

## APPENDIX 9-4

### SUMMARY OF THE ENVIRONMENT AGENCY'S SURFACE WATER QUALITY MONITORING

**Table 1**  
**Sampling Point B0010127 - NGR ST5189380720 (01-JAN-2001 to 01-MAY-2009)**

Determinand	Count	Min	Mean	Max	EQS Saltwater	UK Drinking Water Standards
Pb filtered (µg/l)	234	0.051	1.89	2.6	25	25
Hg filtered (µg/l)	219	0.01	0.0103	0.04	0.3	1
Cd filtered (µg/l)	234	0.048	0.27	2.87	2.5	5
Aldrin (µg/l)	154	0.001	0.0012	0.01	0.01	0.03
Dieldrin (µg/l)	154	0.001	0.0012	0.0096	0.01	0.03
Endrin (µg/l)	154	0.001	0.0012	0.0095	0.005	0.1
Choloroform (µg/l)	208	0.1	0.255	1.63	12	-
Zn filtered (µg/l)	234	3.72	19.58	118	-	5000
Cr filtered (µg/l)	234	0.5	0.59	6.8	15	50
Ni filtered (µg/l)	234	0.95	2.99	14.9	30	20
Cu filtered (µg/l)	234	0.309	2.54	5.1	5	2000

**Table 2**  
**Sampling Point B0010137 - NGR ST5210084100 (01-JAN-2001 to 01-MAY-2009)**

Determinand	Count	Min	Mean	Max	EQS Saltwater	UK Drinking Water Standards
Pb filtered (µg/l)	236	0.04	1.91	2.5	25	25
Hg filtered (µg/l)	360	0.01	0.0109	0.07	0.3	1
Cd filtered (µg/l)	360	0.056	0.216	0.4	2.5	5
CN µg/l	12	5	5	5	-	50
Zn filtered (µg/l)	360	0.68	2.51	3.8	-	5000
Cr filtered (µg/l)	360	0.5	0.538	2.88	15	50
Ni filtered (µg/l)	360	0.68	2.51	3.8	30	20
Cu filtered (µg/l)	360	0.5	2.47	4.8	5	2000

**Table 3**  
**Sampling Point B0010125 - NGR ST5124379913 (01-JAN-2001 to 01-MAY-2009)**

<b>Determinand</b>	<b>Count</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>EQS Saltwater</b>	<b>UK Drinking Water Standards</b>
Pb filtered (µg/l)	404	0.04	1.64	18.7	25	25
Hg filtered (µg/l)	409	0.01	0.013	0.26	0.3	1
Cd filtered (µg/l)	419	0.04	0.55	14.6	2.5	5
Zn filtered (µg/l)	408	0.4	32.57	1960	-	5000
Cr filtered (µg/l)	199	0.5	0.57	5.9	15	50
Cu filtered (µg/l)	199	1.3	2.66	18.8	5	2000
Ni filtered (µg/l)	199	3	3	3.6	30	20