

BATHING WATER PROFILE

Environmental Protection (EP) has produced a bathing water profile for all monitored bathing waters in Jersey. The profile summarises EP's knowledge of a bathing water, including its quality and details of any improvements aimed at providing better water quality for bathers.

The bathing water profiles are a requirement of the revised Bathing Water Directive 2006/7/EC.

Name: Beauport



Beach operator States of Jersey

Details

Monitoring began: 1994

Sampling point location: Lat/Long 49.11 N 2.12 W (see map)

Bathing water quality: Weekly monitoring results are uploaded to the web page at: www.gov.je/water

For details of yearly compliance assessments for this bathing water, please see below.

Beauport

Annual water quality classification

2017: Excellent bathing water quality



2016: Excellent bathing water quality



2015: Excellent bathing water quality



A classification for each bathing water is calculated annually, based on all of the samples from the previous four years. These classifications, from best to worst, are “excellent”, “good”, “sufficient” or “poor”.

Classification	Thresholds	Confidence level
Excellent	EC: ≤ 250 cfu/100ml; IE: ≤ 100 cfu/100ml	95 th percentile
Good	EC: ≤ 500 cfu/100ml; IE: ≤ 200 cfu/100ml	95 th percentile
Sufficient	EC: ≤ 500 cfu/100ml; IE: ≤ 185 cfu/100ml	90 th percentile
Poor	Values are worse than sufficient	

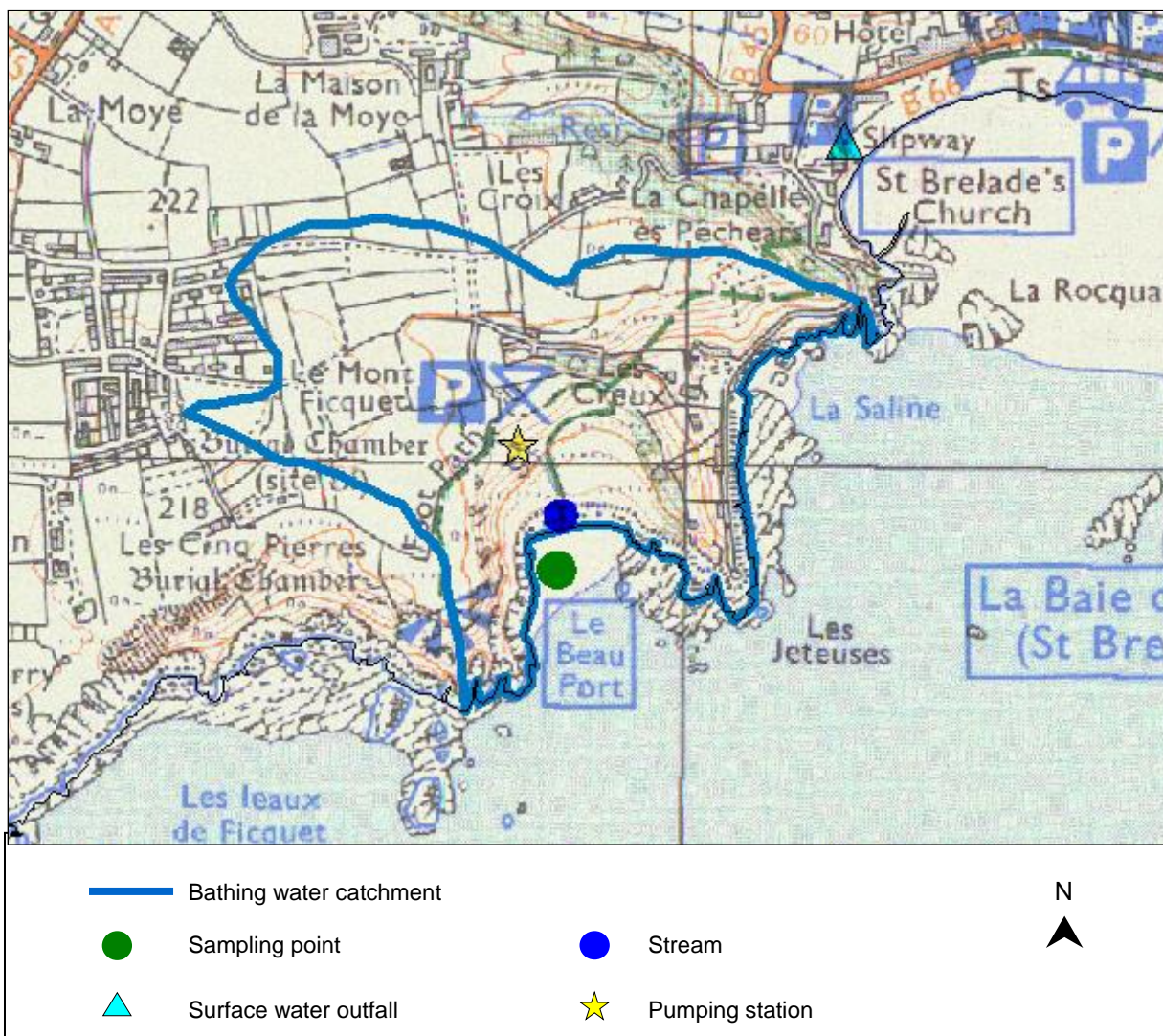
Escherichia coli (EC)
Intestinal enterococci (IE)

