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ENVIRONMENT
AGENCY

memorandum

To North Sea Group Members

From Gareth Johnston

Ext. No 4683

Our Ref

Your Ref

Date: 7/8/97

Subject : 1996 Hit Lists, *Final Draft*.

Please find attached the final draft of the reports for the 1996 data. Please could you check the data thoroughly and contact us as soon as possible if you find any erroneous results.

1. Annex 1A Low Load Hit List
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Gareth Johnston
North Sea Data Officer

Encs: Report
Distribution: North Sea Group

N.R.A. Annex 1A Low Load Inputs

Determinand: MERCURY

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
1	NORTH WEST	Mersey	ICI Runcom	18000		248.99	23.07%	23.07%
2	NORTH WEST	Weaver	Frodsham Road Bridge	941054		139.87	12.96%	36.03%
3	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259		97.37	9.02%	45.05%
4	NORTH WEST	Mersey	Howley Weir	2649826		67.00	6.20%	51.26%
5	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231		53.51	4.95%	56.22%
6	NORTH WEST	Mersey	Associated Octel	8000		44.62	4.13%	60.36%
7	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681		36.92	3.42%	63.78%
8	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062		36.14	3.34%	67.13%
9	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871		34.78	3.22%	70.35%
10	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741		28.85	2.67%	73.02%
11	YORKSHIRE	AIRE	BEAL	2738464		23.11	2.14%	75.17%
12	WELSH	Dee	3-DEE-Iron Bridge	2094211		21.26	1.97%	77.14%
13	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577		15.80	1.46%	78.60%
14	NORTH WEST	Eden	Beaumont	2434269		9.59	0.88%	79.49%
15	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629		9.57	0.88%	80.38%
16	YORKSHIRE	DON	NORTH BRIDGE	746869		9.46	0.87%	81.25%
17	NORTH WEST	Mersey	Liverpool STW	202985		9.00	0.83%	82.09%
18	NORTH WEST	Irish Sea	Albright & Wilson	14000		8.99	0.83%	82.92%
19	NORTH WEST	Ribble	Samlesbury	1529658		8.36	0.77%	83.70%
20	THAMES	Thames Estuary	Crossness STW	670091		8.05	0.74%	84.44%
21	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037		7.34	0.68%	85.12%
22	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698		6.70	0.62%	85.74%
23	NORTHUMBRI	NORTH SEA	SEATON CAREW SEA	25625		6.57	0.60%	86.35%
24	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537		6.26	0.58%	86.94%
25	WESSEX	DORSET STOUR	IFORD	1071556		5.90	0.54%	87.48%
26	THAMES	Thames Estuary	Beckton STW	1121136		5.82	0.53%	88.02%
27	NORTHUMBRI	NORTH SEA -	TWEED AT NORHAM	3819344		5.49	0.50%	88.53%
28	NORTH WEST	Douglas	Wanes Blades	236274		5.47	0.50%	89.04%
29	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326		5.18	0.48%	89.52%
30	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979		5.11	0.47%	89.99%
31	NORTH WEST	Lune	Denny Bridge	1363286		4.96	0.45%	90.45%
32	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419		4.66	0.43%	90.88%
33	WELSH	Severn Estuary	74008-Severn	36255		3.70	0.34%	91.23%
34	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107		3.67	0.34%	91.57%
35	NORTH WEST	Leven	Haverthwaite	497535		3.49	0.32%	91.89%
36	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390		3.42	0.31%	92.21%
37	WELSH	Usk	40970-USK-Chain Bridge	1171037		2.87	0.26%	92.48%
38	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150		2.85	0.26%	92.74%
39	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879		2.72	0.25%	92.99%
40	NORTHUMBRI	TEES -	BSC SOUTH TEESSIDE	83994		2.67	0.24%	93.24%
41	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832		2.61	0.24%	93.48%
42	NORTH WEST	Wyre	St Michaels	314425		2.57	0.23%	93.72%
43	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727		2.45	0.22%	93.95%
44	THAMES	Thames	Thames at Teddington	2969609		2.30	0.21%	94.16%
45	NORTH WEST	Darwen	A6 Road Bridge	197844		2.17	0.20%	94.36%
46	NORTH WEST	Alt	Altmouth PS	159597		2.13	0.19%	94.56%
47	WELSH	Tywi	31601-TYWI-Nantgaredig	3020679		2.07	0.19%	94.75%
48	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126		2.07	0.19%	94.94%
49	NORTH WEST	Mersey	Warrington STW	63540		1.95	0.18%	95.13%
50	THAMES	Thames-Lee	Lee at Carpenters Rd	369594		1.85	0.17%	95.30%
51	THAMES	Thames Estuary	Mogden STW	437533		1.75	0.16%	95.46%
52	YORKSHIRE	HUMBER	HULL WEST STW	65262		1.73	0.16%	95.62%

N.R.A. Annex 1A Low Load Inputs

Determinand: MERCURY

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
53	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	1.65	0.15%	95.78%	80.00%
54	NORTH WEST	Wyre	ICI Hillhouse - Main	2737	1.64	0.15%	95.93%	0.00%
55	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	1.58	0.14%	96.07%	0.00%
56	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	1.51	0.14%	96.21%	0.00%
57	NORTH WEST	Sankey	Widnes STW	36112	1.25	0.11%	96.33%	0.00%
58	YORKSHIRE	NORTH SEA	RUSWARP	341199	1.21	0.11%	96.44%	81.25%
59	NORTHUMBRI	NORTH SEA	NCB LYNEMOUTH COAL	8640	1.17	0.10%	96.55%	50.00%
60	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	1.14	0.10%	96.66%	0.00%
61	THAMES	Thames Estuary	Long Reach STW	191855	1.14	0.10%	96.76%	58.33%
62	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	1.07	0.09%	96.86%	0.00%
63	ANGLIAN	Humber	COURTAULDS	19152	1.00	0.09%	96.96%	0.00%
64	NORTHUMBRI	NORTH SEA -	COQUET AT	550338	1.00	0.09%	97.05%	87.50%
65	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	0.96	0.08%	97.14%	5.88%
66	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	0.95	0.08%	97.23%	0.00%
67	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	0.93	0.08%	97.31%	75.00%
68	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	0.93	0.08%	97.40%	50.00%
69	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	0.92	0.08%	97.49%	8.33%
70	NORTH WEST	Kent	Sedgewick	543354	0.90	0.08%	97.57%	75.00%
71	WESSEX	ENGLISH	WEST BAY O/FALL	13058	0.89	0.08%	97.65%	0.00%
72	NORTHUMBRI	NORTH SEA -	BSC REDCAR	1692	0.87	0.08%	97.73%	0.00%
73	SOUTH WEST	AVON ESTUARY	R.AVON @ HATCH (HM	230383	0.87	0.08%	97.81%	80.00%
74	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	0.85	0.07%	97.89%	75.00%
75	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	0.84	0.07%	97.97%	92.86%
76	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	0.79	0.07%	98.05%	81.82%
77	WELSH	Usk	43014-Usk-BS Llanwern	94496	0.77	0.07%	98.12%	25.00%
78	SOUTH WEST	OUTER BRISTOL	CAMBORNE (NORTH	4256	0.72	0.06%	98.18%	0.00%
79	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	0.67	0.06%	98.25%	83.33%
80	WESSEX	DORSET FROME	HOLME BRIDGE	438163	0.62	0.05%	98.30%	85.71%
81	ANGLIAN	Wash	CONOCO GAS	464	0.61	0.05%	98.36%	0.00%
82	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	0.59	0.05%	98.42%	0.00%
83	WESSEX	RIVER PIDDLE	WEST MILLS	194177	0.59	0.05%	98.47%	53.85%
84	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	0.59	0.05%	98.53%	53.85%
85	NORTHUMBRI	TEES -	ICI BILLINGHAM	11006	0.57	0.05%	98.58%	63.64%
86	NORTHUMBRI	TEES -	ICI BILLINGHAM	1606	0.56	0.05%	98.63%	15.38%
87	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	0.55	0.05%	98.68%	25.00%
88	NORTH WEST	Ribble	Preston STW	71026	0.54	0.05%	98.73%	30.77%
89	WELSH	Dyfi	20001-DYFI-A487 Road	1669528	0.54	0.05%	98.78%	91.67%
90	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	0.52	0.04%	98.83%	94.12%
91	ANGLIAN	Yarmouth-Yare	NORWICH	59586	0.52	0.04%	98.88%	66.67%
92	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	0.52	0.04%	98.93%	25.00%
93	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	0.45	0.04%	98.97%	84.62%
94	NORTHUMBRI	NORTH SEA -	BASF 5 FINAL EFF AN6	4302	0.44	0.04%	99.01%	41.67%
95	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	0.42	0.03%	99.05%	12.50%
96	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	0.41	0.03%	99.09%	52.94%
97	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	0.41	0.03%	99.13%	71.43%
98	WELSH	Usk	45360-Usk-Ponthir STW	39543	0.40	0.03%	99.17%	0.00%
99	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	0.38	0.03%	99.20%	50.00%
100	THAMES	Thames-Beverley	Worcester Park STW	32804	0.38	0.03%	99.24%	50.00%
101	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	0.37	0.03%	99.27%	0.00%
102	YORKSHIRE	OUSE	NABURN LOCK	277669	0.37	0.03%	99.31%	86.21%
103	THAMES	Thames-Wandle	Beddington STW	68920	0.37	0.03%	99.34%	91.67%
104	NORTH WEST	Derwent	Workington	2101432	0.35	0.03%	99.37%	91.67%

N.R.A. Annex 1A Low Load Inputs

Determinand: MERCURY

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
105	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209		0.34	0.03%	99.41%
106	ANGLIAN	Humber	PYEWIPE PUMPING	15920		0.32	0.03%	99.44%
107	NORTHUMBRI	NORTH SEA	WARREN HOUSE	5000		0.31	0.02%	99.46%
108	SOUTH WEST	LYME	SHARKHAM POINT	10137		0.30	0.02%	99.49%
109	YORKSHIRE	HULL	HEMPHOLME LOCK	170458		0.30	0.02%	99.52%
110	NORTH WEST	Mersey	Halewood STW	9299		0.30	0.02%	99.55%
111	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992		0.28	0.02%	99.58%
112	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905		0.28	0.02%	99.60%
113	THAMES	Thames Estuary	Riverside STW	92504		0.27	0.02%	99.63%
114	WESSEX	RIVER TONE	KNAPP BRIDGE	194386		0.25	0.02%	99.65%
115	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722		0.23	0.02%	99.67%
116	WELSH	Ogmore	78221-Ogmore-Penybont	62168		0.22	0.02%	99.69%
117	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618		0.21	0.01%	99.71%
118	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159		0.19	0.01%	99.73%
119	YORKSHIRE	HUMBER	HULL EAST STW	45026		0.18	0.01%	99.75%
120	ANGLIAN	Humber	Newton Marsh STW F/E	18634		0.18	0.01%	99.77%
121	NORTHUMBRI	NORTH SEA	NEWBIGGIN SEA	10634		0.16	0.01%	99.78%
122	THAMES	Thames Estuary	Kew STW	33700		0.15	0.01%	99.80%
123	ANGLIAN	Humber	HYDRO FERTILISERS	7564		0.15	0.01%	99.81%
124	YORKSHIRE	WHARFE	TADCASTER WEIR	705741		0.14	0.01%	99.82%
125	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612		0.14	0.01%	99.84%
126	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491		0.13	0.01%	99.85%
127	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829		0.12	0.01%	99.86%
128	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917		0.12	0.01%	99.87%
129	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760		0.12	0.01%	99.88%
130	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292		0.11	0.01%	99.90%
131	NORTHUMBRI	NORTH SEA -	WANSBECK AT	126534		0.10	0.01%	99.91%
132	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315		0.09	0.00%	99.91%
133	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319		0.08	0.00%	99.92%
134	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440		0.08	0.00%	99.93%
135	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677		0.07	0.00%	99.94%
136	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625		0.06	0.00%	99.94%
137	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960		0.06	0.00%	99.95%
138	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316		0.05	0.00%	99.95%
139	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102		0.05	0.00%	99.96%
140	NORTHUMBRI	TEES -	ICI BILLINGHAM	1735		0.04	0.00%	99.96%
141	SOUTH WEST	RIVER FAL	TREGONEY	126671		0.04	0.00%	99.97%
142	NORTHUMBRI	NORTH SEA -	WASHINGTON	20895		0.03	0.00%	99.97%
143	SOUTH WEST	TEIGN ESTUARY	TEIGNMOUTH LONG SEA	22825		0.03	0.00%	99.97%
144	SOUTH WEST	ST.AUSTELL	PAR STW	7205		0.03	0.00%	99.98%
145	ANGLIAN	Wash-Welland	SPALDING FINAL SED	7961		0.03	0.00%	99.98%
146	NORTHUMBRI	NORTH SEA	SYNPAC CHEMICALS	2183		0.02	0.00%	99.98%
147	ANGLIAN	Wash-Nene	WISBECH STW	13936		0.02	0.00%	99.98%
148	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593		0.02	0.00%	99.99%
149	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629		0.02	0.00%	99.99%
150	ANGLIAN	Wash-Nene	FLAG FEN STW	16735		0.01	0.00%	99.99%
151	NORTHUMBRI	NORTH SEA	BRUS HARTLEPOOL O/F	8300		0.01	0.00%	99.99%
152	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720		0.01	0.00%	99.99%
153	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43		0.01	0.00%	99.99%
154	YORKSHIRE	HUMBER	GOOLE STW	3862		0.00	0.00%	99.99%
155	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118		0.00	0.00%	99.99%
156	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771		0.00	0.00%	99.99%

Determinand: MERCURYPage: 4

N.R.A. Annex 1A Low Load Inputs

Determinand: CADMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD		% of Detect	
					m3/day	Kg/year	% Total	% Acc
1	NORTH WEST	Irish Sea	Albright & Wilson	14000		3169.99	50.77%	50.77%
2	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259		464.97	7.44%	58.22%
3	YORKSHIRE	AIRE	BEAL	2738464		381.02	6.10%	64.32%
4	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150		150.11	2.40%	66.73%
5	NORTH WEST	Mersey	Howley Weir	2649826		132.18	2.11%	68.84%
6	WELSH	Ystwyth	82002-YSTWYTH-Rhydyfe	444226		112.97	1.80%	70.65%
7	WELSH	Tawe	30001-TAWE-Morrison	817398		102.54	1.64%	72.30%
8	WELSH	Tawe	30006-NANT-Y-FENDROD	44855		83.74	1.34%	73.64%
9	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231		77.48	1.24%	74.88%
10	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519		76.73	1.22%	76.11%
11	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629		73.39	1.17%	77.28%
12	WELSH	Ebbw	40430-EBBW	544668		66.49	1.06%	78.35%
13	NORTH WEST	Ribble	Samlesbury	1529658		62.41	0.99%	79.35%
14	WELSH	Conwy	25003-Nant Gwydyr-B5106	9640		56.96	0.91%	80.26%
15	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713		55.69	0.89%	81.15%
16	YORKSHIRE	DON	NORTH BRIDGE	746869		53.56	0.85%	82.01%
17	NORTH WEST	Derwent	Workington	2101432		53.19	0.85%	82.86%
18	WELSH	Irish sea	27844-Afon Goch	33459		46.66	0.74%	83.61%
19	NORTH WEST	Mersey	Liverpool STW	202985		42.73	0.68%	84.29%
20	NORTH WEST	Weaver	Frodsham Road Bridge	941054		41.85	0.67%	84.96%
21	WELSH	Ystwyth	35201-RHEIDOL-Penybont	411865		38.95	0.62%	85.59%
22	WELSH	Dee	3-DEE-Iron Bridge	2094211		34.40	0.55%	86.14%
23	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871		32.37	0.51%	86.66%
24	THAMES	Thames-Lee	Lee at Carpenters Rd	369594		31.93	0.51%	87.17%
25	NORTHUMBRI	NORTH SEA -	BASF 5 FINAL EFF AN6	4302		30.35	0.48%	87.66%
26	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037		30.33	0.48%	88.14%
27	WELSH	Severn Estuary	74008-Severn	36255		28.76	0.46%	88.60%
28	WELSH	Dyfi	20001-DYFI-A487 Road	1669528		28.63	0.45%	89.06%
29	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681		27.71	0.44%	89.50%
30	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062		27.51	0.44%	89.95%
31	NORTHUMBRI	TEES -	BSC SOUTH TEESIDE	83994		25.62	0.41%	90.36%
32	THAMES	Thames Estuary	Beckton STW	1121136		24.39	0.39%	90.75%
33	THAMES	Thames Estuary	Crossness STW	670091		20.62	0.33%	91.08%
34	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326		20.45	0.32%	91.40%
35	WELSH	Severn Estuary	16062-Severn	46476		20.32	0.32%	91.73%
36	SOUTHERN	The	Eastney O/F	69211		18.34	0.29%	92.02%
37	NORTH WEST	Alt	Altmouth PS	159597		17.73	0.28%	92.31%
38	NORTHUMBRI	NORTH SEA	SEATON CAREW SEA	25625		17.69	0.28%	92.59%
39	NORTH WEST	Sankey	Widnes STW	36112		17.28	0.27%	92.87%
40	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092		17.06	0.27%	93.14%
41	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131		15.68	0.25%	93.39%
42	WELSH	Swansea Bay	30365-Swansea	100530		15.66	0.25%	93.64%
43	NORTH WEST	Eden	Beaumont	2434269		14.92	0.23%	93.88%
44	SOUTHERN	English Channel	Brighton Portobello O/F	58752		13.98	0.22%	94.11%
45	NORTHUMBRI	NORTH SEA	NCB LYNE MOUTH COAL	8640		13.83	0.22%	94.33%
46	YORKSHIRE	HUMBER	HULL WEST STW	65262		13.04	0.20%	94.54%
47	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359		12.72	0.20%	94.74%
48	SEVERN-TRE	R.IDLE	AT BAWTRY	190198		12.71	0.20%	94.94%
49	YORKSHIRE	HUMBER	HULL EAST STW	45026		11.70	0.18%	95.13%
50	YORKSHIRE	HULL	HEMPHOLME LOCK	170458		11.24	0.18%	95.31%
51	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537		10.89	0.17%	95.49%
52	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727		10.56	0.16%	95.66%

N.R.A. Annex 1A Low Load Inputs

Determinand: CADMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
53	ANGLIAN	Wash	CONOCO GAS	464	10.22	0.16%	95.82%	9.09%
54	NORTH WEST	Wyre	St Micheals	314425	10.17	0.16%	95.88%	18.18%
55	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	9.83	0.15%	96.14%	0.00%
56	NORTH WEST	Ribble	Preston STW	71026	9.71	0.15%	96.30%	14.29%
57	WELSH	Severn Estuary	68821-Severn	73197	9.54	0.15%	96.45%	9.09%
58	NORTH WEST	Douglas	Wanes Blades	236274	9.37	0.15%	96.60%	9.52%
59	THAMES	Thames Estuary	Mogden STW	437533	9.16	0.14%	96.75%	58.33%
60	NORTH WEST	Darwen	A6 Road Bridge	197844	8.30	0.13%	96.88%	14.29%
61	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	7.97	0.12%	97.01%	70.59%
62	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	7.96	0.12%	97.13%	0.00%
63	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	7.35	0.11%	97.25%	33.33%
64	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	6.74	0.10%	97.36%	0.00%
65	THAMES	Thames	Thames at Teddington	2969609	6.61	0.10%	97.47%	83.33%
66	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	6.59	0.10%	97.57%	50.00%
67	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	6.52	0.10%	97.68%	0.00%
68	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	6.00	0.09%	97.77%	0.00%
69	NORTHUMBRI	NORTH SEA	NEWBIGGIN SEA	10634	5.67	0.09%	97.86%	8.33%
70	YORKSHIRE	NORTH SEA	RUSWARP	341189	5.66	0.09%	97.95%	86.67%
71	WELSH	Cleddau	32803-W	348455	5.20	0.08%	98.04%	91.67%
72	NORTH WEST	Mersey	Warrington STW	63540	5.04	0.08%	98.12%	0.00%
73	THAMES	Thames Estuary	Long Reach STW	191855	4.97	0.07%	98.20%	66.67%
74	SOUTHERN	English Channel	Portslade O/F	56420	4.74	0.07%	98.27%	0.00%
75	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	4.70	0.07%	98.35%	94.44%
76	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	4.20	0.06%	98.42%	8.33%
77	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435	4.17	0.06%	98.48%	91.67%
78	YORKSHIRE	OUSE	NABURN LOCK	277669	4.11	0.06%	98.55%	74.58%
79	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	4.06	0.06%	98.61%	0.00%
80	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	4.06	0.06%	98.68%	5.56%
81	NORTHUMBRI	NORTH SEA	CAMBOIS/BEDLINGTON	6859	3.70	0.05%	98.74%	0.00%
82	SOUTHERN	English Channel	Margate O/F	19893	3.62	0.05%	98.80%	0.00%
83	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	3.06	0.04%	98.85%	16.67%
84	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	2.91	0.04%	98.89%	0.00%
85	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	2.87	0.04%	98.94%	25.00%
86	NORTH WEST	Kent	Sedgewick	543354	2.87	0.04%	98.98%	25.00%
87	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	2.81	0.04%	99.03%	14.29%
88	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	2.73	0.04%	99.07%	33.33%
89	NORTHUMBRI	NORTH SEA	WARREN HOUSE	5000	2.58	0.04%	99.11%	0.00%
90	WELSH	Severn Estuary	42053-Severn	55863	2.52	0.04%	99.15%	25.00%
91	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	2.40	0.03%	99.19%	0.00%
92	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	2.33	0.03%	99.23%	92.86%
93	WESSEX	RIVER PIDDLE	WEST MILLS	194177	2.33	0.03%	99.27%	0.00%
94	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	2.27	0.03%	99.30%	25.00%
95	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	1.94	0.03%	99.34%	0.00%
96	ANGLIAN	North Sea	CLACTON SCREENED	17734	1.91	0.03%	99.37%	33.33%
97	WELSH	Usk	43014-Usk-BS Llanwern	94496	1.90	0.03%	99.40%	50.00%
98	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	1.87	0.03%	99.43%	26.09%
99	YORKSHIRE	HUMBER	SELBY STW	6000	1.86	0.02%	99.46%	8.33%
100	NORTHUMBRI	NORTH SEA -	COOKSONS INDUSTRIAL	63	1.81	0.02%	99.49%	0.00%
101	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	1.69	0.02%	99.51%	0.00%
102	YORKSHIRE	HUMBER	BEVERLEY STW	11393	1.67	0.02%	99.54%	0.00%
103	SOUTHERN	English Channel	Seaford O/F	7992	1.53	0.02%	99.56%	0.00%
104	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	1.42	0.02%	99.59%	0.00%

