

APPENDIX 3

STATUTORY & PUBLIC CONSULTATION DOCUMENTS

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LIST OF ATTENDEES TO PUBLIC MEETING 21-02-05

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Project Sheet:

TES

CONSULTING ENGINEERS

Project No:

Project:

Design:

Minutes:

Element:

Telephone Log:

Other Record:

Tick:

Sheet No. of

Revision No:

Date:

Prepared:

Checked:

Reference:

Output/Action:

- 25 - ROSALEEN WALSH 9 NEWTOWN BRANGES.
- 26 - ALICE RATCLIFFE, SHALLOW, THE WARD CO DUBLIN
SECRETARY ST MARGARETS COMMUNITY COUNCIL,
- 27 - MICHAEL O'NEARKE ST. MARGARETS Com-Encl.
BROUGHAM THE WARD CO. DUBLIN
- 28 - MARY Grogan
Brougham,
The Ward
Co. Dublin
- 29 - Jeanne Sutton ST. MARGARETS, Community Council
- 30 - Pat Ruddy The Ward Co. Dub
- 31 - Tom Smyth Bay Lane, KILSHANE
- 32 - Eamon COSGROVE BAY LANE KILSHANE D.II.
- 33 - Elizabeth Inmanian
- 34 - Noel Battersby
- 35 - Ma Maas Eats Kilshane Kennels.
- 36 - CHRISTOPHER DE RUIVRES Brougham Lane The Ward.
- 37 - Paul + Fintan CORRIGAN The Ward, Co. Dublin
- 38 - Ayl... Kilshane Kennels
- 39 - ... Newpark.
- 40 - ... Carrigan Kilshane Horse 834135
- 41 - Eathin Carrigan u
- 42 - Marie Carrigan u
- 43 - Andrew Fogarty u
- 44 - Myra Fungin 17 Newtown St Margarets
- 45 - Margaret Thomas KILROSE, St. Margaret
- 46 - Diane Stanley newtown north rd.
- 47 - ...
- 48 - Paul Stanley
- 49 - William ... Coldwinters North Rd
- 50 - ANDRE COOPER COLDWINTERS ASABOURNE RD D II
- 51 - GREG HUGHES BEECH VISTA GARDEN CENTRE 8342953

Project Sheet:

TES

CONSULTING ENGINEERS

Project No:

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Sheet No. of

Revision No:

Date:

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Checked:

Reference:	PLEASE PRINT	Output/Action:
	NAME ADDRESS	
1	Sean Whelan 3 MEAKSTON COTT DUBBERX	
2	Catherine Baker Ravenswood Newtown, D. 11	
3	Lourence Baker Ravenswood, Newton D. 11	
4	John Cleary Roadstone	
5	Mary Cowled St Margarets	
6	MARTHA DUNN St Margarets	
7	Peggy Hays The Ward	
8	Helen Gallagher Broughan Lane	
9	John Kelly Cold Winters	
10	MARIE LOWNDES, COLDWINTERS	
11	M. C. R. LOWNDES COLDWINTERS	
12	Kelene McElman KILSHANE, St Margarets Co Dublin	
13	Betty Ryan COLDWINTERS, NORTH RD, D. 11	
14	Kate Cosgrove, The Broughan The Ward, Co Dublin	
15	JOHN HARRIS NEWTON CROSS ST MARGARETS	
16	JOHN GUIN, TU QUINN & ASSOC IATES, KATHOLYON, CO MEATH	
17	NORMAN HOBAN HOBAN'S DE FIELDS NORTH ROAD D. 11	
18	JIM WELDON, KILMONAN LODGE, KILSHANE LANE, KILSHANE CROSS D. 11	
19	Wall Duffin KILSHANE CROSS	
20	CP of Jim " " " "	
21	John W. PROANEY KILSHANE CROSS KILSHANE CROSS DUBLIN 11	
22	Home Garden Huntstown	
23	John Conner Huntstown Finglas	
24	David Smith WARD FARM The Ward	

Project Sheet:

TES

CONSULTING ENGINEERS

Project No:

Project:

Element:

Design:

Minutes:

Telephone Log:

Other Record:

Tick:

Sheet No. of

Revision No:

Date:

Prepared:

Checked:

Reference:

Output/Action:

52-2nd Floor Damage Kilsbarn RD

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List of Attendees at Public Consultation Meeting 21/02/05

