

50 Gullane



50.1 Background Information

The very popular and picturesque bathing water at Gullane has achieved excellent quality status every year since 1995.

The high quality of the bathing water at Gullane is due to the effective local sewage treatment works (STW), and the fact that storm overflows (SOs) are located well away from the bathing water area. Work was completed early this year to build a new long sea outfall and to extend the existing outfall for the discharge of storm sewage which will provide further protection of the bathing waters in this area.

In March 2006 the revised Bathing Water Directive (2006/7/EC) entered into force and was enacted in the UK by Regulations in March 2008. Key features are tighter microbiological standards to be met by 2015 and increased provision of public information.

Compliance and pollution improvement required for the designated EU Bathing Waters will be co-ordinated through the Water Framework Directive (WFD) programme of measures which will form part of the river basin management plan. The programme of measures will outline measures (actions) that are being taken to protect and improve the water environment in the river basin district. This EU designated bathing water (protected area) pollution reduction plan will identify measures relevant to this bathing water and associated water bodies that are being undertaken as part of the programme of measures.

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

Table 50A: Record of Compliance for Gullane, 1997 – 2007.

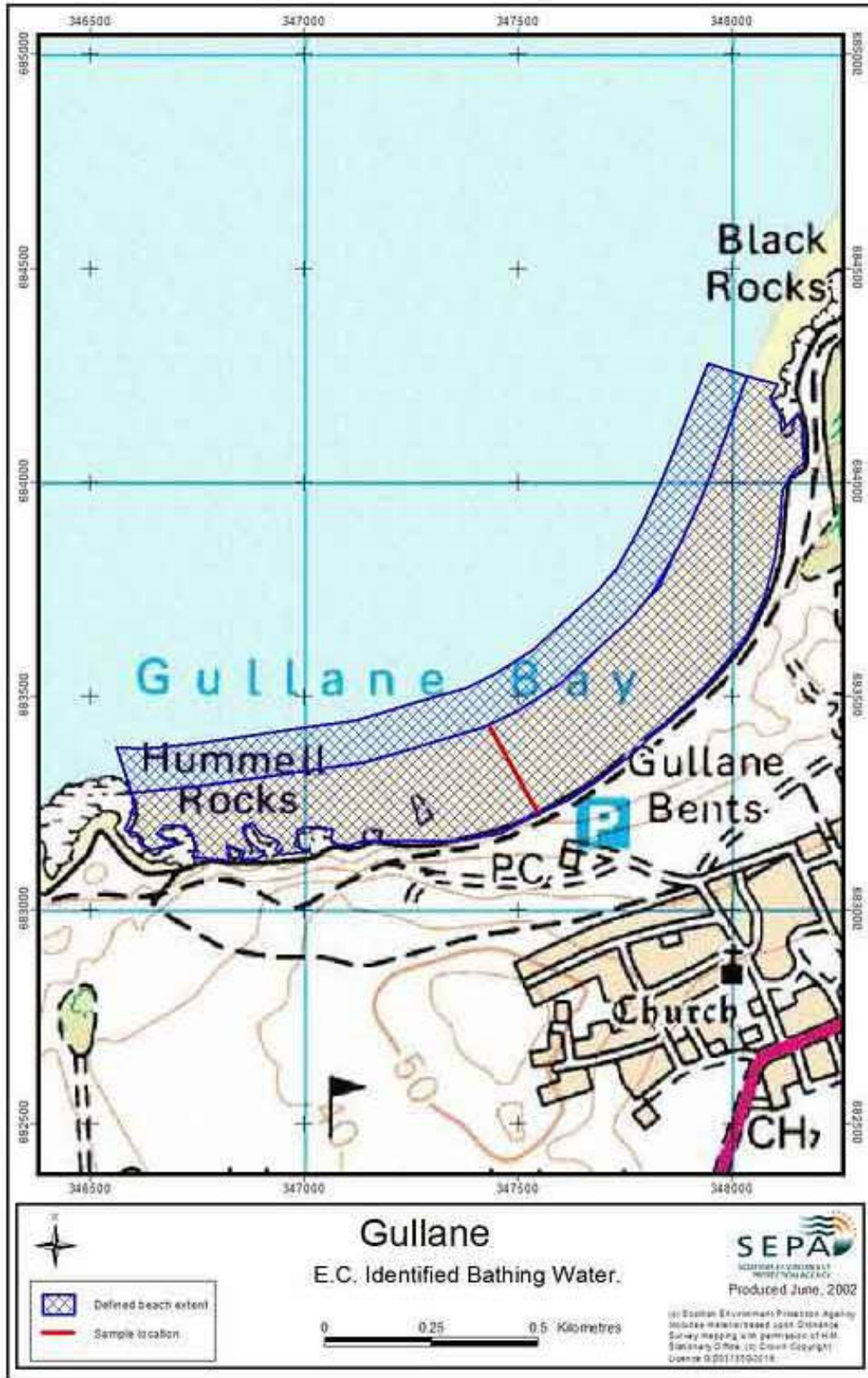


Figure 50A: Map of Gullane designated bathing beach and surrounding local area

50.2 Results for 2007

Gullane Results				
Date	Total Coliforms (colonies/100ml)	Faecal Coliforms (colonies/100ml)	Faecal Streptococci (colonies/100ml)	Abnormal Weather Waiver
21052007	2	<2	<2	-
18062007	8	<2	4	-
08072007	52	44	2	-
02082007	14	14	<2	-
29082007	14	14	32	-
Number of Samples taken : 5				

