

Research and analysis: Habitats Regulations Assessments – North East North West South East South West Marine Plans

Under the EC Habitats Directive, all marine plans must have a Habitats Regulation Assessment.

The Habitats Regulation Assessment looks at what impact a plan could have on the objectives of a European conservation site. It includes:

- pre-screening review
- screening review
- an appropriate assessment information report

Press release: South West Water prosecuted for crude sewage spill in Truro River

South West Water will pay £54,000 in fines and costs for allowing untreated sewage to escape from a pumping station near Truro in Cornwall.

The case was brought by the Environment Agency.

On 16 March 2015 approximately 400,000 litres (88,000 gallons) of sewage was discharged from the Calenick Pumping Station into the Truro River via Calenick Creek.

Located south of Truro at the head of an estuary, the site receives sewage from surrounding villages and pumps it to Truro (Newham) Sewage Treatment Works for full treatment, including disinfection.

An investigation by the Environment Agency revealed two factors contributed to the illegal discharge.

In 2015 a contractor working on electrical panels at the pumping station forgot to restart the pumps. This meant sewage arriving in the wet well, a storage area within the site, wasn't pumped out.

Shortly before the spill, South West Water received three urgent alarms via telemetry warning that sewage had reached a high level in the sump, yet no

pumps were running. The team responsible for sending a crew to the pumping station failed to telephone them with a 'high priority' request to attend the site. Instead, they messaged them electronically, forgetting the crew was at a meeting and wouldn't be able to get to Calenick for some time.

A short while later, further alarms were triggered warning the water company that sewage was now spilling from the pumping station outfall into Calenick Creek. The discharge continued for approximately four-and-a-half hours.

The pumping station lies within a Site of Special Scientific Interest (SSSI) and Special Area of Conservation close to commercial mussel and oyster beds at Grimes Bar and Malpas. Fortunately, the sewage spill occurred during the closed season for shellfish, although there was a risk of possible contamination of shellfish beds.

Mark Pilcher of the Environment Agency said:

It is vitally important water companies have robust procedures in place to ensure their sewage infrastructure assets perform appropriately.

Calenick Sewage Pumping Station is situated at the head of a very sensitive estuary containing important intertidal habitats and commercial shellfish beds. The unpermitted discharge of crude sewage to the estuary because the pump station was not switched on following a site inspection is unacceptable.

South West Water had earlier pleaded guilty to discharging crude sewage from Calenick Sewage Pumping Station contrary to Regulations 12(1)(a) and 38(2) of the Environmental Permitting Regulations 2010.

At a sentencing hearing at Truro Crown Court on 26 January 2017, South West Water was fined £50,000 and ordered to pay £4,000 costs.

Press release: South West Water prosecuted for crude sewage spill in Truro River

South West Water will pay £54,000 in fines and costs for allowing untreated sewage to escape from a pumping station near Truro in Cornwall.

The case was brought by the Environment Agency.

On 16 March 2015 approximately 400,000 litres (88,000 gallons) of sewage was

discharged from the Calenick Pumping Station into the Truro River via Calenick Creek.

Located south of Truro at the head of an estuary, the site receives sewage from surrounding villages and pumps it to Truro (Newham) Sewage Treatment Works for full treatment, including disinfection.

An investigation by the Environment Agency revealed two factors contributed to the illegal discharge.

In 2015 a contractor working on electrical panels at the pumping station forgot to restart the pumps. This meant sewage arriving in the wet well, a storage area within the site, wasn't pumped out.

Shortly before the spill, South West Water received three urgent alarms via telemetry warning that sewage had reached a high level in the sump, yet no pumps were running. The team responsible for sending a crew to the pumping station failed to telephone them with a 'high priority' request to attend the site. Instead, they messaged them electronically, forgetting the crew was at a meeting and wouldn't be able to get to Calenick for some time.

A short while later, further alarms were triggered warning the water company that sewage was now spilling from the pumping station outfall into Calenick Creek. The discharge continued for approximately four-and-a-half hours.

The pumping station lies within a Site of Special Scientific Interest (SSSI) and Special Area of Conservation close to commercial mussel and oyster beds at Grimes Bar and Malpas. Fortunately, the sewage spill occurred during the closed season for shellfish, although there was a risk of possible contamination of shellfish beds.

Mark Pilcher of the Environment Agency said:

It is vitally important water companies have robust procedures in place to ensure their sewage infrastructure assets perform appropriately.

Calenick Sewage Pumping Station is situated at the head of a very sensitive estuary containing important intertidal habitats and commercial shellfish beds. The unpermitted discharge of crude sewage to the estuary because the pump station was not switched on following a site inspection is unacceptable.

South West Water had earlier pleaded guilty to discharging crude sewage from Calenick Sewage Pumping Station contrary to Regulations 12(1)(a) and 38(2) of the Environmental Permitting Regulations 2010.

At a sentencing hearing at Truro Crown Court on 26 January 2017, South West Water was fined £50,000 and ordered to pay £4,000 costs.

PhD student hosts presentation on soil to Chinese university

Xin Shu, an SRUC postgraduate research student with Crops and Soil Systems, recently hosted a high profile presentation to the Nanjing Agricultural University (NAU) in China.

SRUC Oatridge students adopt a beach in national campaign to clean up the coastline

A group of Animal Care students from the Oatridge campus have adopted a stretch of local beach at Blackness as part of the Marine Conservation Society's (MCS) national Beachwatch program.