NAME	ADDRESS
1. Sean Whelan	3 Meakstown Cottages, Dubber X
2. Catherine Barker	Ravenswood, Newtown, Dublin 11
3. Laurence Barker	Ravenswood, Newtown, Dublin 11
4. Tom Cleary	Roadstone
5. Mary Cawley	St. Margarets
6. Martha Davy	St. Margarets
7. Peggy Hoey	The Ward
8. Helen Gallagher,	Broughan Lane
9. Joan Ryan	Coldwinters
10. Marie Lowndes	Coldwinters
11. Nicky Lowndes	Coldwinters
12. Helena Merriman	Kilreesk, St. Margarets, Co Dublin
13. Anthony Ryan	Coldwinters, North Road, Dublin 11
14. Kate Cosgrave,	The Broughan, The Ward, Co. Dublin
15. John Harris`	Newtown Cross, St. Margarets
16. John Quinn	J.V. Quinn & Assoc, Ratholyon, Co. Meath
17. Niall Hogan	Hogan's of Finglas, Northroad, Dublin 11
18. Jim Weldon	Kilmonan Lodge, Kilshane Lane, Kilshane Cross, Dublin 11
19. Niall D????	Kilshane Cross
20. E???????	Kilshane Cross
21. Jason W Groaney	Kilshane Cross, Dublin 11
22. Ronnie Craven	Huntstown, Dublin 11
23. Lolo Cravaen	Huntstown, Dublin 11
24. David Smyth.	Ward Farm, The Ward
25. Rosaleen Walsh	9 Newtown Cottages
26. Alice Ratcliffe	Shallon, The Ward, Co. Dublin. Secretary, St. Margarets i. Community Council.
27. Michael O'Rourke Co. Dublin	St. Margarets Community Council, Broughan, The Ward,
28. Mary Grogan	Broughan, The Ward, Co. Dublin
29. Pearse Sutton	St. Margarets, Community Council
30. Pat Rutlef	The Ward, Co. Dublin
31. Tom Smyth	Bay Lane, Kilshane, Dublin 11
32. Eamonn Cosgrove	Bay Lane, Kilshane, Dublin 11
33. Elizabeth M Moynihan	
34. Noel Battersby	
35. Mr + Mrs Earls	Kilshane Kennels
36. Christopher Mc Guinness	Broughan Lane, The Ward.
37. Paul + Fintan Corrigan	The Ward, Co. Dublin
38. ??????????	Kilshane Kennels
39. ??????????	???????????
40. Laura Carrigan	Kilshane House (8341351)
41. Cathy Carrigan	Kilshane House
42. Marie Carrigan	Kilshane House
43. Andrew Fogarty	Kilshane House
44. Myra Finegan	17 Newtown, St. Margarets
45. Margaret Thomas	Kilreesk, St. Margarets
46. Diane Stanley	Newtown, North Road
47. Tom Stanley	Newtown, North Road

48. Paul Stanley
49. William ????
50. Andre Cooper
51. Greg Hughes
52. Eoin ????

Newtown, North Road
Coldwinters, North Road
Coldwinters, Ashbourne Road, Dublin 11
Beech Vista Garden Centre (8342953)
Kilshane Road

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**LETTER WITH FREQUENTLY ASKED QUESTIONS AS SENT TO
RESIDENTS & BUSINESSES IN THE VICINITY OF
KILSHANE CROSS DATED 1ST MARCH 2005**

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Fingal County Council Comhairle Contae Fhine Gall



1st March 2005

Dear Resident,

As you may be aware a site at Kilshane Cross, in the ownership of Fingal County Council has been proposed as a suitable site for the development of a Recycling Park for Fingal and the Dublin Region. A public meeting which you may have attended, was held at the White House, North Road, on Monday 21st February, to outline the main parts of this proposal and the various stages which must be gone through before any development can proceed at this site.

As a resident living in the area close to the site, you may have a number of questions in relation to the proposed development and the attached information sheet provides some answers to the more commonly asked questions relating to this proposal.

The current status of this proposal is that an Environmental Impact Statement (EIS) is being prepared on behalf of Fingal County Council. The EIS must outline any environmental impacts which the proposed development may have on the surrounding area and propose measures to reduce or eliminate these impacts. Once completed this EIS must be submitted with a Waste Licence Application to the Environmental Protection Agency (EPA), an independent Government Agency and with a Planning Application to An Bord Pleanála. These 2 applications are separate and independent of one another. There are clear and important public consultation phases which must be undertaken as part of applying for a waste licence or planning permission when local residents can make submissions or objections in relation to the proposed development. These applications are likely to be made in a number of months and this will be advertised in local and national papers.

In the meantime if you have any further questions or need any further information in relation to the proposed development at Kilshane Cross please contact us.

Regards

Eamonn Walsh
Senior Engineer – Environment Department

Environment Department
P.O. Box 174,
County Hall,
Swords,
Fingal,
Co. Dublin

An Roinn Saibhéal Comshaoil
Bosca 174,
Áras an Chontae,
Sord,
Fhine Gall,
Contae Átha Cliath

Telephone
01 890 5472
Facsimile
01 890 6299
Email
envserv@fingalrcc.ie
www.fingalrcc.ie





Fingal County Council
Comhairle Contae Fhine Gall

Kilshane Cross Recycling Park – Frequently Asked Questions

What is proposed for the site at Kilshane Cross?

Fingal County Council propose to develop a Recycling Park at Kilshane Cross which will incorporate a number of component activities namely:

- A drying facility which will make sludges from water and sewage treatment works in Fingal suitable for re-use in other activities e.g. agriculture
- A construction & demolition (C&D) waste recycling facility
- A municipal composting facility for recycling of part of the organic waste from the Dublin region including household kitchen & garden waste
- A waste transfer station for handling of municipal waste to be transferred to the proposed Thermal Treatment Plant to be located at Poolbeg in Dublin.

