

**Eve O'Sullivan**

---

**Subject:** Dublin Port maintenance dredging 2020/21  
**Attachments:** Comments\_DPC maintenance dredge application 2020\_21.pdf

**From:** Margot Cronin <[margot.cronin@marine.ie](mailto:margot.cronin@marine.ie)>  
**Sent:** 03 April 2019 17:51  
**To:** Ciara Maxwell <[c.maxwell@epa.ie](mailto:c.maxwell@epa.ie)>  
**Subject:** Dublin Port maintenance dredging 2020/21

Ciara,

I've reviewed the sediment chemistry for Dublin Port in advance of their application for a foreshore licence. Attached are my comments. I will be providing a copy to Dublin Port Company to accompany their Foreshore application.

Best regards,  
Margot

---

*Margot Cronin | Marine Institute  
Rinville, Oranmore, Galway, Ireland*

*Tel: +353 91 387200 | +353 91 387251 | +353 83 844 3280  
[www.marine.ie](http://www.marine.ie)*

*For inspection purposes only.  
Consent of copyright owner required for any other use.*



**To: Ciara Maxwell, EPA**

**From: Margot Cronin, MI**

**RE: Dublin Port Company Dumping at Sea permit application 2020/21**

**Date: 03 April, 2019**

\*\*\*\*\*

### **Sediment assessment**

Sediment samples were taken and analysed in January 2019, in accordance with the sampling and analysis plan supplied to Dublin Port Company. Quality assurance/CRM results are satisfactory.

The sediment chemistry in sample 1 demonstrates low level contamination (low Class 2) of copper, zinc and cadmium, and is typical of industrial port sediment. This sample is from the inner oil berth and Dublin Port Company has confirmed that minimal quantities will be removed from here (<5000m<sup>3</sup>).

Sample No.8 on south-side of channel has very low Class 2 copper, while adjacent Sample No.9 is clear.

Sample No.6 demonstrated low levels of PCB and PAH contamination but this area will not be dredged, and in fact will be infilled to support integrity of the quay wall.

The remaining samples are all below the lower Guidance Levels and would therefore be categorised as essentially clean.

In the absence of a feasible alternative, I would not object to the disposal of this sediment at the Burford Bank site.