

**i) Letter to Cork County Council with respect to proposed emission levels**

Mr. Macdara O' Hici,  
Senior Executive Officer,  
Environment Department  
Inniscarra  
Co. Cork

cc. Ms N. Keavey,  
Programme officer,  
Licensing Unit  
PO Box 3000  
EPA  
Johnstown Castle Estate  
Co. Wexford.

14th December 2005

**Re: proposed trade effluent discharge to Youghal Waste Water Treatment facility – EPA Waste Licence reg. 211-1**

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Dear Mr. O'Hici,

Thanks for taking my telephone call this morning regarding the Waste Licence (EPA reg. no 211-1 – Waste Recovery/ Transfer and Sludge Drying Facility at Youghal).

This waste licence is currently with the EPA for consideration, and, their request for additional information regarding same, includes a request for details of the proposed trade effluent discharge to Youghal Waste Water outfall, Sanitary Authority Youghal.

I attach, for your information a copy of the letter from Youghal Town Council (YTC) indicating that

They have no objection in principle to allowing discharge from the waste facility to discharge to the outfall pipe at Foxhole, Youghal.

I also attach for your information a copy of the letter submitted by Dr. Mary Stack (Cork County Council ref no 10/06/05) regarding the above development and her request for additional information on the proposed effluent emissions re same.

As indicated by yourself Cork County Council assesses proposals to connect to the Sanitary Authority's discharge on a case by case basis based on the proposed emissions.

We have been in discussions with a waste water treatment company who will be installing the waste water plant for the development, the emissions from which will be discharged to the existing outfall pipe. We are also currently undertaking dispersion modeling for the discharge to ensure that it meets the requirements of the EPA.

I attach, for your consideration, the emission limits proposed by the waste water treatment company and I would be grateful if you could review same and let me know if you are satisfied with them. I will also furnish you with a copy of the dispersion model results when they are available.

Thanks in advance for your advise on this

Best regards

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Sinead Hickey  
SWS Environmental

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## Youghal Town Council

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Comhairle an Bhaile Eochaille

13<sup>th</sup> September 2004.

**RE: Outfall Discharge Pipe at Foxhole, Youghal.  
Letter Dated 24<sup>th</sup> August 2004.**

A Chara,

I wish to acknowledge receipt of your above mentioned letter which I have forwarded to our Engineer for a report on same. He has reported back to me now that he has no objection in principle to the granting of permission to SWS Group to discharge to the outfall pipe at Foxhole, subject to the effluent parameters being agreed with both the Environmental Protection Agency and Youghal Town Council. It should also be noted that the outfall at Foxhole will be discontinued in the medium term with the effluent being pumped into a proposed waste water treatment plant in Youghal Mudlands.

This will clearly have financial implications in the granting of waste water discharge licence which at this stage is not possible to quantify. I trust this clarifies the situation for you and should you require any further information please contact me.

Yours Sincerely,

  
LIAM RYAN,  
TOWN CLERK.

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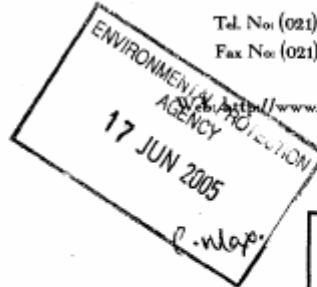
# Comhairle Chontae Chorcaí Cork County Council

Ms N. Keavey  
Programme officer  
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EPA  
Johnstown Castle Estate  
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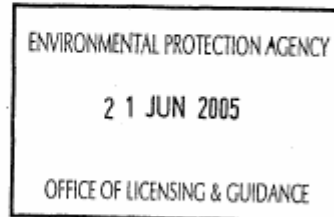
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Re / Licence Reg. No. 211-1



Dear Ms Keavey

I refer to your letter 21st April 2005 to Sanitary Authority Youghal. I have reviewed the document on their behalf.

At present there is no Council wastewater treatment plant in Youghal Town. The proposed plant is under appeal with An Bord Pleanála.

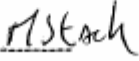
Due to the fact that there is no existing treatment plant, the proposed discharge concentration limits as stated in the Table 3 (a) from emission point SE 1 are too high to be allowed discharge directly to sewer. Additional on-site treatment should be considered.

I have observed also, that there is no information provided on volatile organics and micro organic compounds, no chemical oxygen demand or sulphate concentrations and very limited information on heavy metals.

If the applicant wishes to supply future information to support this application, the Sanitary Authority will reassess the application.

As I am taking up a new post within the Council, I will not be handling future correspondence in relation to this file. New contact person is Mr Macdara O' Hici acting senior executive officer, at Environment Department, Inniscarra.

Yours Sincerely

  
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Dr Mary Stack  
Senior Executive Scientist  
10.06.05

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## Proposed Emission Levels to Foxhole Outflow.

Parameter	Max. hourly average (mg/l)
Suspended solids	30
BOD	25
COD	125
Total Solids	30
Total Nitrogen	6
Chloride	61
Sulphate	14
Phosphate	42
pH	6.5-8
Potassium	2
Sodium	4.7
Calcium	8
Magnesium	1.2
Lead	<0.03
Nickel	0.01
Copper	0.057
Aluminium	2.23
Zinc	0.437
Boron	0.0667
Chromium	0.16
Iron	4.23
Cobalt	<0.01
Arsenic	0.035
Mercury	0.045
Cadmium	0.01
Total Phosphorous	<1
Total VOC's	350
Micro	Log 4-6 reduction.

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