The proposed recycling park will operate as a recycling centre and all waste entering the site will also leave the site once processed. No waste will be disposed of at this site.

Why do we need this facility?

As a local authority Fingal County Council must develop a facility to handle their own sewage sludge within their administrative area, i.e. within Fingal. This is a requirement set out by the Department of the Environment & Local Government a number of years ago.

The provision of other proposed waste recycling facilities at Kilshane Recycling Park, including the composting, C&D recycling and waste transfer facilities are part of the shared infrastructure required to deliver integrated waste management for the Dublin region and will complement other facilities being provided by Dublin City Council, Dun Laoghaire Rathdown County Council and South Dublin Council. The 4 Dublin local authorities have undertaken to deal with Dublin's waste on a regional basis as set out in the Dublin Regional Waste Management Plan and each local authority is sharing the burden of providing the required infrastructure to ensure our waste is managed effectively.

Who will manage it?

It is likely that the proposed site at Kilshane will be built and operated through a Public Private Partnership between Fingal County Council and a competent private sector partner. If this is the case then the private sector partner will be selected through the usual publicly advertised Procurement Procedure.

When will it be built?

The building and operation of the new recycling park at Kilshane Cross cannot go ahead unless a Waste Licence is issued by the EPA (Environmental Protection Agency) and planning permission is granted by An Bord Pleanála. This can take several months or even years and

both applications will involve considerable public consultation phases. Both applications must be accompanied by an Environmental Impact Statement which will set out the potential environmental impacts and proposed mitigation measures.

Who will make sure it is run properly?

The Waste Licence, if and when issued by the EPA, will set out strict conditions for the construction and operation of the Recycling Park. The conditions will also include restrictions on opening times, material accepted, for example, as well as outlining any environmental monitoring which will have to be carried out once the site is operational.

Will there be pollution/traffic/noise/smell from the Facility?

Modern waste management facilities must be designed to very high standards to minimise any negative impact on the surrounding environment. Any emissions, traffic, noise or smells associated with the operation of the Recycling Park at Kilshane will be strictly controlled by conditions set out in the waste licence. Maximum levels will be set for emissions from the sludge drying and composting facilities, for example, and this will be monitored on a regular basis by staff from the EPA. Breaches of these emission limits can mean the closure of the site by the EPA, either temporarily or permanently.

Can I make an objection?

Both the Planning and Waste licence application processes have open public consultation phases. Any residents or interested parties can make submissions or objections at this time and each will be considered as part of the process. These consultation phases will be advertised in all local papers and information on the status of either application is available at any time from Fingal County Council, the EPA or An Bord Pleanála.

Where can I get more information?

Queries on the proposed development of the Recycling Park at Kilshane Cross can be made by email, on the phone, or in writing, at any time, to Fingal County Council Environment Department:

Fingal County Council

Gilbert Power Director of Services	01 890 5601	gilbert.power@fingalcoco.ie
Eamonn Walsh Senior Engineer	01 890 6261	eamonn.walsh@fingalcoco.ie
Florence White Environmental Awareness	01 890 6768	florence.white@fingalcoco.ie

**REPLY LETTERS FROM STATUTORY BODIES IN RESPONSE TO
STATUTORY CONSULTATION**

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LIST OF STATURORY & NGO CONSULTEES

Statutory/NGO Consultee
An Taisce
Department of Agriculture & Food
Department of Arts, Heritage, Gaeltacht & the Islands
Department of Enterprise, Trade & Employment
Department of the Marine & Natural Resources
Department of Public Enterprise
The Office of Public Works, Engineering Services
The National Roads Authority
The Irish Aviation Authority
Irish Farmers Association
Coillte Teoranta
Teagasc
Bord Failte Eireann
Irish Wildlife Trust
BirdWatch Ireland
The Eastern Health Board
Health and Safety Authority
Environmental Protection Agency
Electricity Supply Board
Bord Gais Eireann
The Heritage Council
National Museum of Ireland
Development Applications Section, The Department of the Environment, Heritage & Local Government
Local Conservation Ranger, National Parks & Wildlife Service
The Eastern Regional Fisheries Board

NGO Consultee
Huntstown Power Company Ltd.
Roadstone Dublin Ltd.
Beech Vista Nursery Garden Center
Abby Builders Merchants Ltd.



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Health Services Executive,
Northern Area,
Swords Business Campus,
Balheary Road,
Swords,
Co. Dublin.

17 MAR 2005

2nd March 2005.

Mr. Dermot Burke,
Project Manager,
TES Consulting Engineers,
Block 4B, Unit 5,
Blanchardstown Corporate Park,
Dublin 15.

Re: Proposed Kilshane Cross Recycling Park

Dear Mr. Burke,

I refer to your letter dated 31st January 2005 regarding the above.

It is not clear if the environmental impact assessment for the waste recycling park includes a health impact assessment. If not, it is the advice of our Public Health Department that a health impact assessment be undertaken and one of our specialists in Public Health medicine would be happy to review and comment on a scoping document once it is produced.

