.04	31596.70	0.50	926342.93	0.37	864106.07	0.49	132224.66	0.34	6081638.76
		1	51088	24020.82	0.47	14333.86	0.02	38411.74	0.19	451739.38	0.34	92567.89	0.01	261178.15
		2	970199	1616767.04	1.51	45930.58	0.52	964754.67	0.56	1315845.45	0.83	224812.55	0.35	6342816.91
		2	970199	1616767.04	1.51	45930.58	0.52	964754.67	0.56	1315845.45	0.83	224812.55	0.35	6342816.91
HIGH	4 SEWAGE TOTAL	3	119124	34731.00	0.00	6085.00	0.00	39868.00	0.00	1214268.00	1.00	264974.02	3.00	45999707.00
		3	119124	34731.00	0.00	6085.00	0.00	39868.00	0.00	1214268.00	1.00	264974.02	3.00	45999707.00
		3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
		3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
LOW	4 SEWAGE TOTAL	3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
		3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
		3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
		3	119124	28088.95	0.20	6054.80	0.02	33122.78	0.53	1214267.68	0.99	264974.02	2.55	45999706.76
HIGH	5 INDUSTRIAL RIVERS SEWAGE TOTAL	9	284095	1922423.00	4.00	141894.00	1.00	2063471.00	3.00	9839315.00	0.00	208793.00	1.00	15229597.00
		1	3834471	7434759.00	1.00	43172.00	4.00	7477370.00	3.00	7649863.00	1.00	200058.00	3.00	62254784.00
		3	121457	72479.00	0.00	13636.00	0.00	84850.00	0.00	1121906.00	0.00	213457.00	0.00	5671603.00
		13	4240023	9429661.00	5.00	198702.00	5.00	9825691.00	6.00	18611084.00	1.00	622308.00	4.00	83155984.00
LOW	5 INDUSTRIAL RIVERS SEWAGE TOTAL	9	284096	1920762.53	4.70	141840.14	1.10	2063153.33	4.25	9839314.40	0.78	208694.23	0.84	15229596.73
		1	3834471	7434759.03	1.41	42611.44	4.00	7477370.47	3.29	7649862.54	0.74	198936.57	3.46	62240711.04
		3	121457	68117.84	0.45	13602.50	0.05	78769.82	0.48	1121906.41	0.79	213457.63	0.32	5671602.58
		13	4240023	9421639.41	6.56	198054.06	5.15	9819293.62	8.02	18611083.35	2.31	621086.43	4.62	83141610.36
HIGH	6 INDUSTRIAL SEWAGE TOTAL	1	43259	26662.00	0.00	530.00	0.00	27119.00	0.00	161477.00	0.00	8522.00	11.00	190003901.48
		2	48400	7728.00	0.00	725.00	0.00	7933.00	0.00	546789.00	0.00	129531.00	0.00	5038971.43
		3	91659	134390.00	0.00	1255.00	0.00	35052.00	0.00	708266.00	0.00	136053.00	11.00	195042872.91
		3	91659	134390.00	0.00	1255.00	0.00	35052.00	0.00	708266.00	0.00	136053.00	11.00	195042872.91
LOW	6 INDUSTRIAL SEWAGE TOTAL	1	43259	26085.04	0.02	529.56	0.01	26542.49	0.07	161478.55	0.03	8493.32	10.56	190003901.48
		2	48400	5114.82	0.02	720.51	0.00	5351.12	0.23	546789.10	0.48	129531.17	0.28	5038971.43
		3	91659	31193.86	0.04	1250.07	0.01	31893.61	0.30	708265.64	0.81	136024.49	10.84	195042872.81
		3	91659	31193.86	0.04	1250.07	0.01	31893.61	0.30	708265.64	0.81	136024.49	10.84	195042872.81
HIGH														

