



Marine Litter Watch

Newsletter
Issue 13 - Summer 2019



Department of
**Agriculture, Environment
and Rural Affairs**

www.daera-ni.gov.uk



**INVESTORS
IN PEOPLE**



Hello & Welcome to the Summer 2019 edition of Marine Litter Watch

by Gillian Kinnier, Marine and Fisheries Division, DAERA

Welcome back. The focus of this edition of Marine Litter Watch is getting educated and getting involved! I really hope you enjoy reading it.

Thank you to all those who read the spring edition and gave feedback. Also thanks to those who have contributed articles for this edition.

Our cover image was provided by Keep Northern Ireland Beautiful, a group photo of the volunteers celebrating cleaning up the one millionth piece of beach litter. Once again, I want to remind you all that I welcome all ideas for future articles. You can e-mail them to me at Gillian.kinnier@daera-ni.gov.uk



Eric Rainey
MBE (1938-2019)

It was with great sadness that we learned of the recent passing of Eric Rainey MBE. Eric was known to many of us through DAERA's involvement with the Ards Peninsula Coastal Erosion Group, which he chaired and through the Better Beaches Forum.

In spite of ill health, Eric remained unfailingly positive in his outlook on dealing with coastal erosion, better beaches and wider environmental matters in his local area; and without doubt, much of the recognition achieved in recent years by Cloughey in particular, can be attributed to Eric's incredible enthusiasm and determination to improve his surroundings for the benefit of residents and visitors alike. There was always a warm welcome from Eric at

the Ards Peninsula Coastal Erosion Group's monthly meetings, and to his credit he treated everyone with absolute respect, even though he might have been frustrated with the pace of progress at times!

Eric was a man on a mission, and he knew how to get people to work with him – in fact, such were his people skills, it was impossible not to want to do your best for him! Indeed, it was said at Eric's funeral that he "made people feel special", and there was a sense that everyone present understood that sentiment completely.

There will be those visiting Cloughey in the future, or even just passing through, whose thoughts will turn to Eric, and who will be thankful for having had the opportunity to have known such a special person themselves. We dedicate this issue of Marine Litter Watch to Eric's memory.

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Article Summary

Our first article is from the Young Enterprise team at Glenlola Collegiate College who share their story on how they built their enterprise on a story of marine litter.

In our next article, angler Tony Kelly, a member of Camowen Community Anglers Association, explains how communities can play their part in reducing marine litter.

Peter Lynch, a Senior Fisheries Officer from Inland Fisheries, gives an insight into his working day in our third article.

Finally, Philip McMurray from the Single-Use Plastic, Waste Prevention & Recycling Policy Team has provided an update on the EU Single Use Plastics Directive that we reported on in our last edition.

Launch of the Big Spring Clean 2019

DAERA Marine and Fisheries Update

BIG Spring Clean Launch Event

The Marine Litter Team were invited along to the launch of the BIG Spring Clean at Shane's Castle in March. The launch event was an opportunity to learn more about Keep Northern Ireland Beautiful and Live Here Love Here. Since the inception of Live Here Love Here in February 2014, 553,571 volunteers have participated in clean-up activities removing over 800 tonnes of waste! Everyone is welcome to get involved.



We were welcomed by Shane O'Neill from the Lough Neagh Partnership and Ian Humphreys, Chief Executive of Keep Northern Ireland Beautiful. Both speakers were passionate in their desire to see litter removed from our waterways and landscape.

Following a Health and Safety talk, we set off in our High Vis vests and gloves armed with bin bags and litter picker to do a litter pick of the area. The sun was shining and we had an opportunity to meet with other litter pickers as we removed an astonishing amount of litter, including a plastic bin lid!

This was a thoroughly enjoyable morning and I would urge everyone to get out there and get involved and not just during the BIG Spring Clean week!

See www.livehereandlovehere.org for advice on how to take part in clean ups in your area.