In addition to the effects of increased heavy traffic in the area, it is our view that the extent and effect of other factors on local residents should also be examined. These include the following:

- Noise
- Dust from construction and demolition facility
- Dust and organic particulates from all other facilities
- Odour, particularly from biological waste treatment, waste transfer facility and sludge hub centre.
- Depending on the nature of the biological waste treatment facility, gas production, potentially creating odour and potential fire/glare hazard.

It is assumed that construction waste will not contain hazardous materials such as asbestos, which should be treated as a hazardous waste. This would need to be clarified.

I hope that the above comments are seen as being constructive and will be given due consideration.

Yours sincerely,

Angela Kerrigan
Assistant Chief Executive, Community & Primary Care Services

Aerodromes and Airspace Standards Department

7th February 2005

Mr. Dermot Burke
Project Manager
TES Consulting Engineers
Block 4B, Unit 5
Blanchardstown Corporate Park
Dublin 15

RE: Proposed Kilshane Cross Recycling Park

Dear Mr Burke:

I refer to your letter of the 31st January outlining a proposal for a recycling park at Kilshane Cross, Dublin 15.

Waste recycling facilities are known to attract birds and birds pose a significant hazard to aircraft. International aviation standards specifically recommend that the separation between major airports and waste facilities of up to 13 kilometres. The site at Kilshane Cross is some 2.2 kilometres from Dublin Airport, close to the centreline of the main runway.

The Irish Aviation Authority and Dublin Airport Authority will object to this proposed development unless it can be clearly demonstrated that all aspects of the operation of this waste facility will not constitute a bird attractant.

Yours sincerely,



Pieter van Velzen
Aeronautical Officer



Environmental Protection Agency
An Ghníomhaireacht um Chaomhú Caimhshóil

Mr Dermot Burke
Project Manager
TES Consulting Engineers
Block 4B, Unit 5
Blanchardstown Corporate Park
Dublin 15

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland

Ceanncheathrú, Bosca Poist 3000
Eastát Chaisleán Bhaile Sheáin
Contae Loch Garman, Éire

T: +353 53 60600
F: +353 53 60699
E: info@epa.ie
W: www.epa.ie

LoCall: 1890 33 55 99

8 February 2005

Re: Proposed Kilshane Cross Recycling Park EIS

Dear Mr Burke

I am to refer to your letter of 31 January 2005 regarding the above.

The Agency has examined the information that you submitted and have filed the details under Possible Applications.

You are reminded that the landfill application to the Agency should be the updated forms of September 2004. The application form is available on our web site at the following location:

<http://www.epa.ie/Licensing/WasteLicensing/ApplicationformsGuidanceDocuments/>

Yours sincerely

Noeleen Keavey
Licensing Unit
Office of Licensing & Guidance





Irish Wildlife Trust

Irish Wildlife Trust
Sigmund Business Centre
93A Lagan Road
Dublin Industrial Estate
Glasnevin
Dublin 11

Tel: 01 860 2839
Email: enquiries@iwt.ie
www.iwt.ie

10 FEB 2005

→ Dermot
Burke.

Block 4B
Unit 5
Blanchardstown Corporate Park
Dublin 15

10th February 2005

Dear Mr. Burke

Re: Proposed Kilshane Cross Recycling Park EIS

As part of the EIS I expect that you have assessed both the flora and fauna of the area. Grassed Agricultural land surrounded with hedgerows provided ideal habitat for a variety of nesting birds in Ireland. The hedgerows should be retained especially since we are coming into nesting season very shortly and they would maintain a natural boundary around the recycling park and keep the natural wildlife corridor between habitat ranges.

As this area is overgrown with grasses, it may have given time for varieties of grasses and flowering plants to occur. Have these been assessed in the EIS as part of the flora assessment.

Regarding the tributary of the River Ward, there is data that shows Otters to be present in the Ward and also its tributaries. As the Otter is a priority species protected under the Habitats Directive, have their presence been assessed and possible impacts on them. Will any effluent or wastewater be discharged into this stream. Any impacts on fish populations and water quality should also be addressed within the EIS.

All assessments of flora and fauna should be done at appropriate times for fieldwork to ensure that the assessments truly represent what flora and fauna are present and to ensure the impacts can be properly assessed.

Regarding the location and traffic, the IWT would have concerns about access and further traffic congestion along the N2. The N2 is heavily congested due to the increase of residential development in Ashbourne and surrounding Fingal environs. The amount of traffic that will be generated by the recycling facility

Leading the Way in Wildlife Conservation

especially the increase in HGV as they transport construction and demolition waste to and from the facility. Is the road infrastructure present to allow for further road users on an already heavily congested road? This should also be assessed within the EIS.

These are the comments and concerns of the Irish Wildlife Trust that I hope you will take into consideration.