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CUM. M/DAY	KG/YR LOAD	NO2 % ANN. LOAD	KG/YR LOAD	TON % ANN. LOAD	KG/YR LOAD	TOTALN % ANN. LOAD	KG/YR LOAD	ORTHP % ANN. LOAD	KG/YR LOAD	SPM % ANN. LOAD	KG/YR LOAD
LOW	7 SEWAGE	1	18750	5673.00	0.00	1212.00	0.00	6707.00	0.00	221331.00	0.00	58157.00	0.00	3538219.00
	TOTAL	1	18750	5673.00	0.00	1212.00	0.00	6707.00	0.00	221331.00	0.00	58157.00	0.00	3538219.00
	7 SEWAGE	1	18750	4608.12	0.04	1204.50	0.00	5642.29	0.10	221330.68	0.22	58156.66	0.20	3538218.75
	TOTAL	1	18750	4608.12	0.04	1204.50	0.00	5642.29	0.10	221330.68	0.22	58156.66	0.20	3538218.75
LOW	7.1 INDUSTRIAL RIVERS	12	93861	39998.99	0.08	2552.67	0.02	42354.67	0.22	527980.42	0.11	29835.76	0.24	4284347.34
	SEWAGE	3	14585947	43791518.00	18.00	505694.00	22.00	40654051.00	18.00	43266726.00	16.00	4010315.00	10.00	169989399.00
	TOTAL	23	14786277	43853873.99	18.08	511116.67	22.02	40721005.67	18.22	44904382.42	17.11	4263754.76	11.24	191383624.34
	7.1 INDUSTRIAL RIVERS	12	93863	39301.84	0.08	2552.30	0.02	41657.33	0.22	527980.43	0.11	29781.03	0.24	4284347.34
	SEWAGE	3	14585948	43791517.78	18.71	505694.10	21.78	40654051.37	18.62	43266725.77	14.90	4009451.66	9.44	169970524.98
	TOTAL	23	14786278	43848668.47	18.89	511078.67	21.79	40716001.26	18.32	44904382.57	15.92	4262836.93	10.63	191364750.62
	9 INDUSTRIAL RIVERS	2	1108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	5	4547047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	9 INDUSTRIAL RIVERS	2	1108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	5	4547047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	14	4644317	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	10 RIVERS	6	2187159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	3	111042	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	9	2298201	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	10 RIVERS	6	2187159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	3	111041	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOW	11 RIVERS	3	458750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	4	66672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	7	525422	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	11 RIVERS	3	458749	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEWAGE	4	66672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	7	525422	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	12 RIVERS	10	8194921	21143938.00	8.00	280309.00	11.00	22325051.00	10.20	23698560.85	9.00	2673951.00	5.00	100825109.00
	SEWAGE	6	2579775	8197683.00	14.00	422304.00	4.00	8869815.00	5.91	13715979.18	13.00	3630344.00	1.00	20780876.00
LOW	12 RIVERS	10	8194921	21143042.86	9.28	280308.51	11.99	22324154.32	10.20	23698560.85	9.95	2673937.94	5.61	100832516.94