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Inclusive Beaches

Northern Ireland's second "Inclusive Beach" was launched at Cranfield West Beach on 25th April by the Mae Murray Foundation. The journey started a number of years ago when Alix Crawford, Chairperson of the Mae Murray Foundation, was invited to attend one of the Department's "Good Beach Summits". Alix spoke of her vision of inclusivity and accessibility, of providing a barrier free environment for people of differing ability.

This is that people who would normally be excluded could enjoy the beach and its surroundings. This led to conversations and further work with the beach operators and local councils. In 2018 the first "Inclusive Beach" was launched at Magilligan Strand Benone, in partnership with Causeway Coast and Glens Borough Council.

Anna Lou Jellie from the Marine Strategy and Licensing Team continues to work with the Mae Murray Foundation in promoting the progressive management of our Bathing Waters. See the website for more information and how to avail of the facilities.

<http://www.maemurrayfoundation.org/projects/inclusive-beaches/>

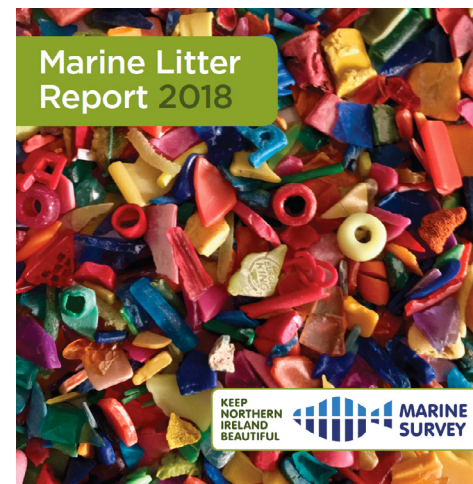
Marine Litter Report 2018

Keep Northern Ireland Beautiful has published the 2018 Marine Litter Report. The report summarises key findings on marine litter found on ten reference beaches across Northern Ireland. The survey is carried out at quarterly intervals and the beaches are cleaned by volunteers. Over 1,000,000 pieces of litter have been removed from the survey beaches since the survey started in 2012. The 2018 report focuses on the harm litter and plastics in particular, pose to marine wildlife.

Analysis of the data concluded that plastic continues to dominate the

most common items found. On average, 625 pieces of litter per 100 metres was observed and of this, 370 were single use plastic. The items range from plastic or polystyrene pieces to food and drinks containers and even rope or cord. The full report can be read on the DAERA website or on the Keep Northern Ireland Beautiful website.

<https://www.daera-ni.gov.uk/>
<https://www.keepnorthernirelandbeautiful.org/>



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Eco-schools Conference

“Eco-Schools Teachers Conference - Plastics and the Marine Environment”

The 25th year of the Eco-Schools programme was celebrated at the annual Teachers Conference in March which also saw the launch of a new Marine topic. This topic focuses on plastic in our oceans, helps schools raise awareness of the problem and supports positive actions. Speeches from Lizzie Daly, wildlife biologist and presenter, and Geoff Brighty, from Plastic Oceans UK motivated everyone to protect the environment from plastic. Geoff has kindly shared his presentation, which you can open as a pdf [here](#).

We learnt about how the choices we make daily can lead to micro-plastics, single-use plastics and litter from the land ending up in the sea. Around 80% of litter washed up on NI shores is plastic. It never fully decomposes but breaks down over many years,

choking and poisoning wildlife.

Amongst other speakers, one pupil, Alice, from Ashbourne Community College offered solutions to the problems too. Education and action are key to stopping this deadly flow – for more information on what the

school is doing, have a look at the video Alice showed at the conference [here](#).

To find out more about the Eco-Schools programme in Northern Ireland visit the [Eco-Schools website](#).



Pictured are L-R: Dr Ian Humphreys, Keep Northern Ireland Beautiful; Ruth Van Ry, Keep Northern Ireland Beautiful; Colin Breen, Department of Agriculture, Environment and Rural Affairs; Sophie Postle and Maciej Swerzewski, Ulidia Integrated College; Geoff Brighty, Plastic Oceans UK and Lizzie Daly, wildlife biologist and presenter.