Determinand: CADMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
				m3/day	Kg/year	% Total	% Acc	Limits
105	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	1.35	0.02%	99.61%	0.00%
106	SOUTHERN	English Channel	Hastings Combe Haven	8137	1.30	0.02%	99.63%	0.00%
107	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	1.26	0.02%	99.65%	20.00%
108	NORTHUMBRI	NORTH SEA	BRUS HARTLEPOOL O/F	8300	1.22	0.01%	99.67%	8.33%
109	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	1.18	0.01%	99.69%	50.00%
110	THAMES	Thames Estuary	Riverside STW	92504	1.13	0.01%	99.71%	81.82%
111	ANGLIAN	Yarmouth-Yare	NORWICH	59586	1.10	0.01%	99.72%	50.00%
112	ANGLIAN	Humber	PYEWIPE PUMPING	15920	1.10	0.01%	99.74%	28.57%
113	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	1.08	0.01%	99.76%	50.00%
114	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	1.04	0.01%	99.78%	15.79%
115	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	1.01	0.01%	99.79%	0.00%
116	ANGLIAN	Colne/Blackwater	COLCHESTER	24742	0.93	0.01%	99.81%	57.14%
117	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	0.93	0.01%	99.82%	50.00%
118	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	0.87	0.01%	99.84%	25.00%
119	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	0.78	0.01%	99.85%	12.50%
120	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	0.76	0.01%	99.86%	44.44%
121	YORKSHIRE	HUMBER	GOOLE STW	3862	0.65	0.01%	99.87%	0.00%
122	NORTHUMBRI	NORTH SEA	SYNPAC CHEMICALS	2183	0.63	0.01%	99.88%	8.33%
123	WELSH	Loughor	100357-Loughor-Llanelli	14515	0.58	0.00%	99.89%	40.00%
124	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316	0.57	0.00%	99.90%	42.86%
125	THAMES	Thames-Wandle	Beddington STW	68920	0.57	0.00%	99.91%	75.00%
126	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	0.56	0.00%	99.92%	25.00%
127	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	0.44	0.00%	99.93%	75.00%
128	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	0.44	0.00%	99.93%	25.00%
129	NORTH WEST	Mersey	Halewood STW	9299	0.41	0.00%	99.94%	16.67%
130	ANGLIAN	Wash-Nene	WISBECH STW	13936	0.40	0.00%	99.95%	50.00%
131	NORTHUMBRI	NORTH SEA -	BSC REDCAR	1692	0.38	0.00%	99.95%	0.00%
132	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	0.29	0.00%	99.96%	0.00%
133	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	0.25	0.00%	99.96%	60.00%
134	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	0.24	0.00%	99.96%	20.00%
135	NORTH WEST	Leven	Haverthwaite	497535	0.23	0.00%	99.97%	75.00%
136	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960	0.19	0.00%	99.97%	75.00%
137	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	0.18	0.00%	99.97%	33.33%
138	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43	0.18	0.00%	99.98%	0.00%
139	NORTHUMBRI	TEES -	ICI BILLINGHAM	1606	0.17	0.00%	99.98%	23.08%
140	ANGLIAN	Humber	HYDRO FERTILISERS	7564	0.17	0.00%	99.98%	78.95%
141	NORTHUMBRI	TEES -	ICI BILLINGHAM	11006	0.16	0.00%	99.98%	84.62%
142	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	0.14	0.00%	99.99%	97.06%
143	ANGLIAN	Humber	LOUTH FINAL SED TANK	6307	0.09	0.00%	99.99%	50.00%
144	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319	0.09	0.00%	99.99%	42.86%
145	ANGLIAN	Humber	Newton Marsh STW F/E	18634	0.08	0.00%	99.99%	28.57%
146	ANGLIAN	Wash-Welland	R.GLEN SURFLEET A16	20538	0.08	0.00%	99.99%	25.00%
147	YORKSHIRE	HUMBER	CRODA, GOOLE	556	0.05	0.00%	99.99%	14.29%
148	NORTHUMBRI	TEES -	ICI BILLINGHAM	1735	0.05	0.00%	99.99%	46.15%
149	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	0.00	0.00%	100.00%	6.25%
150	NORTHUMBRI	NORTH SEA -	CHEMSON LTD	75	0.00	0.00%	100.00%	75.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: COPPER

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
1	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	19272.42	7.29%	7.29%	0.00%
2	YORKSHIRE	AIRE	BEAL	2738464	14296.28	5.41%	12.71%	0.00%
3	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	12552.12	4.75%	17.46%	0.00%
4	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	10677.05	4.04%	21.51%	0.00%
5	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	9367.21	3.54%	25.06%	0.00%
6	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	8937.12	3.38%	28.44%	0.00%
7	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062	8468.24	3.20%	31.65%	0.00%
8	WELSH	Irish sea	27844-Afon Goch	33459	7908.65	2.99%	34.64%	0.00%
9	NORTH WEST	Mersey	Howley Weir	2649826	7684.33	2.91%	37.55%	0.00%
10	THAMES	Thames	Thames at Teddington	2969609	5719.89	2.16%	39.72%	0.00%
11	NORTHUMBRI	NORTH SEA	SEATON CAREW SEA	25625	4637.58	1.75%	41.48%	0.00%
12	NORTH WEST	Irish Sea	Albright & Wilson	14000	4179.99	1.58%	43.06%	0.00%
13	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	4151.02	1.57%	44.63%	0.00%
14	THAMES	Thames Estuary	Beckton STW	1121136	3997.44	1.51%	46.15%	0.00%
15	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	3851.22	1.45%	47.61%	30.43%
16	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	3844.24	1.45%	49.06%	0.00%
17	SOUTHERN	English Channel	Portslade O/F	56420	3742.52	1.41%	50.48%	0.00%
18	NORTHUMBRI	NORTH SEA -	TWEED AT NORHAM	3818344	3695.58	1.39%	51.88%	0.00%
19	NORTH WEST	Mersey	Liverpool STW	202985	3569.93	1.35%	53.23%	0.00%
20	SOUTHERN	English Channel	Brighton Portobello O/F	58752	3282.78	1.24%	54.47%	0.00%
21	THAMES	Thames Estuary	Mogden STW	437533	3003.53	1.13%	55.61%	0.00%
22	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	2894.85	1.09%	56.71%	0.00%
23	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	2836.79	1.07%	57.78%	0.00%
24	ANGLIAN	North Sea	CLACTON SCREENED	17734	2696.64	1.02%	58.80%	0.00%
25	NORTH WEST	Ribble	Samlesbury	1529658	2632.19	0.99%	59.80%	0.00%
26	SOUTHERN	The	Eastney O/F	69211	2568.53	0.97%	60.77%	0.00%
27	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	2531.99	0.95%	61.73%	8.33%
28	YORKSHIRE	DON	NORTH BRIDGE	746869	2468.91	0.93%	62.67%	0.00%
29	NORTH WEST	Weaver	Frodsham Road Bridge	941054	2367.69	0.89%	63.56%	0.00%
30	THAMES	Thames Estuary	Crossness STW	670091	2064.34	0.78%	64.35%	0.00%
31	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	1955.18	0.74%	65.09%	0.00%
32	YORKSHIRE	HUMBER	HULL WEST STW	65262	1950.70	0.73%	65.83%	0.00%
33	NORTH WEST	Eden	Beaumont	2434269	1796.77	0.68%	66.51%	0.00%
34	NORTH WEST	Darwen	A8 Road Bridge	197844	1788.78	0.67%	67.18%	0.00%
35	WESSEX	DORSET STOUR	IFORD	1071556	1701.15	0.64%	67.83%	0.00%
36	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491	1698.93	0.64%	68.47%	0.00%
37	NORTH WEST	Douglas	Wanes Blades	236274	1683.76	0.63%	69.11%	0.00%
38	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	1597.08	0.60%	69.71%	0.00%
39	WELSH	Irish sea	27843-Afon Goch-Octel	5833	1581.24	0.59%	70.31%	0.00%
40	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	1564.57	0.59%	70.91%	5.88%
41	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	1539.38	0.58%	71.48%	25.00%
42	THAMES	Thames Estuary	Long Reach STW	191855	1535.78	0.58%	72.07%	0.00%
43	SOUTHERN	Medway-Bartlett	Motney Hill STW	36782	1505.19	0.57%	72.64%	0.00%
44	SOUTH WEST	ST. IVES BAY,	ST ERTH	62064	1477.03	0.55%	73.20%	0.00%
45	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	1468.30	0.55%	73.76%	0.00%
46	WELSH	Tawe	30001-TAWE-Morrison	817398	1364.49	0.51%	74.27%	11.54%
47	NORTH WEST	Derwent	Workington	2101432	1358.81	0.51%	74.79%	0.00%
48	NORTH WEST	Ah	Altmouth PS	159597	1300.93	0.49%	75.28%	0.00%
49	YORKSHIRE	HUMBER	HULL EAST STW	45026	1291.62	0.48%	75.77%	0.00%
50	NORTH WEST	Sankay	Widnes STW	38112	1247.92	0.47%	76.24%	0.00%
51	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829	1170.74	0.44%	76.69%	0.00%
52	NORTHUMBRI	NORTH SEA	NCB LYNE MOUTH COAL	8640	1156.78	0.43%	77.12%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: COPPER

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
53	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	1149.59	0.43%	77.56%	0.00%
54	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	1116.53	0.42%	77.98%	0.00%
55	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	1112.20	0.42%	78.40%	0.00%
56	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	1093.70	0.41%	78.82%	0.00%
57	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	1081.38	0.40%	79.23%	0.00%
58	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	1047.16	0.39%	79.62%	0.00%
59	NORTHUMBRI	TEES -	BSC SOUTH TEESIDE	83994	1025.54	0.38%	80.01%	0.00%
60	NORTH WEST	Mersey	Warrington STW	63540	1022.56	0.38%	80.40%	0.00%
61	WELSH	Dee	3-DEE-Iron Bridge	2094211	995.70	0.37%	80.78%	34.78%
62	SOUTH WEST	TAVY ESTUARY	LOPWELL DAM	485000	972.27	0.36%	81.14%	0.00%
63	SOUTH WEST	FOWEY ESTUARY	RESTORMEL	559015	969.38	0.36%	81.51%	0.00%
64	WELSH	Dyfi	20001-DYFI-A487 Road	1669528	951.24	0.36%	81.87%	25.00%
65	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	941.89	0.35%	82.23%	0.00%
66	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058	913.34	0.34%	82.57%	0.00%
67	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	899.86	0.34%	82.92%	0.00%
68	WELSH	Taff	17001-TAFF-Blackweir RS	998654	892.84	0.33%	83.25%	0.00%
69	SOUTH WEST	ST. AUSTELL BAY,	ST BLAZEY BRIDGE	193152	866.14	0.32%	83.58%	0.00%
70	SOUTHERN	English Channel	Eastbourne Langney Point	31452	859.61	0.32%	83.91%	0.00%
71	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583	850.11	0.32%	84.23%	0.00%
72	WELSH	Neath	10004-NEATH-500m	754045	848.30	0.32%	84.55%	0.00%
73	WELSH	Conwy	25001-CONWY-Cwm	1483588	840.54	0.31%	84.87%	83.33%
74	WELSH	Severn Estuary	68821-Severn	73197	821.70	0.31%	85.18%	0.00%
75	WESSEX	DORSET FROME	HOLME BRIDGE	438163	798.71	0.30%	85.48%	0.00%
76	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	786.30	0.29%	85.78%	0.00%
77	NORTH WEST	Lune	Denny Bridge	1363286	758.08	0.28%	86.07%	0.00%
78	SOUTH WEST	CAMEL ESTUARY	GROGLEY HALT	632267	754.29	0.28%	86.35%	0.00%
79	WELSH	Mawddach	20003-Mawddach-Ty'n y	418034	749.65	0.28%	86.64%	0.00%
80	WELSH	Ebbw	40430-EBBW	544668	733.77	0.27%	86.92%	33.33%
81	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	730.06	0.27%	87.19%	8.82%
82	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	713.25	0.27%	87.46%	0.00%
83	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	696.80	0.26%	87.73%	0.00%
84	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	691.15	0.26%	87.99%	0.00%
85	WELSH	Dwyrdd	22503-GLASLYN-Pont	578304	668.13	0.25%	88.24%	0.00%
86	NORTH WEST	Wyre	St Michaels	314425	658.59	0.24%	88.49%	0.00%
87	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	648.35	0.24%	88.74%	0.00%
88	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	637.74	0.24%	88.98%	0.00%
89	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	635.01	0.24%	89.22%	0.00%
90	WESSEX	ENGLISH	WEST BAY O/FALL	13058	626.96	0.23%	89.46%	0.00%
91	WELSH	Telfi	34401-Telfi-Llechryd Road	2240544	612.21	0.23%	89.69%	66.67%
92	NORTHUMBRI	NORTH SEA	CAMBOIS/BEDLINGTON	6859	586.01	0.22%	89.91%	0.00%
93	SOUTHERN	Arun-Rother (West)	Hardham	310079	559.40	0.21%	90.12%	0.00%
94	WELSH	Rhymney	18001-RHYMNEY-AI	551424	559.27	0.21%	90.33%	33.33%
95	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	553.28	0.20%	90.54%	0.00%
96	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	532.21	0.20%	90.74%	0.00%
97	WELSH	Severn Estuary	16062-Severn	46476	510.76	0.19%	90.94%	0.00%
98	SOUTHERN	English Channel	Seaford O/F	7992	494.17	0.18%	91.12%	0.00%
99	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	473.95	0.17%	91.30%	0.00%
100	SOUTHERN	The	Budds Farm STW	46321	468.50	0.17%	91.48%	0.00%
101	WELSH	Severn Estuary	19003-Severn	40960	461.48	0.17%	91.66%	0.00%
102	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	458.08	0.17%	91.83%	0.00%
103	NORTHUMBRI	NORTH SEA -	COQUET AT	550338	456.39	0.17%	92.00%	25.00%
104	WELSH	Swansea Bay	30365-Swansea	100530	449.96	0.17%	92.17%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: COPPER

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
105	SOUTHERN	North Sea-The	Swalecliffe O/F	7704	443.46	0.16%	92.34%	0.00%
106	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	436.83	0.16%	92.51%	0.00%
107	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	431.53	0.16%	92.67%	0.00%
108	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	430.39	0.16%	92.83%	0.00%
109	NORTHUMBRI	NORTH SEA	NEWBIGGIN SEA	10634	428.80	0.16%	93.00%	0.00%
110	SOUTHERN	English Channel	Folkestone Copt Point O/F	14409	423.80	0.16%	93.16%	0.00%
111	SOUTHERN	English Channel	Dover O/F	14070	409.51	0.15%	93.31%	0.00%
112	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	385.65	0.14%	93.46%	0.00%
113	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	380.81	0.14%	93.60%	0.00%
114	ANGLIAN	Stour Estuary	R.STOUR: LANGHAM	179144	375.84	0.14%	93.74%	0.00%
115	SOUTHERN	English Channel	Hastings Combe Haven	8137	374.50	0.14%	93.89%	0.00%
116	YORKSHIRE	OUSE	NABURN LOCK	277669	357.69	0.13%	94.02%	0.00%
117	ANGLIAN	Yarmouth-Yare	NORWICH	59586	331.98	0.12%	94.15%	0.00%
118	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	328.64	0.12%	94.27%	0.00%
119	WELSH	Severn Estuary	42053-Severn	55863	326.70	0.12%	94.40%	0.00%
120	YORKSHIRE	NORTH SEA	RUSWARP	341199	325.54	0.12%	94.52%	0.00%
121	WELSH	Ely	16001-ELY-U/s St. Fagans	225855	322.00	0.12%	94.64%	0.00%
122	NORTH WEST	Ribble	Preston STW	71026	303.39	0.11%	94.76%	0.00%
123	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	303.20	0.11%	94.87%	0.00%
124	SOUTH WEST	AVON ESTUARY	R.AVON @ HATCH (HM	230383	297.97	0.11%	94.98%	0.00%
125	WELSH	Severn Estuary	42043-Severn	76143	295.81	0.11%	95.10%	0.00%
126	WELSH	Usk	40130-LWYD-Ponthir Weir	263140	294.40	0.11%	95.21%	33.33%
127	WELSH	Afan	74046-Afan-Afan Pumping	67219	292.63	0.11%	95.32%	0.00%
128	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9128	280.50	0.10%	95.42%	0.00%
129	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	280.24	0.10%	95.53%	0.00%
130	SOUTH WEST	RIVER FAL	TREGONEY	126671	278.94	0.10%	95.64%	0.00%
131	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	278.24	0.10%	95.74%	0.00%
132	NORTH WEST	Kent	Sedgewick	543354	272.78	0.10%	95.84%	0.00%
133	SOUTHERN	English Channel	Broadstairs O/F	4887	270.51	0.10%	95.95%	0.00%
134	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	264.85	0.10%	96.05%	0.00%
135	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	264.33	0.10%	96.15%	0.00%
136	WELSH	Ogmore	13001-Ogmore-Dipping	488065	246.96	0.09%	96.24%	50.00%
137	WELSH	Cadoxton	15001-Cadoxton-Bendricks	31204	238.45	0.09%	96.33%	0.00%
138	WELSH	Swansea Bay	110809-Swansea	27181	232.68	0.08%	96.42%	0.00%
139	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	229.44	0.08%	96.51%	0.00%
140	WELSH	Usk	45360-Usk-Ponthir STW	39543	224.94	0.08%	96.59%	0.00%
141	THAMES	Thames-Wandle	Beddington STW	68920	222.48	0.08%	96.68%	0.00%
142	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	220.24	0.08%	96.76%	0.00%
143	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435	219.80	0.08%	96.84%	16.67%
144	YORKSHIRE	HUMBER	BEVERLEY STW	11393	218.46	0.08%	96.92%	0.00%
145	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	218.02	0.08%	97.01%	0.00%
146	NORTH WEST	Leven	Haverthwaite	497535	216.28	0.08%	97.09%	0.00%
147	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	213.57	0.08%	97.17%	0.00%
148	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	212.10	0.08%	97.25%	0.00%
149	THAMES	Thames Estuary	Riverside STW	92504	211.95	0.08%	97.33%	0.00%
150	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	207.16	0.07%	97.41%	0.00%
151	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	203.27	0.07%	97.49%	0.00%
152	ANGLIAN	Humber	PYEWIPE PUMPING	15920	201.34	0.07%	97.56%	0.00%
153	WELSH	Cleddau	32803-W	348455	198.12	0.07%	97.64%	75.00%
154	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	195.71	0.07%	97.71%	5.26%
155	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	195.19	0.07%	97.78%	0.00%
156	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	180.53	0.06%	97.85%	5.26%

N.R.A. Annex 1A Low Load Inputs

Determinand: COPPER

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD		% of Detect	
					Kg/year	% Total	% Acc	Limits
157	WELSH	Severn Estuary	74008-Severn	36255	173.74	0.06%	97.92%	0.00%
158	WELSH	Loughor	30874-Dafen-D/s Halfway	16649	167.14	0.06%	97.98%	0.00%
159	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	164.68	0.06%	98.05%	11.76%
160	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	162.89	0.06%	98.11%	0.00%
161	NORTH WEST	Mersey	Halewood STW	9299	162.84	0.06%	98.17%	0.00%
162	NORTHUMBRI	NORTH SEA	WARREN HOUSE	5000	161.08	0.06%	98.23%	0.00%
163	NORTHUMBRI	NORTH SEA	BRUS HARTLEPOOL O/F	8300	149.75	0.05%	98.29%	0.00%
164	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	149.58	0.05%	98.34%	0.00%
165	WELSH	Tawe	30006-NANT-Y-FENDROD	44855	149.33	0.05%	98.40%	0.00%
166	THAMES	Thames-Beverley	Worcester Park STW	32804	146.25	0.05%	98.46%	0.00%
167	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	144.69	0.05%	98.51%	0.00%
168	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	142.33	0.05%	98.56%	0.00%
169	WELSH	Swansea Bay	74593-Swansea Bay-BP	15984	131.67	0.04%	98.61%	0.00%
170	WESSEX	HOLES BAY	POOLE S.T.W.	34077	130.64	0.04%	98.66%	0.00%
171	YORKSHIRE	HUMBER	GOOLE STW	3862	127.85	0.04%	98.71%	0.00%
172	SOUTH WEST	LYME	SHARKHAM POINT	10137	121.21	0.04%	98.76%	0.00%
173	WELSH	Loughor	100357-Loughor-Llanelli	14515	120.74	0.04%	98.80%	0.00%
174	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	120.37	0.04%	98.85%	0.00%
175	WELSH	Usk	40970-USK-Chain Bridge	1171037	116.13	0.04%	98.89%	61.11%
176	WESSEX	RIVER PIDDLE	WEST MILLS	194177	111.61	0.04%	98.94%	0.00%
177	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	106.78	0.04%	98.98%	0.00%
178	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	106.23	0.04%	99.02%	0.00%
179	SOUTH WEST	OUTER BRISTOL	CAMBORNE (NORTH	4256	105.75	0.04%	99.06%	0.00%
180	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960	104.18	0.03%	99.10%	0.00%
181	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	103.68	0.03%	99.13%	0.00%
182	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	103.20	0.03%	99.17%	0.00%
183	YORKSHIRE	HUMBER	SELBY STW	6000	102.61	0.03%	99.21%	0.00%
184	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	100.32	0.03%	99.25%	0.00%
185	ANGLIAN	Humber	COURTAULDS	19152	99.98	0.03%	99.29%	63.16%
186	NORTHUMBRI	NORTH SEA -	WANSBECK AT	126534	96.95	0.03%	99.33%	0.00%
187	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	93.90	0.03%	99.36%	0.00%
188	NORTHUMBRI	TEES -	ICI BILLINGHAM	11006	90.75	0.03%	99.40%	0.00%
189	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	87.96	0.03%	99.43%	0.00%
190	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	86.80	0.03%	99.46%	0.00%
191	NORTHUMBRI	NORTH SEA	SYNPAC CHEMICALS	2183	86.47	0.03%	99.49%	8.33%
192	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316	85.21	0.03%	99.53%	0.00%
193	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	76.39	0.02%	99.56%	0.00%
194	NORTHUMBRI	NORTH SEA -	WASHINGTON	20895	74.99	0.02%	99.58%	0.00%
195	NORTHUMBRI	NORTH SEA -	BASF 5 FINAL EFF AN6	4302	73.40	0.02%	99.61%	0.00%
196	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	69.88	0.02%	99.64%	0.00%
197	SOUTH WEST	YEO & TAW	R.YEO @ COLLARDS	124587	69.76	0.02%	99.66%	0.00%
198	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	65.56	0.02%	99.69%	0.00%
199	SOUTH WEST	TEIGN ESTUARY	TEIGNMOUTH LONG SEA	22825	64.17	0.02%	99.71%	0.00%
200	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	59.39	0.02%	99.74%	0.00%
201	SOUTHERN	North Sea-The	Kemsley PM Grovehurst	36852	56.88	0.02%	99.76%	7.14%
202	THAMES	Thames Estuary	Kew STW	33700	50.18	0.01%	99.78%	0.00%
203	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	49.71	0.01%	99.80%	0.00%
204	ANGLIAN	Colne/Blackwater	COLCHESTER	24742	49.12	0.01%	99.81%	0.00%
205	SOUTH WEST	HOOE LAKE OFF	PLYMOUTH, RADFORD	5160	47.33	0.01%	99.83%	0.00%
206	ANGLIAN	Humber	HYDRO FERTILISERS	7564	46.69	0.01%	99.85%	42.11%
207	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	45.74	0.01%	99.87%	0.00%
208	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319	38.96	0.01%	99.88%	0.00%

Determlnand: COPPER

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N.R.A. Annex 1A Low Load Inputs