	SEWAGE	6	2579774	8151731.82	13.93	421971.37	4.72	8807031.02	5.91	13715979.18	13.50	3630343.64	1.15	20723097.07
	TOTAL	16	10774695	26294774.48	23.21	702279.89	16.71	31131185.35	16.11	37414540.03	23.45	6304281.59	6.76	121555614.01
	13 INDUSTRIAL RIVERS	4	55939	562.00	0.00	4109.00	0.00	4623.56	0.00	61415.00	0.00	6668.16	0.00	0.00
	SEWAGE	10	2287016	3947427.00	2.00	65338.00	2.00	3938558.20	1.00	4038012.00	1.00	326958.24	0.00	0.00
	TOTAL	14	165540	139378.00	0.00	11838.00	0.00	671277.81	0.00	1667204.00	1.00	290859.05	0.00	0.00
	TOTAL	17	2508485	4087365.00	2.00	81283.00	2.00	4614459.57	1.00	6766631.00	2.00	624603.45	0.00	0.00

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	KG/YR LOAD	NO2 % ANN. LOAD	KG/YR LOAD	TON % ANN. LOAD	KG/YR LOAD	TOTALN % ANN. LOAD	KG/YR LOAD	ORTHP % ANN. LOAD	KG/YR LOAD	SPM % ANN. LOAD	KG/YR LOAD
LOW	13 INDUSTRIAL RIVERS SEWAGE TOTAL	4	55939	520.55	0.09	2745.02	0.00	4623.58	0.03	61415.43	0.02	6688.16	0.00	0.00
		3	2287015	3947427.35	2.16	65336.95	2.10	3938558.20	1.73	4038011.81	1.21	326958.24	0.00	0.00
		10	165541	133485.22	0.33	10315.55	0.37	871277.81	0.72	1667205.15	1.08	290959.05	0.00	0.00
		17	2508485	4081433.12	2.58	78387.52	2.47	4614458.57	2.48	5766832.40	2.31	624603.45	0.00	0.00
HIGH	14 RIVERS SEWAGE TOTAL	4	1751046	2333378.00	2.00	62693.00	0.00	2396072.00	0.00	2426214.00	0.00	272740.00	0.00	0.00
		9	226794	88153.00	0.00	23583.00	0.00	109420.00	0.00	2956558.00	2.00	451858.00	0.00	0.00
		13	1977840	2421531.00	2.00	68276.00	0.00	2505482.00	0.00	5382772.00	2.00	724398.00	0.00	0.00
LOW	14 RIVERS SEWAGE TOTAL	4	1751047	2333377.77	2.07	62693.60	1.28	2396071.39	1.04	2428213.76	1.01	272739.24	0.00	0.00
		9	226796	79297.29	0.67	20440.45	0.08	109419.50	1.28	2956557.49	1.68	451657.34	0.00	0.00
		13	1977842	2412675.06	2.74	83134.05	1.34	2505490.89	2.32	5382771.24	2.69	724396.58	0.00	0.00
HIGH	15 INDUSTRIAL RIVERS SEWAGE TOTAL	1	528											
		2	1281998	3084728.00	0.00	19687.00	2.00	3104394.48	1.00	3104394.48	0.00	49309.78	0.00	0.00
		7	299337	273492.00	0.00	41394.00	0.00	314888.48	0.00	2562353.53	0.00	468181.50	0.00	0.00
		10	1581863	3358220.00	0.00	61081.00	2.00	3418282.95	1.00	5686748.00	0.00	517471.28	0.00	0.00
LOW	18 INDUSTRIAL RIVERS SEWAGE TOTAL	1	528											
		2	1281998	3084727.26	0.65	19687.21	1.68	3104394.48	1.34	3104394.48	0.18	49309.76	0.00	0.00
		7	299336	254881.37	1.24	37500.12	0.17	314888.48	1.10	2562353.53	1.74	468181.50	0.00	0.00
		10	1581883	3339608.63	1.89	57187.33	1.83	3418282.95	2.44	5686748.00	1.92	517471.28	0.00	0.00
HIGH	16 RIVERS SEWAGE TOTAL	3	3865843	8522448.59	2.00	68428.00	5.00	8590874.00	4.00	8659825.00	1.00	336755.59	1.00	1895988.00
