

Guidance: M9: environmental monitoring of bioaerosols at regulated facilities

This technical note is for regulators, process operators and those with interests in monitoring. It is one of a series produced to provide a standardised approach for monitoring bioaerosols. It is applicable to facilities that have both ambient and point source emissions.

Policy paper: UK statement on sustainable palm oil: final progress report

How organisations in the UK are meeting their various commitments to source sustainable palm oil and reporting key developments within their sectors.

This is the final update to commitments made in the [sustainable production of palm oil: UK statement](#).

Press release: New Northumberland fish passes open up stream

Two new fish passes on a Northumberland stream are giving salmon and sea trout easier access to 22km of watercourse.

The work by the Environment Agency and Northumberland Rivers Trust at South Low, in north Northumberland near Berwick, is making it easier for fish to migrate and spawn.

Two large weirs were preventing fish movement upstream, but both weirs have been changed to make it easier for sea trout and salmon to make their way to their spawning grounds.

It follows work to make it easier for fish to pass through Environment Agency tidal gates at the coast, where the sea meets the stream.

Since then, work has been taking place to make it easier for fish to move

further upstream.



Upstream weir before it was altered to make it easier for fish migration



The new upstream fish pass after alterations were made to the weir to make it into a rock pass

Easier for fish

Robbie Stevenson, Fisheries Technical Officer with the Environment Agency, said:

We've worked closely with partners to carry out a lot of positive work in this area, to look at issues which might be having an impact on fish populations.

The alterations to the weirs will open up 22km of watercourse for fish and make it far easier for them to travel upstream.

We've worked really hard together with our partners over the years to make dramatic improvements to water quality.

But there is always more we can do and this project at South Low is the sort of work which is taking place right across the North East and the country to protect and enhance our rivers and streams.

The £100,000 project has been part funded by the Environment Agency, supplemented by private landowner contributions and the work carried out by volunteers.

Important fish passes

Peter Kerr, Director of Northumberland Rivers Trust, who was also designer and project manager for this project, added:

We are delighted to have been able to add these two important fish passes by working in partnership.

The contractors, WL Straughan and Son, did an excellent job in some challenging weather conditions, including the floods following Storm Angus.

After we completed the lower of the passes we saw some big sea trout trying to get past the upper weir, so we are confident that the lower one works well and that there are many migratory fish trying to return to the South Low.

The recent completion of the upper pass will now let these fish access many miles of spawning gravels.

Press release: Work begins on major £18 million Newhaven flood defence project

Construction work on the Newhaven flood alleviation scheme started on 3 January 2017, after 2 years of development including consultation with the local community. After a competitive tendering process, the Environment Agency has employed the services of contractors JacksonHyder to carry out design and construction of this scheme.

The Newhaven flood alleviation scheme has been developed in partnership with Lewes District Council, East Sussex County Council, the Coast to Capital Local Enterprise Partnership (LEP) and South East LEP to reduce the flood risk to approximately 431 homes and 387 commercial properties by significantly improving the standard of existing tidal defences in the East Sussex town.

Floods Minister Thérèse Coffey said:

This £18 million flood defence scheme is a great example of our commitment to better protect the Sussex coast from the kind of devastating flooding experienced in 2013.

All along this coastline, communities are thriving and growing. But we understand the region's full potential cannot be realised without tackling flood risk. That's exactly what we're working with our partners to achieve in Newhaven and throughout the country.

Gordon Wilson, Environment Agency Area Flood and Coastal Risk Manager, said:

I am delighted that construction has started and I would like to take the opportunity to thank the Newhaven community for their invaluable feedback and support throughout the design, consultation and planning processes.

In order to improve the current aging flood defences, unavoidably there may be some disruption whilst essential construction work takes place. We always aim to keep any disruption to a minimum and we thank the community in advance for their ongoing support.

When the whole project is complete in 2019, the scheme will reduce the tidal flood risk to hundreds of homes and a significant number of commercial properties in the area, as well as protecting important local infrastructure such as the road network, railway tracks and the train station. This scheme will also support the wider regeneration of Newhaven, helping to bring new investment,

jobs and homes to the area.

Councillor Andy Smith, Leader of Lewes District Council, said:

I am very pleased that work is underway on this hugely beneficial project for the future of Newhaven and its residents.

Most importantly, it will give a high level of protection to homes and businesses as well as the transport network, greatly reducing the risk of a repeat of the 2013 floods which caused widespread damage and upset. In addition, the scheme also supports the wider regeneration of Newhaven and will help to bring new investment, jobs and homes here.

Councillor Rupert Simmons, lead cabinet member for economy at East Sussex County Council, said:

We're delighted that the Environment Agency has started work to improve flood protection for Newhaven. When the scheme is completed it will significantly reduce the risk of flooding, benefitting residents and providing a real boost for businesses in the town.