Determinand: ZINC

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
				m3/day	Kg/year	% Total	% Acc	Limits
1	ANGLIAN	Humber	COURTAULDS	19152	269908.57	16.76%	16.76%	0.00%
2	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	105330.72	6.54%	23.30%	0.00%
3	WELSH	Ystwyth	82002-YSTWYTH-Rhydyfe	444226	60629.34	3.76%	27.07%	0.00%
4	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	59498.28	3.69%	30.77%	0.00%
5	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	55107.05	3.42%	34.19%	0.00%
6	NORTH WEST	Irish Sea	Albright & Wilson	14000	47639.99	2.95%	37.15%	0.00%
7	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	39334.25	2.44%	39.59%	0.00%
8	YORKSHIRE	AIRE	BEAL	2738464	38554.02	2.39%	41.99%	0.00%
9	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	35878.61	2.22%	44.21%	0.00%
10	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	33021.53	2.05%	46.27%	0.00%
11	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	28705.48	1.78%	48.05%	0.00%
12	WELSH	Severn Estuary	74008-Severn	36255	28447.89	1.76%	49.82%	0.00%
13	NORTH WEST	Mersey	Howley Weir	2649826	28432.07	1.76%	51.58%	0.00%
14	WELSH	Tawe	30006-NANT-Y-FENDROD	44855	27283.66	1.69%	53.28%	0.00%
15	THAMES	Thames Estuary	Crossness STW	670091	26041.01	1.61%	54.89%	0.00%
16	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	22192.77	1.37%	56.27%	4.35%
17	WELSH	Conwy	25001-CONWY-Cwm	1483588	21063.62	1.30%	57.58%	0.00%
18	THAMES	Thames Estuary	Beckton STW	1121136	21001.97	1.30%	58.89%	0.00%
19	WELSH	Irish sea	27844-Afon Goch	33459	20557.89	1.27%	60.16%	0.00%
20	THAMES	Thames	Thames at Teddington	2969609	19299.52	1.19%	61.36%	0.00%
21	WELSH	Tawe	30001-TAWE-Morriston	817398	18295.93	1.13%	62.50%	7.69%
22	WELSH	Tywi	31601-TYWI-Nantgaredig	3020679	18157.45	1.12%	63.63%	12.50%
23	WELSH	Ystwyth	35201-RHEIDOL-Penybont	411865	17346.18	1.07%	64.70%	0.00%
24	WELSH	Dyfi	20001-DYFI-A487 Road	1669528	15374.77	0.95%	65.66%	0.00%
25	WELSH	Dee	3-DEE-Iron Bridge	2094211	14645.04	0.90%	66.57%	0.00%
26	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	14204.98	0.88%	67.45%	0.00%
27	NORTH WEST	Derwent	Workington	2101432	12967.38	0.80%	68.26%	8.33%
28	NORTH WEST	Mersey	Liverpool STW	202985	12913.34	0.80%	69.06%	0.00%
29	SOUTH WEST	ST. IVES BAY,	ST EARTH	62064	11436.52	0.71%	69.77%	0.00%
30	WELSH	Conwy	25003-Nant Gwydyr-B5106	9640	11339.06	0.70%	70.47%	0.00%
31	WELSH	Ebbw	40430-EBBW	544668	11026.90	0.68%	71.16%	0.00%
32	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	10768.43	0.66%	71.83%	0.00%
33	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	10717.82	0.66%	72.49%	0.00%
34	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	10680.46	0.66%	73.15%	0.00%
35	NORTHUMBRI	TEES -	BSC SOUTH TEESSIDE	83994	10400.99	0.64%	73.80%	0.00%
36	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	10290.85	0.63%	74.44%	0.00%
37	YORKSHIRE	DON	NORTH BRIDGE	746869	10097.84	0.62%	75.07%	0.00%
38	WELSH	Telfi	34401-Telfi-Llechryd Road	2240544	9306.85	0.57%	75.65%	16.67%
39	NORTHUMBRI	NORTH SEA	SEATON CAREW SEA	25625	9279.72	0.57%	76.22%	0.00%
40	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491	9169.31	0.56%	76.79%	0.00%
41	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	9006.82	0.55%	77.35%	0.00%
42	YORKSHIRE	HUMBER	HULL WEST STW	65262	8773.78	0.54%	77.90%	0.00%
43	NORTH WEST	Ribble	Samlesbury	1529658	8629.37	0.53%	78.43%	2.00%
44	THAMES	Thames Estuary	Mogden STW	437533	8229.59	0.51%	78.94%	0.00%
45	WESSEX	DORSET STOUR	IFORD	1071556	7400.63	0.45%	79.40%	0.00%
46	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	7184.67	0.44%	79.85%	0.00%
47	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	6592.07	0.40%	80.26%	0.00%
48	NORTH WEST	Alt	Altmouth PS	159597	6572.46	0.40%	80.67%	0.00%
49	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	6266.56	0.38%	81.06%	0.00%
50	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	5892.88	0.36%	81.42%	0.00%
51	WELSH	Mawddach	20003-Mawddach-Ty'n y	418034	5865.72	0.36%	81.79%	0.00%
52	WELSH	Neath	10004-NEATH-500m	754045	5674.30	0.35%	82.14%	7.69%

N.R.A. Annex 1A Low Load Inputs

Determinand: ZINC

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
53	NORTH WEST	Weaver	Frodsham Road Bridge	941054		5615.00	0.34%	82.49%
54	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834		5264.65	0.32%	82.81%
55	WESSEX	DORSET FROME	HOLME BRIDGE	438163		5083.75	0.31%	83.13%
56	SOUTHERN	North Sea - Medway	U/S Allington Sluice	565052		5051.76	0.31%	83.44%
57	WELSH	Rhymney	18001-RHYMNEY-AI	551424		4916.34	0.30%	83.75%
56	THAMES	Thames Estuary	Long Reach STW	191855		4912.38	0.30%	84.05%
59	NORTH WEST	Douglas	Wanes Blades	236274		4653.57	0.28%	84.34%
60	SOUTH WEST	EXE ESTUARY	EXETER, COUNTRESS	69979		4612.09	0.28%	84.63%
61	WELSH	Irish sea	27843-Afon Goch-Octel	5833		4585.70	0.28%	84.92%
62	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829		4576.80	0.28%	85.20%
63	SOUTH WEST	FOWEY ESTUARY	RESTORMEL	559015		4534.15	0.28%	85.48%
64	SOUTHERN	The	Eastney O/F	69211		4527.66	0.28%	85.76%
65	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062		4394.36	0.27%	86.04%
66	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681		4080.72	0.25%	86.29%
67	SOUTH WEST	CAMEL ESTUARY	GROGLEY HALT	632267		4041.85	0.25%	86.54%
68	YORKSHIRE	WHARFE	TADCASTER WEIR	705741		4000.81	0.24%	86.79%
69	WELSH	Severn Estuary	42043-Severn	76143		3994.96	0.24%	87.04%
70	NORTH WEST	Mersey	Warrington STW	63540		3867.61	0.24%	87.28%
71	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583		3739.97	0.23%	87.51%
72	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832		3701.71	0.22%	87.74%
73	WELSH	Swansea Bay	30365-Swansea	100530		3658.78	0.22%	87.97%
74	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901		3618.97	0.22%	88.19%
75	NORTH WEST	Eden	Beaumont	2434269		3405.90	0.21%	88.40%
76	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058		3397.89	0.21%	88.61%
77	WELSH	Usk	40130-LWYD-Ponthir Weir	263140		3353.01	0.20%	88.82%
78	NORTH WEST	Wyre	St Micheals	314425		3301.28	0.20%	89.03%
79	NORTH WEST	Sankey	Widnes STW	36112		3285.44	0.20%	89.23%
80	YORKSHIRE	NORTH SEA	RUSWARP	341199		3252.18	0.20%	89.43%
81	WELSH	Severn Estuary	68821-Severn	73197		3229.95	0.20%	89.63%
82	NORTH WEST	Darwen	A6 Road Bridge	197844		3223.47	0.20%	89.83%
83	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787		3207.80	0.19%	90.03%
84	ANGLIAN	Humber	SCM CHEMICALS LTD	20953		3167.99	0.19%	90.23%
85	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131		3061.44	0.19%	90.42%
86	SOUTHERN	English Channel	Brighton Portobello O/F	58752		3059.40	0.19%	90.61%
87	WELSH	Dwryd	22503-GLASLYN-Port	578304		3029.61	0.18%	90.80%
88	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359		3026.03	0.18%	90.89%
89	YORKSHIRE	HUMBER	HULL EAST STW	45026		2979.96	0.18%	91.17%
90	WELSH	Taff	17001-TAFF-Blackweir RS	998654		2918.51	0.18%	91.35%
91	SOUTH WEST	TAVY ESTUARY	LOPWELL DAM	485000		2841.71	0.17%	91.53%
92	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107		2840.79	0.17%	91.71%
93	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326		2737.11	0.17%	91.88%
94	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577		2649.62	0.16%	92.04%
95	THAMES	Thames Estuary	Riverside STW	92504		2585.27	0.16%	92.20%
96	SEVERN-TRE	R.IDLE	AT BAWTRY	190198		2582.14	0.16%	92.36%
97	ANGLIAN	North Sea	CLACTON SCREENED	17734		2574.15	0.15%	92.52%
98	WELSH	Afan	74046-Afan-Afan Pumping	67219		2511.36	0.15%	92.68%
99	WESSEX	RIVER BRUE	BASON BRIDGE	231656		2509.92	0.15%	92.83%
100	SOUTH WEST	ST. AUSTELL BAY,	ST BLAZEY BRIDGE	193152		2476.72	0.15%	92.99%
101	WELSH	Usk	43014-Usk-BS Llanwern	94496		2433.72	0.15%	93.14%
102	SOUTHERN	English	Bretts Bridge	130687		2412.97	0.14%	93.29%
103	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485		2406.24	0.14%	93.44%
104	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727		2205.33	0.13%	93.57%

N.R.A. Annex 1A Low Load Inputs

Determinand: ZINC

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
105	ANGLIAN	Wash	CONOCO GAS	464	2170.87	0.13%	93.71%	0.00%
106	WELSH	Ogmore	13001-Ogmore-Dipping	488065	2123.41	0.13%	93.84%	8.33%
107	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	2122.11	0.13%	93.97%	0.00%
108	WELSH	Cleddau	32803-W	348455	2110.80	0.13%	94.10%	0.00%
109	WELSH	Severn Estuary	19003-Severn	40960	2092.19	0.13%	94.23%	0.00%
110	WELSH	Swansea Bay	110809-Swansea	27181	2075.36	0.12%	94.36%	0.00%
111	YORKSHIRE	OUSE	NABURN LOCK	277668	2039.63	0.12%	94.49%	0.00%
112	SOUTH WEST	RIVER FAL	TREGONEY	126671	2019.50	0.12%	94.62%	0.00%
113	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	1993.09	0.12%	94.74%	0.00%
114	SOUTHERN	Arun-Rother (West)	Hardham	310079	1984.00	0.12%	94.86%	0.00%
115	NORTHUMBRI	NORTH SEA -	TWEED AT NORHAM	3819344	1954.33	0.12%	94.98%	83.33%
116	SOUTHERN	Medway-Bartlett	Motney Hill STW	36782	1948.54	0.12%	95.10%	0.00%
117	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	1945.59	0.12%	95.23%	0.00%
118	WELSH	Loughor	30401-LOUGHOR-Abv	449418	1917.43	0.11%	95.34%	6.25%
119	WELSH	Severn Estuary	16062-Severn	46476	1911.18	0.11%	95.46%	0.00%
120	NORTH WEST	Lune	Denny Bridge	1363286	1896.46	0.11%	95.58%	69.23%
121	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	1851.43	0.11%	95.70%	0.00%
122	NORTH WEST	Kent	Sedgewick	543354	1843.47	0.11%	95.81%	0.00%
123	WELSH	Usk	40970-USK-Chain Bridge	1171037	1786.37	0.11%	95.92%	5.56%
124	WESSEX	RIVER PIDDL	WEST MILLS	184177	1767.79	0.10%	96.03%	0.00%
125	WELSH	Clarach	35708-CLARACH-Footbrid	49555	1624.02	0.10%	96.13%	0.00%
126	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	1614.86	0.10%	96.23%	0.00%
127	WESSEX	RIVER TONE	KNAPP BRIDGE	184386	1601.72	0.09%	96.33%	0.00%
128	SOUTHERN	English Channel	Portslade O/F	56420	1531.77	0.09%	96.43%	0.00%
129	SOUTH WEST	AVON ESTUARY	R.AVON @ HATCH (HM	230383	1497.46	0.09%	96.52%	0.00%
130	WELSH	Tywi	32001-TAF-Clog Y Fran	358644	1486.81	0.09%	96.61%	0.00%
131	NORTHUMBRI	NORTH SEA	NCB LYNEMOUTH COAL	8640	1479.21	0.09%	96.70%	0.00%
132	WELSH	Severn Estuary	42053-Severn	55863	1467.65	0.09%	96.80%	0.00%
133	WELSH	Swansea Bay	74593-Swansea Bay-BP	15984	1406.87	0.08%	96.88%	0.00%
134	NORTH WEST	Mersey	Halewood STW	9299	1396.79	0.08%	96.97%	0.00%
135	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	1318.95	0.08%	97.05%	0.00%
136	WESSEX	ENGLISH	WEST BAY O/FALL	13058	1304.31	0.08%	97.13%	0.00%
137	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	1269.83	0.07%	97.21%	0.00%
138	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	1253.88	0.07%	97.29%	0.00%
139	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	1217.25	0.07%	97.37%	0.00%
140	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	1175.54	0.07%	97.44%	0.00%
141	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	1162.40	0.07%	97.51%	0.00%
142	NORTHUMBRI	NORTH SEA -	COQUET AT	550338	1108.24	0.06%	97.58%	75.00%
143	THAMES	Thames-Wandle	Beddington STW	68920	1083.81	0.06%	97.65%	0.00%
144	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	1075.25	0.06%	97.71%	0.00%
145	WELSH	Usk	45360-Usk-Ponthir STW	39543	1056.89	0.06%	97.78%	0.00%
146	ANGLIAN	Yarmouth-Yare	NORWICH	59586	1025.57	0.06%	97.84%	0.00%
147	NORTH WEST	Ribble	Preston STW	71026	982.71	0.06%	97.90%	0.00%
148	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	973.84	0.06%	97.96%	0.00%
149	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	965.78	0.06%	98.02%	0.00%
150	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	944.80	0.05%	98.08%	0.00%
151	WELSH	Chwyd	7-CLWYD-Pont Dafydd St	253435	930.43	0.05%	98.14%	8.33%
152	WELSH	Tywi	31619-GWILI-Abergwill	335784	881.91	0.05%	98.20%	4.17%
153	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	881.50	0.05%	98.25%	0.00%
154	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	854.09	0.05%	98.30%	0.00%
155	NORTH WEST	Leven	Haverthwaite	497535	851.40	0.05%	98.36%	61.54%
156	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	847.60	0.05%	98.41%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: ZINC

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
157	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629		846.62	0.05%	98.46%
158	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419		800.89	0.04%	98.51%
159	ANGLIAN	Humber	PYEWIPE PUMPING	15920		793.98	0.04%	98.56%
160	WELSH	Loughor	30874-Dafen-D/s Halfway	16649		793.61	0.04%	98.61%
161	ANGLIAN	Humber	HYDRO FERTILISERS	7564		789.29	0.04%	98.66%
162	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833		740.16	0.04%	98.70%
163	WELSH	Cleddau	32401-E	325440		711.46	0.04%	98.75%
164	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102		682.02	0.04%	98.79%
165	NORTHUMBRI	NORTH SEA	NEWBIGGIN SEA	10634		644.16	0.04%	98.83%
166	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872		637.10	0.03%	98.87%
167	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159		605.06	0.03%	98.91%
168	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711		593.02	0.03%	98.95%
169	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905		579.27	0.03%	98.98%
170	SOUTH WEST	LYNHER OR ST.	RIVER TIDY AT	82848		555.18	0.03%	99.02%
171	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625		529.49	0.03%	99.05%
172	SOUTHERN	English Channel	Hastings Combe Haven	8137		521.60	0.03%	99.08%
173	YORKSHIRE	HULL	HEMPHOLME LOCK	170458		503.21	0.03%	99.11%
174	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917		497.32	0.03%	99.14%
175	THAMES	Thames-Beverley	Worcester Park STW	32804		496.96	0.03%	99.17%
176	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649		496.16	0.03%	99.20%
177	NORTHUMBRI	NORTH SEA	SYNPAC CHEMICALS	2183		490.13	0.03%	99.24%
178	SOUTHERN	English Channel	Seaford O/F	7992		471.85	0.02%	99.26%
179	SOUTH WEST	LYME	SHARKHAM POINT	10137		460.15	0.02%	99.29%
180	WESSEX	HOLES BAY	POOLE S.T.W.	34077		448.21	0.02%	99.32%
181	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698		444.09	0.02%	99.35%
182	NORTHUMBRI	NORTH SEA -	BASF 5 FINAL EFF AN6	4302		437.43	0.02%	99.38%
183	NORTHUMBRI	NORTH SEA	WARREN HOUSE	5000		402.71	0.02%	99.40%
184	SOUTH WEST	YEO & TAW	R.YEO @ COLLARDS	124587		400.23	0.02%	99.43%
185	SOUTH WEST	TEIGN ESTUARY	TEIGNMOUTH LONG SEA	22825		398.68	0.02%	99.45%
186	SOUTH WEST	OUTER BRISTOL	CAMBORNE (NORTH	4256		394.04	0.02%	99.47%
187	THAMES	Thames Estuary	Kew STW	33700		392.56	0.02%	99.50%
188	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922		370.16	0.02%	99.52%
189	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677		369.77	0.02%	99.55%
190	NORTHUMBRI	NORTH SEA -	WASHINGTON	20895		369.31	0.02%	99.57%
191	ANGLIAN	Humber	IMMINGHAM CRUDE	2976		361.95	0.02%	99.59%
192	NORTHUMBRI	NORTH SEA	BRUS HARTLEPOOL O/F	8300		327.02	0.02%	99.61%
193	ANGLIAN	Wash-Nene	FLAG FEN STW	16735		323.80	0.02%	99.63%
194	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657		316.81	0.01%	99.65%
195	ANGLIAN	Colne/Blackwater	COLCHESTER	24742		310.05	0.01%	99.67%
196	NORTHUMBRI	NORTH SEA	CAMBOIS/BEDLINGTON	6859		303.73	0.01%	99.69%
197	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316		300.20	0.01%	99.71%
198	WELSH	Coastal	100369-Coastal-Aberystwy	14796		269.91	0.01%	99.72%
199	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960		267.80	0.01%	99.74%
200	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658		251.02	0.01%	99.76%
201	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618		247.26	0.01%	99.77%
202	NORTHUMBRI	TEES -	ICI BILLINGHAM	11006		245.20	0.01%	99.79%
203	YORKSHIRE	HUMBER	BEVERLEY STW	11393		235.61	0.01%	99.80%
204	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612		233.48	0.01%	99.82%
205	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752		221.02	0.01%	99.83%
206	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209		212.28	0.01%	99.84%
207	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629		189.35	0.01%	99.86%
208	YORKSHIRE	HUMBER	SELBY STW	6000		181.04	0.01%	99.87%

Determinand: ZINC

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N.R.A. Annex 1A Low Load Inputs

Determinand: LEAD

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
1	NORTH WEST	Mersey	Associated Octel	8000	28883.00	13.77%	13.77%	0.00%
2	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	17363.32	8.28%	22.05%	0.00%
3	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	17041.76	8.12%	30.18%	0.00%
4	YORKSHIRE	AIRE	BEAL	2738464	10633.89	5.07%	35.26%	0.00%
5	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	10102.70	4.81%	40.07%	59.09%
6	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	7975.67	3.80%	43.88%	0.00%
7	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	6609.28	3.15%	47.03%	0.00%
8	NORTH WEST	Mersey	Howley Weir	2649826	5689.91	2.71%	49.75%	0.00%
9	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	5063.66	2.41%	52.16%	8.33%
10	WELSH	Tywi	31601-TYWI-Nantgaredig	3020679	3860.99	1.84%	54.00%	93.75%
11	NORTH WEST	Mersey	Liverpool STW	202985	3768.44	1.79%	55.80%	0.00%
12	THAMES	Thames Estuary	Beckton STW	1121136	3082.62	1.47%	57.27%	0.00%
13	THAMES	Thames	Thames at Teddington	2969609	2908.18	1.38%	58.66%	0.00%
14	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	2875.12	1.37%	60.03%	8.82%
15	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	2816.62	1.34%	61.37%	0.00%
16	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	2463.50	1.17%	62.55%	0.00%
17	NORTHUMBRI	TEES -	BSC SOUTH TEESSIDE	83994	2366.86	1.12%	63.68%	0.00%
18	YORKSHIRE	DON	NORTH BRIDGE	746869	2247.75	1.07%	64.75%	0.00%
19	WELSH	Conwy	25001-CONWY-Cwm	1483588	2217.38	1.05%	65.81%	75.00%
20	NORTHUMBRI	NORTH SEA	SEATON CAREW SEA	25625	2093.66	0.99%	66.81%	0.00%
21	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	1984.41	0.94%	67.75%	0.00%
22	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	1923.35	0.91%	68.67%	0.00%
23	THAMES	Thames Estuary	Crossness STW	670091	1790.92	0.85%	69.52%	0.00%
24	WELSH	Severn Estuary	74008-Severn	36255	1788.79	0.85%	70.38%	0.00%
25	WELSH	Ebbw	40430-EBBW	544668	1744.78	0.83%	71.21%	33.33%
26	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062	1731.51	0.82%	72.04%	0.00%
27	SOUTHERN	The	Eastney O/F	69211	1658.87	0.79%	72.83%	0.00%
28	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	1638.52	0.78%	73.61%	0.00%
29	THAMES	Thames Estuary	Mogden STW	437533	1597.54	0.76%	74.37%	0.00%
30	NORTH WEST	Ribble	Samlesbury	1529658	1575.56	0.75%	75.12%	14.00%
31	NORTH WEST	Derwent	Workington	2101432	1563.42	0.74%	75.87%	8.33%
32	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	1505.81	0.71%	76.59%	0.00%
33	NORTH WEST	Eden	Beaumont	2434269	1495.51	0.71%	77.30%	16.67%
34	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	1484.70	0.70%	78.01%	0.00%
35	NORTH WEST	Weaver	Frodsham Road Bridge	941054	1472.58	0.70%	78.71%	14.29%
36	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	1415.22	0.67%	79.38%	0.00%
37	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	1410.13	0.67%	80.06%	0.00%
38	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	1390.37	0.66%	80.72%	0.00%
39	YORKSHIRE	HUMBER	HULL WEST STW	65262	1284.22	0.61%	81.33%	0.00%
40	WELSH	Ystwyth	82002-YSTWYTH-Rhydyfe	444226	1276.10	0.60%	81.94%	20.00%
41	SOUTHERN	English Channel	Brighton Portobello O/F	58752	1175.86	0.56%	82.50%	0.00%
42	NORTHUMBRI	NORTH SEA	NCB LYNE MOUTH COAL	8640	1147.33	0.54%	83.05%	8.33%
43	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	1104.05	0.52%	83.58%	0.00%
44	YORKSHIRE	OUSE	NABURN LOCK	277669	1094.58	0.52%	84.10%	0.00%
45	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	1046.32	0.49%	84.60%	0.00%
46	SOUTH WEST	EXE ESTUARY	EXETER, COUNTRESS	69979	1036.62	0.49%	85.09%	8.33%
47	WESSEX	DORSET STOUR	IFORD	1071556	1007.87	0.48%	85.57%	0.00%
48	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	884.58	0.42%	86.00%	0.00%
49	WELSH	Tawe	30001-TAWE-Morrison	817398	831.08	0.39%	86.39%	46.15%
50	SOUTHERN	Arun-Rother (West)	Hardham	310079	772.77	0.36%	86.76%	0.00%
51	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058	760.03	0.36%	87.12%	0.00%
52	WELSH	Ystwyth	35201-RHEIDOL-Penybont	411865	722.43	0.34%	87.47%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: LEAD