		4	113895	141803.02	0.00	20487.00	0.00	162081.00	0.00	975200.00	0.00	212505.15	0.00	215768.00
		7	3979738	8884051.61	2.00	68913.00	5.00	8752965.00	4.00	9635025.00	1.00	549260.74	1.00	19175635.00
		7	3979738	8884051.61	2.00	68913.00	5.00	8752965.00	4.00	9635025.00	1.00	549260.74	1.00	19175635.00
LOW	16 RIVERS SEWAGE TOTAL	3	3865844	8522448.59	2.26	68425.56	4.60	8590874.17	3.72	8659825.01	1.28	336755.59	1.04	18714437.38
		4	113895	141603.02	0.63	19101.87	0.07	147518.18	0.43	975199.33	0.78	212505.15	0.01	152736.73
		7	3979738	8884051.61	2.89	87527.43	4.67	8738382.35	4.15	9635024.33	2.04	549260.74	1.05	18867174.11
		7	3979738	8884051.61	2.89	87527.43	4.67	8738382.35	4.15	9635024.33	2.04	549260.74	1.05	18867174.11
HIGH	17 RIVERS SEWAGE TOTAL	4	4066225	5465550.00	1.00	54881.00	2.00	5520872.00	1.00	5676559.04	0.00	183458.00	4.00	58178054.00
		5	98882	194272.00	0.00	10097.00	0.00	204365.00	0.00	886153.48	0.00	199863.00	0.00	4737348.00
		9	4165107	5659822.00	1.00	64959.00	2.00	5725237.00	1.00	6582712.51	0.00	383319.00	4.00	63915402.00
		9	4165107	5659822.00	1.00	64959.00	2.00	5725237.00	1.00	6582712.51	0.00	383319.00	4.00	63915402.00
LOW	17 RIVERS SEWAGE TOTAL	4	4066224	5465550.15	1.81	54842.43	2.85	5520872.04	2.44	5676558.04	0.68	183458.79	3.28	59044285.39
		5	98882	194271.13	0.27	8270.89	0.09	187215.84	0.38	886153.48	0.75	199861.72	0.28	4737347.79
		9	4165106	5659821.28	2.08	63113.32	3.04	5706087.88	2.82	6582712.51	1.43	383318.51	3.54	63781633.18
		9	4165106	5659821.28	2.08	63113.32	3.04	5706087.88	2.82	6582712.51	1.43	383318.51	3.54	63781633.18
HIGH	18 RIVERS SEWAGE TOTAL	9	3519882	3811477.00	1.00	32198.00	1.00	3843783.00	1.00	3710537.00	0.00	65481.00	1.00	24954554.00
		7	100167	212485.00	0.00	7949.00	0.00	226164.00	0.00	567592.00	0.00	107523.00	0.00	1542573.00
		16	3819849	3823982.00	1.00	40145.00	1.00	3889947.00	1.00	4278129.00	0.00	172984.00	1.00	28497127.00
		16	3819849	3823982.00	1.00	40145.00	1.00	3889947.00	1.00	4278129.00	0.00	172984.00	1.00	28497127.00
LOW	18 RIVERS SEWAGE TOTAL	9	3519882	3811475.15	1.08	32005.71	1.96	3843782.69	1.59	3710534.97	0.21	62070.27	1.38	24498615.19
		7	100166	212484.69	0.21	6367.39	0.12	218634.83	0.24	567591.97	0.40	107522.74	0.08	1532753.38
		16	3819848	3823958.84	1.27	38373.10	2.08	3862417.53	1.83	4278126.94	0.81	168593.02	1.44	28031368.57
		16	3819848	3823958.84	1.27	38373.10	2.08	3862417.53	1.83	4278126.94	0.81	168593.02	1.44	28031368.57
HIGH	19 RIVERS SEWAGE TOTAL	3	581978	794807.57	0.00	2182.00	0.00	797251.00	0.00	751204.00	0.00	10274.00	0.00	1825090.00
		3	25955	10611.62	0.00	1728.00	0.00	12249.00	0.00	438921.00	0.00	78493.00	0.00	3721675.00
		6	807931	805419.19	0.00	3910.00	0.00	809500.00	0.00	1190125.00	0.00	88787.00	0.00	5348765.00
