

Corporate report: State of the environment: water quality

Updated: Minor format change.

This report covers the key environmental issues relating to water quality. It includes the water quality of rivers, estuaries, coasts and groundwater.

The report focuses on status and trends in:

- nutrients, such as phosphorus and nitrates
- chemicals, such as pesticides and pharmaceuticals
- bathing water quality
- water pollution incidents

It also summarises current and future pressures such as:

- population growth
- climate change
- emerging pollutants

Press release: Illegal angler hooks £600 penalty

Anglers are being urged to obey the law after a Lincolnshire man was ordered to pay more than £600 for fishing illegally.

Shaun Hammond, 28, of Mariners Arms Flats, Keadby, was caught fishing without a licence at Hibaldstow Bridge on the River Ancholme in October last year.

He was discovered by an Environment Agency enforcement officer carrying out a routine patrol to enforce the law and protect the environment for people and wildlife.

Hammond committed an additional offence by refusing to give his name and address to the officer.

Enforcement officers are considered in law to be the same as police constables. Obstructing one effectively doubled the amount Mr Hammond was fined.

Hammond was proved guilty in absence at Grimsby Magistrates' Court on 9 February. He was fined £440 – £220 for each offence – and ordered to pay

costs of £127, as well as a victim surcharge of £44, bringing the total penalty to £171.

Caroline Tero, fisheries team leader at the Environment Agency, said:

Not only was Mr Hammond fishing illegally, he also obstructed a law enforcement officer who was doing his duty to protect the environment for people and wildlife. We and the courts take this very seriously and will always look to protect the wellbeing of our officers.

It makes no sense to have the embarrassment of a court visit, a criminal conviction and a bill for potentially thousands of pounds when an annual licence is currently just £30. We hope this will make people think twice before picking up a rod illegally and if they don't, our officers are ready and waiting.

Steve Powell, Enforcement Once team manager for the Environment Agency, said:

The case acts as a reminder of the importance of having a fishing licence – and shows how seriously the courts take these offences. We hope the outcome will deter any angler who is thinking of fishing without a licence.

The yearly fishing licence Mr Hammond required would have cost just £30. Other types of licence are available, including one-day for £6, eight-day for £12, and a free one for those aged 12 to 16.

The money from licence sales supports fish, fisheries and fishing, and protects the future of angling. A small number of people refuse to buy one, cheating the sport and their fellow anglers.

For the minority who flout the rules, the most common offence is fishing without a valid licence, which could land them with a fine of up to £2,500 and a criminal record.

Last year in England, the Environment Agency checked more than 63,000 fishing licences and prosecuted 2,330 for rod and line offences, resulting in fines in excess of £335,000.

Any angler aged 12 or over, fishing on a river, canal or still water needs a licence. They are available online via gov.uk or by calling the Environment Agency on 0344 800 5386.

Anyone with information about suspected illegal fishing activities can contact the Environment Agency Incident Hotline on 0800 80 70 60 or Crimestoppers on 0800 555 111.

Research and analysis: State of the environment

Updated: Added report: State of the environment: air quality.

These reports cover the key environmental issues relating to:

- air quality – the concentrations of pollutants in our air, and their effects on the environment and health
- water resources – how much clean water we have available
- water quality – including rivers, estuaries, coasts and groundwater

The reports include the:

- status and trends
- current and future pressures

Press release: Two-thirds of motorists would risk their lives in a flood

A shocking two-thirds of drivers would gamble with their safety by driving through floodwater – even though this is the leading cause of death during a flood, new figures have revealed.

In a survey commissioned by the Environment Agency and the AA, 68% of motorists admitted they'd take the risk rather than find a safer route.

The alarming figures emerge as the Environment Agency runs its campaign warning people across the country to be prepared for flooding in advance by [checking their risk and signing up for free warnings](#)

The AA has rescued more than 14,500 drivers from floods since 2013 with the top spot being Rufford Lane in Newark, Nottinghamshire, where over 100 rescues have been carried out in the last 5 years.

Driving through floodwater puts the lives of drivers and their passengers on the line, risks the safety of emergency responders, and often causes serious damage to the vehicle, with three-quarters of flood-damaged cars ultimately being written off.

Caroline Douglass, Director of Incident Management and Resilience at the

Environment Agency, said:

The results of this survey are extremely concerning – no one should put their own life or those of their friends and family at risk during a flood. Just 30cm of water can float a family car, and smaller cars take even less.

If you're driving long distances this winter, please check online for any flood warnings in force along your route, and if you find your way blocked by floodwater, never take the risk – turn around and find another way.

Vince Crane, AA Patrol of the Year, said:

If the road ahead is flooded, don't chance it – flood water can be deceptively deep and can mask other hazards on the road.

It only takes an egg-cupful of water to be sucked into your engine to wreck it and on many cars, the engine's air intake is low down at the front.

As well as the damage to your car, attempting to drive through flood water puts you and your passengers in danger – so it's just not worth the risk.