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
53	NORTH WEST	Douglas	Wanes Blades	236274	713.52	0.34%	87.81%	0.00%
54	NORTH WEST	Darwen	A6 Road Bridge	197844	694.79	0.33%	88.14%	0.00%
55	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	671.23	0.32%	88.46%	0.00%
56	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	665.58	0.31%	88.78%	0.00%
57	WELSH	Usk	43014-Usk-BS Llanwern	94496	592.21	0.28%	89.06%	8.33%
58	WELSH	Clarach	35708-CLARACH-Footbrid	49555	587.93	0.28%	89.34%	0.00%
59	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	585.92	0.27%	89.62%	0.00%
60	WELSH	Swansea Bay	30365-Swansea	100530	583.41	0.27%	89.90%	0.00%
61	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	546.33	0.26%	90.16%	70.59%
62	NORTH WEST	Wyre	St Micheals	314425	528.64	0.25%	90.41%	0.00%
63	SOUTHERN	English Channel	Portslade O/F	56420	517.91	0.24%	90.66%	0.00%
64	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	502.90	0.23%	90.90%	0.00%
65	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	492.25	0.23%	91.13%	0.00%
66	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	475.02	0.22%	91.36%	8.33%
67	SOUTH WEST	TAVY ESTUARY	LOPWELL DAM	485000	470.50	0.22%	91.58%	0.00%
68	NORTH WEST	Alt	Altmouth PS	159597	465.41	0.22%	91.81%	0.00%
69	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	459.55	0.21%	92.02%	0.00%
70	NORTH WEST	Mersey	Warrington STW	63540	430.83	0.20%	92.23%	0.00%
71	WELSH	Afan	74046-Afan-Afan Pumping	67219	417.91	0.19%	92.43%	0.00%
72	THAMES	Thames Estuary	Long Reach STW	191855	417.42	0.19%	92.63%	0.00%
73	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583	402.14	0.19%	92.82%	0.00%
74	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	389.41	0.18%	93.01%	0.00%
75	YORKSHIRE	NORTH SEA	RUSWARP	341199	370.86	0.17%	93.18%	40.00%
76	SOUTHERN	English	Bretts Bridge	130687	369.03	0.17%	93.36%	0.00%
77	SOUTH WEST	FOWEY ESTUARY	RESTORMEL	559015	356.84	0.17%	93.53%	0.00%
78	WESSEX	DORSET FROME	HOLME BRIDGE	438163	356.81	0.17%	93.70%	0.00%
79	NORTHUMBRI	NORTH SEA -	TWEED AT NORHAM	3819344	356.42	0.17%	93.87%	83.33%
80	NORTH WEST	Lune	Denny Bridge	1363286	353.58	0.16%	94.04%	55.56%
81	SOUTH WEST	AVON ESTUARY	R.AVON @ HATCH (HM	230383	352.79	0.16%	94.21%	0.00%
82	THAMES	Thames-Wandle	Beddington STW	68920	350.49	0.16%	94.37%	0.00%
83	WELSH	Severn Estuary	19003-Severn	40960	348.35	0.16%	94.54%	0.00%
84	WELSH	Severn Estuary	68821-Severn	73197	338.88	0.16%	94.70%	9.09%
85	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	333.19	0.15%	94.86%	8.33%
86	WELSH	Severn Estuary	16062-Severn	46476	327.77	0.15%	95.02%	0.00%
87	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	317.77	0.15%	95.17%	0.00%
88	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	315.21	0.15%	95.32%	0.00%
89	YORKSHIRE	HUMBER	HULL EAST STW	45026	302.31	0.14%	95.46%	4.17%
90	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	301.15	0.14%	95.61%	0.00%
91	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	286.51	0.13%	95.74%	0.00%
92	NORTHUMBRI	NORTH SEA -	BASF 5 FINAL EFF AN6	4302	272.83	0.13%	95.87%	0.00%
93	WELSH	Severn Estuary	42053-Severn	55863	267.60	0.12%	96.00%	0.00%
94	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	259.92	0.12%	96.12%	0.00%
95	WELSH	Loughor	30874-Dafen-D/s Halfway	16649	257.41	0.12%	96.25%	0.00%
96	SOUTH WEST	CAMEL ESTUARY	GROGLEY HALT	632267	251.78	0.12%	96.37%	0.00%
97	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	249.91	0.11%	96.49%	0.00%
98	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	228.01	0.10%	96.60%	0.00%
99	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	224.76	0.10%	96.70%	0.00%
100	NORTH WEST	Sankey	Widnes STW	36112	224.60	0.10%	96.81%	0.00%
101	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	220.30	0.10%	96.91%	2.04%
102	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	211.44	0.10%	97.02%	0.00%
103	ANGLIAN	Wash	CONOCO GAS	464	187.77	0.08%	97.11%	0.00%
104	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	185.01	0.08%	97.19%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: LEAD

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD		% of Detect	
					Kg/year	% Total	% Acc	Limits
105	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	183.39	0.08%	97.28%	0.00%
106	SOUTHERN	English Channel	Eastbourne Langney Point	31452	179.31	0.08%	97.37%	0.00%
107	THAMES	Thames Estuary	Riverside STW	92504	179.05	0.08%	97.45%	0.00%
108	SOUTHERN	English Channel	Hastings Combe Haven	8137	173.56	0.08%	97.53%	0.00%
109	NORTHUMBRI	TEES -	ICI BILLINGHAM	1735	172.88	0.08%	97.62%	0.00%
110	NORTHUMBRI	NORTH SEA -	COQUET AT	550338	169.55	0.08%	97.70%	81.25%
111	SOUTH WEST	ST. AUSTELL BAY,	ST BLAZEY BRIDGE	193152	166.68	0.07%	97.78%	0.00%
112	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	164.06	0.07%	97.86%	0.00%
113	WELSH	Usk	40970-USK-Chain Bridge	1171037	161.77	0.07%	97.93%	94.44%
114	ANGLIAN	Humber	PYEWIPE PUMPING	15920	158.23	0.07%	98.01%	0.00%
115	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	154.22	0.07%	98.08%	0.00%
116	ANGLIAN	North Sea	CLACTON SCREENED	17734	152.66	0.07%	98.15%	0.00%
117	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	148.78	0.07%	98.23%	0.00%
118	SOUTH WEST	OUTER BRISTOL	CAMBORNE (NORTH	4256	130.39	0.06%	98.29%	0.00%
119	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	125.90	0.06%	98.35%	8.33%
120	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	122.92	0.05%	98.41%	9.09%
121	WELSH	Severn Estuary	42043-Severn	76143	121.13	0.05%	98.46%	25.00%
122	NORTHUMBRI	NORTH SEA	WARREN HOUSE	5000	119.17	0.05%	98.52%	0.00%
123	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	112.77	0.05%	98.58%	0.00%
124	NORTH WEST	Mersey	Halewood STW	9299	104.29	0.04%	98.62%	0.00%
125	NORTH WEST	Ribble	Preston STW	71026	101.91	0.04%	98.67%	0.00%
126	NORTH WEST	Kent	Sedgewick	543354	95.75	0.04%	98.72%	16.67%
127	SOUTH WEST	LYME	SHARKHAM POINT	10137	95.65	0.04%	98.76%	0.00%
128	SOUTHERN	English Channel	Seaford O/F	7992	95.01	0.04%	98.81%	0.00%
129	WELSH	Tawe	30006-NANT-Y-FENDROD	44855	92.09	0.04%	98.85%	0.00%
130	NORTH WEST	Leven	Haverthwaite	497535	83.36	0.03%	98.89%	75.00%
131	SOUTH WEST	ST. IVES BAY,	ST ERTH	62064	78.59	0.03%	98.93%	0.00%
132	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	77.94	0.03%	98.97%	33.33%
133	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829	77.57	0.03%	99.01%	0.00%
134	WESSEX	ENGLISH	WEST BAY O/FALL	13058	77.33	0.03%	99.04%	0.00%
135	NORTH WEST	Irish Sea	Albright & Wilson	14000	70.00	0.03%	99.08%	0.00%
136	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	69.41	0.03%	99.11%	25.00%
137	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	68.86	0.03%	99.14%	49.02%
138	ANGLIAN	Yarmouth-Yare	NORWICH	59586	67.80	0.03%	99.17%	0.00%
139	WESSEX	RIVER PIDDLE	WEST MILLS	194177	65.79	0.03%	99.21%	0.00%
140	WELSH	Neath	71504-Neath-BP-Llandarcy	6747	65.64	0.03%	99.24%	9.09%
141	YORKSHIRE	HUMBER	SELBY STW	6000	65.36	0.03%	99.27%	0.00%
142	WELSH	Rhymney	18001-RHYMNEY-A1	551424	62.27	0.02%	99.30%	80.00%
143	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	60.12	0.02%	99.33%	0.00%
144	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	59.30	0.02%	99.35%	0.00%
145	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	57.34	0.02%	99.38%	0.00%
146	NORTHUMBRI	NORTH SEA	NEWBIGGIN SEA	10634	56.59	0.02%	99.41%	0.00%
147	ANGLIAN	Stour Estuary	R.STOUR CATTWADE	240159	56.28	0.02%	99.44%	10.00%
148	SOUTH WEST	RIVER FAL	TREGONEY	126671	53.66	0.02%	99.46%	0.00%
149	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	52.40	0.02%	99.49%	63.16%
150	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	51.86	0.02%	99.51%	0.00%
151	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491	50.51	0.02%	99.54%	0.00%
152	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	46.46	0.02%	99.56%	0.00%
153	NORTHUMBRI	TEES -	ICI BILLINGHAM	11006	46.16	0.02%	99.58%	0.00%
154	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	44.04	0.02%	99.60%	25.00%
155	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316	43.85	0.02%	99.62%	0.00%
156	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	36.09	0.01%	99.64%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: LEAD

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	
157	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	33.63	0.01%	99.65%	0.00%
158	THAMES	Thames-Beverley	Worcester Park STW	32804	33.46	0.01%	99.67%	0.00%
159	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	33.27	0.01%	99.69%	0.00%
160	NORTHUMBRI	NORTH SEA -	CHEMSON LTD	75	32.41	0.01%	99.70%	0.00%
161	ANGLIAN	Colne/Blackwater	COLCHESTER	24742	31.80	0.01%	99.72%	0.00%
162	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	31.31	0.01%	99.73%	0.00%
163	SOUTH WEST	TEIGN ESTUARY	TEIGNMOUTH LONG SEA	22825	30.29	0.01%	99.75%	0.00%
164	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	29.32	0.01%	99.76%	25.00%
165	SOUTH WEST	YEO & TAW	R.YEO @ COLLARDS	124587	27.89	0.01%	99.77%	0.00%
166	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	27.83	0.01%	99.79%	66.67%
167	THAMES	Thames Estuary	Kew STW	33700	27.79	0.01%	99.80%	0.00%
168	NORTHUMBRI	NORTH SEA	BRUS HARTLEPOOL O/F	8300	26.05	0.01%	99.81%	0.00%
169	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	25.56	0.01%	99.83%	0.00%
170	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	25.15	0.01%	99.84%	0.00%
171	NORTHUMBRI	NORTH SEA	CAMBOIS/BEDLINGTON	6859	24.96	0.01%	99.85%	0.00%
172	YORKSHIRE	HUMBER	GOOLE STW	3862	21.05	0.01%	99.86%	0.00%
173	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	20.86	0.01%	99.87%	0.00%
174	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	19.38	0.00%	99.88%	25.00%
175	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	18.22	0.00%	99.89%	0.00%
176	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	17.97	0.00%	99.90%	0.00%
177	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	17.70	0.00%	99.90%	25.00%
178	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	16.63	0.00%	99.91%	0.00%
179	ANGLIAN	Humber	HYDRO FERTILISERS	7584	14.61	0.00%	99.92%	42.11%
180	NORTHUMBRI	NORTH SEA	SYNPAC CHEMICALS	2183	13.88	0.00%	99.93%	8.33%
181	NORTHUMBRI	NORTH SEA -	WASHINGTON	20895	13.85	0.00%	99.93%	5.00%
182	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	11.28	0.00%	99.94%	25.00%
183	ANGLIAN	Humber	Newton Marsh STW F/E	18634	10.47	0.00%	99.94%	0.00%
184	WESSEX	HOLES BAY	POOLE S.T.W.	34077	8.72	0.00%	99.95%	42.86%
185	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960	8.31	0.00%	99.95%	0.00%
186	NORTHUMBRI	NORTH SEA -	COOKSONS INDUSTRIAL	63	8.30	0.00%	99.95%	0.00%
187	ANGLIAN	Humber	LOUTH FINAL SED TANK	6307	8.09	0.00%	99.96%	0.00%
188	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	7.46	0.00%	99.96%	0.00%
189	NORTHUMBRI	TEES -	ICI BILLINGHAM	1606	7.15	0.00%	99.97%	0.00%
190	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	7.08	0.00%	99.97%	9.09%
191	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319	6.70	0.00%	99.97%	0.00%
192	WELSH	Clwyd	7220-Afon Clwyd-St.	1843	6.61	0.00%	99.98%	0.00%
193	NORTHUMBRI	NORTH SEA -	BSC REDCAR	1692	6.46	0.00%	99.98%	0.00%
194	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	6.31	0.00%	99.98%	0.00%
195	SOUTH WEST	ST.AUSTELL	PAR STW	7205	5.13	0.00%	99.98%	37.50%
196	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	4.58	0.00%	99.99%	0.00%
197	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	4.45	0.00%	99.99%	50.00%
198	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	3.53	0.00%	99.99%	94.74%
199	SOUTH WEST	HOOE LAKE OFF	PLYMOUTH, RADFORD	5160	3.43	0.00%	99.99%	20.00%
200	ANGLIAN	Wash-Nene	WISBECH STW	13936	2.74	0.00%	99.99%	57.14%
201	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	2.24	0.00%	99.99%	0.00%
202	ANGLIAN	Wash-Welland	R.GLEN SURFLEET A16	20538	1.18	0.00%	99.99%	25.00%
203	YORKSHIRE	HUMBER	CRODA, GOOLE	556	0.98	0.00%	99.99%	0.00%
204	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	0.24	0.00%	99.99%	25.00%
205	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43	0.24	0.00%	99.99%	14.29%
206	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	0.19	0.00%	99.99%	80.00%
207	WELSH	Afan	11009-Afan-ABP	44	0.15	0.00%	100.00%	0.00%
208	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	0.07	0.00%	100.00%	56.25%

N.R.A. Annex 1A Low Load Inputs

Determinand: T_B_TIN

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
				m3/day	Kg/year	% Total	% Acc	Limits
1	NORTH WEST	Ribble	Samlesbury	1529658	21.72	25.75%	25.75%	90.91%
2	YORKSHIRE	AIRE	BEAL	2738464	12.59	14.92%	40.68%	41.67%
3	NORTH WEST	Weaver	Frodsham Road Bridge	941054	9.09	10.77%	51.45%	91.67%
4	YORKSHIRE	HUMBER	HULL EAST STW	45026	7.80	9.25%	60.71%	61.11%
5	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	7.62	9.03%	69.74%	0.00%
6	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	4.69	5.56%	75.31%	88.24%
7	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	2.75	3.26%	78.58%	80.00%
8	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	2.48	2.94%	81.53%	83.33%
9	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	1.58	1.87%	83.40%	90.91%
10	NORTH WEST	Derwent	Workington	2101432	1.42	1.68%	85.09%	90.91%
11	YORKSHIRE	DON	NORTH BRIDGE	746869	1.20	1.43%	86.53%	66.67%
12	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	0.95	1.13%	87.66%	66.67%
13	NORTH WEST	Eden	Beaumont	2434269	0.94	1.11%	88.78%	91.67%
14	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	0.91	1.08%	89.86%	18.18%
15	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	0.82	0.97%	90.84%	50.00%
16	NORTH WEST	Alt	Altmouth PS	159597	0.79	0.94%	91.78%	41.18%
17	YORKSHIRE	HUMBER	HULL WEST STW	65262	0.69	0.82%	92.60%	71.43%
18	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	0.69	0.81%	93.42%	88.89%
19	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	0.65	0.77%	94.19%	91.67%
20	NORTH WEST	Kent	Sedgewick	543354	0.47	0.55%	94.75%	83.33%
21	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	0.44	0.53%	95.28%	25.00%
22	YORKSHIRE	OUSE	NABURN LOCK	277669	0.39	0.47%	95.75%	65.00%
23	WELSH	Dee	3-DEE-Iron Bridge	2094211	0.37	0.44%	96.20%	91.30%
24	NORTH WEST	Leven	Haverthwaite	497535	0.30	0.36%	96.57%	91.67%
25	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	0.28	0.34%	96.91%	92.31%
26	WELSH	Taff	17001-TAFF-Blackweir RS	998654	0.25	0.29%	97.20%	87.50%
27	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	0.25	0.29%	97.50%	70.00%
28	NORTH WEST	Darwen	A6 Road Bridge	197844	0.20	0.24%	97.75%	50.00%
29	WESSEX	ENGLISH	WEST BAY O/FALL	13058	0.17	0.21%	97.96%	80.00%
30	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	0.16	0.19%	98.16%	63.64%
31	WELSH	Severn Estuary	16062-Severn	46476	0.16	0.19%	98.35%	66.67%
32	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	0.16	0.19%	98.55%	90.00%
33	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	0.14	0.16%	98.71%	66.67%
34	SOUTH WEST	ST.AUSTELL	PAR STW	7205	0.12	0.14%	98.86%	77.78%
35	WELSH	Tywi	32001-TAF-Clog Y Fran	358644	0.11	0.13%	98.99%	91.67%
36	WELSH	Rhymney	18001-RHYMNEY-At	551424	0.08	0.10%	99.10%	91.67%
37	NORTH WEST	Wyre	St Michaels	314425	0.08	0.10%	99.20%	90.91%
38	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	0.07	0.09%	99.29%	75.00%
39	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	0.07	0.08%	99.38%	77.78%
40	WELSH	Severn Estuary	19003-Severn	40960	0.06	0.07%	99.46%	66.67%
41	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	0.06	0.07%	99.53%	66.67%
42	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	0.05	0.06%	99.59%	27.27%
43	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	0.05	0.06%	99.65%	90.91%
44	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	0.04	0.05%	99.71%	84.62%
45	WELSH	Severn Estuary	68821-Severn	73197	0.04	0.04%	99.76%	66.67%
46	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	0.04	0.04%	99.80%	75.00%
47	WELSH	Severn Estuary	42043-Severn	76143	0.02	0.03%	99.84%	81.82%
48	WELSH	Loughor	30401-LOUGHOR-Abv	449418	0.02	0.03%	99.87%	94.74%
49	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	0.02	0.02%	99.90%	75.00%
50	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	0.02	0.02%	99.93%	42.86%
51	WELSH	Loughor	30409-LLIW-Kingsbridge	54514	0.02	0.02%	99.96%	75.00%
52	ANGLIAN	Humber	PYEWIPE PUMPING	15920	0.02	0.02%	99.98%	85.71%

Determinand: T_B_TIN

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Determinand: T_P_TIN

Page: 1

N.R.A. Annex 1A Low Load Inputs

Determinand: CHROMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD		% of Detect	
					m3/day	Kg/year	% Total	% Acc
1	NORTH WEST	Irish Sea	Albright & Wilson	14000		28200.00	17.82%	17.82%
2	ANGLIAN	Humber	SCM CHEMICALS LTD	20953		22679.34	14.33%	32.15%
3	YORKSHIRE	HUMBER	HULL EAST STW	45026		15635.90	9.88%	42.03%
4	YORKSHIRE	HUMBER	HULL WEST STW	65262		10669.34	6.74%	48.78%
5	YORKSHIRE	AIRE	BEAL	2738464		9858.03	6.23%	55.01%
6	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259		8589.96	5.42%	60.44%
7	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062		7583.16	4.79%	65.23%
8	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103		6989.00	4.41%	69.65%
9	NORTH WEST	Mersey	Howley Weir	2649826		5578.08	3.52%	73.17%
10	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871		4026.05	2.54%	75.72%
11	NORTH WEST	Mersey	Liverpool STW	202985		3425.72	2.16%	77.88%
12	YORKSHIRE	DON	NORTH BRIDGE	746869		2680.11	1.69%	79.58%
13	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537		2222.53	1.40%	80.98%
14	YORKSHIRE	OUSE	NABURN LOCK	277669		1749.46	1.10%	82.09%
15	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037		1736.98	1.09%	83.18%
16	NORTH WEST	Weaver	Frodsham Road Bridge	941054		1645.82	1.04%	84.22%
17	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270		1555.90	0.98%	85.21%
18	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629		1235.46	0.78%	85.99%
19	THAMES	Thames	Thames at Teddington	2969609		1199.54	0.75%	86.75%
20	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231		1100.43	0.69%	87.44%
21	NORTH WEST	Douglas	Wanes Blades	236274		1064.63	0.67%	88.11%
22	NORTH WEST	Mersey	Warrington STW	63540		929.06	0.58%	88.70%
23	THAMES	Thames Estuary	Beckton STW	1121136		887.04	0.56%	89.26%
24	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741		855.62	0.54%	89.80%
25	ANGLIAN	Humber	COURTAULDS	19152		700.53	0.44%	90.25%
26	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583		636.67	0.40%	90.65%
27	NORTH WEST	Ribble	Samlesbury	1529658		596.18	0.37%	91.03%
28	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092		582.44	0.36%	91.39%
29	SOUTHERN	The	Eastney O/F	69211		547.11	0.34%	91.74%
30	YORKSHIRE	HULL	HEMPHOLME LOCK	170458		498.19	0.31%	92.05%
31	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713		494.28	0.31%	92.37%
32	THAMES	Thames Estuary	Crossness STW	670091		491.86	0.31%	92.68%
33	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359		490.22	0.30%	92.99%
34	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727		481.56	0.30%	93.29%
35	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879		473.56	0.29%	93.59%
36	WELSH	Dee	3-DEE-Iron Bridge	2094211		444.60	0.28%	93.87%
37	THAMES	Thames Estuary	Mogden STW	437533		408.61	0.25%	94.13%
38	WESSEX	DORSET STOUR	IFORD	1071556		355.11	0.22%	94.35%
39	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499		332.77	0.21%	94.57%
40	WESSEX	DORSET FROME	HOLME BRIDGE	438163		309.23	0.19%	94.76%
41	NORTH WEST	Darwen	A6 Road Bridge	197844		279.63	0.17%	94.94%
42	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834		267.81	0.16%	95.11%
43	SOUTHERN	English Channel	Brighton Portobello O/F	58752		259.11	0.16%	95.27%
44	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150		249.29	0.15%	95.43%
45	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629		244.18	0.15%	95.58%
46	YORKSHIRE	WHARFE	TADCASTER WEIR	705741		231.23	0.14%	95.73%
47	NORTH WEST	Sankey	Widnes STW	36112		228.67	0.14%	95.87%
48	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917		227.48	0.14%	96.02%
49	YORKSHIRE	NORTH SEA	RUSWARP	341199		217.16	0.13%	96.15%
50	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326		212.25	0.13%	96.29%
51	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099		211.78	0.13%	96.42%
52	WELSH	Swansea Bay	110809-Swansea	27181		199.62	0.12%	96.55%

N.R.A. Annex 1A Low Load Inputs

Determinand: CHROMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
53	THAMES	Thames-Lee	Lee at Carpenters Rd	369594		195.96	0.12%	96.67%
54	NORTH WEST	Wyre	St Michaels	314425		192.63	0.12%	96.79%
55	ANGLIAN	North Sea	CLACTON SCREENED	17734		187.44	0.11%	96.91%
56	YORKSHIRE	HUMBER	SELBY STW	6000		175.79	0.11%	97.02%
57	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107		169.39	0.10%	97.13%
58	WELSH	Usk	40970-USK-Chain Bridge	1171037		160.97	0.10%	97.23%
59	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979		153.88	0.09%	97.33%
60	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390		146.11	0.09%	97.42%
61	NORTH WEST	Alt	Altmouth PS	159597		143.79	0.09%	97.51%
62	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832		142.82	0.09%	97.60%
63	NORTH WEST	Eden	Beaumont	2434269		141.64	0.08%	97.69%
64	SOUTHERN	Arun-Rother (West)	Hardham	310079		137.62	0.08%	97.78%
65	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577		134.91	0.08%	97.86%
66	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102		134.16	0.08%	97.95%
67	NORTH WEST	Kent	Sedgewick	543354		131.13	0.08%	98.03%
68	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519		125.64	0.07%	98.11%
69	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905		121.32	0.07%	98.19%
70	WESSEX	RIVER PIDDLE	WEST MILLS	194177		117.11	0.07%	98.26%
71	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223		117.04	0.07%	98.34%
72	THAMES	Thames Estuary	Long Reach STW	191855		115.00	0.07%	98.41%
73	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698		110.23	0.06%	98.48%
74	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787		99.42	0.06%	98.54%
75	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901		97.26	0.06%	98.60%
76	THAMES	Thames Estuary	Riverside STW	92504		94.15	0.05%	98.66%
77	WELSH	Swansea Bay	30365-Swansea	100530		90.88	0.05%	98.72%
78	SEVERN-TRE	R.IDLE	AT BAWTRY	190198		84.17	0.05%	98.77%
79	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681		81.30	0.05%	98.82%
80	WESSEX	RIVER TONE	KNAPP BRIDGE	194386		79.73	0.05%	98.87%
81	WELSH	Severn Estuary	74008-Severn	36255		79.35	0.05%	98.92%
82	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131		78.07	0.04%	98.97%
83	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657		75.05	0.04%	99.02%
84	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419		69.81	0.04%	99.07%
85	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833		66.15	0.04%	99.11%
86	WELSH	Swansea Bay	74593-Swansea Bay-BP	15984		66.05	0.04%	99.15%
87	THAMES	Thames-Wandle	Beddington STW	68920		63.21	0.04%	99.19%
88	YORKSHIRE	HUMBER	BEVERLEY STW	11393		63.20	0.03%	99.23%
89	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348		62.09	0.03%	99.27%
90	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435		54.95	0.03%	99.30%
91	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315		54.45	0.03%	99.34%
92	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159		52.13	0.03%	99.37%
93	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066		50.06	0.03%	99.40%
94	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209		49.72	0.03%	99.43%
95	NORTH WEST	Mersey	Halewood STW	9299		48.35	0.03%	99.46%
96	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334		43.91	0.02%	99.49%
97	SOUTH WEST	YEO & TAW	R.YEO @ COLLARDS	124587		40.71	0.02%	99.52%
98	ANGLIAN	Yarmouth-Yare	NORWICH	59586		40.35	0.02%	99.54%
99	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941		38.61	0.02%	99.57%
100	WESSEX	HOLES BAY	POOLE S.T.W.	34077		37.29	0.02%	99.59%
101	ANGLIAN	Humber	IMMINGHAM CRUDE	2976		36.69	0.02%	99.61%
102	ANGLIAN	Humber	LOUTH FINAL SED TANK	6307		35.25	0.02%	99.64%
103	NORTH WEST	Ribble	Preston STW	71026		34.55	0.02%	99.66%
104	ANGLIAN	Humber	HYDRO FERTILISERS	7564		32.99	0.02%	99.68%