		6	807931	805419.19	0.00	3910.00	0.00	809500.00	0.00	1190125.00	0.00	88787.00	0.00	5348765.00
LOW	19 RIVERS SEWAGE	3	581978	794807.57	0.07	2131.87	0.43	797251.09	0.32	751203.99	0.03	9456.59	0.09	1512505.97
		3	25955	10611.62	0.03	878.89	0.00	3652.20	0.19	438920.67	0.29	78435.39	0.20	3721298.77

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	KG/YR	NO2 % ANN. LOAD	KG/YR	TON % ANN. LOAD	KG/YR	TOTALN % ANN. LOAD	KG/YR	ORTHOP % ANN. LOAD	KG/YR	SPM % ANN. LOAD	KG/YR
	TOTAL	6	607931	805419.19	0.10	3011.56	0.43	800903.30	0.51	1190124.66	0.32	87891.98	0.29	5233804.74
HIGH														
20	RIVERS	2	3160623	2001330.54	1.00	33731.00	1.00	2034718.00	0.00	2148396.00	0.00	77755.00	5.00	99254725.00
	SEWAGE	1	4320	2168.10	0.00	512.00	0.00	2681.00	0.00	42296.00	0.00	7687.00	0.00	326541.00
	TOTAL	3	3164943	2003498.64	1.00	34243.00	1.00	2037399.00	0.00	2190694.00	0.00	85442.00	5.00	99581266.00
LOW														
20	RIVERS	2	3160624	2001330.54	1.12	33731.62	1.08	2034718.04	0.92	2148395.55	0.28	77674.85	5.52	99156727.23
	SEWAGE	1	4320	2168.10	0.01	420.48	0.00	1760.78	0.02	42297.66	0.03	7621.20	0.02	326540.95
	TOTAL	3	3164944	2003498.64	1.13	34152.10	1.08	2036478.80	0.94	2190693.21	0.31	85296.05	5.54	99483268.18
HIGH														
21	RIVERS	2	1182289	2581399.00	1.00	32035.00	1.00	2613434.00	1.00	2693337.00	0.00	186170.00	0.00	9895162.00
	SEWAGE	3	78281	42796.00	0.00	11443.00	0.00	53937.00	0.00	699064.00	0.00	116853.00	0.00	4265367.00
	TOTAL	5	1258570	2624195.00	1.00	43478.00	1.00	2667371.00	1.00	3392401.00	0.00	303023.00	0.00	14160529.00
LOW														
21	RIVERS	2	1182289	2581398.55	1.08	32035.37	1.40	2613433.94	1.16	2693336.54	0.69	186169.86	0.55	9892461.43
	SEWAGE	3	78281	42796.22	0.35	10851.48	0.02	41318.82	0.30	699064.41	0.43	116664.24	0.24	4265367.57
	TOTAL	5	1258570	2624194.78	1.41	42886.85	1.42	2654750.76	1.46	3392400.94	1.12	302834.09	0.79	14157829.00
HIGH														
22	INDUSTRIAL	4	40853	929075.00	1.00	24834.00	0.00	953910.00	1.00	1778561.00	0.00	5202.00	0.00	1075529.00
	RIVERS	2	12848013	25657228.00	4.00	115238.00	16.00	30283156.00	13.00	31059486.00	7.00	1918619.00	16.00	284204930.00
	SEWAGE	4	314727	411768.00	1.00	23450.00	0.00	575644.00	1.00	2833022.00	1.00	385192.00	0.00	10570202.00
	TOTAL	10	13203593	26988071.00	6.00	163522.00	16.00	31812710.00	15.00	35671068.00	8.00	2308013.00	16.00	295850661.00
LOW														
22	INDUSTRIAL	4	40854	929075.53	0.81	24815.61	0.52	953909.23	0.77	1778561.51	0.00	1835.97	0.08	1075529.18
	RIVERS	2	12848013	25657227.90	3.81	115237.70	16.21	30283155.47	13.36	31059486.16	7.14	1918619.20	15.80	284204929.97
	SEWAGE	4	314728	400471.57	0.82	18551.14	0.28	511698.39	1.23	2833022.84	1.43	385191.14	0.58	10560787.70