Bathing water description

The Beauport bathing water is located in a small and shallow bay, approximately 250 m long, situated on the south coast of Jersey. The beach slopes fairly steeply. The upper beach consists of cobbles, whilst the lower beach is sand and occasional rocks. There is a larger rocky area at the eastern end of the bay.

During and after heavy rainfall events water quality may deteriorate in streams and outfalls flowing onto the beach.

Bathing water map

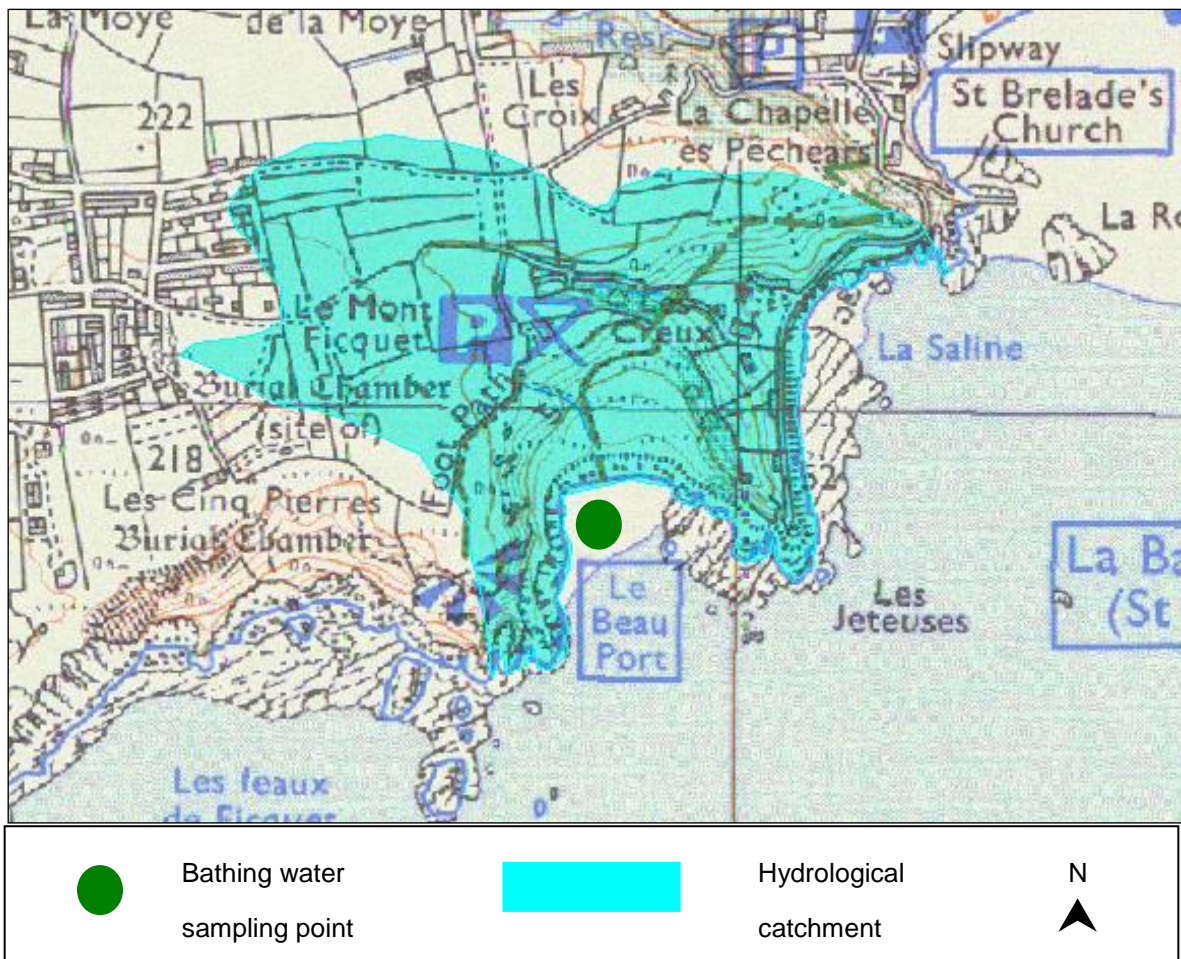


Catchment description

The natural drainage (hydrological) catchment surrounding the bathing water is approximately 33 hectares. The lower catchment slopes steeply. Water running off the land after heavy rainfall can flow down a channel at the side of the pathway below the car park and onto the beach very quickly.

There is some arable land in the upper catchment as well as natural land. The lower part of the catchment is natural vegetation (mainly woodland, scrub and cliffs) with less than ten residential properties along one road.

Catchment map



Pollution management

The quality of the sea is dependant on the type and size of land (the catchment) draining to the coast and the activities undertaken on it.

The following section gives an indication of potential sources of pollution, conditions under which they may arise and measures put in place to drive improvements.

Sewage Treatment Works outfall

There is no sewage treatment works outfall within this catchment.

Emergency/Storm overflows

There are no storm overflows within this bathing water catchment. In July 1992, 4,000 tons of surplus potatoes were buried in field 575. Leachate from the potatoes 'broke out' in a spring and polluted a small stream which contaminated the beach and sea. A catch-pit was built to capture the leachate, which was then pumped to a holding tank in the car park and then transported to the sewage treatment works by tanker. A pumping station was installed in 2007 to pump the effluent to the sewage treatment works. This pumping station has a high level overflow to sea via the nearby channel. There is no current indication of any microbiological impact on the bathing water.

Misconnections

The misconnection of domestic foul water to surface water drainage can affect the water quality of streams and the sea. There are no public foul water connections within this catchment, however, two properties have private foul connections to the mains sewer.

EP is not aware of any current misconnections within the bathing water catchment.

Surface water outfalls