N.R.A. Annex 1A Low Load Inputs

Determinand: CHROMIUM

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
105	SOUTHERN	English Channel	Hastings Combe Haven	8137	32.85	0.02%	99.70%	0.00%
106	WELSH	Loughor	30456-Loughor-BSC	7642	32.75	0.02%	99.72%	0.00%
107	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	30.87	0.01%	99.74%	28.57%
108	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	28.39	0.01%	99.76%	73.68%
109	WELSH	Loughor	30409-LLIW-Kingsbridge	54514	25.94	0.01%	99.77%	25.00%
110	ANGLIAN	Humber	PYEWIPE PUMPING	15920	25.51	0.01%	99.79%	14.29%
111	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	24.68	0.01%	99.81%	0.00%
112	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	22.50	0.01%	99.82%	90.91%
113	ANGLIAN	Wash-Welland	R.GLEN SURFLEET A16	20538	18.24	0.01%	99.83%	50.00%
114	WESSEX	ENGLISH	WEST BAY O/FALL	13058	18.08	0.01%	99.84%	0.00%
115	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	16.04	0.01%	99.85%	0.00%
116	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	15.96	0.01%	99.86%	0.00%
117	SOUTH WEST	LYME	SHARKHAM POINT	10137	15.21	0.00%	99.87%	0.00%
118	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	15.10	0.00%	99.88%	75.00%
119	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	14.81	0.00%	99.89%	50.00%
120	WELSH	Tawe	30006-NANT-Y-FENDROD	44855	13.26	0.00%	99.90%	46.67%
121	ANGLIAN	Humber	Newton Marsh STW F/E	18634	12.62	0.00%	99.91%	0.00%
122	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	11.76	0.00%	99.92%	75.00%
123	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	10.51	0.00%	99.92%	50.00%
124	SOUTH WEST	ST.AUSTELL	PAR STW	7205	9.66	0.00%	99.93%	0.00%
125	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	9.41	0.00%	99.93%	0.00%
126	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	9.17	0.00%	99.94%	0.00%
127	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7318	8.33	0.00%	99.95%	14.29%
128	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	8.04	0.00%	99.95%	75.00%
129	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	7.23	0.00%	99.96%	18.18%
130	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	6.96	0.00%	99.96%	0.00%
131	WELSH	Coastal	100369-Coastal-Aberystwy	14796	6.58	0.00%	99.96%	16.67%
132	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	6.07	0.00%	99.97%	0.00%
133	WELSH	Neath	71504-Neath-BP-Llandarcy	6747	5.03	0.00%	99.97%	0.00%
134	WELSH	Clwyd	7220-Afon Clwyd-St.	1843	4.11	0.00%	99.97%	0.00%
135	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	3.85	0.00%	99.98%	0.00%
136	SOUTH WEST	RIVER FAL	TREGONEY	126671	3.53	0.00%	99.98%	88.89%
137	SOUTH WEST	HOOE LAKE OFF	PLYMOUTH, RADFORD	5160	3.26	0.00%	99.98%	40.00%
138	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	2.76	0.00%	99.98%	60.00%
139	WELSH	Neath	71532-Neath-Leachate	1000	2.68	0.00%	99.98%	8.33%
140	THAMES	Thames-Beverley	Worcester Park STW	32804	2.59	0.00%	99.99%	83.33%
141	YORKSHIRE	HUMBER	CRODA, GOOLE	556	2.50	0.00%	99.99%	0.00%
142	ANGLIAN	Colne/Blackwater	COLCHESTER	24742	2.23	0.00%	99.99%	66.67%
143	WELSH	Afan	11009-Afan-ABP	44	2.11	0.00%	99.99%	0.00%
144	ANGLIAN	Wash	CONOCO GAS	464	2.06	0.00%	99.99%	0.00%
145	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	1.59	0.00%	99.99%	50.00%
146	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	1.42	0.00%	99.99%	66.67%
147	ANGLIAN	Wash-Nene	WISBECH STW	13936	0.84	0.00%	99.99%	85.71%
148	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	0.82	0.00%	99.99%	75.00%
149	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	0.55	0.00%	99.99%	0.00%
150	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	0.52	0.00%	99.99%	20.00%
151	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	0.17	0.00%	100.00%	8.33%
152	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43	0.01	0.00%	100.00%	42.86%
153	ANGLIAN	Humber	MTM AGROCHEMICALS	9	0.00	0.00%	100.00%	16.67%

N.R.A. Annex 1A Low Load Inputs

Determinand: NICKEL

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
1	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	45271.73	29.41%	29.41%	0.00%
2	NORTH WEST	Mersey	Howley Weir	2649826	7509.83	4.88%	34.29%	1.75%
3	WELSH	Tawe	30001-TAWE-Morrison	817398	7407.41	4.81%	39.11%	0.00%
4	YORKSHIRE	AIRE	BEAL	2738464	6501.46	4.22%	43.33%	0.00%
5	NORTH WEST	Irish Sea	Albright & Wilson	14000	4859.99	3.15%	46.49%	0.00%
6	YORKSHIRE	DON	NORTH BRIDGE	746869	4530.73	2.94%	49.43%	0.00%
7	ANGLIAN	North Sea	CLACTON SCREENED	17734	3929.37	2.55%	51.99%	0.00%
8	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062	3378.95	2.19%	54.18%	0.00%
9	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	3333.93	2.16%	56.35%	58.33%
10	THAMES	Thames Estuary	Beckton STW	1121136	2762.16	1.79%	58.15%	8.33%
11	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	2755.32	1.79%	59.94%	65.22%
12	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	2442.54	1.58%	61.52%	50.00%
13	THAMES	Thames Estuary	Crossness STW	670091	2424.51	1.57%	63.10%	0.00%
14	WELSH	Neath	10004-NEATH-500m	754045	2220.73	1.44%	64.54%	7.69%
15	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	2178.83	1.41%	65.96%	8.33%
16	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	2113.83	1.37%	67.33%	41.67%
17	NORTH WEST	Weaver	Frodsham Road Bridge	941054	1915.13	1.24%	68.58%	0.00%
18	THAMES	Thames Estuary	Mogden STW	437533	1858.57	1.20%	69.78%	0.00%
19	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	1664.46	1.08%	70.87%	18.18%
20	WESSEX	DORSET STOUR	IFORD	1071556	1563.42	1.01%	71.88%	53.33%
21	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	1466.08	0.95%	72.83%	82.35%
22	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	1425.68	0.92%	73.76%	0.00%
23	WELSH	Tywi	31601-TYWI-Nantgaredig	3020679	1422.47	0.92%	74.68%	93.75%
24	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	1373.63	0.89%	75.58%	11.76%
25	WELSH	Ebbw	40430-EBBW	544668	1371.83	0.89%	76.47%	0.00%
26	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	1346.55	0.87%	77.34%	0.00%
27	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	1327.84	0.86%	78.21%	0.00%
28	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	1299.32	0.84%	79.05%	0.00%
29	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	1216.40	0.79%	79.84%	0.00%
30	WESSEX	DORSET FROME	HOLME BRIDGE	438163	1204.51	0.78%	80.62%	21.43%
31	WELSH	Dee	3-DEE-Iron Bridge	2094211	1195.33	0.77%	81.40%	65.22%
32	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	1187.37	0.77%	82.17%	25.00%
33	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	949.60	0.61%	82.79%	16.67%
34	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	860.27	0.55%	83.35%	0.00%
35	SOUTHERN	The	Eastney O/F	69211	834.74	0.54%	83.89%	0.00%
36	WELSH	Loughor	30401-LOUGHOR-Abv	449418	805.02	0.52%	84.41%	18.75%
37	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583	778.70	0.50%	84.92%	63.64%
38	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	777.37	0.50%	85.43%	0.00%
39	THAMES	Thames Estuary	Riverside STW	92504	764.63	0.49%	85.92%	0.00%
40	THAMES	Thames	Thames at Teddington	2969609	708.90	0.46%	86.38%	58.33%
41	NORTH WEST	Mersey	Liverpool STW	202985	693.74	0.45%	86.83%	16.67%
42	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	683.68	0.44%	87.28%	7.14%
43	YORKSHIRE	NORTH SEA	RUSWARP	341199	682.84	0.44%	87.72%	0.00%
44	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	678.77	0.44%	88.16%	25.00%
45	WESSEX	HOLES BAY	POOLE S.T.W.	34077	660.91	0.42%	88.59%	0.00%
46	NORTH WEST	Darwen	A6 Road Bridge	197844	654.34	0.42%	89.02%	4.76%
47	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	640.50	0.41%	89.43%	0.00%
48	NORTH WEST	Ribble	Samlesbury	1529658	578.29	0.37%	89.81%	86.00%
49	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	567.97	0.36%	90.18%	0.00%
50	YORKSHIRE	HUMBER	HULL EAST STW	45026	551.89	0.35%	90.54%	0.00%
51	NORTH WEST	Alt	Altmouth PS	159597	549.60	0.35%	90.89%	4.08%
52	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	543.18	0.35%	91.25%	16.67%

N.R.A. Annex 1A Low Load Inputs

Determinand: NICKEL

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD		% of Detect Limits
					Kg/year	% Total	
53	SOUTH WEST	ST. IVES BAY,	ST EARTH	62064	533.26	0.34%	91.59%
54	WELSH	Rhymney	18001-RHYMNEY-AI	551424	525.28	0.34%	91.94%
55	WELSH	Taff	17001-TAFF-Blackweir RS	998654	501.80	0.32%	92.26%
56	SOUTHERN	Arun-Rother (West)	Hardham	310079	428.91	0.27%	92.54%
57	SOUTHERN	English Channel	Brighton Portobello O/F	58752	421.73	0.27%	92.81%
58	ANGLIAN	Yarmouth-Waveney	LOWESTOFT NESS	18223	416.43	0.27%	93.09%
59	NORTH WEST	Mersey	Halewood STW	9299	416.36	0.27%	93.36%
60	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	409.98	0.26%	93.62%
61	NORTH WEST	Sankey	Widnes STW	36112	392.00	0.25%	93.88%
62	WELSH	Usk	40970-USK-Chain Bridge	1171037	363.75	0.23%	94.11%
63	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491	359.10	0.23%	94.35%
64	WELSH	Severn Estuary	74008-Severn	36255	348.73	0.22%	94.57%
65	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	344.85	0.22%	94.80%
66	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	340.15	0.22%	95.02%
67	WELSH	Ogmore	13001-Ogmore-Dipping	488065	328.38	0.21%	95.23%
68	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	327.24	0.21%	95.44%
69	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435	326.05	0.21%	95.66%
70	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	288.39	0.18%	95.84%
71	WELSH	Afan	74046-Afan-Afan Pumping	67219	287.75	0.18%	96.03%
72	WELSH	Swansea Bay	30365-Swansea	100530	284.52	0.18%	96.22%
73	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	258.73	0.16%	96.38%
74	WESSEX	RIVER PIDDLE	WEST MILLS	194177	255.65	0.16%	96.55%
75	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	242.59	0.15%	96.71%
76	WELSH	Tawe	30006-NANT-Y-FENDROD	44855	214.62	0.13%	96.85%
77	ANGLIAN	Yarmouth-Yare	NORWICH	59586	214.34	0.13%	96.99%
78	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	213.30	0.13%	97.12%
79	NORTH WEST	Mersey	Warrington STW	63540	200.51	0.13%	97.26%
80	WELSH	Swansea Bay	74593-Swansea Bay-BP	15984	192.52	0.12%	97.38%
81	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	188.96	0.12%	97.50%
82	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	188.89	0.12%	97.63%
83	THAMES	Thames Estuary	Long Reach STW	191855	185.90	0.12%	97.75%
84	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	185.12	0.12%	97.87%
85	YORKSHIRE	HUMBER	HULL WEST STW	65262	169.66	0.11%	97.98%
86	NORTH WEST	Douglas	Wanes Blades	236274	160.69	0.10%	98.08%
87	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	159.61	0.10%	98.19%
88	ANGLIAN	Stour Estuary	R.STOUR, LANGHAM	179144	145.22	0.09%	98.28%
89	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	140.22	0.09%	98.37%
90	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	121.15	0.07%	98.45%
91	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	119.42	0.07%	98.53%
92	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	116.95	0.07%	98.60%
93	SOUTH WEST	YEO & TAW	R.YEO @ COLLARDS	124587	105.84	0.06%	98.67%
94	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	100.82	0.06%	98.74%
95	YORKSHIRE	OUSE	NABURN LOCK	277669	100.54	0.06%	98.80%
96	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	97.03	0.06%	98.87%
97	SOUTHERN	English Channel	Hastings Combe Haven	8137	86.30	0.05%	98.92%
98	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	83.50	0.05%	98.98%
99	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	83.48	0.05%	99.03%
100	THAMES	Thames-Wandle	Beddington STW	68920	83.32	0.05%	99.08%
101	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	83.07	0.05%	99.14%
102	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	81.05	0.05%	99.19%
103	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	76.56	0.04%	99.24%
104	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	63.82	0.04%	99.28%

N.R.A. Annex 1A Low Load Inputs

Determinand: NICKEL

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
105	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	61.88	0.04%	99.32%	27.27%
106	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	58.69	0.03%	99.36%	0.00%
107	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	58.62	0.03%	99.40%	50.00%
108	ANGLIAN	Humber	HYDRO FERTILISERS	7564	56.91	0.03%	99.44%	47.37%
109	ANGLIAN	Wash-Welland	R.GLEN SURFLEET A16	20538	56.57	0.03%	99.47%	25.00%
110	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	55.06	0.03%	99.51%	25.00%
111	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	54.48	0.03%	99.54%	60.00%
112	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	45.41	0.02%	99.57%	6.67%
113	SOUTH WEST	RIVER FAL	TREGONEY	126671	42.67	0.02%	99.60%	66.67%
114	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	41.50	0.02%	99.63%	14.29%
115	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319	40.58	0.02%	99.65%	0.00%
116	ANGLIAN	Colne/Blackwater	COLCHESTER	24742	33.03	0.02%	99.68%	16.67%
117	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	32.55	0.02%	99.70%	27.27%
118	NORTH WEST	Ribble	Preston STW	71028	28.21	0.01%	99.72%	73.33%
119	ANGLIAN	Yarmouth-Bure	R.BURE HORSTEAD MILL	156490	27.17	0.01%	99.73%	50.00%
120	ANGLIAN	Humber	PYEWIPE PUMPING	15920	27.14	0.01%	99.75%	28.57%
121	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	26.86	0.01%	99.77%	50.00%
122	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	26.42	0.01%	99.79%	92.31%
123	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	26.29	0.01%	99.80%	62.50%
124	SOUTH WEST	ST.AUSTELL	PAR STW	7205	25.37	0.01%	99.82%	25.00%
125	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	25.27	0.01%	99.84%	80.00%
126	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	18.81	0.01%	99.85%	0.00%
127	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	18.11	0.01%	99.86%	25.00%
128	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	17.88	0.01%	99.87%	50.00%
129	SOUTH WEST	LYME	SHARKHAM POINT	10137	17.58	0.01%	99.88%	25.00%
130	WESSEX	ENGLISH	WEST BAY O/FALL	13058	17.46	0.01%	99.89%	42.86%
131	ANGLIAN	Wash-Nene	WISBECH STW	13936	17.42	0.01%	99.90%	42.86%
132	WELSH	Coastal	100369-Coastal-Aberystwy	14796	15.31	0.01%	99.91%	50.00%
133	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	14.89	0.00%	99.92%	25.00%
134	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	14.53	0.00%	99.93%	16.67%
135	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	11.78	0.00%	99.94%	0.00%
136	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	10.74	0.00%	99.95%	33.33%
137	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	9.89	0.00%	99.96%	20.00%
138	YORKSHIRE	HUMBER	SELBY STW	6000	9.82	0.00%	99.96%	16.67%
139	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	8.74	0.00%	99.97%	66.67%
140	ANGLIAN	Humber	Newton Marsh STW F/E	18634	7.75	0.00%	99.97%	42.86%
141	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	7.42	0.00%	99.98%	28.57%
142	THAMES	Thames-Beverley	Worcester Park STW	32804	4.45	0.00%	99.98%	91.67%
143	NORTH WEST	Derwent	Workington	2101432	4.06	0.00%	99.98%	91.67%
144	ANGLIAN	Humber	LOUTH FINAL SED TANK	6307	2.85	0.00%	99.98%	50.00%
145	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	2.77	0.00%	99.99%	66.67%
146	YORKSHIRE	HUMBER	CRODA, GOOLE	556	2.68	0.00%	99.99%	14.29%
147	SOUTH WEST	HOOE LAKE OFF	PLYMOUTH, RADFORD	5160	2.61	0.00%	99.99%	80.00%
148	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	2.22	0.00%	99.99%	0.00%
149	ANGLIAN	Wash	CONOCO GAS	464	1.45	0.00%	99.99%	0.00%
150	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	1.39	0.00%	99.99%	80.00%
151	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	1.03	0.00%	99.99%	7.69%
152	ANGLIAN	Humber	MTM AGROCHEMICALS	9	0.84	0.00%	99.99%	0.00%
153	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	0.72	0.00%	99.99%	0.00%
154	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43	0.28	0.00%	99.99%	14.29%
155	WELSH	Afan	11009-Afan-ABP	44	0.27	0.00%	100.00%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: ARSENIC

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	Kg/year	% Total	Limits
1	YORKSHIRE	AIRE	BEAL	2738464	5276.39	12.56%	12.56%	0.00%
2	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	4914.64	11.70%	24.26%	0.00%
3	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	3951.54	9.40%	33.67%	0.00%
4	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	3613.54	8.60%	42.27%	0.00%
5	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	2355.34	5.60%	47.88%	0.00%
6	NORTH WEST	Mersey	Howley Weir	2649826	1453.43	3.46%	51.34%	9.09%
7	YORKSHIRE	DON	NORTH BRIDGE	746869	1283.02	3.05%	54.40%	0.00%
8	NORTH WEST	Weaver	Frodsham Road Bridge	941054	1210.90	2.88%	57.28%	0.00%
9	SOUTH WEST	TAVY ESTUARY	LOPWELL DAM	485000	1129.83	2.69%	59.97%	0.00%
10	THAMES	Thames Estuary	Beckton STW	1121136	1080.73	2.57%	62.55%	0.00%
11	NORTH WEST	Ribble	Samlesbury	1529658	1076.00	2.56%	65.11%	0.00%
12	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	942.56	2.24%	67.35%	50.00%
13	SOUTH WEST	ST. IVES BAY,	GWITHIAN TOWANS	89491	891.66	2.12%	69.48%	0.00%
14	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	852.45	2.02%	71.50%	7.14%
15	YORKSHIRE	NORTH SEA	CLEVELAND POTASH	29062	750.37	1.78%	73.29%	9.09%
16	SOUTH WEST	CAMEL ESTUARY	GROGLEY HALT	632267	702.01	1.67%	74.96%	0.00%
17	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	651.48	1.55%	76.51%	33.33%
18	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	616.66	1.46%	77.98%	0.00%
19	THAMES	Thames	Thames at Teddington	2969609	502.26	1.19%	79.18%	33.33%
20	NORTH WEST	Irish Sea	Albright & Wilson	14000	497.81	1.16%	80.36%	0.00%
21	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	460.09	1.09%	81.46%	0.00%
22	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	424.26	1.01%	82.47%	33.33%
23	NORTH WEST	Alt	Altmouth PS	159597	421.16	1.00%	83.47%	0.00%
24	NORTH WEST	Derwent	Workington	2101432	405.42	0.96%	84.44%	83.33%
25	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829	387.40	0.92%	85.36%	0.00%
26	NORTH WEST	Eden	Beaumont	2434269	331.31	0.78%	86.15%	50.00%
27	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	278.87	0.66%	86.81%	0.00%
28	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	264.33	0.62%	87.44%	0.00%
29	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	260.15	0.61%	88.06%	83.33%
30	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	253.74	0.60%	88.67%	0.00%
31	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	245.14	0.58%	89.25%	0.00%
32	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM)	1339348	229.90	0.54%	89.80%	36.36%
33	NORTH WEST	Douglas	Wanes Blades	236274	225.44	0.53%	90.33%	0.00%
34	THAMES	Thames Estuary	Crossness STW	670091	185.54	0.44%	90.78%	58.33%
35	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	180.46	0.42%	91.21%	25.00%
36	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	177.23	0.42%	91.63%	25.00%
37	YORKSHIRE	HUMBER	HULL WEST STW	65262	173.79	0.41%	92.04%	0.00%
38	SOUTH WEST	RIVER FAL	TREGONEY	126671	173.03	0.41%	92.45%	0.00%
39	WESSEX	DORSET STOUR	IFORD	1071556	156.10	0.37%	92.83%	86.67%
40	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	120.33	0.28%	93.11%	0.00%
41	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	118.89	0.28%	93.40%	75.00%
42	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	118.53	0.28%	93.68%	0.00%
43	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	118.40	0.28%	93.96%	0.00%
44	SOUTH WEST	AXE ESTUARY	AXE BRIDGE	554583	114.87	0.27%	94.23%	72.73%
45	SOUTH WEST	ST. IVES BAY,	ST ERTH	62064	111.77	0.26%	94.50%	0.00%
46	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	109.82	0.26%	94.76%	0.00%
47	SOUTH WEST	LYNHER OR ST.	RIVER TIDDY AT	82848	106.85	0.25%	95.02%	0.00%
48	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	100.33	0.23%	95.25%	10.00%
49	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	96.37	0.22%	95.48%	50.00%
50	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	93.31	0.22%	95.71%	50.00%
51	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	91.83	0.21%	95.92%	50.00%
52	YORKSHIRE	HUMBER	HULL EAST STW	45026	87.30	0.20%	96.13%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: ARSENIC