	TOTAL	10	13203594	26988774.99	5.24	156604.45	17.01	31748763.09	15.36	35671070.51	8.57	2306848.31	16.44	295841248.85
HIGH														
23	INDUSTRIAL	1	20132	5916.00	0.00	10627.00	0.00	12447.00	0.00	13570.00	0.00	22697.00	1.00	12443604.00
	RIVERS	7	10759867	8960351.00	4.00	101778.00	4.00	9062063.00	4.00	9228363.00	1.00	268336.00	7.00	134643409.00
	SEWAGE	11	359890	184776.00	0.00	27581.00	0.00	108400.00	0.00	1724621.00	0.00	395158.00	0.00	14409386.00
	TOTAL	19	11139889	9151043.00	4.00	139984.00	4.00	9180910.00	4.00	10966554.00	1.00	686191.00	8.00	161496396.00
LOW														
23	INDUSTRIAL	1	20132	5916.31	0.35	10626.70	0.01	12231.69	0.01	12968.72	0.08	22419.07	0.89	12443604.17
	RIVERS	7	10759868	8960350.73	3.98	101773.09	4.85	9062062.44	3.98	9228363.23	0.98	260213.31	7.49	134504046.75
	SEWAGE	11	359892	184774.84	0.85	25513.31	0.03	74995.11	0.42	968654.91	1.43	384542.49	0.80	14409387.83
	TOTAL	19	11139890	9151041.87	4.56	137913.10	4.89	9148269.25	4.41	10209864.87	2.49	667174.87	8.98	161357038.75
HIGH														
24	INDUSTRIAL	4	66113	10796.00	0.00	3062.00	0.00	13858.00	0.00	295858.00	0.00	2630.00	0.00	2842141.00
	RIVERS	8	1859312	684220.00	0.00	15330.00	0.00	699419.00	0.00	1827216.00	1.00	259623.00	1.00	35105385.00
	SEWAGE	9	197887	95382.00	0.00	18621.00	0.00	113960.00	0.00	1068967.00	0.00	213122.00	0.00	7413252.00
	TOTAL	21	2123312	790398.00	0.00	37013.00	0.00	827237.00	0.00	3182041.00	1.00	475375.00	1.00	45380778.00
LOW														
24	INDUSTRIAL	4	66114	10796.30	0.10	2850.64	0.00	4659.87	0.01	22363.62	0.00	0.00	0.15	2842141.25
	RIVERS	8	1859313	684175.50	0.48	14243.06	0.37	683309.97	0.41	935650.88	0.96	258411.41	1.94	34866028.13
	SEWAGE	9	197888	95383.18	0.59	17873.13	0.04	90979.62	0.22	519164.97	0.77	208660.41	0.42	7413232.37
	TOTAL	21	2123313	790354.98	1.15	34866.84	0.41	778949.48	0.64	1477179.46	1.73	467071.82	2.51	45121401.75
HIGH														
25	INDUSTRIAL	3	41713	9834.44	0.00	1065.00	0.00	10899.00	0.00	91586.00	0.00	7708.00	0.00	778124.00
	RIVERS	8	3172697	2345165.88	0.00	24775.00	1.00	2735278.00	0.00	2825114.00	0.00	35077.00	4.00	66399820.00
	SEWAGE	8	205682	184347.85	0.00	14731.00	0.00	169797.00	0.00	1102944.00	0.00	205350.00	0.00	7587942.00
	TOTAL	15	3420092	2519348.14	0.00	40571.00	1.00	2915974.00	0.00	4019644.00	0.00	248133.00	4.00	74763886.00
LOW														
25	INDUSTRIAL	3	41712	9834.44	0.02	810.75	0.00	6849.41	0.02	56292.72	0.01	2017.28	0.04	778123.98

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	KG/YR LOAD	NO2 % ANN. LOAD	KG/YR LOAD	TON % ANN. LOAD	KG/YR LOAD	TOTALN % ANN. LOAD	KG/YR LOAD	ORTH % ANN. LOAD	KG/YR LOAD	SPM % ANN. LOAD	KG/YR LOAD
	RIVERS	6	3172697	2345165.86	0.81	24745.17	1.47	2735277.78	1.22	2825113.30	0.10	26987.44	3.68	66248115.71
