

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 Caitriona,

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

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==== Forwarded message =====
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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Chemical Standards

<p>Introduction</p> <p>Chemical Standards listed by name</p> <p>Chemicals Standards listed by CAS</p> <p>Drivers listed by title</p> <p>Sub-drivers listed by title</p> <p>Chemical Standards listed by medium</p> <p>Search database</p> <p>What's new?</p> <p>User Profile</p> <p>Help</p>	<h3>Chemical Standards Report</h3> <h4>Naphthalene</h4> <p>CAS RN: 91-20-3</p> <p>Please scroll down to see all standards for this chemical.</p> <hr/> <p>Type of standard UK Standard</p> <p>Protection goal (what the standard is intended to protect) Protection of Aquatic Life</p> <p>Environmental medium in which the standard applies Surface Water</p> <p>Legal Status of the standard Statutory</p> <p>Standard values Annual mean classification of inland waters: 10 ug/l Annual mean classification of coastal waters and relevant territorial waters: 5 ug/l</p> <p>Notes These standards have been replaced by values under the Water Framework Directive.</p> <p>Driver Council Directive on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community (Dangerous Substances Directive) - List II substances</p> <p>Sub-driver Surface Waters (Dangerous Substances) (Classification) Regulations 1998</p> <hr/> <p>Type of standard EU Standard</p> <p>Protection goal (what the standard is intended to protect) Protection of Surface Water Quality</p> <p>Environmental medium in which the standard applies Surface Water</p> <p>Legal Status of the standard Statutory</p> <p>Standard values Inland surface waters AA-EQS: 2.4 ug/l Other surface waters AA-EQS: 1.2 ug/l</p> <p>Notes This is a priority substance.</p> <p>AA-EQS: environmental quality standard expressed as an annual average value.</p> <p>The AA-EQS values for this substance are also protective against short-term pollution peaks in continuous discharges.</p> <p>Driver Directive establishing a framework for Community action in the field of water policy (Water Framework Directive)</p> <p>Sub-driver Not Applicable</p> <hr/> <p>Type of standard UK Standard</p> <p>Protection goal (what the standard is intended to protect)</p>	
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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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