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Deposit return scheme for drinks bottles and cans

Earlier this year DAERA, the UK and Welsh Governments ran a public consultation on proposals to introduce a deposit return scheme for drinks containers including; glass bottles, plastic bottles and cans. It proposed that the cost of the deposit would be added to the price of the drinks when they are purchased. The deposit would be redeemed when consumers return their empty containers to a designated return point. It is anticipated, a deposit return scheme would increase recycling and reduce littering of drinks containers. The consultation closed on 13 May and further information can be found here: [Consultation on Introducing a Deposit Return Scheme \(DRS\) for drinks containers \(bottles and cans\)](#)

Results of the consultation will be posted on the Departments website www.daera-ni.gov.uk/consultations.

Deposit return scheme pilot by Iceland

In May 2018 frozen food retailer, Iceland launched a trial of a deposit return scheme at 5 branches. Following a successful 6 month period it was extended for a further 6 months and included a machine at the Park Centre shop in Northern Ireland. According to Iceland more than 311,500 bottles were returned in the first half year of the scheme. Richard Walker, managing director at Iceland, commented: "The overwhelming consumer support we have received in response to our reverse vending machine trial clearly demonstrates consumer appetite



for improved in-store recycling, and deposit return schemes.

Results will be shared with DAERA.

Carlsberg replaces plastic ring can holders with recyclable glue



Probably the best decision in the business! Carlsberg announced in September 2018 that it will cut plastic use by up to 76%. In a world first, they abandoned the ring can holders for recyclable glue and are now phasing in the new "snap pack".

The change will reduce plastic waste globally by more than 1,200 tonnes a year – the equivalent of 60 million plastic bags!

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But they are not alone! “Guinness removes plastic packaging from its beer packs”

This headline from April 2019 announced that Diageo will remove plastic ring carriers and shrink wrap from multipacks of beer brands including Guinness, Harp and Smithwick's. Multi-can packs will be replaced by cardboard packs, which are sustainably sourced, recyclable

and fully biodegradable. It is estimated that this is the equivalent of removing 40 million 50cl plastic bottles from the world which, if laid out in a row, would reach from London to Beijing (8,136km).

The new sustainable beer packs will be on shelves on the island of Ireland from August 2019 and from summer 2020 in Great Britain and other international markets.

Cheers!



Guidelines for Cleaner Pitches

Did you know that synthetic turf pitches can be a source of microplastic pollution?

Using expert industry advice and feedback from sites in Sweden, Norway and Finland, Scottish charity Fidra and KIMO International have published guidelines on how to reduce microplastics loss from these pitches. To get more information and find out how you can help have a look at the Fidra website.

<https://www.fidra.org.uk/artificial-pitches/#1534861689721-2e9b8842-5a6e>

Scotland's International Marine Conference 2019

The Scottish Government hosted Scotlands International Marine Conference on 20-21 February 2019. The conference contained many interesting sessions and speakers. The proceedings document is now available online and can be viewed [here](#).

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Have you seen any plastic pellets on our coast?



“Noun: **nurdle**; plural noun: **nurdles**: a very small pellet of plastic which serves as raw material in the manufacture of plastic products.” Pellets/nurdles have been observed in various locations around the world. The number of pellets observed to date on the Northern Ireland coast have been low. However, it is unclear whether this is due to a lack of awareness or whether our coasts are clear of this form of pollution. We would be therefore grateful if you could look out for pre-production plastic pellets as part of your clean up.

Guidance on where to look and how to report sightings of this form of microplastic pollution are available on the Fidra website. <https://www.fidra.org.uk/>

Watch this Space! - Northern Ireland photographer turns her lens on marine plastic pollution.

Helena Neeson, a conservation photographer from Lisburn has visited all coastal counties around Ireland to document and highlight the issue of plastic pollution and marine debris on our coasts.

From mid-March to mid-April Helena carried out daily beach cleans, interviewed marine biologists and marine mammal experts and tested water samples with support from the marine biology lab at Queen’s University Belfast, while also exploring the role of the sea in people’s everyday lives. Helena has also taken some interesting and insightful photos. We look forward to seeing these along with her full report in the next edition of Marine Litter Watch. In the meantime, Helena has been documenting her journey on instagram using @ [photographervsplastic](#).



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Rathlin Community Development Association Pilot the Cold Water Island Project

Rathlin have been successful in their application to join with nine other islands to form part of the [Cold Water Islands Project](#). This is being run by leading marine conservation organisations [Surfers Against Sewage](#) and [Parley For The Oceans](#).

The project aims to tackle marine plastic pollution on islands by implementing innovative, community-based solutions. Part of this approach is to use the “[AIR Strategy](#)”: Avoid, Intercept, Redesign. The programme connects island communities across a broad geographic spread, from Shetland to the Channel Islands. The aim is to demonstrate how these islands can provide a template for action for transitioning to a plastic-free future on global scale.

Rathlin residents have met to investigate ways the island community can contribute to reducing single-use plastics on the island, and to making Rathlin as plastic free as possible in the future. Updates will be provided as the project progresses.



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Take the plastic timer challenge Friends of the Earth

How long can you avoid unwanted plastic? Take the timer challenge and find out.

Unwanted single-use plastic is still an everyday part of our lives despite huge public concern. Take the #DrasticOnPlastic Timer Challenge to highlight just how hard it is to avoid unwanted plastic - wrappers, containers and packaging - in everyday life.

What will trip you up? A cafe that only has plastic cutlery, an over-wrapped online delivery, or a sandwich with a plastic window?

How long will you last before unwanted plastic happens to you?
<https://friendsoftheearth.uk/plastics/drasticonplastic-timer-challenge-can-you-avoid-singleuse-plastic-day>

The Angler's National Line Recycling Scheme

The Angler's National Line Recycling Scheme announced that Go Fishing NI will coordinate a scheme in Northern Ireland which recycles old angling line as of May 2019.



Go Fishing NI is a non-profit organisation set up in 2016 to promote all aspects of angling in Northern Ireland.

The organisation will promote the Angler's National Line Recycling Scheme across Northern Ireland through its monthly magazine and social media. It will also register

stakeholders that want to become recycling locations and with the help of funding, will supply those registered with an Angler's National Line Recycling Scheme line recycling bin.



Go Fishing NI will act as a central collection point for the mono, braid and fly lines, from where they will send it direct to the recycler, The Maltings Organic Treatment Ltd.
<https://www.anglers-nlrs.co.uk/>

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Barry Goes To Sea *by Glenlola Collegiate School*

Contact: glenlolayoungenterprise2018@gmail.com

The Beginnings

Throughout the school year 2018/19, young entrepreneurs from Glenlola Collegiate School, set up a small business in association with Young Enterprise. The team of 16 girls in Year 13 aimed to educate and engage the younger generation on plastic pollution in the ocean and other environmental issues. They were inspired to take action after watching programmes such as Liz Bonnin's 'Drowning in Plastic' and David Attenborough's 'Blue Planet II'. The team named themselves 'Renu' and, after much deliberation, concluded that the creation of children's storybooks was the most innovative, engaging and educational way for them to reach their target audience.



Pictured L-R in the back row are: Amber Hanan, Elaina Vaughan, Sára Zoltán, Ellen Henry, Rachel Osborne, Amber McGimpsey. And in the front row left to right: Amy Burridge, Rosa Scott, Lauren Shields, Lauren Skinner, Jodie Farrar.

Credit: Liamcardle.com

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Contact: glenlolayoungenterprise2018@gmail.com

What's the Story?

At a child-friendly and engaging level, the book follows a littered Barry the plastic bottle and new friend Renu the fish around the ocean. Along the way they meet some exotic characters and explore how plastic is causing disaster. Renu helps Barry understand why plastic doesn't belong in the ocean and simple ways humans can make a difference.

Aims

The girls launched their project with a desire to see the next generations growing up with the same rich diversity of animals and plants as we have today. The aim of the project was to inspire the younger generation to become proactive in their attitude towards the environment.

PR and Marketing

The team took to social media to promote the marine litter issue. They constantly kept their online followers updated with news relevant to their

cause and inspired others with simple ways to make a difference. Online posts varied from carrying out a local beach clean or visiting the recently installed sea bin in Bangor. Other posts showed them working with younger students within their school to engage them in the movement.

Next!

The team sought to expand their horizons and released a second storybook, 'Ria in the Rainforest', about deforestation and its effects on nature.



Renu also won numerous Young Enterprise company awards and progressed to the NI Young Enterprise Finals.

Meet the Team

The team of is comprised of 16 and 17-year-old girls who are passionate about educating others to tackle pressing environmental issues locally and internationally.

Keep up to date on their social media accounts:

https://www.instagram.com/renu_ye/

https://twitter.com/renu_ye?lang=en

https://www.facebook.com/Glenlola-Young-Enterprise-2018-2177773989163264/?ref=br_tf&epa=SEARCH_BOX

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Rubbish Rivers - How Angling Clubs are tackling the problem *by Tony Kelly*

Contact: tony.kelly83@outlook.com

Camowen Community Anglers Association regularly carries out 'River Clean Up' work days along the Camowen and Cloughfin Rivers. This is one of the tasks that the Angling Club commit to in order to meet annual environmental targets. These rivers are widely recognised as being one of the main nursery areas for returning Atlantic salmon within the Foyle Catchment.

Why get involved?

Years of neglect on these key rivers meant that certain areas were particularly heavily polluted. As anglers who are fishing the rivers, we noticed that this was affecting the number of fish located in these areas. This has a negative impact on spawning beds and reduces the potential to increase the salmon population. The club recognises that this will not be fixed overnight and will involve more than clean up events. We also educate the local community about the negative impact waste can have on the overall condition of rivers and our seas.

What we did

The club began by enlisting the help of our committee, who gave up their weekends to wade through the river and walk the banks with litter pickers, bagging up as much rubbish as possible. We removed a wide variety of items, consisting of anything from tyres, bags of household rubbish, bale wrap, plastic bottles and dead animals to name a few. Rubbish hotspots were at bridges or where an access point was available to the river from the roadside. Fly tipping was prevalent in these areas and a major cause for concern for the club.

Getting Involved

The club highlighted the seriousness of the problems on social media via our [Facebook](#) page. Interest grew and people from across the local community got in touch to offer their assistance. As a result, this is now a popular activity for the club, with local volunteers now regularly attending our events to do their bit for their environment. During the river

clean ups, we have been welcomed and commended by local farmers and landowners for the work we are doing. They are all in agreement that this work has been long overdue on the rivers. Most importantly the rivers are in a more welcoming state for the return of the Atlantic salmon to spawn.

In recognition of the hard work to date, the club was nominated for the 'Live Here Love Here' Community Award in 2018 and were one of several winners on the night. This was a great achievement for the club.



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A day in the life of a Senior Fisheries Officer - Inland Fisheries *by Peter Lynch*

Contact: Peter.lynch@daera-ni.gov.uk

From designing and building fishing stands to inspecting fish habitats in rivers and lakes, Peter Lynch from Inland Fisheries gives a flavour of his working day.

"I'm the Senior Fisheries Officer covering the South East area, Co. Down and Armagh. I manage a 10 strong team in the regional office based at Castlewellan, Forest Park." Peter explains.

Public Angling Estate

The Public Angling Estate is made up of over 70 waters leased or owned by DAERA where the public can go fishing with a DAERA licence and permit. It provides affordable, accessible fishing for all. The waters are a mix of put and take fisheries and rivers.

It's an interesting and varied working environment with no two days the same. The work continues to be challenging despite having worked here for over 25 years! One day I might

be managing the teams inspections of our Public Angling Estate waters, the next we could be building fishing stands, access paths and car parks.

Aquatic weed control, especially in the summer months, keeps me busy. I also liaise with the Fish-Farm Manager at Movanager to manage the fish stocking programme. I consider a number of factors such as selecting the species best suited to a particular water, weather changes, water quality and the frequency of restocking.

Litter Control

Litter picks are carried out across the Public Angling Estate as part of each region's work programme. Anglers are encouraged to take their litter home and leave no trace. However, most of what we retrieve is angler related, from discarded fishing line to remains of packed lunches! All litter is returned to the relevant outstation and then collected by RiverRidge, a waste management company who

separate it into different categories. The Department responds to any reports of littering and we refer all fly tipping relevant cases to the local Council. We work with stakeholders such as landowners, angling clubs and councils to develop litter strategies for many of the waters on the Public Angling Estate.

I look forward to working with Go Fishing NI on the Anglers National Line Recycling Scheme.

In River Works

My team is also responsible for controlling and inspecting work in rivers that may impact on fish stocks and habitat. We work with Department for Infrastructure, Rivers advising their engineers on protecting fish habitats during any significant works they are undertaking such as flood alleviation schemes. We also work with many other stakeholders, advising them on carrying out river

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A day in the life of a Senior Fisheries Officer - Inland Fisheries *continued*

Contact: Peter.Lynch@daera-ni.gov.uk

restoration works, fish passes and fish counter projects.

I work with the team in Headquarters to assess applications for statutory permits to allow people to carry out activities that would normally be illegal, for example catching and being in possession of salmon or trout or removing material from a river bed.

Enforcement

DAERA Fisheries Protection Officers in my area are responsible for enforcing the conditions of all DAERA Inland Fisheries licences and permits. Patrolling the rivers, loughs and coasts checking for any illegal fishing activity is part and parcel of the job. Taking part in a fisheries protection patrol on rivers, loughs, canals or along the coast adds to the variety of my job. The enforcement team are trained to deal with all eventualities and are accustomed to getting themselves out of potentially dangerous situations.

Outreach and Marketing

The outreach work done by the whole team across Inland Fisheries has become a huge success. For my part I attend festivals and fairs with my colleagues to lend some technical knowledge.

A favourite aspect of my job is working with "Angling Ireland" to promote angling in Northern Ireland. "Angling Ireland" involves the three Government bodies on the Island of Ireland made up of DAERA, Loughs Agency and Inland Fisheries Ireland. We attend shows across Europe in countries such as the Netherlands, Germany, France and Italy with IFI attending USA shows on our behalf. Access to waters that are free from litter pollution is a key selling point of Northern Ireland.

We recently hosted visits by German angling journalists having met them at a show in Germany earlier in the year. We provided them with

information on fishing here and an itinerary of pike angling venues, they went on to enjoy a few days fishing for pike on DAERA waters. They produced a video and articles for fishing magazines in Germany, Austria and Switzerland. This publicity and the cooperation of anglers in leaving no trace promotes angling tourism here and helps contribute to our economy.



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EU commitment to ban Single Use Plastics *by Philip McMurray*

Contact: Philip.mcmurray@daera-ni.gov.uk

In our last edition, we reported that a provisional agreement had been made by the EU to target the 10 single-use plastic products most often found on Europe's beaches and seas. Included in this agreement was the commitment to tackle the issue of discarded fishing gear.

Single-use plastic products are made wholly or partly of plastic and usually are intended to be used for a short period of time before being thrown away. Sadly, research has shown that over 80% of the litter found on our beaches is plastic.

The Update

On 3 July 2019 Directive (EU) 2019/004 of the European Parliament and of the Council on the reduction of the impact of certain plastic products on the environment (the Single Use Plastics Directive) entered into force.

The Directive paves the way for a ban on certain single-use plastics

to come into force by 2021 in all EU member states. It is unclear whether the Directive will be implemented in the UK. However, this would be the case if the Brexit transition period is extended and the Defra Secretary of State has made a commitment that UK environmental regulation would be at least as good as EU

	ITEM	ACTION
	Balloon sticks	Ban
	Cutlery, plates & straws	
	Cotton swab sticks	
	Drink bottles	Allowed only if caps remain attached
	Drink cups	Reduce use
	Food containers	
	Cigarette butts	Awareness, cleanup efforts
	Bags	
	Snack bags & wrappers	
	Wet wipes & sanitary items	

The Measures

- **market restriction:** banning certain items for which affordable alternatives exist: plastic cotton bud sticks, cutlery, plates, straws, drink stirrers, sticks for balloons, food and beverage containers made from expanded polystyrene, and products made of oxo-degradable plastic that break down into micro-fragments or by chemical decomposition;
- **consumption reduction:** requiring Member States to achieve a 'significant reduction' in the consumption of food containers and drinks cups, for instance by setting national targets, making alternative products available to consumers, or ensuring that single-use plastic products cannot be provided free of charge;
- **separate collection:** requiring Member States to ensure that by 2025, 90 % of single-use plastic

continued 

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Contact: Philip.mcmurray@daera-ni.gov.uk

drinks bottles are collected, for example through deposit refund schemes;

- **product design:** requiring single-use plastics drinks containers and bottles to have their caps and lids attached;
- **extended producer responsibility:** requiring Member States to ensure that extended producer responsibility schemes are established for a number of single-use plastic as well as fishing gear. For single-use plastics items, producers would cover the costs of waste management and clean-up, as well as awareness raising measures; for fishing gear, producers would cover the costs of waste management of gear delivered to port reception facilities;
- **labelling:** requiring certain items (sanitary towels, wet wipes and balloons) to bear a label indicating

how items should be disposed of, the negative environmental impact of inappropriate disposal, and the presence of plastics in the product;

- **awareness raising:** requiring Member States to raise consumers' awareness about available re-use systems and waste management options as well as about the negative impacts of inappropriate disposal. These measures would apply to food containers, drinks cups, drinks containers, balloons, packets and

wrappers, cigarette filters, wet wipes and sanitary towels, lightweight plastic carrier bags, and fishing gear.

We have all seen the devastating impact our overuse of and lack of care with plastic is having on nature through programmes such as Our Planet. The Single-Use Plastics Directive is not going to fix this global problem but, it is a good step in the right direction and a very positive move for our European Marine Environment.



Credit: Gary Burrows

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Events Table - Key dates for your diary

Date	Event	Information
June – September 2019	Donaghadee Summer Festival	http://visitdonaghadee.com/news-posts/donaghadee-summer-festival-2019/
April – September 2019	A thousand years of maritime history exhibition	https://www.visitardsandnorthdown.com/events/a-thousand-years-of-maritime-history-exhibition
April – September 2019	Canoeing and Kayaking experiences on the Lagan	http://www.belfastcity.gov.uk/events/Event-104324.aspx
August 2019	August guided tours (includes kids sea creatures trail, kids nature trail and nautical past short sea cruise)	https://www.visitardsandnorthdown.com/events/guided-tours-in-august
3 August 2019	Kayak Safari along Causeway Coast	http://ccght.org/calendar/
24 August 2019	Our Living Coast boat trip	http://ccght.org/calendar/
28 August 2019	Bat night at Portballintrae	http://ccght.org/calendar/
September 2019	September guided tours (includes Strangford Lough boat trip)	https://www.visitardsandnorthdown.com/events/guided-tours-in-september
6 September	Bats of Cavehill	http://www.belfastcity.gov.uk/events/Event-101189.aspx
21 September 2019	Geology & coastal erosion beach walk at Whitepark Bay	http://ccght.org/calendar/

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Marine Litter Watch



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