	SEWAGE	6	205682	164347.85	0.43	12920.01	0.08	153424.71	0.30	689155.21	0.73	196608.48	0.41	7587942.47
	TOTAL	15	3420091	2518348.14	1.28	38275.89	1.55	2895351.87	1.54	3570661.23	0.84	225613.20	4.13	74612182.16
HIGH	26 RIVERS	6	4320708	1899558.00	0.00	11584.00	1.00	1909910.00	0.00	1975148.00	0.00	45368.00	0.00	13954101.00
	SEWAGE	5	108663	0.00	0.00	0.00	0.00	0.00	0.00	979094.00	9.00	2570433.00	1.00	12289747.00
	TOTAL	11	4429371	1899558.00	0.00	11584.00	1.00	1909910.00	0.00	2954240.00	9.00	2615788.00	1.00	26243848.00
LOW	26 RIVERS	6	4320709	1899530.42	0.35	10396.89	1.04	1909883.78	0.86	1975017.80	0.08	23588.12	0.71	12820866.51
	SEWAGE	5	108663	0.00	0.00	0.00	0.00	0.00	0.43	979093.29	9.58	2570113.38	0.68	12288588.01
	TOTAL	11	4429372	1899530.42	0.35	10396.89	1.04	1909883.78	1.29	2954111.09	9.64	2593701.50	1.39	25109454.51
HIGH	27 INDUSTRIAL	7	35251	12610.00	0.00	2041.00	0.00	14650.00	0.00	26816.00	0.00	12336.00	0.00	258059.00
	RIVERS	7	3785216	2432041.00	2.00	38998.00	1.00	2471624.00	1.00	2601277.00	0.00	105790.00	2.00	48761733.00
	SEWAGE	7	62581	17177.00	0.00	3327.00	0.00	20501.00	0.00	54688.00	0.00	100608.00	0.00	1787575.00
	TOTAL	21	3883048	2461828.00	2.00	44368.00	1.00	2506775.00	1.00	3174751.00	0.00	218732.00	2.00	50807387.00
LOW	27 INDUSTRIAL	7	35251	12609.67	0.07	2004.30	0.00	14558.41	0.00	23291.03	0.04	12291.31	0.01	257838.47
	RIVERS	7	3785216	2432041.53	1.28	38732.84	1.33	2471622.71	1.12	2601278.44	0.37	98910.43	2.69	48407647.99
	SEWAGE	7	62581	17175.96	0.09	2688.08	0.00	10149.33	0.15	342737.88	0.37	100140.93	0.10	1787574.26
	TOTAL	21	3883047	2461827.15	1.44	43426.19	1.33	2496330.45	1.27	2967305.34	0.78	211342.68	2.80	50453060.72
HIGH	28 INDUSTRIAL	3	28118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	6	3910191	6583904.00	13.00	410585.00	4.00	6843137.00	6.00	12661553.00	6.00	1621753.00	2.00	42034126.00
	SEWAGE	2	68458	135944.00	1.00	32512.00	0.00	158359.00	0.00	921556.00	1.00	289865.00	0.00	3136083.00
	TOTAL	11	4006767	6729848.00	14.00	443097.00	4.00	7001496.00	6.00	13583109.00	7.00	1911618.00	2.00	45170209.00
LOW	28 INDUSTRIAL	3	28118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RIVERS	6	3910190	6560597.78	13.57	410584.99	3.84	6812205.05	5.45	12661552.43	6.03	1621686.50	2.33	41861243.59
	SEWAGE	2	68458	126940.97	1.07	32511.82	0.08	150508.35	0.40	921555.92	1.08	289865.41	0.18	3136083.64
	TOTAL	11	4006767	6687538.75	14.64	443096.81	3.72	6962713.41	5.85	13583108.35	7.11	1911551.91	2.51	44997327.23
HIGH	29 INDUSTRIAL	1	5910											
	RIVERS	8	6138718	5128607.00	3.00	96575.00	1.00	5231203.00	1.00	4971524.00	3.00	820845.00	1.00	36824147.00
	TOTAL	9	6144628	5128607.00	3.00	96575.00	1.00	5231203.00	1.00	4971524.00	3.00	820845.00	1.00	36824147.00
