

Declan White
Bhaile an Ridire/Knightstown
Lusk
Co. Dublin

Date: 21st December 2022

Re: Proposed development of a Circular Economy Campus and an Integrated Waste Management Facility at the Hollywood Landfill
Hollywood Great, Nag's Head, Naul, Co. Dublin, A41 YE92

Dear Sir / Madam,

An Bord Pleanála has received your recent submissions dated 4 December 2022 in relation to the above mentioned proposed development and will take it into consideration in its determination of the matter.

A receipt for the fee lodged is enclosed.

The Board will revert to you in due course with regard to the matter.

Please be advised that copies of all submissions / observations received in relation to the application will be made available for public inspection at the offices of Fingal County Council and at the offices of An Bord Pleanála when they have been processed by the Board.

More detailed information in relation to strategic infrastructure development can be viewed on the Board's website: www.pleanala.ie.

If you have any queries in the meantime, please contact the undersigned officer of the Board.

Teil	Tel	(01) 858 8100
Glao Áitiúil	LoCall	1800 275 175
Facs	Fax	(01) 872 2684
Láithreán Gréasáin	Website	www.pleanala.ie
Ríomhphost	Email	bord@pleanala.ie

64 Sráid Maoilbhríde	64 Marlborough Street
Baile Átha Cliath 1	Dublin 1
D01 V902	D01 V902

Please quote the above mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,



Doina Chiforescu
Executive Officer
Direct Line: 01-8737133

PA04

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Baile Na Ridire Knightstown

Lusca lusk

Contae BAC , County Dublin

26/11/22

A Chara , Ref No. ABP 314964

Facility at Hollywood , Co. Dublin by IMS.

Hollywood and District Conservation Group

We have a model built, showing the location of the Public water supply , Nevitt and Hollywood which physically shows how close these areas are .

There is only 1 small public water supply in Fingal called Bog Of Ring Public Water Supply [beside Hollywood]. The rest of the public water is imported from Dublin.

There was a proposal to put a landfill in the Nevitt [Beside Hollywood]. There was a lot of wells drilled in the area and also water pump tests carried out.

Here is an example of some pump tests in Nevitt, carried out by Fingal County Council, Report;

Pump test 1 ; 560,000 litres of water per day

Pump test 2 ; 311,000 litres of water per day

Pump test 3 ; 623,000 litres of water per day

There are also Artesian wells in the area

Fingal County Council confirms there is 1.5 million litres of water flows through this aquifer every day [547 Million litres per year] . Obviously wrong. We believe it is closer to 6 million litres of water per day [2555 million litres per year] . After all, 3.5 million litres of water is extracted from bog of ring public water supply per day [1275 million litres per year] and then add Horticulture and general farming water extraction. . Either way , it is a lot of clean fresh water flowing through this Aquifer. When we say the aquifer it includes Hollywood , Nevitt and the Bog of Ring Public Water Supply. Our model will give all a better picture.

This is one of the reasons why the European commission got involved in 2008 [proposed Nevitt landfill]. I enclose the letter dated 2008. At the time , we spoke in the European Commission EC in front of the MEPs and separate meetings with EC Engineers and hydrogeologists. We were amazed how the European MEPs etc, understood the value of a clean water resource. The European commission told the Irish Government to register the area as a drinking water protected area to comply with Article 6 of Directive 2000/60/EC. They also made a few more points in letter.

A study was carried out which tested the electrical conductivity of the water in the streams and water courses. The Electrical conductivity of rainwater is different to the electrical conductivity of groundwater. I just want to keep this part as simple as possible. The study showed there was groundwater in the streams and water courses. This could be from inflows from springs or wells in the local area or from upward groundwater seepage in the area due to artesian conditions. This could possibly mean the Aquifer has a vulnerability rating of Extreme. Obviously, carry out more studies, if ye have any doubts.

More examples of pump tests with local farmers [they use the water for irrigation and cleaning of fresh vegetables]

Kerrigans 650,000 litres of water per day L/D

Moore's 750,000 L/D

Larry Hagan 800,000 L/D

Country Crest 3 million L/D

John Landy 436,000 L/D

Thorns 750,000 L/D

Bergins 2 million L/D

As you can see, there is a lot of water flowing through this aquifer. We encourage anybody, to talk to local farmers, if anybody has any doubts with above pump tests. This water is the secret to the huge Horticultural Industry / farming in Fingal. No water or contaminated water; no Horticulture and Farming.