Yours sincerely



Sarah Fields
Development Officer

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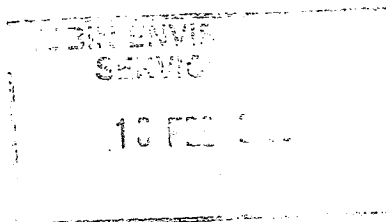
Head Office: Dublin Airport, Ireland.
Telephone: 353-1-814 1111, Fax: 353-1-814 4120
Website: www.dublinairportauthority.com

Príomhoifig: Aerfort Átha Cliath, Éire.
Teileafón: 353-1-814 1111, Faics: 353-1-814 4120
Suíomh Idirlíon: www.dublinairportauthority.com

**DUBLIN AIRPORT
AUTHORITY plc**
ÚDARÁS AERFORT BHAILE ÁTHA CLIATH cpt

15 February 2005

Mr Dermot Burke
Tobin Environmental Services Ltd
Block 4B, Unit 5
Blanchardstown Corporate Park
Dublin 15



Dear Mr Burke

Re: **Proposed Kilshane Cross Recycling Park EIS**

I refer to your letter of 31 January 2005 addressed to The Secretary, Aer Rianta.

On behalf of Dublin Airport Authority plc, Head Office, Dublin Airport, in its capacity as statutory consultee under article 28.1(i) of the Planning and Development Regulations, 2001 [SI No. 600 of 2001] we wish to lodge these submissions and observations regarding a proposed recycling park at Newtown, Kilshane Cross, Dublin 15.

Dublin Airport Authority plc has statutory responsibility for the operation, management and development of the three State Airports by virtue of the Air Navigation and Transport (Amendment) Act, 1998. The company's statutory remit includes at section 23(1)(b) a mandate "to take all proper measures for the safety, security, management, control, regulation, operation, marketing and development of its airports" and a duty at section 24(1)(b) "to take such steps either alone or in conjunction with other persons as are necessary for the efficient operation, safety, management and development of its airports".

It is in pursuance of these duties and responsibilities that Aer Rianta makes the following comments:-

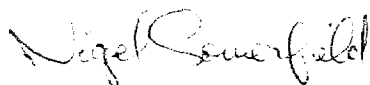
The proposed development is intended to process in excess of 65,000 tonnes per year of organic wastes, potentially edible by birds. However the development is to be located only 3.5 km approximately from the aerodrome reference point at Dublin Airport and only 0.5 km approximately from the extended centreline of Runway 10/28. The location of such a known attractant of scavenging bird species such as gulls, crows, starlings and feral pigeons, all of which are major hazards to aviation, within 13km of an international airport, is contrary to best practice and to the recommendations of ICAO, the International Civil Aviation Organisation.

More specifically, the organic wastes are likely to attract large numbers of Black headed Gulls (*Larus ridibundus*), some Herring (*L. argentatus*) and Lesser Black backed Gulls (*Larus fuscus*), as well as Great Black backed (*L. marinus*) and Common Gulls (*L. canus*). All these gull species, which range in weight from 300g to 1500g, are well known locally and internationally to constitute a major potential hazard to air safety. Likewise, crow species such as the Rook (*Corvus frugilegus*), 500g, and the Starling (*Sturnus vulgaris*), 90g, have been involved in very serious bird strikes in Ireland and Europe. The Starling, a small but densely flocking species, was responsible for the loss of an aircraft in Holland in the mid-1990s in which 34 persons lost their lives. Organic wastes also attract feral pigeons (*Columba livia var domestica*), 450g, and very large and hazardous species such as the Heron (*Ardea cinerea*), 2.3 kg.

Despite the potential hazards which this development will create for air safety at Dublin Airport, the airport authority has received no information on how these materials are to be handled and processed on site. No information has been presented as to what mitigation measures are to be put in place to eliminate the demonstrably negative impacts the development will have on air safety at Dublin Airport.

The proposed development constitutes a potential major hazard to air safety at Dublin Airport and one which is well known internationally. The location of the development less than 13km from the aerodrome reference point is in breach of ICAO recommendations. In the absence of comprehensive detail on how the hazards are to be eliminated the Dublin Airport Authority has no option but to object robustly to this development.

Yours sincerely



Nigel Somerfield
Technical Standards Manager

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National Roads Authority
An tÚdarás um Bóithre Náisiúnta

Mr. Dermot Burke
Project Manager
TES Consulting Engineers
Black 4B
Unit 5
Blanchardstown Corporate Park
Dublin 15

0007 071 97
16 17 2005
16 17 2005

St. Martin's House / Waterloo Road / Dublin 4
Tel: +353 1 660 2511 / Fax: +353 1 668 0009

Date 22nd February 2005

Our Ref.

EDMS 24305

Your Ref.

Re: Proposed Kilshane Cross Recycling Park EIS

Dear Mr. Burke

I refer to your letter dated 31st January 2005 regarding the above.

The Authority considers that any traffic impact assessment should include junction analysis of the nearby national routes.

Yours sincerely

Olivia Morgan
Programme Division

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18 February 2005

Mr Dermot Burke B.E., M.Eng.Sc., M.I.E.I.
TES Consulting Engineers,
Block 4B, Unit 5,
Blanchardstown Corporate Park,
Dublin 15.

RE: Proposed Kilshane Cross Recycling Park EIS

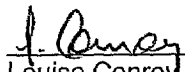
Dear Mr Burke,

I wish to refer to your previous correspondence to this office concerning the above proposal.