Councillor Steve Saunders, Town Mayor of Newhaven, said:

I welcome the start of work on these flood defence works by the Environment Agency. This is good news for Newhaven because they will provide much needed protection to local homes, businesses and infrastructure as well as enabling regeneration to take place in the town.

The Coast to Capital LEP and South East LEP are each contributing £1.5 million, as part of their wider commitment to regeneration in Newhaven. This funding has allowed the scheme to start construction in January 2017.

Tony Middleton, chief operating officer at Coast to Capital LEP, said:

It's exciting to see the flood defence project starting to come to life. The LEP has funded this scheme because the construction of the defences will act as a catalyst for the wider regeneration of Newhaven and continue to protect the vital local infrastructure surrounding the area, drawing in new investment, jobs and homes for the area.

Chris Brodie, Chairman, South East Local Enterprise Partnership, said:

South East LEP welcomes this important milestone and is pleased to be able to support this vital project which is important, not only in protecting the existing business community of Newhaven and local infrastructure, but significantly improves future opportunity for investment in new jobs and homes.

Contact

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[Press release: Bats and churches to benefit thanks to National Lottery](#)

The Heritage Lottery Fund (HLF) has approved the development stage and initial funding of £3.8million for the 5 year “Bats in Churches” partnership project, bringing together wildlife and heritage conservation and church organisations to save bats and protect churches.

The ground-breaking project will:

- trial and perfect new techniques to enable bats and church congregations to live together
- build up professional expertise and volunteer skill to share the best solutions with hundreds more churches
- bring together church communities and bat enthusiasts to create a shared understanding and appreciation of England’s historic places of worship and our rare flying mammals

Natural England’s Chairman, Andrew Sells, said:

This is a splendid result for both congregations and bats, who have shared churches for centuries but not always happily. We’ve been working very hard for a number of years with our partners to find ways to help bats and people coexist peacefully in these beautiful, historic buildings. This funding will allow us to capitalise on that good work and find innovative new ways of resolving the conflict. It will provide a lasting legacy for these wonderful churches and the people and bats that rely on them.

The project will provide help and support to places of worship across England where large bat populations can sometimes have a

negative impact on historic buildings and the communities who use them.

HLF's CEO, Ros Kerslake, said:

We welcome this unprecedented co-operation between church leaders and bat conservationists. It's a positive move forward and should provide a practical solution to what has become a national problem.

Bats in Churches' is being made possible thanks to National Lottery players' money. The legacy of our £3.8m investment will be a major step change in how this issue is approached in the future. Local communities who work hard to look after and use their churches, precious bat populations and historic church buildings are all set to benefit. The most immediate outcome is developing proposals for 100 churches in England to put in place solutions to protect resident bat populations whilst preventing further damage to the buildings.

The UK has internationally important populations of bats, which are at risk, because of decreases in woodland where some species hunt for insects, conversion of barns, loss of natural roosting sites and changes in farming practices. Due to significant historical declines in bat populations in the UK, all bats have been protected under British law since 1981. Churches can be important sanctuaries for bats for maternity roosts and hibernation.

Whilst small bat populations can occupy parts of a church without disturbance, in other cases bats can pose severe financial and social problems for congregations. At a time when churches are increasingly becoming community hubs with a diversity of events and uses, bat droppings can restrict activities, damage historic artefacts, cause hygiene issues and put strain on the volunteers who look after these beautiful buildings. In rare cases large bat roosts have even caused churches to close.

Rt Hon Sir Tony Baldry, Chair of the Church Buildings Council, said:

This grant should help us better manage bats in churches. We are not opposed to bats, they are intriguing creatures and part of God's creation, but they can do enormous damage in churches. I am delighted that this innovative project can now go ahead.

The partnership includes Natural England, Church of England, Bat Conservation Trust, Historic England and the Churches Conservation Trust.

Julia Hanmer, Joint Chief Executive of the Bat Conservation Trust said:

Bats have suffered massive population declines and churches provide

important safe spaces for nine species to shelter. We are delighted that with this funding from HLF, church communities and bat workers can together play a significant role in supporting these vulnerable and fascinating species, whilst at the same time protecting historic medieval church buildings and opening church doors to wider communities.

Deborah Lamb, Deputy Chief Executive of Historic England said:

We welcome every opportunity to help congregations that work hard to care for church buildings, providing public space for community activity and a wonderful treasury of historic monuments, brasses, woodwork and craftsmanship. This project will offer practical help to those coping with the additional challenge of living with bats and encourage volunteers who are interested in bats to discover more about local churches.

Crispin Truman OBE, Chief Executive of the Churches Conservation Trust said:

Our national collection of 350 churches is home not only to great architecture, history and exquisite medieval art, but also to important natural resources including precious species of bats. The relationship between the two has not always been harmonious so we are delighted this project which celebrates both, has been awarded funding from the Heritage Lottery. It will enable us to better protect churches and their inhabitants, as well as supporting the communities who care for historic churches so that both can thrive.