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					Kg/year	% Total	% Acc	
53	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	81.45	0.19%	96.33%	0.00%
54	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	81.31	0.19%	96.52%	50.00%
55	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	77.24	0.18%	96.70%	54.55%
56	THAMES	Thames Estuary	Mogden STW	437533	75.67	0.18%	96.88%	58.33%
57	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	72.47	0.17%	97.06%	0.00%
58	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	64.14	0.15%	97.21%	0.00%
59	YORKSHIRE	OUSE	NABURN LOCK	277669	63.61	0.15%	97.36%	51.61%
60	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	59.05	0.14%	97.50%	25.00%
61	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	58.47	0.13%	97.64%	0.00%
62	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	54.15	0.12%	97.77%	26.47%
63	THAMES	Thames Estuary	Riverside STW	92504	53.02	0.12%	97.90%	18.18%
64	NORTH WEST	Darwen	A6 Road Bridge	197844	46.34	0.11%	98.01%	46.15%
65	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	45.57	0.10%	98.11%	9.09%
66	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	44.53	0.10%	98.22%	50.00%
67	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	42.92	0.10%	98.32%	60.00%
68	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	40.78	0.09%	98.42%	0.00%
69	WELSH	Severn Estuary	74008-Severn	36255	39.89	0.09%	98.52%	0.00%
70	WESSEX	DORSET FROME	HOLME BRIDGE	438163	34.97	0.08%	98.60%	92.86%
71	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	31.86	0.07%	98.67%	25.00%
72	NORTH WEST	Lune	Denny Bridge	1363286	27.75	0.06%	98.74%	84.82%
73	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	27.52	0.06%	98.81%	64.71%
74	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	26.24	0.06%	98.87%	50.00%
75	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	24.12	0.05%	98.93%	75.00%
76	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	23.72	0.05%	98.98%	66.67%
77	ANGLIAN	Humber	COURTAULDS	19152	23.13	0.05%	99.04%	26.32%
78	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	22.36	0.05%	99.09%	45.45%
79	WESSEX	HOLES BAY	POOLE S.T.W.	34077	20.85	0.04%	99.14%	0.00%
80	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	20.64	0.04%	99.19%	32.35%
81	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	20.12	0.04%	99.24%	0.00%
82	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	19.32	0.04%	99.28%	77.78%
83	ANGLIAN	Humber	HYDRO FERTILISERS	7564	19.31	0.04%	99.33%	0.00%
84	NORTH WEST	Wyre	St Michaels	314425	17.71	0.04%	99.37%	63.64%
85	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	15.61	0.03%	99.41%	9.09%
86	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	14.96	0.03%	99.44%	50.00%
87	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	14.30	0.03%	99.48%	0.00%
88	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	12.73	0.03%	99.51%	0.00%
89	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	12.38	0.02%	99.54%	37.50%
90	SOUTH WEST	ST.AUSTELL	PAR STW	7205	12.13	0.02%	99.57%	0.00%
91	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	11.76	0.02%	99.60%	75.00%
92	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	11.73	0.02%	99.62%	50.00%
93	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	11.15	0.02%	99.65%	0.00%
94	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	10.61	0.02%	99.67%	25.00%
95	ANGLIAN	Stour Estuary	R.STOUR, LANGHAM	179144	10.48	0.02%	99.70%	75.00%
96	WELSH	Afan	11009-Afan-ABP	44	10.45	0.02%	99.72%	0.00%
97	ANGLIAN	Humber	PYEWIPE PUMPING	15920	9.69	0.02%	99.75%	57.14%
98	NORTH WEST	Kent	Sedgewick	543354	8.91	0.02%	99.77%	91.67%
99	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	8.85	0.02%	99.79%	33.33%
100	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	7.86	0.01%	99.81%	77.78%
101	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	7.74	0.01%	99.83%	0.00%
102	THAMES	Thames Estuary	Kew STW	33700	7.20	0.01%	99.84%	41.67%
103	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	6.73	0.01%	99.86%	76.92%
104	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	6.60	0.01%	99.88%	50.00%

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Determinand: TIN_ORG

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Determinand: PCB_TOTAL

Printed: 08/07/97

N.R.A. Annex 1A Low Load Inputs

Determinand: HCH

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	27162.48	18.93%	18.93%	24.14%
2	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	12035.62	8.39%	27.32%	30.77%
3	THAMES	Thames Estuary	Beckton STW	1121136	11755.82	8.19%	35.52%	9.09%
4	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	10909.84	7.61%	43.12%	63.64%
5	SOUTHERN	North Sea - Medway	U/S Allington Sluice	565052	10044.61	7.00%	50.13%	0.00%
6	THAMES	Thames Estuary	Crossness STW	670091	8729.19	6.08%	56.21%	8.33%
7	THAMES	Thames	Thames at Teddington	2969609	8022.64	5.59%	61.80%	27.27%
8	THAMES	Thames Estuary	Mogden STW	437533	7117.01	4.96%	66.76%	0.00%
9	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	6144.14	4.28%	71.05%	0.00%
10	NORTH WEST	Weaver	Frodsham Road Bridge	941054	3994.82	2.78%	73.83%	66.67%
11	THAMES	Thames Estuary	Long Reach STW	191855	3463.85	2.41%	76.25%	25.00%
12	WESSEX	DORSET STOUR	IFORD	1071556	3010.39	2.10%	78.34%	6.67%
13	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	2684.76	1.87%	80.22%	16.67%
14	NORTH WEST	Mersey	Howley Weir	2649826	2678.46	1.87%	82.08%	88.89%
15	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	1768.27	1.23%	83.32%	25.00%
16	NORTH WEST	Derwent	Workington	2101432	1596.46	1.11%	84.43%	83.33%
17	NORTH WEST	Mersey	Warrington STW	63540	1410.44	0.98%	85.41%	80.00%
18	NORTH WEST	Ribble	Samlesbury	1529658	1245.09	0.87%	86.28%	83.33%
19	THAMES	Thames-Wandle	Beddington STW	68920	1231.38	0.86%	87.14%	0.00%
20	NORTH WEST	Sankey	Widnes STW	36112	1116.34	0.78%	87.92%	92.31%
21	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	1090.32	0.76%	88.68%	16.67%
22	THAMES	Thames Estuary	Riverside STW	92504	961.73	0.67%	89.35%	11.11%
23	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	846.14	0.59%	89.94%	0.00%
24	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	835.96	0.58%	90.52%	15.38%
25	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	725.60	0.51%	91.03%	0.00%
26	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058	710.32	0.50%	91.52%	70.00%
27	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	697.66	0.49%	92.01%	21.74%
28	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	690.72	0.48%	92.49%	64.71%
29	WESSEX	RIVER BRUE	BASON BRIDGE	231656	571.90	0.40%	92.89%	0.00%
30	NORTH WEST	Eden	Beaumont	2434269	527.77	0.37%	93.26%	92.31%
31	THAMES	Thames-Beverley	Worcester Park STW	32804	508.72	0.35%	93.61%	0.00%
32	NORTH WEST	Douglas	Wanes Blades	236274	500.71	0.35%	93.96%	88.89%
33	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	500.28	0.35%	94.31%	0.00%
34	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	473.78	0.33%	94.64%	41.67%
35	ANGLIAN	Yarmouth-Yare	NORWICH	59586	471.10	0.33%	94.97%	0.00%
36	THAMES	Thames Estuary	Kew STW	33700	468.63	0.33%	95.29%	8.33%
37	NORTH WEST	Alt	Altmouth PS	159597	428.33	0.30%	95.59%	64.71%
38	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	344.83	0.24%	95.83%	50.00%
39	WESSEX	DORSET FROME	HOLME BRIDGE	438163	320.82	0.22%	96.06%	76.92%
40	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	305.45	0.21%	96.27%	28.57%
41	WESSEX	HOLES BAY	POOLE S.T.W.	34077	292.07	0.20%	96.47%	0.00%
42	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	269.64	0.19%	96.66%	0.00%
43	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	256.01	0.18%	96.84%	20.00%
44	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	229.20	0.16%	97.00%	41.67%
45	SOUTH WEST	RIVER FAL	TREGONEY	126671	225.26	0.16%	97.16%	85.71%
46	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	216.67	0.15%	97.31%	90.91%
47	SOUTH WEST	LYME	SHARKHAM POINT	10137	189.49	0.14%	97.45%	15.38%
48	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	192.72	0.13%	97.58%	30.00%
49	WESSEX	ENGLISH	WEST BAY O/FALL	13058	191.29	0.13%	97.71%	0.00%
50	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	189.27	0.13%	97.84%	66.67%
51	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	177.43	0.12%	97.97%	20.00%
52	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	175.81	0.12%	98.09%	0.00%

Determindand: HCH

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N.R.A. Annex 1A Low Load Inputs

Determinand: GAMMA_HCH

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259		27162.48	16.55%	24.14%
2	YORKSHIRE	AIRE	BEAL	2738464		21032.79	12.82%	0.00%
3	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871		11017.46	6.71%	38.46%
4	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537		10909.84	6.65%	63.64%
5	THAMES	Thames Estuary	Beckton STW	1121136		8810.50	5.37%	0.00%
6	THAMES	Thames Estuary	Crossness STW	670091		6496.91	3.96%	8.33%
7	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741		6131.67	3.74%	0.00%
8	THAMES	Thames Estuary	Mogden STW	437533		5334.60	3.25%	0.00%
9	THAMES	Thames	Thames at Teddington	2969609		4261.25	2.60%	61.64%
10	NORTH WEST	Weaver	Frodsham Road Bridge	941054		3739.77	2.28%	66.67%
11	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750		3437.52	2.09%	66.02%
12	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326		3151.66	1.92%	67.94%
13	WESSEX	DORSET STOUR	IFORD	1071556		3010.39	1.83%	6.67%
14	THAMES	Thames Estuary	Long Reach STW	191855		2893.54	1.76%	71.53%
15	NORTH WEST	Mersey	Howley Weir	2649826		2678.46	1.63%	88.89%
16	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519		2670.80	1.63%	30.00%
17	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681		1784.37	1.09%	75.88%
18	THAMES	Thames-Lee	Lee at Carpenters Rd	369594		1749.66	1.07%	8.33%
19	SOUTHERN	English Channel	Brighton Portobello O/F	58752		1624.99	0.99%	0.00%
20	NORTH WEST	Derwent	Workington	2101432		1623.68	0.99%	83.33%
21	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901		1539.11	0.94%	79.87%
22	SOUTHERN	North Sea - Medway	U/S Allington Sluice	565052		1508.04	0.92%	8.33%
23	YORKSHIRE	DON	NORTH BRIDGE	746869		1497.89	0.91%	0.00%
24	NORTH WEST	Mersey	Warrington STW	63540		1459.97	0.89%	79.31%
25	NORTH WEST	Ribble	Samlesbury	1529658		1245.09	0.76%	83.35%
26	YORKSHIRE	HUMBER	HULL EAST STW	45026		1164.21	0.71%	53.33%
27	NORTH WEST	Sankey	Widnes STW	36112		1116.34	0.68%	92.31%
28	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231		1090.32	0.66%	16.67%
29	SOUTHERN	The	Eastney O/F	69211		944.32	0.58%	0.00%
30	THAMES	Thames-Wandle	Beddington STW	68920		943.54	0.57%	86.55%
31	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359		835.96	0.51%	15.38%
32	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979		831.90	0.51%	0.00%
33	THAMES	Thames Estuary	Riverside STW	92504		738.85	0.45%	88.02%
34	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058		710.32	0.43%	88.45%
35	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131		697.66	0.43%	21.74%
36	WESSEX	RIVER TONE	KNAPP BRIDGE	194386		673.70	0.41%	89.29%
37	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834		624.86	0.38%	21.43%
38	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629		594.77	0.36%	15.38%
39	WESSEX	RIVER BRUE	BASON BRIDGE	231656		571.90	0.35%	0.00%
40	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270		564.28	0.34%	64.71%
41	NORTH WEST	Eden	Beaumont	2434269		548.88	0.33%	92.00%
42	SOUTHERN	Medway-Bartlett	Motney Hill STW	36782		542.56	0.33%	0.00%
43	NORTH WEST	Douglas	Wanes Blades	236274		500.71	0.31%	88.89%
44	SOUTHERN	The	Budds Farm STW	46321		490.04	0.30%	0.00%
45	SEVERN-TRE	R.IDLE	AT BAWTRY	190198		473.78	0.29%	41.67%
46	ANGLIAN	Yarmouth-Yare	NORWICH	59586		471.10	0.29%	0.00%
47	NORTHUMBRI	NORTH SEA -	TWEED AT NORHAM	3819344		455.01	0.28%	66.67%
48	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832		396.12	0.24%	12.50%
49	THAMES	Thames-Beverley	Worcester Park STW	32804		376.35	0.23%	0.00%
50	NORTH WEST	Alt	Altmouth PS	159597		365.40	0.22%	72.73%
51	SOUTHERN	English Channel	Eastbourne Langney Point	31452		353.59	0.22%	0.00%
52	THAMES	Thames Estuary	Kew STW	33700		346.84	0.21%	8.33%

N.R.A. Annex 1A Low Load Inputs

Determinand: GAMMA_HCH

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					g/year	% Total	% Acc	
53	NORTHUMBRI	NORTH SEA	LANGBAURGH SEA O/F	22100	345.96	0.21%	94.17%	44.44%
54	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	344.93	0.21%	94.38%	50.00%
55	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	338.43	0.21%	94.59%	75.00%
56	WESSEX	DORSET FROME	HOLME BRIDGE	438163	320.92	0.20%	94.79%	76.92%
57	SOUTHERN	English	Bretts Bridge	130687	319.66	0.18%	94.98%	0.00%
58	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	305.45	0.19%	95.17%	28.57%
59	SOUTHERN	English Channel	Dover O/F	14070	304.07	0.19%	95.35%	0.00%
60	WESSEX	HOLES BAY	POOLE S.T.W.	34077	292.07	0.18%	95.53%	0.00%
61	YORKSHIRE	HUMBER	HULL WEST STW	65262	278.53	0.17%	95.70%	57.14%
62	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	268.43	0.16%	95.86%	0.00%
63	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	256.01	0.16%	96.02%	20.00%
64	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	229.20	0.14%	96.16%	41.67%
65	SOUTH WEST	RIVER FAL	TREGONEY	126671	225.26	0.14%	96.30%	85.71%
66	SOUTH WEST	TEIGN ESTUARY	TEIGNMOUTH LONG SEA	22825	217.01	0.13%	96.43%	0.00%
67	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	198.62	0.12%	96.55%	91.67%
68	SOUTHERN	English Channel	Margate O/F	19893	197.38	0.12%	96.67%	8.33%
69	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	192.72	0.12%	96.79%	30.00%
70	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	189.27	0.12%	96.90%	66.67%
71	WESSEX	ENGLISH	WEST BAY O/FALL	13058	185.51	0.11%	97.02%	0.00%
72	SOUTH WEST	LYME	SHARKHAM POINT	10137	178.94	0.11%	97.12%	15.38%
73	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	177.43	0.11%	97.23%	20.00%
74	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	171.95	0.10%	97.34%	36.36%
75	YORKSHIRE	OUSE	NABURN LOCK	277669	158.74	0.10%	97.43%	16.67%
76	ANGLIAN	Humber	PYEWIPE PUMPING	15920	158.23	0.10%	97.53%	66.67%
77	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	157.51	0.10%	97.63%	0.00%
78	SOUTH WEST	EXE ESTUARY	TREWS WEIR (HM	1339348	153.48	0.09%	97.72%	81.82%
79	SOUTH WEST	WESTERN MILL	PLYMOUTH, CAMEL'S	15629	150.88	0.09%	97.81%	0.00%
80	SOUTH WEST	TEIGN ESTUARY	TEIGN BRIDGE	689760	141.50	0.09%	97.90%	63.64%
81	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	134.00	0.08%	97.98%	66.67%
82	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	132.78	0.08%	98.06%	41.67%
83	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	129.28	0.08%	98.14%	15.00%
84	YORKSHIRE	HUMBER	SELBY STW	6000	127.02	0.08%	98.22%	60.00%
85	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	126.75	0.08%	98.29%	36.84%
86	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	125.58	0.08%	98.37%	30.00%
87	ANGLIAN	Wash-Witham	BOSTON HUMUS TANK	15658	117.52	0.07%	98.44%	33.33%
88	NORTH WEST	Ribble	Preston STW	71026	113.12	0.07%	98.51%	84.00%
89	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	108.95	0.07%	98.58%	0.00%
90	SOUTHERN	English Channel	Folkestone Copt Point O/F	14409	98.30	0.06%	98.64%	8.33%
91	WESSEX	RIVER PIDDLE	WEST MILLS	194177	95.17	0.06%	98.70%	84.62%
92	NORTH WEST	Wyre	St Michaels	314425	94.41	0.06%	98.75%	77.78%
93	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	94.36	0.06%	98.81%	33.33%
94	YORKSHIRE	HUMBER	BEVERLEY STW	11393	91.17	0.06%	98.87%	55.56%
95	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	88.24	0.05%	98.92%	50.00%
96	NORTHUMBRI	TEES - GREATHAM	TIOXIDE LTD	4917	87.85	0.05%	98.97%	90.00%
97	NORTHUMBRI	NORTH SEA -	BLYTH/CRAMLINGTON	12960	86.37	0.05%	99.03%	36.36%
98	ANGLIAN	Humber	Newton Marsh STW F/E	18634	86.11	0.05%	99.08%	33.33%
99	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	83.71	0.05%	99.13%	0.00%
100	SOUTHERN	English Channel	Hastings Combe Haven	8137	83.45	0.05%	99.18%	7.69%
101	YORKSHIRE	HUMBER	GOOLE STW	3862	83.14	0.05%	99.23%	33.33%
102	NORTHUMBRI	NORTH SEA -	WANSBECK AT	126534	82.13	0.05%	99.28%	45.45%
103	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	77.28	0.05%	99.33%	0.00%
104	NORTHUMBRI	NORTH SEA -	COQUET AT	550338	75.86	0.05%	99.37%	57.14%

N.R.A. Annex 1A Low Load Inputs

Determinand: GAMMA_HCH

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
105	SOUTH WEST	HOOE LAKE OFF	PLYMOUTH, RADFORD	5160	69.22	0.04%	99.42%	0.00%
106	NORTHUMBRI	GREATHAM	BILLINGHAM STW	11316	67.25	0.04%	99.46%	56.25%
107	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	67.08	0.04%	99.50%	80.00%
108	NORTHUMBRI	NORTH SEA -	WASHINGTON	20895	64.43	0.04%	99.54%	58.33%
109	ANGLIAN	Colne/Blackwater	WITHAM STW. FINAL	7319	61.26	0.04%	99.58%	0.00%
110	SOUTH WEST	TORRIDGE	BEAM BRIDGE (HM)	472066	56.39	0.03%	99.61%	76.92%
111	ANGLIAN	Colne/Mardyke	MARDYKE, A13 ROAD	21612	52.84	0.03%	99.64%	20.00%
112	NORTH WEST	Mersey	Halewood STW	9299	50.64	0.03%	99.67%	91.67%
113	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	50.46	0.03%	99.70%	50.00%
114	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	48.91	0.03%	99.73%	40.00%
115	SOUTH WEST	ST.AUSTELL	PAR STW	7205	48.74	0.03%	99.76%	0.00%
116	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	47.89	0.03%	99.79%	40.00%
117	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	41.32	0.03%	99.82%	50.00%
118	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	36.14	0.02%	99.84%	90.91%
119	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	33.25	0.02%	99.86%	0.00%
120	SOUTH WEST	OUTER BRISTOL	CAMBORNE (NORTH	4256	30.15	0.02%	99.88%	0.00%
121	ANGLIAN	Wash-Nene	FLAG FEN STW	16735	27.92	0.02%	99.89%	33.33%
122	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	25.15	0.02%	99.91%	44.44%
123	ANGLIAN	Wash-Welland	R.GLEN SURFLEET A16	20538	24.91	0.02%	99.93%	25.00%
124	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	23.11	0.01%	99.94%	0.00%
125	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	20.69	0.01%	99.95%	50.00%
126	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	15.23	0.01%	99.96%	83.33%
127	ANGLIAN	Humber	HYDRO FERTILISERS	7564	13.89	0.01%	99.97%	85.71%
128	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	13.18	0.01%	99.98%	40.00%
129	YORKSHIRE	NORTH SEA	RUSWARP	341199	9.12	0.01%	99.98%	84.62%
130	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	7.85	0.00%	99.99%	88.89%
131	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	6.79	0.00%	99.99%	75.00%
132	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	5.08	0.00%	100.00%	66.67%
133	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	1.83	0.00%	100.00%	33.33%
134	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	1.70	0.00%	100.00%	0.00%
135	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	1.64	0.00%	100.00%	0.00%
136	ANGLIAN	Humber	BRITAG LTD.O/F POINT	43	0.87	0.00%	100.00%	14.29%
137	YORKSHIRE	HUMBER	CAPPER PASS LTD NO1	118	0.86	0.00%	100.00%	66.67%
138	YORKSHIRE	HUMBER	CRODA, GOOLE	556	0.76	0.00%	100.00%	80.00%

Determinand: PP_DDT

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Determinand: ENDRIN

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Determinand: T_FLUORAL

Printed: 08/07/97

Determinand: T_CL_BENZ

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N.R.A. Annex 1A Low Load Inputs

Determinand: T_CL_ETHY

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
				m3/day	g/year	% Total	% Acc	Limits
1	NORTH WEST	Mersey	ICI Runcom	18000	1102000.02	15.26%	15.26%	0.00%
2	NORTH WEST	Weaver	Frodsham Road Bridge	941054	740261.08	10.25%	25.51%	16.67%
3	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	710416.98	9.84%	35.35%	0.00%
4	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	645258.44	8.93%	44.28%	62.07%
5	NORTH WEST	Mersey	Howley Weir	2649826	604727.33	8.37%	52.65%	22.22%
6	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	480446.30	6.65%	59.31%	0.00%
7	THAMES	Thames	Thames at Teddington	2969609	436260.35	6.04%	65.35%	8.33%
8	SOUTHERN	The	Eastney O/F	69211	342380.76	4.74%	70.09%	23.08%
9	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	267351.27	3.70%	73.79%	0.00%
10	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	253650.18	3.51%	77.30%	0.00%
11	NORTH WEST	Mersey	Liverpool STW	202985	176744.98	2.45%	79.75%	0.00%
12	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	134159.70	1.86%	81.61%	0.00%
13	NORTH WEST	Mersey	Warrington STW	63540	105490.97	1.46%	83.07%	8.33%
14	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	97966.00	1.36%	84.42%	0.00%
15	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	96216.07	1.33%	85.76%	0.00%
16	YORKSHIRE	HUMBER	HULL EAST STW	45026	67722.10	0.94%	86.69%	79.17%
17	NORTH WEST	Lune	Denny Bridge	1363286	59510.08	0.82%	87.52%	66.67%
18	YORKSHIRE	HUMBER	HULL WEST STW	65262	57734.82	0.80%	88.32%	91.67%
19	NORTH WEST	Leven	Haverthwaite	497535	48894.73	0.68%	89.00%	83.33%
20	NORTH WEST	Mersey	Halewood STW	9289	48385.82	0.67%	89.67%	25.00%
21	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	44835.25	0.62%	90.29%	0.00%
22	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	43416.45	0.60%	90.89%	76.92%
23	WELSH	Usk	40130-LWYD-Ponthir Weir	263140	42583.87	0.59%	91.48%	20.00%
24	WELSH	Ebbw	40430-EBBW	544668	41198.23	0.57%	92.05%	27.27%
25	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	35046.20	0.49%	92.53%	0.00%
26	WELSH	Swansea Bay	30365-Swansea	100530	35000.98	0.48%	93.02%	18.18%
27	YORKSHIRE	DON	NORTH BRIDGE	746869	34978.05	0.48%	93.50%	26.67%
28	NORTH WEST	Derwent	Workington	2101432	32071.59	0.44%	93.95%	91.67%
29	THAMES	Thames Estuary	Mogden STW	437533	29873.59	0.41%	94.36%	45.45%
30	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	29619.66	0.41%	94.77%	33.33%
31	WELSH	Neath	10004-NEATH-500m	754045	29313.44	0.41%	95.18%	7.69%
32	THAMES	Thames Estuary	Beckton STW	1121136	24941.67	0.35%	95.52%	83.33%
33	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	24707.45	0.34%	95.86%	93.33%
34	WELSH	Tawe	30001-TAWE-Morrison	817398	24442.29	0.34%	96.20%	46.67%
35	WELSH	Loughor	30401-LOUGHOR-Abv	449418	20352.07	0.28%	96.48%	37.50%
36	YORKSHIRE	AIRE	BEAL	2738464	17934.44	0.25%	96.73%	73.33%
37	THAMES	Thames Estuary	Crossness STW	670091	15354.33	0.21%	96.94%	83.33%
38	NORTH WEST	Eden	Beaumont	2434269	14838.48	0.21%	97.15%	91.67%
39	SOUTHERN	English Channel	Brighton Portobello O/F	58752	14314.19	0.20%	97.35%	0.00%
40	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	12932.25	0.18%	97.53%	75.00%
41	NORTH WEST	Sankey	Widnes STW	36112	12295.45	0.17%	97.70%	7.69%
42	WESSEX	DORSET STOUR	IFORD	1071556	12287.55	0.17%	97.87%	92.86%
43	WELSH	Telfi	34401-Telfi-Llechryd Road	2240544	11767.78	0.16%	98.03%	92.31%
44	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	11242.29	0.16%	98.19%	29.63%
45	THAMES	Thames Estuary	Kew STW	33700	9129.65	0.13%	98.31%	0.00%
46	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	8435.91	0.12%	98.43%	15.38%
47	WELSH	Rhymney	18001-RHYMNEY-At	551424	8306.70	0.12%	98.54%	81.82%
48	NORTH WEST	Darwen	A6 Road Bridge	197844	6895.21	0.10%	98.64%	66.67%
49	THAMES	Thames Estuary	Riverside STW	92504	6216.95	0.09%	98.73%	63.64%
50	NORTH WEST	Kent	Sedgewick	543354	6040.45	0.08%	98.81%	92.86%
51	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	5869.43	0.08%	98.89%	69.23%
52	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	5862.48	0.08%	98.97%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: T_CL_ETHY

