

Notice: R and J M Place Limited : application made to abstract water

The Environment Agency consult the public on certain applications for the abstraction and impoundment of water.

These notices explain:

- what the application is about
 - which Environment Agency offices you can visit to see the application documents on the public register
 - when you need to comment by
-

Notice: Dane Valley Community Energy Limited: application made to abstract water

The Environment Agency consult the public on certain applications for the abstraction and impoundment of water.

These notices explain:

- what the application is about
 - which Environment Agency offices you can visit to see the application documents on the public register
 - when you need to comment by
-

News story: Prime Minister launches 25 Year Environment Plan

Updated: Added translation

Launching the 25 Year Environment Plan, the PM will set out the government's determination to leave our environment in a better state than we found it.

She will outline steps for a cleaner, greener Britain – with avoidable

plastic waste eliminated by the end of 2042.

To help achieve this, the government will extend the 5p carrier bag charge to all retailers in England. To date, we have used nine billion fewer plastic bags as a direct consequence of introducing the charge.

The government will also work with supermarkets to encourage them to introduce plastic-free aisles in which all the food is loose.

This will give consumers the choice to make greener decisions and promote the use of less damaging plastic packaging.

To encourage industry to take more responsibility for the environmental impacts of their products and make them easier to recycle, the government will also look at how the tax system or charges could further reduce the amount of waste we create. A call for evidence on how to reduce the use of single-use plastics will begin next month.

In addition we will to inject new funding into plastics innovation through a bid into the government's £7 billion research and development pot.

It is estimated that 8.3 billion tonnes of plastic have been produced since the 1950s.

Research indicates that without urgent action to cut demand this is likely to be 34 billion tonnes by 2050.

In the UK alone, during its recent Great British Beach Clean Up, the Marine Conservation Society found 718 pieces of litter for every 100 metre stretch of beach surveyed, and of this rubbish from food and drink made up at least one fifth.

In a speech, Theresa May is expected to say:

We look back in horror at some of the damage done to our environment in the past and wonder how anyone could have thought that, for example, dumping toxic chemicals, untreated, into rivers was ever the right thing to do.

In years to come, I think people will be shocked at how today we allow so much plastic to be produced needlessly.

In the UK alone, the amount of single-use plastic wasted every year would fill 1,000 Royal Albert Halls.

This plastic is ingested by dozens of species of marine mammals and over 100 species of sea birds, causing immense suffering to individual creatures and degrading vital habitats. 1 million birds, and over 100,000 other sea mammals and turtles die every year from eating and getting tangled in plastic waste. One in three fish caught in the English Channel contains pieces of plastic.

This truly is one of the great environmental scourges of our time.

Today I can confirm that the UK will demonstrate global leadership. We must reduce the demand for plastic, reduce the number of plastics in circulation and improve our recycling rates. To tackle it we will take action at every stage of the production and consumption of plastic.

Demonstrating global leadership the UK will also do more to help developing nations tackle pollution and reduce plastic waste, including through UK aid.

Mrs May is expected to add:

I want the Britain of the future to be a truly Global Britain, which is a force for good in the world. Steadfast in upholding our values – not least our fierce commitment to protecting the natural environment.

When we host the Commonwealth Heads of Government Meeting in April we will put the sustainable development of our oceans firmly on the agenda.

We will work with our partners to create a Commonwealth Blue Charter and push for strong action to reduce plastic waste in the ocean.

We will direct our development spending to help developing nations reduce plastic waste, increase our own marine protected areas at home, and establish new Blue Belt protections in our Overseas Territories.

The Prime Minister will also announce plans to help more children engage with the environment. This will be delivered through £10m for school visits and a Nature Friendly Schools programme to create school grounds which allow young people to learn more about the natural world, targeting schools in disadvantaged areas first.

Notice: WR3 7JX, JVM Castings (Worcester) Limited: environmental permit issued

The Environment Agency publish permits that they issue under the Industrial Emissions Directive (IED).

This decision includes the permit and decision document for:

- Operator name: JVM Castings (Worcester) Limited
- Installation name: JVM Castings (Worcester) Limited
- Permit number: EPR/WP3538SS/V002

[Press release: New information on rare River Severn fish population](#)

Monitoring work during the spring and summer of 2017 which used some of the latest technology, found that around 15,000 shad can make it above Upper Lode weir on the River Severn, near Tewkesbury before being halted by Diglis Weir in Worcester. These monitoring results are significant because they indicate the current levels of twaite shad in the river which once supported millions of this species.

Research part of a major project on the River Severn

The research was conducted by the Severn Rivers Trust, Environment Agency and Canal & River Trust as part of the multi-million pound Unlocking the Severn project, which is supported by the Heritage Lottery Fund and EU Life. The information gathered will be vital for the project which aims to restore the shad's access to 155 miles of the River Severn, north of Worcester, by providing fish passage solutions at a series of weirs that currently the fish cannot swim over or around.

Environment Agency Fisheries Monitoring Specialist, Charles Crundwell said:

We had no idea how many shad we'd find – we thought a few thousand, but in fact results suggest we could have as many as 15,000 in the lower reaches of the river. This shows great promise that by unlocking the river there's scope for a really thriving population.

Plus the work to help the shad will open up the river for all fish species, so helping the shad will help everything else for the benefit of wildlife, residents, tourists and anglers.

Using different techniques to monitor the twaite shad

In order to learn more about the remaining small population of shad, particularly the conditions they need to prosper, volunteers and staff from the Severn Rivers Trust, Environment Agency and Canal & River Trust spent many hours watching and counting twaite shad swimming over Upper Lode weir

during April, May and June.

In addition, a suite of remote monitoring techniques enabled monitoring all day, every day. This included cameras, counter plates triggered when a shad passed upstream and even the use of an acoustic beam giving an image similar to the ultrasound you get of a baby in the womb.

As well as the count of the shad, the monitoring team and its contractors made the first known underwater film of shad on the Severn as they migrated upstream and the first images of the shad's spectacular spawning behaviour, which is like a whirling dancing with rigorous splashing seen just before dark.

Acoustic tracking tags fixed to 25 shad (another first for the UK, under licence from the Home Office) showed how they migrate up the river, what habitats they use, and how barriers delay them. This is all crucial information in understanding how to create the best access routes for the fish.

An suite of underwater camera equipment was installed at the spawning sites to understand this behaviour.

The allis shad

In addition to the twaite shad, the monitoring also recorded the rarer allis shad.

Charles explained:

Historically the allis shad were even more prized as a food fish and would certainly have been an important component of the catch prior to the navigation weirs being built. This is the first photographic proof that a tiny run of these fish still hold on in the Severn, which is really exciting and means that the natural restoration of this species is also likely to occur if we are able to provide fish passage solutions at the weirs further up the river.

More information about the Unlocking the Severn project is available [online](#). You can also follow the project on [twitter](#).