The survey of more than 18,000 AA members, carried out by Populus also found that:

- Women in Yorkshire and Humber are the safest drivers in a flood, being the least likely to attempt to drive through flood water and the most likely to turn around and find another route.
- Men in the South East and East of England are most likely to put themselves and their passengers in danger by driving through flood water – with nearly 3/4 (74%) saying that they would risk driving through rather than find an alternative route.
- Under a third of all drivers would turn around and find another route if their way was blocked by flood water.
- Men are more likely to drive through flood water than women – with 72% admitting that they would try it, compared with 60% of women.
- People under 34 are slightly less likely to drive through flood water than those 35 and above, while the under-24s in London are the least likely to drive through flood water.

5.2 million homes and businesses in England are at risk of flooding. This winter the Environment Agency is encouraging people to be prepared and stay safe during flooding by [checking their flood risk online](#).

For more information on driving in heavy rain and standing water visit the [AA's website](#).

The top 10 spots for rescues from flood water January 2013 – December 2017 were:

Location	Breakdown
Rufford lane, Newark, Nottingham	101
Slash Lane, Barrow upon Soar, Loughborough	77
Houndsfield Lane, Shirley, Solihull	47
Bridgenorth Road, Trescott, Wolverhampton	39
Riverside, Eynsford, Dartford, Kent	39
Bucklebury, West Berkshire	32
Mountsorrel, Loughborough	31
Hawkswood Lane, Fulmer, Gerrards Cross	31
Winterbourne, Wiltshire	30
Mill Lane, Brockenhurst, Hampshire	30

[News story: Radioactive Waste Management establishes Advisory Council](#)

The Advisory Council will provide expertise, balanced perspective and strategic direction to support RWM as it moves into a significant phase of its programme to deliver a Geological Disposal Facility (GDF), a nationally significant infrastructure project.

Its members include experienced leaders in business, engineering, infrastructure and society who will collectively provide vital input to one of the most complex and important long-term projects ever undertaken in the UK.

Bruce McKirdy, RWM's Managing Director, commented:

I'm delighted that we can draw upon such a wealth of talent and experience to help us to establish a safe and long-term solution to dispose of our radioactive waste. I'm looking forward to working with the Advisory Council and harnessing their insights as we deliver geological disposal for the UK.

Lorraine Baldry OBE, Advisory Council Chair commented:

I am very pleased at the opportunity to bring together the outstanding skills and experience of the Council in order to help deliver what might be one of the most important environmental and societal projects ever undertaken in the UK.

Panel members' short biographies:

Lorraine Baldry OBE (Chair) has experience in a wide range of industries including technology, broadcasting, distribution, healthcare, water, real estate and financial services. She has held a number of Board-level positions and is currently Chairman of London and Continental Railways, Schroder Real Estate Investment Trust, Inventa Partners, and Hydroxyl Technologies.

Norman Harrison (Deputy Chair) has held a number of senior roles in the UK nuclear industry including CEO of the UK Atomic Energy Authority (UKAEA) and when with British Energy, Station Director at Heysham and Sizewell B nuclear power stations. He currently has a portfolio of non-executive and advisory appointments including the UKAEA (Fusion programme) and is Deputy Chair of the Board of Governors at Manchester Metropolitan University.

Sonia Davidson-Grant is an experienced Director, Non-Executive Director and Board Member of private and public sector organisations, an international researcher and a strategic advisor to governments in the UK and the Middle East.

Dai Hudd has spent his career as a trade union official. He is currently Deputy General Secretary of the Prospect trade union and also holds lead policy responsibility for the energy services industry.

John Markham OBE had a distinguished career in the chemical industry, holding a range of executive management positions, before moving into regeneration where he has held a number of senior roles in the public and private sectors.

Dr Mike Naylor has had a long career in the oil and gas industry, rising through Shell to become Vice President Technical, Global Exploration. He has wide-ranging experience in developing technical standards, processes and execution of major capital projects and brings a deep expertise and understanding of sub-surface evaluation and risk assessment.

Michael Prescott is an experienced communications professional with a proven track record of building and motivating teams to award-winning standard, and managing in high-pressure environments. His previous employment includes roles as Director of Corporate Affairs at British Telecom, Managing Director Corporate Comms and Public Affairs at Weber Shandwick, and Political Editor at The Sunday Times. Michael is a Trustee of Bloodwise and a former member of the Government Communications Board.

Howard Shiplee CBE is a recognised construction industry professional with extensive experience in the delivery of high value infrastructure projects, including as Project Director Hong Kong International Airport Terminal and as Director of Construction for the Olympic Delivery Authority.

Morag Stuart has held various senior roles working in the defence and aerospace industries and is currently Director of Commercial Improvement at Defence Equipment and Support, part of the Ministry of Defence. Morag also sits on a Procurement Advisory panel for HS2 Ltd.

Eugenie Turton CB is a former senior government servant who now works as a Non-Executive Director in the private and charitable sectors. Previously Eugenie was Director General for Housing and Planning, responsible for the government's public service improvement programme, and creation of London's new mayoral government.

Robert Upton CBE has held positions as Director of Planning in Hong Kong, Chief Executive of Rushmoor Borough Council, Secretary General of the Royal Town Planning Institute, Deputy Chair of the Infrastructure Planning Commission and subsequently Senior Examining Inspector for major infrastructure at the Planning Inspectorate.