Bog of Ring Public Water Supply;

In the year 2000, 5 wells were drilled. A treatment plant was constructed and in the 2003 production started. The wells produce about 3.5 million litres of water per day. As you can see this aquifer produces water for a public water supply, the huge horticultural industry and of course farming in general.

Pump tests were carried out in Hollywood.

In 21st July 2014, a letter was written to the EPA by Patel Tonra/ Arup [on behalf of MEHL Hollywood] [letter is available to everybody, on the internet] objecting to the EPA's opinion.

THE EPA states that ; as groundwater levels at the Bog of Ring rise and fall depending on pumping [abstraction] rates , so do the groundwater levels at MEHL site and that as abstraction has decreased , groundwater levels at the MEHL site have increased.

The EPAs opinion is that groundwater levels at MEHL Hollywood and the Bog of Ring have tracked each other from 2003 to date [letter written 2014] .

Thanking you ; Declan White BSc [Hons]

ABP 314 964

Hi

I uploaded

my REPORT BUT

I THINK 3 PAGES

DID NOT UPLOAD

I PAID £50

THANKS

DECLAN

£50 PAID

Baile Na Ríde Knightstown

Lusca lusk

Contae BAC , County Dublin

26/11/22

A Chara , Ref No. ABP 314964

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AN BORD PLEANÁLA	
LDG-	_____
ABP-	_____
12 DEC 2022	
Fee: €	Type: _____
Time: _____	By: <i>post</i>

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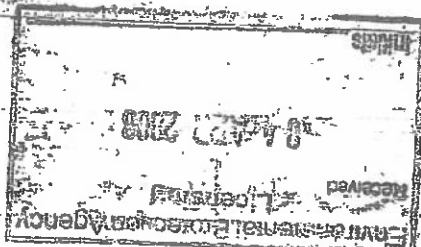




EUROPEAN COMMISSION
DIRECTORATE-GENERAL
ENVIRONMENT

The Director-General

ORIGINAL COPY:
ORIGINAL TO: *File 100*
DATE: 17/3/08
CC: *W Kelly*
CC: *W O'Connell*



Brussels,
D(2008) 4189

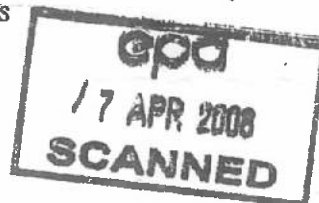
14 MARS 2008

Mr Bobby McDonagh
Permanent Representative of Ireland
to the EU

Rue Froissart 89-93

1040 Brussels

Re: Petition 295/2005 on Nevitt landfill project



Dear Mr McDonagh,

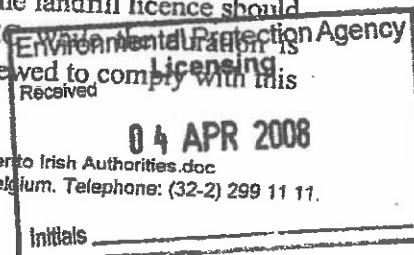
As you are certainly aware, a petition about a planned construction of a large landfill facility in Nevitt (north County Dublin) has been presented to the European Commission by Mr. James Lunney in September 2005 on behalf of the Nevitt Lusk Action Group against a Superdump. This petition has been registered under the reference 295/2005 and has been examined by Commission services on the basis of the information provided by the Petitioner. Results of a preliminary analysis have been reported to the Members of the Petition Committee on 24 April 2005 and the Commission indicated that an environmental impact assessment had to be carried out and that, at the time, and considering that no authorisation had yet been granted for the landfill, no potential breach of the (waste) legislation could be identified.

Following a further analysis by Commission services based on supplementary information sent by the Petitioner, it appears that the planned landfill might lead to a deterioration of groundwater resources, which would potentially breach water legislation. In particular, the proposed landfill is located near an aquifer (the Bog of the Ring) which produces drinking water to local areas and would be potentially affected by the landfill activity.