The area where the proposed facility is to be located is mainly used for agriculture. Therefore, consideration will have to be given to the possible impacts of the proposed recycling facility on agricultural activities in the locality as part of the Environmental Impact Assessment. The factors that should be considered include:

1. Risk to local water supplies (Leachate containment). Consider the possible impact on groundwaters and surface waters (e.g. impact on adjoining stream).
2. Impact of increased traffic (in an already very busy area).
3. Human health and safety considerations.
4. The impact of vermin and scavenging birds (possible means of spread of animal diseases).
5. Odour impacts and impact of dust.
6. Noise impacts.

Yours sincerely,


Louise Conroy
Environment Section
053 63466

Johnstown Castle Estate,
Co. Wexford, Ireland.

Eastát Chaisleán Bhaile Sheonach,
Chontae Loch Garman, Éire.

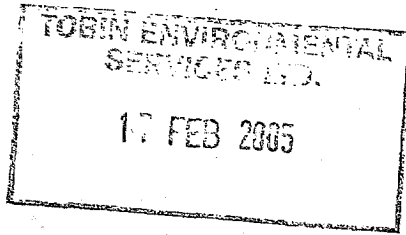
Tel: 053 - 63400 Fax: 053 - 42839
www.agriculture.gov.ie VAT Reg. IE4773186Q

BORD GÁIS ÉIREANN

HEAD OFFICE :

P.O. Box 51,
Gasworks Road,
Cork.

Telephone (021) 4534000
Fax (021) 4534387



15/02/05

TES CONSULTING ENGINEERS
BLOCK 4B
UNIT 5
BLANCHARDSTOWN CORPORATE PARK
DUBLIN 15.

ATTN: MR. DERMOT BURKE

DEAR SIRs,

RE: PROPOSED KILSHANE CROSS RECYCLING PARK EIS

WE ARE IN RECEIPT OF YOUR LETTER DATED 31ST ULT. REGARDING THE ABOVE AND ADVISE BGE HAS NEITHER OBJECTION NOR COMMENT TO MAKE REGARDING THE PROPOSED FACILITY.

BGE OWNS AND OPERATES AN ABOVE GROUND INSTALLATION (AGI) NEARBY IN HUNTSTOWN. ACCESS TO THIS FACILITY IS VIA A RIGHT OF WAY WHICH MUST BE KEPT FREE AT ALL TIMES. YOU MIGHT CONSIDER THIS WHEN PREPARING YOUR FINAL PROPOSAL FOR THE RECYCLING FACILITY.

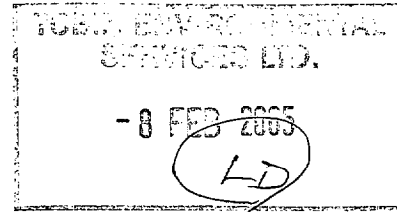
WE ENCLOSE FOR YOUR INFORMATION COPIES OF BGE DRAWINGS BGE/83/AL/003 AND BGE/83/ACQ/01/01. THESE SHOW THE POSITION OF THE AGI, THE PIPELINE AND THE EXTENT OF THE BGE RIGHT OF WAY.

WE REFER HEREIN TO THE HIGH PRESSURE TRANSMISSION NETWORK ONLY. YOU MUST CONTACT BGE DISTRIBUTION AT 01-602 1354 FOR INFORMATION ON ITS SERVICES IN THE VICINITY OF THE RECYCLING UNIT.

Yours faithfully,

Donncha O'Sullivan - 15/2/05

Donncha O'Sullivan
Transmission Operations
Bord Gáis Eireann
DD 021-453 4613
doosulli@bge.ie.



7 February 2005

Our Ref.: G2005/64

Ms Lisa Dowling,
TES Consulting Engineers,
Unit 4B,
Unit 5,
Blanchardstown Corporate Park,
Dublin 15.

Re: Proposed Kilshane Cross Recycling Park EIS

Dear Ms Dowling,

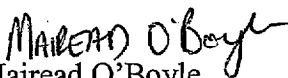
I wish to acknowledge receipt of your recent letter in relation to the above.

Your enquiry has been allocated the above reference number which should be used in all correspondence with the Development Applications Unit of the Department of the Environment, Heritage and Local Government. In addition your enquiry has been circulated to the relevant individuals / Divisions for their comments and we will revert to you in due course.

While your enquiry is particular to nature conservation, it should be borne in mind that the proposed development may potentially have an impact on the built heritage (archaeology & architecture). Therefore, the applicant should ensure that the relevant assessments are undertaken to establish such impacts, if any, on the built heritage. Should the applicant wish to have the development considered from the built heritage perspective, they should submit the relevant details / documentation to the undersigned, quoting the above reference number.

If you need any further assistance please contact the undersigned.

Yours sincerely


Mairead O'Boyle
Development Applications Unit





An Roinn Fiontar, Trádála agus Fostaíochta
Department of Enterprise, Trade and Employment

2nd February 2005

TES Consulting Engineers,
Block 4B, Unit 5,
Blanchardstown Corporate Park,
Dublin 15.

ENTERPRISE LTD.