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					g/year	% Total	% Acc	
53	WELSH	Taff	17001-TAFF-Blackweir RS	998654	5803.89	0.08%	99.05%	87.50%
54	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	5631.12	0.08%	99.13%	75.00%
55	NORTHUMBRI	TYNE - DERWENT	DERWENT AT	144315	5380.82	0.07%	99.20%	0.00%
56	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	5199.01	0.07%	99.28%	0.00%
57	NORTH WEST	Alt	Altmouth PS	159597	5037.16	0.07%	99.35%	52.94%
58	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	4927.50	0.07%	99.41%	66.67%
59	NORTH WEST	Douglas	Wanes Blades	236274	4868.75	0.07%	99.48%	70.00%
60	WELSH	Tywi	32001-TAF-Clog Y Fran	358644	3919.20	0.05%	99.54%	92.31%
61	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	3892.04	0.05%	99.59%	33.33%
62	THAMES	Thames Estuary	Long Reach STW	191855	3306.29	0.05%	99.64%	83.33%
63	NORTH WEST	Wyre	St Micheals	314425	2598.45	0.04%	99.67%	90.91%
64	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	2126.13	0.03%	99.70%	91.67%
65	SOUTH WEST	LYME	SHARKHAM POINT	10137	2084.11	0.03%	99.73%	0.00%
66	WESSEX	ENGLISH	WEST BAY O/FALL	13058	2002.44	0.03%	99.76%	0.00%
67	WELSH	Ystwyth	35201-RHEIDOL-Penybont	411865	1615.90	0.02%	99.78%	90.00%
68	ANGLIAN	Humber	PYEWIPE PUMPING	15920	1471.22	0.02%	99.80%	25.00%
69	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435	1413.96	0.02%	99.82%	90.91%
70	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	1356.58	0.02%	99.84%	0.00%
71	WELSH	Ogmore	13001-Ogmore-Dipping	488065	1169.46	0.02%	99.85%	89.47%
72	WELSH	Cleddau	32401-E	325440	1139.55	0.02%	99.87%	91.67%
73	ANGLIAN	Humber	COURTAULDS	19152	836.82	0.01%	99.88%	66.67%
74	YORKSHIRE	OUSE	NABURN LOCK	277669	834.13	0.01%	99.89%	94.74%
75	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	830.24	0.01%	99.91%	87.50%
76	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	773.80	0.01%	99.92%	90.00%
77	WELSH	Ely	16001-ELY-U/s St. Fagans	225855	699.14	0.01%	99.93%	83.33%
78	WELSH	Loughor	30874-Dafen-D/s Halfway	16649	663.24	0.01%	99.93%	12.50%
79	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	464.84	0.01%	99.94%	75.00%
80	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	459.16	0.01%	99.95%	66.67%
81	ANGLIAN	Crouch/Roach	BURNHAM FINAL	1546	365.37	0.01%	99.95%	50.00%
82	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	357.77	0.00%	99.96%	0.00%
83	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	338.72	0.00%	99.96%	0.00%
84	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	327.97	0.00%	99.97%	75.00%
85	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	305.04	0.00%	99.97%	85.71%
86	SOUTH WEST	ST.AUSTELL	PAR STW	7205	282.71	0.00%	99.98%	75.00%
87	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	235.79	0.00%	99.98%	66.67%
88	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	226.76	0.00%	99.98%	90.91%
89	SOUTHERN	North Sea-Medway	Akzo Chemicals No 1	1289	222.91	0.00%	99.98%	0.00%
90	SOUTHERN	North Sea-Medway	Aylesford Newsprint	18259	197.65	0.00%	99.99%	91.67%
91	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	193.95	0.00%	99.99%	75.00%
92	ANGLIAN	Humber-Ancholme	R.ANCHOLME	20771	171.55	0.00%	99.99%	75.00%
93	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	130.64	0.00%	99.99%	0.00%
94	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	111.61	0.00%	100.00%	68.42%
95	SOUTH WEST	CARRICK ROADS	FALMOUTH DOCKYARD	2720	91.83	0.00%	100.00%	75.00%
96	ANGLIAN	Humber	HYDRO FERTILISERS	7564	80.09	0.00%	100.00%	85.71%
97	ANGLIAN	Wash	CONOCO GAS	464	73.78	0.00%	100.00%	80.00%
98	ANGLIAN	Wash/Ouse	PORVAIR LTD.KINGS	299	57.21	0.00%	100.00%	25.00%
99	ANGLIAN	Humber	MTM AGROCHEMICALS	9	1.75	0.00%	100.00%	80.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: TE_C_ETHY

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	NORTH WEST	Mersey	ICI Runcom	18000	696999.99	12.98%	12.98%	0.00%
2	YORKSHIRE	HUMBER	HULL WEST STW	65262	578891.80	10.78%	23.76%	13.64%
3	THAMES	Thames Estuary	Beckton STW	1121136	518406.46	9.66%	33.42%	0.00%
4	NORTH WEST	Weaver	Frodsham Road Bridge	941054	467444.99	8.71%	42.13%	16.67%
5	YORKSHIRE	HUMBER	HULL EAST STW	45026	414266.26	7.72%	49.84%	13.64%
6	NORTH WEST	Mersey	Liverpool STW	202985	246720.47	4.60%	54.44%	0.00%
7	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	239470.98	4.46%	58.90%	8.33%
8	THAMES	Thames Estuary	Mogden STW	437533	228508.25	4.26%	63.15%	16.67%
9	SOUTHERN	The	Eastney O/F	69211	217021.11	4.04%	67.20%	0.00%
10	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	161622.60	3.38%	70.58%	46.15%
11	THAMES	Thames Estuary	Crossness STW	670091	148737.50	2.77%	73.35%	0.00%
12	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	128683.70	2.40%	75.75%	93.33%
13	WELSH	Afan	74046-Afan-Afan Pumping	67219	113192.05	2.11%	77.85%	8.33%
14	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	100815.56	1.88%	79.73%	62.50%
15	NORTH WEST	Ribble	Samlesbury	1529658	97894.05	1.82%	81.56%	60.00%
16	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	80080.78	1.49%	83.05%	75.00%
17	YORKSHIRE	OUSE	NABURN LOCK	277669	72986.13	1.36%	84.41%	93.75%
18	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	68281.31	1.27%	85.68%	86.21%
19	THAMES	Thames	Thames at Teddington	2969609	65275.84	1.22%	86.89%	66.67%
20	NORTH WEST	Mersey	Howley Weir	2649826	65125.34	1.21%	88.11%	66.67%
21	THAMES	Thames Estuary	Long Reach STW	191855	54804.75	1.02%	89.13%	0.00%
22	YORKSHIRE	AIRE	BEAL	2738464	53582.41	1.00%	90.13%	64.29%
23	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	45935.99	0.86%	90.98%	66.67%
24	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	44806.43	0.83%	91.82%	33.33%
25	WELSH	Swansea Bay	30365-Swansea	100530	44480.54	0.83%	92.64%	18.18%
26	WELSH	Taff	17001-TAFF-Blackweir RS	988654	39237.25	0.73%	93.37%	87.50%
27	SOUTH WEST	EXE ESTUARY	EXETER, COUNTRESS	69979	36148.37	0.67%	94.05%	33.33%
28	ANGLIAN	Humber	COURTAULDS	19152	35872.20	0.67%	94.72%	0.00%
29	THAMES	Thames Estuary	Kew STW	33700	27246.34	0.51%	95.22%	8.33%
30	THAMES	Thames Estuary	Riverside STW	92504	25691.69	0.48%	95.70%	9.09%
31	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	23270.10	0.43%	96.14%	0.00%
32	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	22458.89	0.42%	96.55%	91.67%
33	NORTH WEST	Lune	Denny Bridge	1363286	20499.66	0.38%	96.94%	88.89%
34	NORTH WEST	Mersey	Warrington STW	63540	16704.23	0.31%	97.25%	8.33%
35	SOUTHERN	English Channel	Brighton Portobello O/F	58752	15547.24	0.29%	97.54%	8.33%
36	NORTH WEST	Sankey	Widnes STW	36112	14831.07	0.28%	97.81%	0.00%
37	NORTH WEST	Wyre	St Michaels	314425	14429.04	0.27%	98.08%	90.91%
38	THAMES	Thames-Wandle	Beddington STW	68920	12180.05	0.23%	98.31%	25.00%
39	YORKSHIRE	DON	NORTH BRIDGE	746869	10258.41	0.19%	98.50%	71.43%
40	ANGLIAN	Humber	PYEWIPE PUMPING	15920	10218.66	0.19%	98.69%	0.00%
41	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	7358.91	0.14%	98.83%	0.00%
42	WESSEX	DORSET STOUR	IFORD	1071556	6859.08	0.13%	98.95%	92.86%
43	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	6642.43	0.12%	99.08%	72.73%
44	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	6366.25	0.12%	99.20%	50.00%
45	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	5154.26	0.10%	99.29%	0.00%
46	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	5035.39	0.09%	99.39%	22.22%
47	NORTH WEST	Douglas	Wanes Blades	236274	4031.69	0.08%	99.46%	90.00%
48	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	3982.51	0.07%	99.54%	90.91%
49	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	3214.15	0.06%	99.60%	0.00%
50	WESSEX	ENGLISH	WEST BAY O/FALL	13058	3172.31	0.06%	99.65%	0.00%
51	NORTH WEST	Alt	Altmouth PS	159597	2946.91	0.05%	99.71%	82.35%
52	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	2593.65	0.05%	99.76%	93.94%

Determinand: TE_C_ETHY

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Determinand: H_C_BENZ

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Determinand: H_C_BUTA

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N.R.A. Annex 1A Low Load Inputs

Determinand: CARB_TET

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	639353.56	41.20%	41.20%	44.44%
2	NORTH WEST	Weaver	Frodsham Road Bridge	941054	345553.09	22.27%	63.47%	0.00%
3	NORTH WEST	Mersey	ICI Runcom	18000	315999.98	20.36%	83.84%	0.00%
4	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	52679.37	3.39%	87.23%	96.30%
5	NORTH WEST	Mersey	Howley Weir	2649826	41778.19	2.69%	89.92%	77.78%
6	NORTH WEST	Mersey	Associated Octel	8000	36999.99	2.38%	92.31%	0.00%
7	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	36949.15	2.38%	94.69%	93.75%
8	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	24244.19	1.56%	96.25%	90.00%
9	YORKSHIRE	OUSE	NABURN LOCK	277669	15594.55	1.00%	97.26%	95.65%
10	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	9460.80	0.61%	97.87%	91.67%
11	YORKSHIRE	HUMBER	HULL EAST STW	45026	8815.75	0.57%	98.43%	95.45%
12	NORTH WEST	Eden	Beaumont	2434269	6144.05	0.40%	98.83%	91.67%
13	NORTH WEST	Sankey	Widnes STW	36112	4192.73	0.27%	99.10%	38.46%
14	NORTH WEST	Mersey	Warrington STW	63540	3812.99	0.25%	99.35%	50.00%
15	NORTH WEST	Wyre	St Michaels	314425	2425.40	0.16%	99.50%	81.82%
16	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	1640.50	0.11%	99.61%	91.67%
17	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	1548.42	0.10%	99.71%	91.67%
18	NORTH WEST	Kent	Sedgewick	543354	1341.41	0.09%	99.79%	92.86%
19	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	853.74	0.06%	99.85%	81.82%
20	NORTH WEST	Darwen	A6 Road Bridge	197844	775.26	0.05%	99.90%	91.67%
21	NORTH WEST	Mersey	Halewood STW	9299	718.75	0.05%	99.94%	58.33%
22	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	360.89	0.02%	99.97%	88.89%
23	NORTH WEST	Alt	Altmouth PS	159597	323.63	0.02%	99.99%	94.44%
24	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	105.49	0.01%	100.00%	80.00%
25	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	32.29	0.00%	100.00%	86.67%
26	SOUTHERN	North Sea-Medway	Akzo Chemicals No 1	1289	27.19	0.00%	100.00%	61.54%
27	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	3.62	0.00%	100.00%	83.33%
28	ANGLIAN	Humber	MTM AGROCHEMICALS	9	2.55	0.00%	100.00%	80.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: CHLOROFORM

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
				m3/day	g/year	% Total	% Acc	Limits
1	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	3907945.97	19.02%	19.02%	10.00%
2	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	2666075.70	12.97%	31.99%	4.76%
3	NORTH WEST	Weaver	Frodsham Road Bridge	941054	2048912.31	9.97%	41.96%	0.00%
4	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	1101699.83	5.36%	47.32%	25.00%
5	THAMES	Thames Estuary	Beckton STW	1121136	1050746.79	5.11%	52.43%	0.00%
6	NORTH WEST	Mersey	ICI Runcom	18000	1016999.99	4.95%	57.38%	0.00%
7	NORTH WEST	Mersey	Howley Weir	2649826	953476.94	4.64%	62.02%	0.00%
8	WESSEX	SEVERN ESTUARY	KINGSWESTON RHYNE	9126	703664.60	3.42%	65.44%	55.56%
9	NORTH WEST	Mersey	Liverpool STW	202985	628528.17	3.06%	68.50%	0.00%
10	NORTH WEST	Mersey	Associated Octel	8000	413000.01	2.01%	70.51%	0.00%
11	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	402852.99	1.96%	72.47%	62.50%
12	THAMES	Thames Estuary	Crossness STW	670091	372777.54	1.81%	74.28%	0.00%
13	THAMES	Thames Estuary	Mogden STW	437533	356258.25	1.73%	76.02%	8.33%
14	THAMES	Thames Estuary	Long Reach STW	191855	352523.08	1.72%	77.73%	0.00%
15	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	332944.97	1.62%	79.35%	45.45%
16	NORTH WEST	Eden	Beaumont	2434269	281740.21	1.37%	80.72%	75.00%
17	NORTH WEST	Sankey	Widnes STW	36112	266870.03	1.30%	82.02%	0.00%
18	ANGLIAN	Humber	COURTAULDS	19152	238211.73	1.16%	83.18%	8.33%
19	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	234448.67	1.14%	84.32%	25.00%
20	YORKSHIRE	HUMBER	HULL EAST STW	45026	227351.50	1.11%	85.43%	13.64%
21	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	198463.35	0.97%	86.39%	16.67%
22	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	189961.82	0.92%	87.32%	16.67%
23	YORKSHIRE	AIRE	BEAL	2738464	156062.77	0.76%	88.08%	18.18%
24	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	150289.00	0.73%	88.81%	40.00%
25	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	127333.43	0.62%	89.43%	0.00%
26	NORTH WEST	Wyre	ICI Hillhouse - Lagoon &	6000	127199.99	0.62%	90.05%	0.00%
27	THAMES	Thames	Thames at Teddington	2969609	121149.22	0.59%	90.64%	41.67%
28	YORKSHIRE	HUMBER	HULL WEST STW	65262	117101.01	0.57%	91.21%	72.73%
29	WELSH	Swansea Bay	30365-Swansea	100530	109303.58	0.53%	91.74%	9.09%
30	NORTH WEST	Mersey	Warrington STW	63540	99423.49	0.48%	92.22%	9.09%
31	ANGLIAN	Wash-Ouse	KINGS LYNN STW F/E	27334	98146.83	0.48%	92.70%	7.14%
32	THAMES	Thames Estuary	Riverside STW	92504	90976.91	0.44%	93.14%	0.00%
33	SOUTH WEST	LYNHER OR ST.	NOTTER BRIDGE (HM)	331829	69656.26	0.34%	93.48%	55.56%
34	NORTH WEST	Derwent	Workington	2101432	69582.87	0.34%	93.82%	91.67%
35	WESSEX	DORSET STOUR	IFORD	1071556	69399.25	0.34%	94.16%	50.00%
36	NORTH WEST	Douglas	Wanes Blades	236274	60803.42	0.30%	94.45%	20.00%
37	NORTH WEST	Darwen	A6 Road Bridge	197844	52228.79	0.25%	94.71%	16.67%
38	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	51347.88	0.25%	94.96%	0.00%
39	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	48480.08	0.24%	95.19%	0.00%
40	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	47467.68	0.23%	95.42%	25.00%
41	SOUTHERN	The	Eastney O/F	69211	46481.18	0.23%	95.65%	46.15%
42	NORTH WEST	Kent	Sedgewick	543354	44443.05	0.22%	95.87%	78.57%
43	YORKSHIRE	DON	NORTH BRIDGE	746869	42770.98	0.21%	96.07%	31.58%
44	NORTH WEST	Ribble	Samlesbury	1529658	42126.36	0.20%	96.28%	63.64%
45	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	40665.69	0.20%	96.48%	14.29%
46	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	40142.17	0.20%	96.67%	50.00%
47	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	38430.63	0.19%	96.86%	72.73%
48	SOUTHERN	English Channel	Brighton Portobello O/F	58752	37116.82	0.18%	97.04%	0.00%
49	NORTH WEST	Alt	Altmouth PS	158597	30291.51	0.15%	97.19%	35.29%
50	ANGLIAN	Humber	PYEWIPE PUMPING	15920	29785.23	0.14%	97.33%	0.00%
51	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	28849.04	0.14%	97.47%	61.54%
52	THAMES	Thames-Wandle	Beddington STW	68920	25843.83	0.13%	97.60%	0.00%

N.R.A. Annex 1A Low Load Inputs

Determinand: CHLOROFORM

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD		% of Detect	
					g/year	% Total	% Acc	Limits
53	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	22966.75	0.11%	97.71%	0.00%
54	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	22823.71	0.11%	97.82%	50.00%
55	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	22678.67	0.11%	97.93%	33.33%
56	THAMES	Thames Estuary	Kew STW	33700	21876.88	0.11%	98.04%	0.00%
57	SOUTH WEST	TAMAR ESTUARY	GUNNISLAKE BR. (HM)	1374004	21119.66	0.10%	98.14%	66.67%
58	THAMES	Thames-Beverley	Worcester Park STW	32804	20270.88	0.10%	98.24%	0.00%
59	NORTH WEST	Mersey	Halewood STW	9299	18885.71	0.09%	98.33%	25.00%
60	YORKSHIRE	DERWENT	LOFTSOME BRIDGE	201677	18457.58	0.09%	98.42%	46.67%
61	SOUTH WEST	LYME	SHARKHAM POINT	10137	18095.98	0.09%	98.51%	0.00%
62	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	15613.16	0.08%	98.59%	80.00%
63	WELSH	Rhymney	18001-RHYMNEY-AI	551424	15491.11	0.08%	98.66%	27.27%
64	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	15221.29	0.07%	98.73%	0.00%
65	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	14725.69	0.07%	98.81%	0.00%
66	SOUTH WEST	TAW ESTUARY	CHAPLETON	1251390	14397.66	0.07%	98.88%	90.91%
67	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	14373.96	0.07%	98.95%	11.11%
68	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	13608.42	0.07%	99.01%	66.67%
69	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	13605.30	0.07%	99.08%	33.33%
70	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	11620.44	0.06%	99.14%	63.64%
71	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	11043.28	0.05%	99.19%	28.57%
72	ANGLIAN	Yarmouth-Waveney	R.WAVENEY STANLEY	120419	9588.52	0.05%	99.24%	50.00%
73	ANGLIAN	Orwell Estuary	R.GIPPING U/S	43711	8976.25	0.04%	99.28%	50.00%
74	NORTH WEST	Lune	Denny Bridge	1363286	8624.46	0.04%	99.32%	88.89%
75	WESSEX	ENGLISH	WEST BAY O/FALL	13058	8361.16	0.04%	99.36%	0.00%
76	WESSEX	HOLES BAY	POOLE S.T.W.	34077	8329.59	0.04%	99.40%	25.00%
77	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	7999.21	0.04%	99.44%	88.89%
78	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	7519.00	0.04%	99.48%	50.00%
79	YORKSHIRE	NORTH SEA	SCARBOROUGH STW	19992	7463.52	0.04%	99.51%	90.00%
80	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	7156.68	0.03%	99.55%	0.00%
81	SOUTH WEST	RIVER FAL	TREGONEY	126671	7035.05	0.03%	99.58%	60.00%
82	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	6956.21	0.03%	99.62%	76.92%
83	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	5555.85	0.03%	99.64%	50.00%
84	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	5502.40	0.03%	99.67%	60.00%
85	SOUTH WEST	TAMAR ESTUARY	PLYMOUTH,	12102	4500.22	0.02%	99.69%	0.00%
86	YORKSHIRE	WHARFE	TADCASTER WEIR	705741	4310.73	0.02%	99.71%	93.75%
87	WELSH	Cledau	32401-E	325440	3921.40	0.02%	99.73%	75.00%
88	SOUTH WEST	NEWQUAY BAY,	NEWQUAY (TOWAN	4722	3852.94	0.02%	99.75%	0.00%
89	WESSEX	SEVERN ESTUARY	IMPERIAL CHEMICAL	10209	3738.26	0.02%	99.77%	36.36%
90	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	3592.16	0.02%	99.79%	22.22%
91	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	3575.98	0.02%	99.81%	93.33%
92	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	3502.90	0.02%	99.82%	0.00%
93	SOUTHERN	North Sea-Medway	Aylestord Newsprint	18259	2924.75	0.01%	99.84%	75.00%
94	NORTH WEST	Wyre	St Micheals	314425	2887.69	0.01%	99.85%	90.91%
95	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	2871.33	0.01%	99.86%	66.67%
96	ANGLIAN	Humber	HYDRO FERTILISERS	7564	2613.02	0.01%	99.88%	0.00%
97	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	2424.07	0.01%	99.89%	66.67%
98	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	2304.11	0.01%	99.90%	12.50%
99	YORKSHIRE	OUSE	NABURN LOCK	277669	2112.19	0.01%	99.91%	78.57%
100	ANGLIAN	Stour Estuary	R.STOUR, WIXOE WQMS	85618	1959.96	0.01%	99.92%	75.00%
101	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	1950.40	0.01%	99.93%	50.00%
102	WELSH	Dee	3-DEE-Iron Bridge	2094211	1804.56	0.01%	99.94%	88.89%
103	WESSEX	ENGLISH	WEYMOUTH L.S.O.	24941	1661.48	0.01%	99.95%	0.00%
104	YORKSHIRE	HUMBER	GOOLE STW	3862	1644.91	0.01%	99.95%	85.71%

Determinand: CHLOROFORM

Printed: 08/07/97

Determinand: ENDOSULPH

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Determinand: DICHLORVO

Page:

Determinand: FENITROTH

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N.R.A. Annex 1A Low Load Inputs

Determinand: FENTHION[illegible]