LOW	29 INDUSTRIAL	1	5910											
	RIVERS	8	6138719	4993787.61	3.18	95868.41	2.72	5099457.11	2.15	4971523.58	2.88	774013.50	1.98	35431085.07
	TOTAL	9	6144629	4993787.61	3.18	95868.41	2.72	5099457.11	2.15	4971523.58	2.88	774013.50	1.98	35431085.07
HIGH	30 INDUSTRIAL	1	14701											
	RIVERS	2	5309529	3795598.00	1.00	43164.00	2.00	3838158.00	0.00	0.00	0.00	158416.00	1.00	19176208.00
	TOTAL	3	5324230	3795598.00	1.00	43164.00	2.00	3838158.00	0.00	0.00	0.00	1744112.00	2.00	43555208.00
LOW	30 INDUSTRIAL	1	14701											
	RIVERS	2	5309529	3788423.95	1.42	42840.80	2.05	3830981.58	0.00	0.00	0.00	131475.38	1.03	18614525.30
	TOTAL	3	5324230	3788423.95	1.42	42840.80	2.05	3830981.58	0.00	0.00	0.00	1717169.04	2.39	42983525.30
HIGH	INDUSTRIAL	56	741870	2960340.43	5.08	190832.67	1.02	3145875.23	4.22	12853414.20	6.11	1924251.92	19.24	346182547.82
	RIVERS	127	118278229	188368782.57	64.00	2143047.00	83.00	172040101.67	66.20	181500684.08	48.00	13985281.59	65.00	1278127248.00
	SEWAGE	128	8014813	10537981.59	16.00	724368.00	4.00	12043333.28	7.91	41183391.86	30.00	11164899.72	8.00	179815273.43
	TOTAL	311	125034812	181885064.8	85.08	3058247.7	88.02	187229310.2	78.33	235517489.9	82.11	27074413.2	90.24	1804125067

PARIS COMMISSION HIGH LOAD/LOW LOAD COMPARISON BY ICES ZONE.

ICES ZONE	DISCHARGE TYPE	NO. OF SITES	FLOW CU.M/DAY	KG/YR LOAD	NO2 % ANN. LOAD	KG/YR LOAD	TON % ANN. LOAD	KG/YR LOAD	TOTALN % ANN. LOAD	KG/YR LOAD	ORTHP % ANN. LOAD	KG/YR LOAD	SPM % ANN. LOAD	KG/YR LOAD
LOW	INDUSTRIAL	56	741972	2957071.05	6.24	188692.67	1.88	3130244.61	5.40	12540497.88	7.10	1812004.49	18.23	346182327.61
	RIVERS	127	118278230	188185957.02	70.87	2138109.82	92.04	171848678.60	77.73	180608983.77	51.43	13837053.15	70.79	1272751690.07
	SEWAGE	128	6014614	10402420.38	23.04	698406.61	6.26	11732731.45	18.85	38239814.19	41.41	11139980.88	9.98	179673677.81
	TOTAL	311	125034816	181545448.45	99.95	3025211.20	99.95	186711654.67	100.06	232388395.82	99.94	26889038.52	100.00	1798807695.28

MANAGEMENT AND CONTACTS:

The Environment Agency delivers a service to its customers, with the emphasis on authority and accountability at the most local level possible. It aims to be cost-effective and efficient and to offer the best service and value for money.

Head Office is responsible for overall policy and relationships with national bodies including government.

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The 24-hour emergency hotline number
for reporting all environmental incidents
relating to air, land and water

**ENVIRONMENT AGENCY
EMERGENCY HOTLINE**

0800 80 70 60



**ENVIRONMENT
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