- 3 FEB 2005

Re. Proposed Kilshane Cross Recycling Park EIS

To Whom It May Concern:

I refer to your letter of 31st January 2005, inviting comments on the proposed development referred to above. The Department of Enterprise, Trade and Employment has no problems or concerns relating to the Environmental Impact Assessment of the proposed Recycling Park.

Regards,

Aisling O'Reilly

Aisling O'Reilly,
Environment Unit.

Phone: - 00 353 1 6312449
E-mail: - aisling_o'reilly@entemp.ie



OPW

The Office of Public Works
Oifig na nOibreacha Poiblí

**Our Ref: C85/100/652/60
ADM05/0145**

Mr. Dermot Burke, B.E., M.Eng.Sc., M.I.E.I.
Project Manager,
TES Consulting Engineers,
Block 4B,
Unit 5,
Blanchardstown Corporate Park,
Dublin 15.

Re: Proposed Kilshane Cross Recycling Park EIS.

Dear Mr. Burke,

I refer to your correspondence dated 31st January 2005, which received in the Office of Public Works Library, in relation to the above matter.

I would like to draw your attention to the attached document which was recently sent by the Office of Public Works to the Department of Environment, Heritage and Local Government with a recommendation that the substance of the points raised be incorporated into Town and County Development Plans.

While the Department of Environment, Heritage and Local Government has not yet responded formally to the document, this Office feels that it would be prudent to send it to your organisation for your information.

I hope this is to your satisfaction.

Yours sincerely,

**Conor McDermott
Engineering Services
9th March 2005.**



Head Office
51 St. Stephen's Green
Dublin 2

Príomh-Oifig
51 Faiche Stiabhna
Baile Átha Cliath 2

Telephone: (01) 647 6000
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17 MAR 2005
DB



FLOOD RISK AND DEVELOPMENT

Introduction

The underlying causes of flooding, heavy rain and high sea levels, are, essentially, uncontrollable. However, some of the factors that influence the extent and severity of the flooding attributable to these causes can be addressed. The most influential of these factors is development, in particular development in flood plains i.e. areas adjacent to rivers that tend to become flooded following periods of heavy rain. Historic records will help to indicate which areas might be prone to flooding, although it is always possible that areas not known to have flooded in the past or for which no records of flooding are available, might flood in the future due to changes in upstream or downstream conditions or the occurrence of a more extreme rainfall event.

The risk of flooding should be considered in all cases where development is being considered in the interests of individuals proposing the development and of the public in general.

Impact of Flood Risk on Development

Locating development in an area at risk from flooding can lead to property damage, human stress and hardship, problems obtaining property insurance and consequential demands for the expenditure of local authority or central government resources on flood protection works. The construction of protection works either at the time of the development, or at a later date, will incur additional costs, may not provide absolute immunity from the risk of flooding and can, if not appropriately designed, have detrimental effects on flood risk elsewhere.

Impact of Development on Flood Risk Upstream

In times of flood, the river flows not only through its normal channel but also along the flood plains. Any constriction of the natural flow path can 'back-up' the river and lead to increased flood levels upstream. The construction of buildings or houses, and particularly embankments for infrastructure or protection, in or across a floodplain can therefore not only put the development itself at risk of flooding, but can also increase the flood risk for land and properties upstream. The same is obviously true of any construction in, or encroachment into, the normal river channel.

Impact of Development of Flood Risk Downstream

Natural or agricultural land, such as forests, woodland, pastures or crop fields, is normally able to absorb a considerable proportion of any rain that falls onto it. Covering such land with buildings, tarmac (such as for parking areas or roads), or other impermeable materials significantly reduces this ability to absorb rainfall, and will lead to increased land runoff. As a result, large developments, including those away from major rivers, can increase river flows and the risk of flooding to land and property downstream. A number of smaller developments built up over a period of time can have the same effect.

FLOOD RISK AND DEVELOPMENT

SUGGESTED POLICY/GUIDELINES FOR INCLUSION IN DEVELOPMENT PLANS

POLICY

Development should not itself be subject to an inappropriate risk of flooding nor should it cause or exacerbate such a risk at other locations.

GUIDELINES

1. Development that is sensitive to the effects of flooding will generally not be permitted in flood prone or marginal areas.

[Preventing such development, where flooding would result in significant hardship, financial losses or costs, will avoid increasing the existing level of risk and will protect the proposed new development from the human (stress and ill-health, for example) and financial costs of flood events. It will also eliminate or reduce expenditure on flood protection measures and compensation.]

2. Appropriately designed development, which is not sensitive to the effects of flooding, may be permissible in flood plains provided it does not reduce the flood plain area or otherwise restrict flow across floodplains.

[Examples of such development might include park areas, sports pitches, certain types of industry, warehousing, etc. designed to be flood resistant and/or insensitive. Such development should only be permitted provided it incorporates adequate measures to cope with the ever-existent flood risk, e.g. adequate drainage systems, safety measures, emergency response facilities and/or warning and response systems and where it is considered that flooding would not result in significant hardship/financial loss or cost.]