Determinand: MALATHION

1

Determinand: PARATHION

1

Determinand: PARITHN_M

Printed: 08/07/97

Determinand: AZINPHS_M

Printed: 08/07/97

N.R.A. Annex 1A Low Load Inputs

Determinand: ATRAZINE

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	YORKSHIRE	AIRE	BEAL	2738464	83272.31	18.57%	18.57%	42.86%
2	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	62850.06	14.02%	32.59%	58.33%
3	NORTH WEST	Mersey	Howley Weir	2649826	53913.08	12.02%	44.61%	54.55%
4	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	40634.75	9.06%	53.68%	60.00%
5	NORTHUMBRI	NORTH SEA -	TEES AT LOW WORSALL	903834	29629.77	6.61%	60.29%	80.00%
6	WESSEX	DORSET STOUR	IFORD	1071556	24226.25	5.40%	65.69%	42.86%
7	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	23746.95	5.30%	70.99%	50.00%
8	NORTH WEST	Weaver	Frodsham Road Bridge	941054	10996.34	2.45%	73.44%	50.00%
9	NORTH WEST	Douglas	Wanes Blades	236274	9176.31	2.05%	75.49%	50.00%
10	THAMES	Thames	Thames at Teddington	2969609	8843.14	1.97%	77.46%	50.00%
11	THAMES	Thames Estuary	Crossness STW	670091	7258.54	1.62%	79.08%	83.33%
12	SOUTHERN	English	Pallingham Manor	326886	6926.55	1.54%	80.62%	41.67%
13	SOUTHERN	North Sea - Medway	U/S Allington Sluice	565052	6765.51	1.51%	82.13%	46.67%
14	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	5801.16	1.29%	83.42%	33.33%
15	NORTH WEST	Darwen	A6 Road Bridge	197844	5095.82	1.14%	84.56%	75.00%
16	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	4835.77	1.08%	85.64%	75.00%
17	THAMES	Thames Estuary	Mogden STW	437533	4408.26	0.98%	86.62%	58.33%
18	YORKSHIRE	DON	NORTH BRIDGE	746869	4321.30	0.96%	87.59%	57.14%
19	NORTH WEST	Alt	Altmouth PS	159597	3634.33	0.81%	88.40%	27.78%
20	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058	3399.45	0.76%	89.16%	60.00%
21	THAMES	Thames Estuary	Beckton STW	1121136	3135.93	0.70%	89.85%	83.33%
22	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	2821.31	0.63%	90.48%	50.00%
23	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	2814.85	0.63%	91.11%	15.38%
24	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	2718.83	0.61%	91.72%	37.50%
25	NORTH WEST	Ribble	Samlesbury	1529658	2510.03	0.56%	92.28%	91.67%
26	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	2494.87	0.56%	92.83%	50.00%
27	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	2241.17	0.50%	93.33%	58.33%
28	WESSEX	RIVER BRUE	BASON BRIDGE	231656	2067.59	0.46%	93.80%	50.00%
29	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	1910.13	0.43%	94.22%	50.00%
30	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	1902.38	0.42%	94.65%	66.67%
31	ANGLIAN	Yarmouth-Yare	NORWICH	59586	1839.37	0.41%	95.06%	0.00%
32	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	1543.41	0.34%	95.40%	41.67%
33	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	1417.42	0.32%	95.72%	58.33%
34	WESSEX	HAMPSHIRE AVON	KNAPP MILL	1406270	1406.88	0.31%	96.03%	92.31%
35	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	1350.89	0.30%	96.33%	0.00%
36	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	1240.01	0.28%	96.61%	50.00%
37	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	1203.00	0.27%	96.88%	30.00%
38	SOUTHERN	English	Bretts Bridge	130687	1193.73	0.27%	97.14%	38.46%
39	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	1049.16	0.23%	97.38%	0.00%
40	WELSH	Usk	43014-Usk-BS Llanwern	94496	1012.73	0.23%	97.60%	25.00%
41	WELSH	Dee	3-DEE-Iron Bridge	2094211	965.59	0.22%	97.82%	87.50%
42	THAMES	Thames Estuary	Riverside STW	92504	951.19	0.21%	98.03%	45.45%
43	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	859.09	0.19%	98.22%	36.36%
44	NORTHUMBRI	NORTH SEA -	WEAR AT LAMB BRIDGE	1258629	838.38	0.19%	98.41%	90.00%
45	THAMES	Thames-Wandle	Beddington STW	68920	711.44	0.16%	98.57%	50.00%
46	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	598.69	0.13%	98.70%	50.00%
47	WESSEX	DORSET FROME	HOLME BRIDGE	438163	539.68	0.12%	98.82%	85.71%
48	WELSH	Clwyd	7-CLWYD-Pont Dafydd St	253435	504.44	0.11%	98.93%	75.00%
49	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	407.10	0.09%	99.02%	50.00%
50	WELSH	Taff	17001-TAFF-Blackweir RS	998654	333.28	0.07%	99.10%	87.50%
51	SOUTHERN	The	Budds Farm STW	46321	318.02	0.07%	99.17%	58.33%
52	NORTH WEST	Wyre	St Micheals	314425	317.90	0.07%	99.24%	81.82%

Determinand: ATRAZINE

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N.R.A. Annex 1A Low Load Inputs

Determinand: SIMAZINE

Pos	REGION	CATCHMENT	LOCATION	FLOW m3/day	LOAD			% of Detect Limits
					g/year	% Total	% Acc	
1	NORTH WEST	Mersey	Howley Weir	2649826	68663.62	12.86%	12.86%	54.55%
2	SOUTHERN	English	Pallingham Manor	326886	59876.76	11.21%	24.07%	8.33%
3	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	44329.49	8.30%	32.37%	60.00%
4	ANGLIAN	Wash-Ouse	HUNDRED FOOT RIVER	1269231	43180.54	8.08%	40.45%	9.09%
5	SEVERN-TRE	R.SEVERN	HAW BRIDGE	5493871	42490.74	7.96%	48.41%	58.33%
6	THAMES	Thames	Thames at Teddington	2969609	31327.89	5.87%	54.27%	40.00%
7	SOUTHERN	North Sea - Medway	U/S Allington Sluice	565052	25573.51	4.79%	59.06%	6.25%
8	NORTH WEST	Ribble	Samlesbury	1529658	19385.60	3.63%	62.69%	75.00%
9	WELSH	Wye	50032-WYE-Redbrook Ry.	5483537	18602.88	3.52%	66.21%	62.50%
10	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	16393.50	3.07%	69.28%	66.67%
11	ANGLIAN	Wash-Ouse	TEN MILE R. DENVER	602681	14732.45	2.76%	72.04%	20.00%
12	THAMES	Thames Estuary	Crossness STW	670091	13551.69	2.54%	74.58%	66.67%
13	YORKSHIRE	AIRE	BEAL	2738464	11982.16	2.24%	76.82%	57.14%
14	ANGLIAN	Wash/Nene	R.NENE WANSFORD	408727	11668.96	2.18%	79.00%	25.00%
15	NORTH WEST	Douglas	Wanes Blades	236274	9136.75	1.71%	80.72%	50.00%
16	THAMES	Thames Estuary	Beckton STW	1121136	7455.58	1.40%	82.11%	66.67%
17	ANGLIAN	Wash-Nene	R.NENE DOG IN A	374359	7330.99	1.37%	83.48%	16.67%
18	WESSEX	DORSET STOUR	IFORD	1071556	6895.60	1.28%	84.77%	69.23%
19	THAMES	Thames Estuary	Mogden STW	437533	6346.19	1.19%	85.96%	41.67%
20	NORTH WEST	Weaver	Frodsham Road Bridge	941054	5961.09	1.12%	87.08%	58.33%
21	ANGLIAN	Yarmouth-Yare	R.YARE BUCKENHAM	515107	4737.60	0.89%	87.97%	50.00%
22	SOUTH WEST	OTTER ESTUARY	OTTERTON	441058	4405.25	0.82%	88.79%	70.00%
23	ANGLIAN	Wash/Witham	R.WITHAM LANGRICK	121657	4086.61	0.77%	89.56%	18.18%
24	ANGLIAN	Colne/Blackwater	CHELMSFORD MIXED	31905	3307.94	0.62%	90.18%	25.00%
25	ANGLIAN	Wash-Ouse	MIDDLE LEVEL MD	160499	3212.37	0.60%	90.78%	0.00%
26	NORTH WEST	Alt	Altmouth PS	159597	3097.11	0.58%	91.36%	38.89%
27	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	2857.79	0.54%	91.89%	54.55%
28	ANGLIAN	Stour Estuary	R.STOUR CATTAWADE	240159	2562.01	0.48%	92.37%	20.00%
29	ANGLIAN	Colne/Blackwater	R.COLNE EAST MILLS	63649	2357.32	0.44%	92.81%	10.00%
30	ANGLIAN	Stour Estuary	R.STOUR. LANGHAM	179144	2148.02	0.40%	93.21%	0.00%
31	SOUTHERN	Southampton	Testwood	486171	2129.56	0.40%	93.61%	72.73%
32	ANGLIAN	Wash/Welland	R.WELLAND, TINWELL	135698	2048.56	0.38%	94.00%	25.00%
33	THAMES	Thames Estuary	Long Reach STW	191855	1976.20	0.37%	94.37%	83.33%
34	ANGLIAN	Yarmouth-Yare	NORWICH	59586	1975.05	0.37%	94.74%	33.33%
35	YORKSHIRE	HULL	HEMPHOLME LOCK	170458	1956.78	0.37%	95.10%	81.82%
36	ANGLIAN	Wash-Welland	R.WELLAND CROWLAND	161577	1904.97	0.36%	95.46%	20.00%
37	YORKSHIRE	DON	NORTH BRIDGE	746869	1776.95	0.33%	95.79%	80.00%
38	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	1677.46	0.31%	96.11%	50.00%
39	ANGLIAN	Colne/Blackwater	R.CHELMER LANGFORD	118092	1620.83	0.30%	96.41%	20.00%
40	THAMES	Thames Estuary	Riverside STW	92504	1472.35	0.28%	96.69%	45.45%
41	SOUTHERN	English	Bretts Bridge	130687	1346.44	0.25%	96.94%	28.57%
42	WESSEX	RIVER TONE	KNAPP BRIDGE	194386	1274.18	0.24%	97.18%	62.50%
43	SOUTH WEST	EXE ESTUARY	EXETER, COUNTESS	69979	1256.20	0.24%	97.41%	22.22%
44	THAMES	Thames-Beverley	Worcester Park STW	32804	1160.35	0.22%	97.63%	54.55%
45	WESSEX	RIVER PIDDLE	WEST MILLS	194177	1103.66	0.21%	97.84%	69.23%
46	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	1012.55	0.19%	98.03%	61.54%
47	NORTH WEST	Eden	Beaumont	2434269	915.81	0.17%	98.20%	91.67%
48	ANGLIAN	Colne/Blackwater	R.BLACKWATER	51629	903.18	0.17%	98.37%	0.00%
49	WESSEX	DORSET FROME	HOLME BRIDGE	438163	894.05	0.17%	98.53%	91.67%
50	YORKSHIRE	OUSE	NABURN LOCK	277669	819.66	0.15%	98.69%	83.33%
51	NORTH WEST	Wyre	St Michaels	314425	659.27	0.12%	98.81%	72.73%
52	THAMES	Thames-Wandle	Beddington STW	68920	605.96	0.11%	98.92%	54.55%

Determinand: SIMAZINE

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N.R.A. Annex 1A Low Load Inputs

Determinand: PE_CL_PHE

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					g/year	% Total	% Acc	Limits
1	NORTH WEST	Kent	Sedgewick	543354	39989.75	24.53%	24.53%	91.67%
2	NORTH WEST	Mersay	Howley Weir	2649826	24483.40	15.02%	39.56%	61.82%
3	NORTHUMBRI	NORTH SEA -	TYNE AT WYLAM	2718150	22766.89	13.97%	53.52%	91.67%
4	WELSH	Usk	43067-Usk-Monsanto	5767	17516.85	10.75%	64.27%	36.36%
5	SEVERN-TRE	R.TRENT FISHERY	AT DUNHAM	4961259	15367.49	9.43%	73.70%	96.77%
6	NORTH WEST	Douglas	Wanes Blades	236274	8713.81	5.35%	79.05%	50.00%
7	THAMES	Thames Estuary	Crossness STW	670091	7127.54	4.37%	83.42%	83.33%
8	THAMES	Thames Estuary	Long Reach STW	191855	5784.55	3.55%	86.97%	83.33%
9	YORKSHIRE	DON	NORTH BRIDGE	746869	4340.50	2.66%	89.63%	90.91%
10	SOUTHERN	North Sea-The	Kemsley PM Grovehurst	36852	3314.69	2.03%	91.66%	29.17%
11	WELSH	Severn Estuary	43092-Severn Estuary-St	19057	2696.21	1.65%	93.32%	25.00%
12	YORKSHIRE	AIRE	BEAL	2738464	1899.14	1.17%	94.48%	92.86%
13	WELSH	Severn Estuary	19003-Severn	40960	1546.87	0.95%	95.43%	50.00%
14	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	1001.62	0.61%	96.05%	87.50%
15	SOUTHERN	English Channel	Folkestone Copt Point O/F	14409	817.16	0.50%	96.55%	66.67%
16	NORTHUMBRI	NORTH SEA -	CARGO FLEET STW	36901	717.12	0.44%	96.99%	90.00%
17	THAMES	Thames Estuary	Riverside STW	92504	646.04	0.40%	97.38%	81.82%
18	WELSH	Usk	43014-Usk-BS Llanwern	94496	562.46	0.35%	97.73%	66.67%
19	WELSH	Severn Estuary	42043-Severn	76143	559.26	0.34%	98.07%	50.00%
20	SOUTH WEST	PLYM ESTUARY	PLYMPTON (MARSH	16752	383.26	0.24%	98.31%	75.00%
21	SEVERN-TRE	Severn	NETHERIDGE FE NEW	36131	336.29	0.21%	98.51%	83.33%
22	WELSH	Ogmore	78221-Ogmore-Penybont	62168	312.56	0.19%	98.71%	50.00%
23	THAMES	Thames-Wandle	Beddington STW	68920	285.61	0.18%	98.88%	91.67%
24	SOUTH WEST	OUTER BRISTOL	REDRUTH (PORTREATH)	4872	269.13	0.17%	99.05%	66.67%
25	WELSH	Severn Estuary	68821-Severn	73197	248.79	0.15%	99.20%	66.67%
26	SOUTH WEST	EXE ESTUARY	EXETER, COUNTRESS	69979	220.98	0.14%	99.33%	66.67%
27	SOUTHERN	North Sea-Medway	Aylesford Newsprint	18259	204.00	0.13%	99.46%	83.33%
28	ANGLIAN	Wash-Welland	SPALDING FINAL SED	7961	187.59	0.12%	99.57%	75.00%
29	WESSEX	KINGSWESTON	BRITANNIA ZINC	3485	145.05	0.09%	99.66%	75.00%
30	SOUTH WEST	UMBER & HEAD,	ILFRACOMBE, CHEYNE	3292	140.81	0.09%	99.75%	66.67%
31	SOUTHERN	English Channel	Margate O/F	19893	124.17	0.08%	99.83%	91.67%
32	THAMES	Thames Estuary	Kew STW	33700	123.80	0.08%	99.90%	91.67%
33	SOUTH WEST	LYME	HOPES NOSE OUTFALL	15833	103.31	0.06%	99.97%	83.33%
34	WESSEX	ENGLISH	WEST BAY O/FALL	13058	54.26	0.03%	100.00%	85.71%
35	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	1.81	0.00%	100.00%	85.71%

N.R.A. Annex 1A Low Load Inputs

Determinand: DI_CL_ETH

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD			% of Detect
					m3/day	g/year	% Total	Limits
1	NORTH WEST	Mersey	ICI Runcom	18000	3624999.99	27.80%	27.80%	0.00%
2	NORTH WEST	Weaver	Frodsham Road Bridge	941054	3579517.33	27.45%	55.25%	8.33%
3	NORTH WEST	Mersey	Associated Octel	8000	2461000.00	18.87%	74.13%	0.00%
4	WELSH	Neath	71504-Neath-BP-Uandarcy	6747	1604611.60	12.31%	86.44%	9.09%
5	NORTH WEST	Wyre	ICI Hillhouse - Lagoon &	6000	461990.00	3.54%	89.98%	0.00%
6	YORKSHIRE	AIRE	BEAL	2738464	239730.23	1.84%	91.82%	42.86%
7	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	192653.13	1.48%	93.30%	85.37%
8	THAMES	Thames Estuary	Riverside STW	92504	186481.82	1.43%	94.73%	90.91%
9	NORTH WEST	Derwent	Workington	2101432	151179.12	1.16%	95.89%	91.67%
10	NORTH WEST	Ribble	Samiesbury	1529658	120685.56	0.93%	96.81%	80.00%
11	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	104992.10	0.81%	97.62%	90.91%
12	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	70268.92	0.54%	98.15%	87.50%
13	NORTH WEST	Kent	Sedgewick	543354	52285.22	0.40%	98.56%	85.71%
14	NORTH WEST	Mersey	Halewood STW	9299	52285.03	0.40%	98.96%	25.00%
15	THAMES	Thames Estuary	Mogden STW	437533	25805.50	0.20%	99.15%	91.67%
16	NORTH WEST	Sankey	Widnes STW	36112	22635.90	0.17%	99.33%	69.23%
17	NORTH WEST	Eden	Beaumont	2434269	19862.16	0.15%	99.48%	91.67%
18	ANGLIAN	Yarmouth-Yare	R.WENSUM SWEET	210052	17056.25	0.13%	99.61%	75.00%
19	NORTH WEST	Douglas	Wanes Blades	236274	9188.80	0.07%	99.68%	90.00%
20	THAMES	Thames-Wandle	Beddington STW	68920	8045.21	0.06%	99.74%	91.67%
21	YORKSHIRE	OUSE	NABURN LOCK	277669	6146.20	0.05%	99.79%	94.74%
22	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	5924.04	0.05%	99.84%	91.67%
23	YORKSHIRE	HUMBER	HULL EAST STW	45026	5057.06	0.04%	99.87%	95.83%
24	NORTH WEST	Alt	Altmouth PS	159597	3769.31	0.03%	99.90%	94.12%
25	SEVERN-TRE	R.IDLE	AT BAWTRY	190198	3373.14	0.03%	99.93%	92.31%
26	ANGLIAN	Humber	CIBA GEIGY MAIN O/F	3625	3139.17	0.02%	99.95%	30.00%
27	THAMES	Thames-Beverley	Worcester Park STW	32804	2495.38	0.02%	99.97%	91.67%
28	NORTH WEST	Mersey	Warrington STW	63540	2377.88	0.02%	99.99%	91.67%
29	WELSH	Dee	7312-Dee-Mostyn STW	889	852.11	0.01%	100.00%	41.67%
30	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	232.42	0.00%	100.00%	98.53%
31	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	50.81	0.00%	100.00%	93.75%
32	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	11.51	0.00%	100.00%	92.31%

N.R.A. Annex 1A Low Load Inputs

Determinand: T_CL_ETHA

Pos	REGION	CATCHMENT	LOCATION	FLOW	LOAD		% of Detect	
					m3/day	g/year	% Total	% Acc
								Limits
1	NORTH WEST	Weaver	Frodsham Road Bridge	941054	917831.63	57.55%	57.55%	16.67%
2	WELSH	Afan	74046-Afan-Afan Pumping	67219	148886.37	9.34%	66.88%	0.00%
3	NORTH WEST	Mersey	Warrington STW	63540	74968.82	4.70%	71.58%	8.33%
4	THAMES	Thames	Thames at Teddington	2969609	64144.22	4.02%	75.61%	75.00%
5	YORKSHIRE	HUMBER	HULL WEST STW	65262	46109.37	2.89%	78.50%	87.50%
6	NORTH WEST	Mersey	Liverpool STW	202985	42739.67	2.68%	81.18%	0.00%
7	WESSEX	BRISTOL AVON	AVON KEYNSHAM	1407741	30184.92	1.89%	83.07%	83.33%
8	YORKSHIRE	HUMBER	HULL EAST STW	45026	29400.42	1.84%	84.91%	87.50%
9	NORTHUMBRI	NORTH SEA	HENDON SUNDERLAND	75326	26630.40	1.67%	86.58%	88.89%
10	WELSH	Usk	40970-USK-Chain Bridge	1171037	23278.30	1.46%	88.04%	33.33%
11	NORTHUMBRI	NORTH SEA -	PORTRACK STW (NO	82519	21748.27	1.36%	89.41%	81.82%
12	NORTH WEST	Sankey	Widnes STW	36112	16074.04	1.01%	90.41%	7.69%
13	NORTHUMBRI	NORTH SEA -	HOWDON STW	278713	13832.13	0.87%	91.28%	75.00%
14	THAMES	Thames Estuary	Mogden STW	437533	12072.38	0.76%	92.04%	83.33%
15	NORTHUMBRI	TEES - DABHOLME	ICI WILTON COMPLEX	112037	10947.14	0.69%	92.72%	97.56%
16	WELSH	Swansea Bay	30365-Swansea	100530	10146.50	0.64%	93.36%	36.36%
17	WELSH	Tawe	30001-TAWE-Morrison	817398	9609.57	0.60%	93.96%	86.67%
18	THAMES	Thames-Lee	Lee at Carpenters Rd	369594	9290.50	0.58%	94.55%	58.33%
19	YORKSHIRE	DON	NORTH BRIDGE	746869	8135.74	0.51%	95.06%	80.00%
20	YORKSHIRE	NORTH SEA	BRIDLINTON STW	18750	8088.07	0.51%	95.56%	90.91%
21	NORTHUMBRI	NORTH SEA -	ICI RTO 1	26879	8015.40	0.50%	96.07%	91.67%
22	YORKSHIRE	OUSE	NABURN LOCK	277669	7463.24	0.47%	96.53%	94.74%
23	ANGLIAN	Orwell Estuary	CLIFF QUAY FINAL	34440	5559.32	0.35%	96.88%	75.00%
24	ANGLIAN	Wash-Ouse	DOW CHEMICAL	4588	5384.48	0.34%	97.22%	0.00%
25	ANGLIAN	Humber	PYEWIPE PUMPING	15920	4448.57	0.28%	97.50%	62.50%
26	WELSH	Usk	40130-LWYD-Ponthir Weir	263140	4327.37	0.27%	97.77%	60.00%
27	YORKSHIRE	HUMBER	BP CHEMICALS LTD	7099	3893.41	0.24%	98.01%	91.04%
28	WESSEX	ENGLISH	WEST BAY O/FALL	13058	3731.87	0.23%	98.25%	85.71%
29	SOUTH WEST	RESTRONGUET	DEVORAN BRIDGE (HM)	76593	3558.52	0.22%	98.47%	80.00%
30	NORTHUMBRI	TYNE - TEAM	TEAM AT THIRD AVENUE	64787	3134.57	0.20%	98.67%	50.00%
31	WELSH	Ely	16001-ELY-U/s St. Fagans	225855	3011.84	0.19%	98.86%	66.67%
32	WESSEX	SEVERN ESTUARY	WESTON SUPER MARE	33832	2994.41	0.19%	99.04%	87.50%
33	SOUTH WEST	RIVER FAL	TREGONEY	126671	2573.34	0.16%	99.21%	80.00%
34	ANGLIAN	Humber	HYDRO FERTILISERS	7564	2148.13	0.13%	99.34%	42.86%
35	ANGLIAN	Humber	IMMINGHAM CRUDE	2976	2147.66	0.13%	99.47%	0.00%
36	THAMES	Thames Estuary	Riverside STW	92504	2073.86	0.13%	99.60%	81.82%
37	ANGLIAN	Wash/Ouse	PORVAIR LTD.KINGS	299	1766.74	0.11%	99.72%	0.00%
38	THAMES	Thames Estuary	Long Reach STW	191855	1569.50	0.10%	99.81%	91.67%
39	SOUTHERN	North Sea-Medway	Aylesford Newsprint	18259	666.30	0.04%	99.86%	83.33%
40	NORTH WEST	Mersey	Halewood STW	9299	665.21	0.04%	99.90%	66.67%
41	ANGLIAN	Humber	SCM CHEMICALS LTD	20953	452.60	0.03%	99.93%	85.71%
42	NORTH WEST	Darwen	A6 Road Bridge	197844	443.87	0.03%	99.95%	91.67%
43	ANGLIAN	Orwell/Stour	Felixstowe Outfall	4922	354.78	0.02%	99.98%	66.67%
44	ANGLIAN	Humber	TIOXIDE U.K. LTD	20103	228.39	0.01%	99.99%	85.71%
45	SOUTHERN	North Sea-Medway	Akzo Chemicals No 1	1289	114.03	0.01%	100.00%	69.23%
46	NORTHUMBRI	NORTH SEA -	TREATED EFF SEAL	92	23.84	0.00%	100.00%	93.75%
47	ANGLIAN	Humber	MTM AGROCHEMICALS	9	8.76	0.00%	100.00%	0.00%
48	SOUTH WEST	SEVERN ESTUARY	AVONMOUTH STW	206	8.32	0.00%	100.00%	75.00%