Table 50B: Microbiological results for Gullane bathing water, June – September 2007

50.3 Scottish Water Assets

All sewage is taken to the local STW. In early 2004 work was completed to build a new long sea outfall and to extend the existing outfall for the discharge of storm sewage.

50.4 Other Discharges

No other significant discharges are considered likely to threaten the quality of this bathing water.

50.5 Agriculture

Agriculture is not considered to have any significant impact on this bathing water.

50.6 Hydrometric Network

Figure 50B shows a map of the hydrometric network of the surface water catchment area of Gullane bathing water.

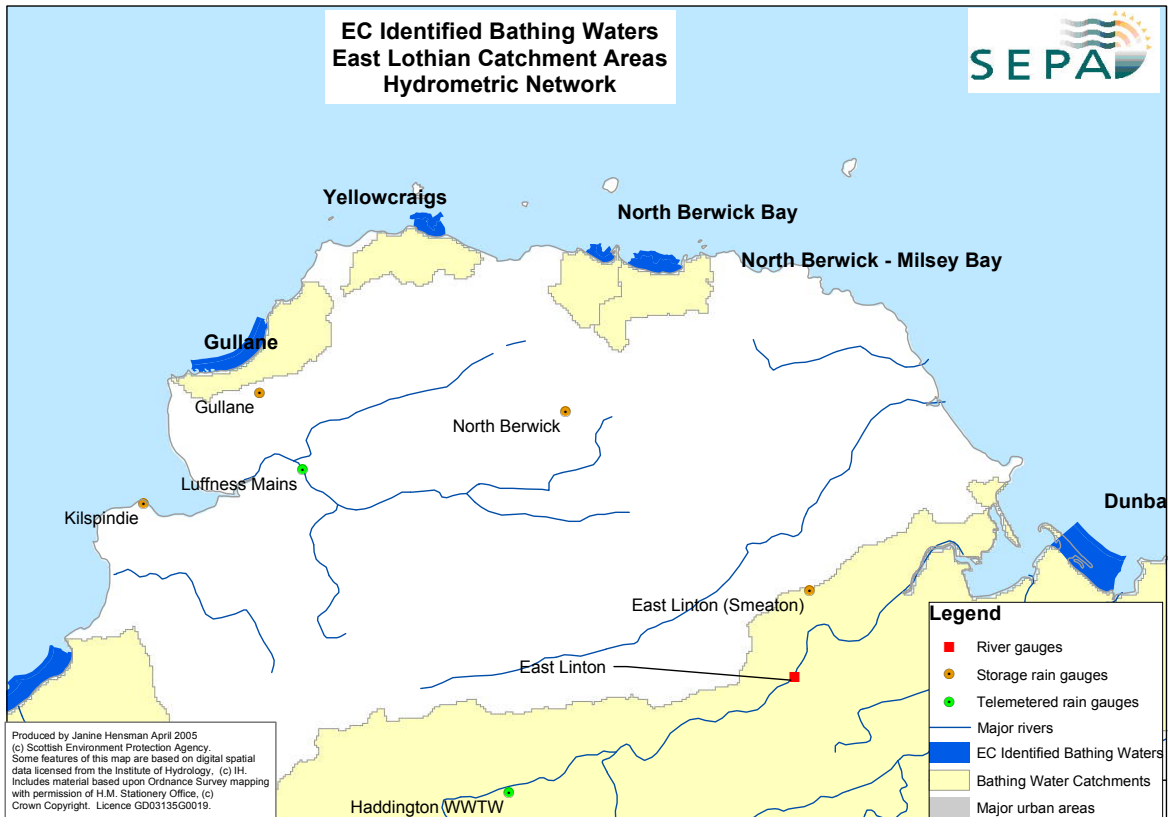


Figure 50B: Hydrometric map of Gullane and surrounding area

50.7 Further Investigations

SEPA will continue to monitor these waters as per the requirements of the EC Bathing Waters Directive and will continue to ensure that all sewage discharge consent conditions are met.

50.8 Response to Failure

Gullane has been assessed for the 2008 season as being of low risk of failing the mandatory standard.

Should there be a mandatory failure, there will be an immediate response to check all the relevant potential sources in the catchment area to confirm the reason, including follow-up microbiology sampling of the bathing water and nearby river inputs.

The regional Environmental Quality Unit will co-ordinate a response in conjunction with the local Environmental Protection and Improvement team and Environmental Science functions and post the result of the investigation and actions arising on the SEPA bathing waters internet site.