In its report of 18 June 2007, the Irish EPA's office of licensing and guidance indicated that the likelihood of impacts on the quality of groundwater is insignificant as regard to the potential risk of leakage (as compared to the groundwater flow and related dilution factor) from the landfill and considering that various technical precautions have been taken to ensure that pollution will be prevented, which is in compliance to Directive 80/68/EEC on the protection of groundwater against pollution. There are, however, no concrete data (in particular in the EIS of April 2006 and June 2007) firmly demonstrating this (comparison of monitoring data with natural background levels), meaning that the unlikelihood of significant risk is an assumption. Furthermore, the landfill licence should be reviewed at least every 4 years under Directive 80/68/EEC. It is indicated to be 8 years. In this respect, the license should be reviewed to comply with this legislation.

\\S-env-004\w24\34 WATER\06 Groundwater\7.5 Letters & notes\Petition 295-2005 Letter to Irish Authorities.doc
Commission européenne, B-1049 Bruxelles / Europese Commissie, B-1049 Brussel - Belgium. Telephone: (32-2) 299 11 11.
Office: BU9 03/142. Telephone: direct line (32-2) 296 33 51. Fax: (32-2) 296 88 25.

E-mail: philippe.quevauviller@ec.europa.eu



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ORIGINAL TO: Mr. G. G. G.
DATE: 19/10/82
CC: Mr. G. G. G.
CC: Mr. G. G. G.

EUROPEAN COMMISSION
DIRECTORATE-GENERAL
ENVIRONMENT
The Hague, The Netherlands



14 MAY 1982
Director
Directorate-General
Environment
The Hague, The Netherlands

14 MAY 1982
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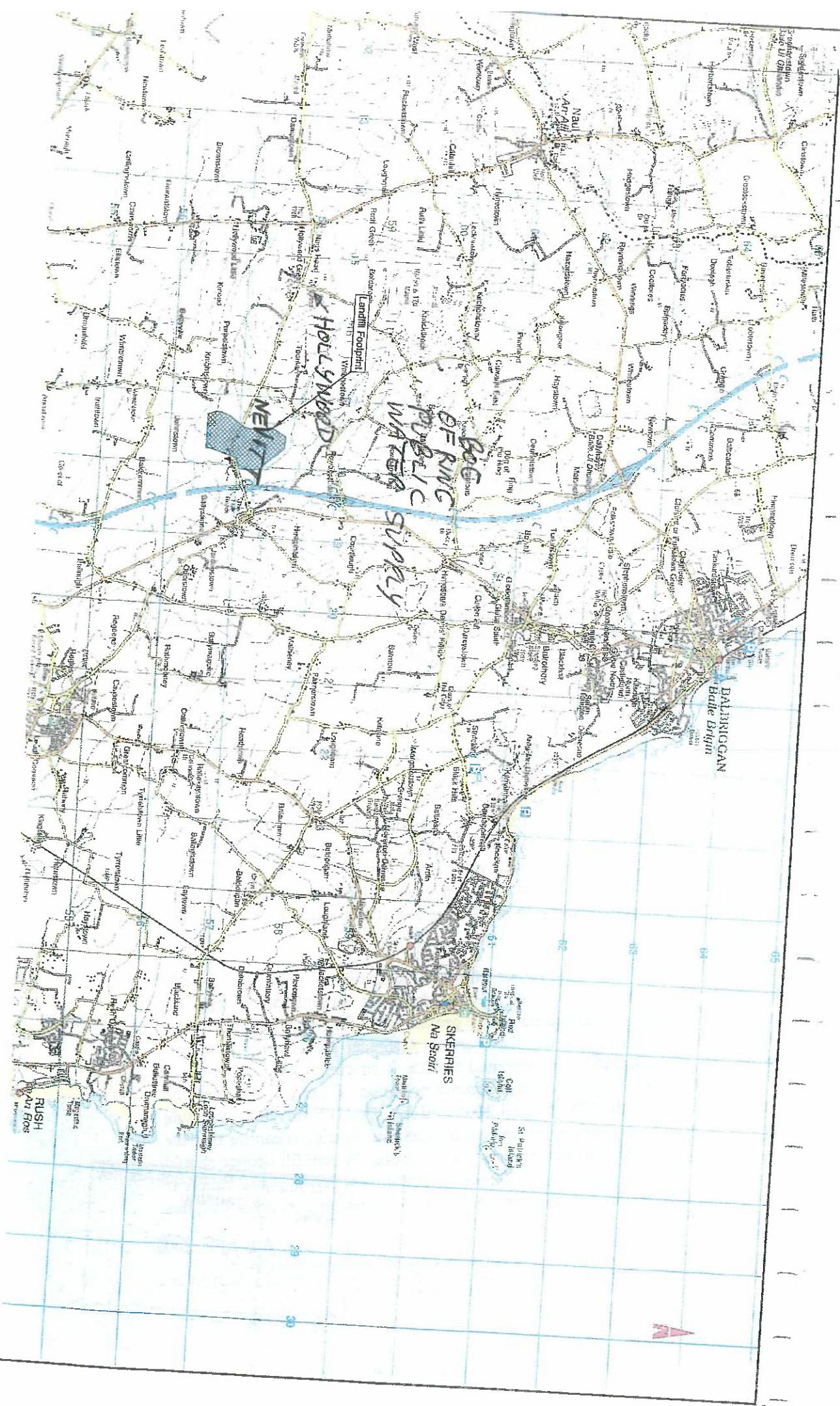
The Commission has received information from the Government of the Netherlands that a number of small-scale projects are being carried out in the area of environmental protection. The Commission is interested in these projects and would like to know more about them. It would like to know what the objectives of the projects are, what the results are, and what the future plans are. The Commission would like to know if the projects are in line with the Community's environmental policy and if they are contributing to the improvement of the environment. The Commission would like to know if the projects are being carried out in a co-ordinated way and if they are being carried out in a timely manner. The Commission would like to know if the projects are being carried out in a way that is consistent with the Community's environmental policy and if they are contributing to the improvement of the environment.

