

Eve O'Sullivan

Subject: FW: Material Analysis - Shannon Foynes Port Company (Limerick/Foynes)
Attachments: Comments_ShannonFoynes_2019_mfc.docx

From: Margot Cronin <margot.cronin@marine.ie>
Sent: 23 January 2020 17:07
To: Ciara Maxwell <c.maxwell@epa.ie>
Subject: RE: Material Analysis - Shannon Foynes Port Company (Limerick/Foynes)

Hi Ciara,

Sediment assessment from Shannon Foynes is attached. It is broadly similar to previous analyses.

Best regards,
Margot

From: Ciara Maxwell [<mailto:c.maxwell@epa.ie>]
Sent: Wednesday 6 November 2019 16:05
To: Margot Cronin <margot.cronin@marine.ie>
Subject: FW: Material Analysis - Shannon Foynes Port Company (Limerick/Foynes)

Hi Margot,

A gentle reminder regarding my request below in relation to a DAS permit application from Shannon Foynes Port Company.

Please forward any comments on the proposal by 22nd November 2019, if possible.

Regards,
Ciara

From: Ciara Maxwell
Sent: 23 July 2019 15:44
To: margot.cronin@marine.ie
Cc: Eve O'Sullivan <E.OSullivan@epa.ie>; Anne Lucey <A.Lucey@epa.ie>
Subject: Material Analysis - Shannon Foynes Port Company (Limerick/Foynes)

Margot,

Please find attached the material analysis results from sampling carried out in Limerick Approach Channel, Ted Russel Dock and Foynes Harbour.

Shannon Foynes Port Company proposes to dump at sea –

- approx. 120,000 tonnes of dredged material from the approach channel and floor of the enclosed dock at Ted Russel Dock (including a maximum of 6,000 tonnes from the enclosed dock) annually, and
 - approx. 156,000 tonnes of dredged material from Foynes Harbour annually,
- associated with maintenance dredging over a period of 8 years (2019 - 2026).

Plough dredging is also proposed in Limerick Approach Channel, the enclosed dock and at Foynes.

The full application can be viewed on our website at this [link](#).

I would appreciate if you could review the data and return any comments to me by 30th August 2019.

Regards,
Ciara

Ciara Maxwell
Inspector
Office of Environmental Sustainability
Environmental Protection Agency
Regional Inspectorate
Inniscarra
Co. Cork
Ireland

Tel: +353 21 487 5540
Fax: +353 21 487 5545
Email: c.maxwell@epa.ie

<http://www.youtube.com/user/epaireland>
<http://twitter.com/EPAIreland>

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To: Ciara Maxwell, EPA

From: Margot Cronin, MI

RE: Shannon Foynes Port Company Dumping at Sea Permit Application

Date: 23 January, 2020

Sediment assessment

This sediment assessment relates to annual quantities of:

- approx. 114,000 tonnes of material from the approach channel
- 6,000 tonnes of material from the enclosed dock at Ted Russel Dock
- approx. 156,000 tonnes of material from Foynes Harbour.

The sampling and analysis were carried out in application of an eight year permit.

The sediment in the Ted Russell dock and channel approaches at Limerick is largely composed of mud and fine sand. The sediment at Foynes is a mix of silt, sand and gravel.

Nine sediment samples were taken and analysed in November 2017 (– five from Ted Russel Dock and Approaches and four from Foynes), in accordance with the sampling and analysis plan supplied by the MI. Quality assurance/CRM results for the relevant parameters were mostly satisfactory.

Comments:

Samples from the Ted Russell dock and approaches demonstrate low/very low Category 2 levels of contamination of several determinands (cadmium, copper, lead, zinc, PAH, PCB).

The four samples from Foynes indicate that the sediment there is clean. The results of the chemistry analyses for 2017 are broadly in line with previous analyses results in 2012.