Dorota Richards

Subject:

FW: RE: Port of Cork - Bantry Harbour - Additional Information Request

From: darragh.musgrave [mailto:darragh.musgrave@viridus.ie]

Sent: 08 August 2016 14:31

To: Caitriona Collins Cc: Mike O'Shea

Subject: Fwd: RE: Port of Cork - Bantry Harbour - Additional Information Request

Hi Caitríona,

As discussed - see below the response from ESI regarding the source of the EQS for the Total of 17 PAHs for the Bantry Harbour Waste Licence work.

They used the UK EA Chemical Standard for Total of 17 PAHs of 5 ug/l for coastal waters as outlined in the email attached below.

I trust that this information answers your question? If there is any other information that you need please let me know.

Best regards,

Darragh

Senior Environmental Scientist, Viridus Consulting Ltd., PH:0876503582

From: Kim Gray < KimGray@esi-consulting.co.uk >

To: "darragh.musgrave" < darragh.musgrave@viridus.ie >

Date: Mon, 08 Aug 2016 11:31:17 +0100

Subject: RE: Port of Cork - Bantry Harbour - Additional Information Request

======== Forwarded message =========

Hi Darragh,

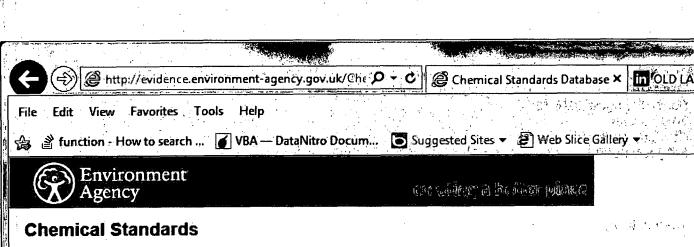
As there is not a relevant standard for the aggregate affected of the 17 PAH's be tested for, we have used the annual mean UK standard for the protection of aquatic life in coastal waters for naphthalene (shown in the first section of the screen shot below) as a conservative surrogate since naphthalene is included within this group. On a similar basis, we have used the annual mean as a conservative estimate for the maximum value.

Apologies, I should have added a footnote to the table to clarify this. I'll call to discuss.

Kind Regards

Kim

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Standard values
Infand surface waters AA-EQS: 2.4 ug/l Other surface waters AA-EQS: 1.2 ug/l
Notes This is a priority substance.
AA-EQS: environmental quality standard expressed as an annual average value.
The AA-EQS values for this substance are also protective against short-term pollution peaks in continuous discharges.
Driver Directive establishing a framework for Community action in the field of water policy (Water Framework Directive)
Sub-driver Not Applicable

Protection goal (what the standard is intended to protect)

From: darragh.musgrave [mailto:darragh.musgrave@viridus.ie]

Sent: 08 August 2016 10:56

To: Kim Gray

Cc: Barnaby Harding

Subject: RE: Port of Cork - Bantry Harbour - Additional Information Request

Thanks Kim,

I was told that you were out today so spoke to Barnaby about this earlier - looking forward to hearing from you.

Darragh

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