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14 APR 1982
Director
Directorate-General
Environment
The Hague, The Netherlands

PLEANÁLA



OF RINC
PUBLIC
WATER
SUPPLY

NEWT

HOLLAND

Landfill Footprint

BALLYNAGOWAN
Ballynagowan

SMERRIES
Na Smeri

RUSH
Na Rios





EUROPEAN COMMISSION
DIRECTORATE-GENERAL
ENVIRONMENT

The Director-General

ORIGINAL COPY:
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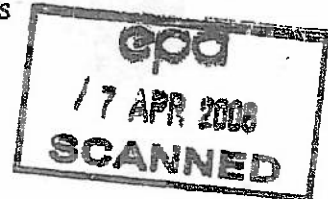
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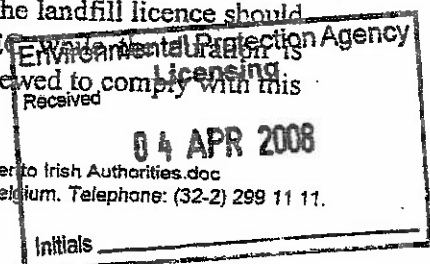
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Office: BU9 03/142. Telephone: direct line (32-2) 296 33 51. Fax: (32-2) 296 88 25.

E-mail: philippe.quevauviller@ec.europa.eu



The Commission expresses concern about the apparent lack of surveys of the most permeable aquifer zone (gravels) and the lack of conclusions about the aquifers located below the landfill in the light of their potential use as drinking water resource. Moreover, this area should have been registered as a drinking water protected area under Article 6 of Directive 2000/60/EC (Water Framework Directive), which does not seem to be the case. This legal requirement is linked to avoid deterioration of (ground)water quality in order to reduce the level of purification treatment required in the production of drinking water.

In the light of the above, the Commission requests the Irish Authorities to take appropriate measures to:

- AVB →
- Carry out further impact assessment studies and review the landfill licence accordingly (or withdraw the authorisation as appropriate);
 - Register the area as drinking water protected area to comply with Article 6 of Directive 2000/60/EC;
 - Take appropriate measures to avoid deterioration of groundwater quality.

To enable the Commission to keep the Petitions Committee informed, I would be grateful for comments and additional information within the next two months.

Yours sincerely,

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for the Director General

D. Grant
Director

M.P. CARL

