
Subject: FW: New information re S00024-01 DaS application
Attachments: EPA 4.8.16.docx

From: Peadar Farrell [<mailto:peadar.far@gmail.com>]
Sent: 04 August 2016 16:12
To: Licensing Staff; Karen Creed
Subject: New information re S00024-01 DaS application

Hello

Please find enclosed letter re new site investigations in Dublin Port and its effect on the above application.

Regards

Peadar Farrell

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49 Foxfield Avenue,

Raheny,

Dublin 5.

04/08/2016.

Att Dr Creed.

Re: New information re application for DaS Permit S0024-01 Dublin Port Company.

Dear Dr Creed,

Dublin Port has issued a Notice to Mariners setting out that they are starting major Site investigation works at Dublin Port, the equipment is now on site to carry out this work.

<http://www.dublinport.ie/information-centre/notice-to-mariners/2016-20-marine-site-investigation-borehole-works/>

In my submitted observations dated February 22th 2016 I stated that the east side of the river Liffey near the East Link bridge had Limestone rock at about – 10 m. I also stated that DPC could be back on to the EPA looking for permission to blast out Limestone rock and dump it into Dublin Bay.

To be carrying out step 1 of a Project, site investigation at this stage is amazing but its happening.

To carry out the Project as designed, i.e. driving approx 2.5Km of sheet piles into the sea bed to a working dept of -15m is impossible to do in my opinion without removing vast quantities of Limestone rock, set out below are the reasons for my conclusion.

- East link bridge is founded on steel piles driven down to solid rock between -10 to -12m.
- There is no real reason for that rock to dip it could even get higher, it was laid down long before the liffey existed.

- The Piling drawings show the piles with a working depth of -15 m (for next phase of Project)
- The standard dept to drive sheet piles = drive depth is twice the working depth.
- The design sheet pile driving depth therefore must be -30m.
- If the EPA are working on the basis that its sand, silt and mud that they will be excavating out and dumping I believe this is incorrect.
- It was wrong to apply for both Planning Permission and a Dumping at Sea Permit without the correct information as to what material would be excavated out to achieve the bed levels that are show on the drawings.
- Its very possible that sheet piles may not be suitable for the Project at all.
- Excavating out rock is a completely different matter than excavating sand, mud and silt.
- It should also be noted that in the submission they were unable to get samples for analysis from that river up near East link due to the hardness of the ground.

In conclusion I believe it would be wrong to issue a permit for dumping material into Dublin bay where there are major doubts as to what that material is. There could also be a major issue from many different angles as to how material such as rock might be extracted.

Peadar Farrell 4/8/2016.