3. Development must so far as is reasonably practicable incorporate the maximum provision to reduce the rate and quantity of runoff. E.g.:-

- Hard surface areas (car parks, etc.), should be constructed in permeable or semi-permeable materials
- On site storm water ponds to store and/or attenuate additional runoff from the development should be provided
- Soak-aways or french drains should be provided to increase infiltration and minimise additional runoff

[Such sustainable design/construction measures are desirable in most areas and essential in floodplains, areas liable to flooding, and areas where the conveyance capacity of watercourses is marginal. In all of these cases development that reduces the rate of absorption or increases the rate of runoff increases the risk of flooding of lands and properties downstream]

4. For developments adjacent to watercourses of a significant conveyance capacity any structures (including hard landscaping) must be set back from the edge of the watercourse to allow access for channel clearing/maintenance.

[A setback of 5m-10m is required depending on the width of the watercourse.]

Impact of Tidal Flood Risk on Development

A combination of high tides, waves, high winds and surges developed from low-pressure systems can lead to extensive flooding. Current predictions of climate change indicate that the risk of flooding from the sea will increase in the future. Any area below current or predicted future peak sea levels, including areas behind existing defences that offer only a certain level of protection, are at risk from flooding in the future.

Impact of Possible Climate Change

Current predictions of climate change in Ireland indicate that winters will become wetter and the rainfall distribution 'stormier', and that sea levels will rise. This would mean that areas not currently prone to flooding may be at risk from flooding in the future.

Recommended Approach

Consideration of flood risk and the related impacts of, or on, development throughout a catchment, rather than on a location-by-location basis, will facilitate sustainable development through the reduction of future flood damage, and hence reduce the potential economic and social costs outlined above. Development Plans (and subsequent Planning decisions) are the key to this approach. It is recommended therefore that a Policy Statement and Guidelines in relation to flood risk / development on the lines of those in the attached document should be incorporated into Development Plans.

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5. Development consisting of construction of embankments, wide bridge piers, or similar structures will not normally be permitted in or across flood plains or river channels.

[Such structures restrict/obstruct flow and increase the risk of flooding to property and land upstream. If it is considered necessary, in exceptional cases, to permit such structures, they should be designed to minimise and/or compensate for any potential negative effects]

6. All new development must be designed and constructed to meet the following minimum flood design standards:-

- For Urban areas or where developments (existing, proposed or anticipated) are involved - the 100 year flood
- For Rural areas or where further developments (existing, proposed or anticipated) are not involved - the 25 year flood
- Along the Coast and Estuaries - the 200 year tide level
- Where streams open drains or other watercourses are being culverted - the minimum permissible culvert diameter is 900mm. (Access should be provided for maintenance as appropriate.)

[The application of higher design standards may be appropriate in certain cases where the level of risk and/or uncertainty warrant it e.g. hospitals or other emergency services, main roads, chemical plants, cultural repositories, areas of karst etc.]

7. A flood impact assessment and proposals for the storage or attenuation of run/off discharges (including foul drains) to ensure the development does not increase the flood risk in the relevant catchment must accompany applications for Planning Permission for development of areas exceeding 1 Hectare.

8. A certificate from a competent person that the development will not contribute to flooding within the relevant catchment must accompany applications for Planning Permission for development of areas of 1 Hectare or less.

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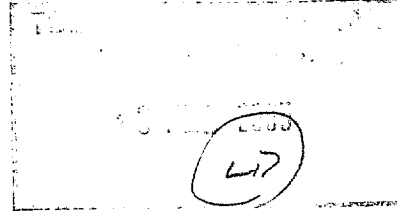


Eastern Regional Fisheries Board
Bord Iascaigh Réigiúnach an Oirthir



Fisheries Ireland
Our Natural Heritage

Lisa Dowling
TES Consulting Engineers,
Block 4B, Unit 5,
Blanchardstown Town Corporate Park,
Dublin 15.



Your Reference: NA
Our Reference: BB/DD/242

February 7th, 2005

Re: Proposed Kilshane Cross Recycling Park EIS.

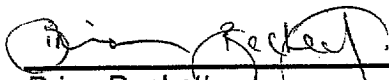
Dear Ms. Dowling,

In relation to your letter, dated January 31st 2005, please find the Board's comments outlined below:

- The proposed development is within the catchment of the Ward River, an important salmonid system. Streams from the proposed site drain into the Ward River around the Owens Bridge area.
- The Ward River is exceptional among rivers in the area in having resident salmon and sea trout populations, underlying the sensitivity of this particular watercourse and the Ward catchment in general. Electrofishing surveys carried out in September 2003 by the ERFB found a significant population of juvenile salmon in the lower reaches of the Ward around Swords. Sea trout have been found in the Ward upstream of Coolatrath Bridge in the Lower Ward area.
- It should be noted that any waste recycling activities proposed must not have a negative impact on the quality of surface waters and or salmonid habitats in the Ward catchment.
- Any discharges to the streams present on the site must not impact negatively on the salmonid status of the system.
- Any works directly affecting watercourses in the area must first be submitted to the Board for assessment.

Should you require any further assistance please do not hesitate to contact me.

Yours sincerely,


Brian Beckett
Fisheries Environmental Officer – Dublin District

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