

## Appendix D: Environment Agency Correspondence



Our Ref: C/CSC/7708  
Your Ref:

Date: 23 March 2005

Mr Matthew Parry  
Buro Happold Engineer  
Camden Mill  
Lower Bristol Road  
Bath  
BA2 3DQ

Dear Matthew

**INFORMATION REQUEST – Hayle Harbour Redevelopment**

I am writing in response to your communication of 21 February 2005. The Agency's comments are detailed below.

Because the waters are tidal we do not have RQO or GQA grades to offer. There are no specific water based designations (ie EU Directives) for Hayle Harbour so there aren't any specific EQSs to offer.

There is mention of Shellfish Keepnets therefore I have attached the standards from the SFW Directive.

We could supply a list of relevant EQSs if you could supply a list of the parameters that you are interested in.

Monitoring data as requested is attached in excel format.

This information is provided subject to the enclosed Notice which you should read.

If you have any queries or require further information, please contact me quoting our reference.

Yours sincerely

**TRACEY PARRY**  
External Relations Officer - 7 24 5111

Encs.

Parameter	Units	Type	"G" Value	"I" Value
pH	pH units	n/a	-	7-9
Temperature	°C deviation from normal	n/a	2	-
Colour	mg/l deviation from normal	n/a	-	10
Susp solids	% deviation from normal	n/a	-	30
Salinity	ppt	n/a	12-38	40
Salinity	% deviation from normal	n/a	-	10
Dissolved oxygen	% satn	AA	80	70
Dissolved oxygen	% satn	Min	-	60
Hydrocarbons	Visual	n/a	-	Nil
Hydrocarbons	Biological	n/a	-	No harm
Organohalogens	Biological	n/a	-	No harm
Metals (Ag, As, Cd, Cr, Cu, Hg, Ni, Pb, Zn)	Biological	n/a	-	No harm
Lindane	ug/l	MAC	-	100
Dieldrin	ug/l	MAC	-	100
DDT	ug/l	MAC	-	33
Parathion	ug/l	MAC	-	100
Ag (diss)	ug/l	MAC	-	10
As (diss)	ug/l	MAC	-	3000
Cd (diss)	ug/l	MAC	-	330
Cr (diss)	ug/l	MAC	-	1000
Cu (diss)	ug/l	MAC	-	10
Hg (diss)	ug/l	MAC	-	1
Ni (diss)	ug/l	MAC	-	100
Pb (diss)	ug/l	MAC	-	100
Zn (diss)	ug/l	MAC	-	10
Zn (diss)	ug/l	MAC	-	40
FC	No/100ml	n/a	300	-

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Relevnt Extracts from Environment Agency Monitoring Data:

Name	NGR	Date	0329 Pb -	0357 As -	0376 Cr -	0430 Ni -	1216 Cu -	1246 Zn -	1254 Cd -	1329 Pb -	1357 As -	1376 Cr -	1430 Ni -	7845 Cd	7846 Cu	7849 Zn
			Dry Wt (mg/kg)	DWt (mg/kg)	Dry Wt (mg/kg)	Dry Wt (mg/kg)	Wet Wt (mg/kg)	Wet Wt (mg/kg)	Wet Wt (mg/kg)	Wet Wt (mg/kg)	WetWt (mg/kg)	Wet Wt (mg/kg)	Wet Wt (mg/kg)	Wet Wt (mg/kg)	DW <63 (mg/kg)	DW <63 (mg/kg)
HAYLE ESTUARY - MOUTH	SW5498038000	02/10/1992	12	2	2	3										
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	14/02/1991					7	32	0.5	2	0.05	2	2	1.6	26	352
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	14/02/1991					5	56	0.5	2	0.05	2	2			
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	24/02/1993														
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	24/02/1993	8	15.9	2	3								2	68	382
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	11/02/1994	6.79	110	2.57	14.6								0.94	143	1201
HAYLE ESTUARY - LELANT SALTINGS	SW5500037800	11/02/1994	6.68	20.4	6.62	16.7								1.31	51.6	471
HAYLE ESTUARY - LELANT SALTINGS	SW5470036500	14/02/1991					7	32	0.5	2	0.05	2	2			
HAYLE ESTUARY - LELANT SALTINGS	SW5470036500	14/02/1991					5	56	0.5	2	0.05	2	2			