There are no surface water outfalls within this catchment.

Highway drains

Heavy rain falling on pavements and roads often drains into highway drains surface water sewers, ending up in local streams, and ultimately, the sea.

Highway drains are often connected to streams which could result in the quality of the stream or bathing water becoming adversely affected, especially following periods of heavy rainfall.

Working with the farming community

There are no animals registered within this catchment.

Working with industry

There is no heavy industry within this catchment.

Working with private owners

The majority of domestic properties are not on the main sewerage system and have private sewage treatment arrangements. EP do not believe these are a source of pollution to the bathing water at present. If any concerns arise, EP will investigate and request immediate remedial action from those responsible.

Streams

Streams can be affected by human or industrial inputs from further up the catchment. There is a small stream, which is often dry during the summer (see blue circle on the bathing water map) which may be a source of poorer water quality than usual after heavy rainfall. There is a very small stream in the eastern part of this catchment, which does not drain to the sea.

Boats

Boats do not tend to be moored at this bathing water. However, there are sometimes pleasure craft temporarily anchored during the summer.

Wildlife

Seagulls are sometimes present at this bathing water.

Algae

Macroalgae (seaweed) and phytoplankton (microscopic algae) are a natural part of the marine environment.

Seaweed (macroalgae)

EP's current information suggests that the bathing water can be subject to small amounts of seaweed depending on tides and the weather.

Phytoplankton

Phytoplankton (microscopic algae) naturally increase in numbers at certain times of the year. This process is known as a phytoplankton bloom. EP's current information suggests that this bathing water is unaffected by phytoplankton blooms.

Access and Facilities

Parking	✓
Easy access	
Access by steps	✓
Refreshments	
Deck chair hire	
Watersports	
Toilets	
Disabled toilets	
Showers	
Lifeguards	

Further information

To make any comments about the contents of this bathing water profile please send an email to: envprotection@gov.je. Please phone the water pollution hotline on Tel: 709535 to report pollution. For health advice please contact Environmental Health on Tel: 445808 or visit www.gov.je/environmentalhealth

About this document

Original: August 2011

Last update: May 2018

Next update: