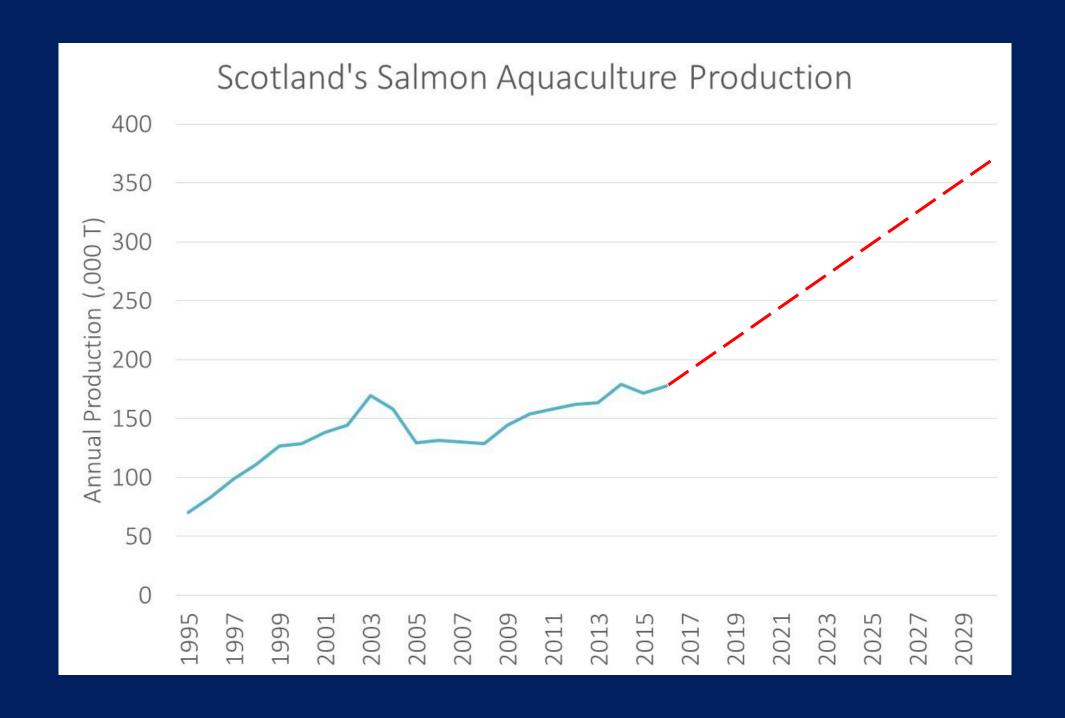


80,000,000



Outrage at The plans to scrap limits on Crackdown number of fish after Sunda that can be kept in farm cages

The Scottish Environment Protection Agency is cracking down on toxic pollution from fish farms blamed for wiping out wildlife across widespread areas of the seabed.

A poodle cannot be a watchdog

COME SINCE 2017 dawned the Scottish | grease the wheels of industry. This is Environment Protection Agency (Sepa) has not exactly covered itself

It has proposed scrapping limits on salmon farmed in cages around wild the coast. It has admitted asking industrial polluters to help hire senior pollution regulators and top government officials to help choose senior Sepa managers. And as we report today, it has been caught secretly considering plans for the world's biggest salmon farm, which would create more sewage waste than Glasgow.

> Sepa, let us not forget, is meant to protect us from pollution. But it almost seems more concerned to

disturbing. As one former Sepa official told us, there's a tricky balance between being close enough to industry to understand it, and getting too

Sepa is in the midst of a major overhaul of its regulatory arrangements, and it is under budgetary pressure.

Its managers need to ensure that it effectively monitors and reports pollution, and forcefully reprimands offenders. It must be a lively and sharptoothed watchdog, not a sleepy and soft-hearted poodle.

Scottish ministers, too, should ensure that their regulatory agency doesn't grow flabby and weak.

360 fish farms emical is fed to

mectin had tting marine



Campaigners: Scottish salmon farming 'fighting a losing battle' against sea lice

Official figures show use of chemicals to fight sea lice in Scotland. has jumped nearly 1000 percent in the past 10 years.

www.ne.tenness.en. lighterwood; as permission. tree O funtum O Turne Galeigen O Prin O Ermit

Campaigners are warning that Scottals salmon farming is "lighting aloging bertle' against chemically resistant see lice, reports. Fly Aver and Animoni

It follows the revelation that the use of chemicals to fight see lice on salmon farms has soured by almost 1,000 percent in the past decade.

According to official dam, between 2006-16, farmed salmon production. increased by 16 percent while the use of chemicals to control lice rose 932.

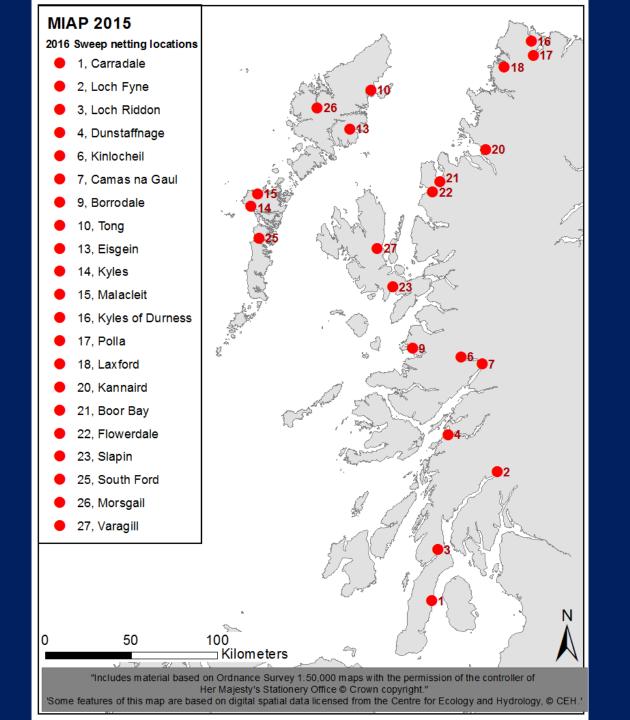
Critics of submon farming said that the growing use of chemicals to fight was lice, reases serious questions about the industry's environmental. impect.

The Herald

Imminent action on £300m sea lice problem



1. A comprehensive programme for monitoring sea lice burdens on wild Atlantic salmon and sea trout



1. A comprehensive programme for monitoring sea lice burdens on wild Atlantic salmon and sea trout

2. Effective regulation



European sea lice regulation

	Annual	Sea lice per farm chemical	Chemical	Sanctions	Incidence of	Independent or
	farmed	treatment trigger levels	treatment –	available when	sanctions being	self-monitoring
	salmon	(adult female lice per fish)	mandatory or	treatments fail	applied	of farm sea lice
	production	Spring Ex spring	advisory			numbers
Norway	1,300,000	0.2* 0.5	Mandatory	Forced	10 sites in 2015	Self-monitoring
	tonnes			harvesting		
Scotland	180,000	3.0 3.0	Advisory***	Exceeding 8	None	Self-monitoring
	tonnes			lice "will result		
				in enforcement		
				action" ****		
Faroes	66,000	2.0** 2.0**	Mandatory	Forced	5 cases in 2015	Independent
	tonnes			slaughter		
Ireland	13,000	0.3-0.5 2.0	Spring	Early	Once (2010) in	Independent
	tonnes		mandatory. Ex	harvesting	last 30 years	
			spring ambiguous			

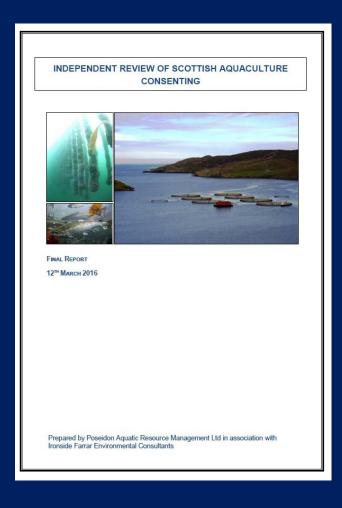
 A comprehensive programme for monitoring sea lice burdens on wild Atlantic salmon and sea trout

2. Effective regulation

3. Farm sea lice counts to be published on a farm by farm basis

	Transparency of publication of farm sea lice numbers
Norway	By farm (x 14 per annum)
Scotland	Aggregated by region, monthly (quarterly in arrears)
Faroes	By farm – (x 16 per annum
Ireland	By farm (x 14 per annum)

Independent Aquaculture Consenting Review 2016



- Wild salmonid interactions number 1 issue
- Local authorities frustrated with MS guidance on wild salmonids
- Highlights failings of current licensing system
- Suggests 5 options for change

Aquaculture Stewardship Council Accreditation

Pros

- Linking area based management to wild salmonids
- Commitment to monitor sea lice on wild salmonids
- Publication of farm sea lice data
- Lower lice levels than industry standard during sensitive periods for wild salmonids (0.1 lice/fish)

Cons

- No sea lice standards outside of wild salmonid 'sensitive periods'
- No enforced management actions if lice levels not met
- 'Allowance' for escapes high
- Voluntary scheme, so regulation still required

