



ENVIRONMENTAL IMPACT STATEMENT
FOR THE INTENSIFICATION & DEVELOPMENT
OF THE
AES LTD. WASTE MANAGEMENT FACILITY
AT
CAPPANCUR, TULLAMORE, CO. OFFALY
Volume 3 of 3 – Appendices

ORIGINAL

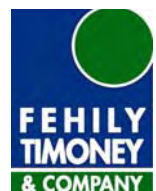
Prepared for:

Advanced Environmental Solutions (Ireland) Ltd
Unit 1 Monread Commercial Park
Monread Road
Naas
Co. Kildare

Prepared by:

Fehily Timoney & Co.
Core House
Pouladuff Road
Cork.

September 2008



For inspection purposes only.
Consent of copyright owner required for any other use.



ENVIRONMENTAL IMPACT STATEMENT
FOR THE INTENSIFICATION & DEVELOPMENT
OF THE
AES LTD. WASTE MANAGEMENT FACILITY
AT
CAPPANCUR, TULLAMORE, CO. OFFALY
Volume 3 of 3 – Appendices

COPY

Prepared for:

Advanced Environmental Solutions (Ireland) Ltd
Unit 1 Monread Commercial Park
Monread Road
Naas
Co. Kildare

Prepared by:

Fehily Timoney & Co.
Core House
Pouladuff Road
Cork.

September 2008



For inspection purposes only.
Consent of copyright owner required for any other use.

APPENDICES

- Appendix 1:** Consultation Letters Sent to Consultees
- Appendix 2:** Replies received to Consultation Letters
- Appendix 3:** Weighbridge data provided by AES Ireland Ltd. Cappancur
- Appendix 4:** Description of designated sites in the vicinity of AES Ltd. Cappancur

*For inspection purposes only.
Consent of copyright owner required for any other use.*

For inspection purposes only.
Consent of copyright owner required for any other use.

Appendix 1; Consultation Letters Sent to Consultees

For inspection purposes only.
Consent of copyright owner required for any other use.

For inspection purposes only.
Consent of copyright owner required for any other use.



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Secretary
Bus Eireann
Central Bus Station (Busaras)
Store St
Dublin 1

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6590467D


Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely



Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580467D



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Secretary
Department of Enterprise Trade and Employment
23, Kildare street
Dublin 2

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd...

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580487D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

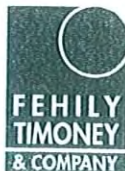
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:17



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Dr. Ronnie Creighton
 Minerals & Mining Industry
 Geological Survey of Ireland
 Beggars Bush
 Haddington Road
 Dublin 4

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Dr. Creighton

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
 Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
 Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE55904078





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6596467D



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Ms. Patricia Kelly
Environmental Section
Department of Agriculture and Food
Johnstown Castle Estate
Co. Wexford

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Ms. Kelly

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

Page 2

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE0680407D



The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton

for and on behalf of **Fehily Timoney & Company**

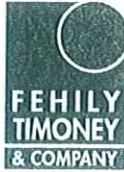
For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Ms. Ciara Maxwell
 Environmental Protection Agency
 McComiskey House
 Richview
 Clonskeagh Rd
 Dublin

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Ms. Maxwell

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd...

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
 Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580487D



ACCREDITED COMPANY





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

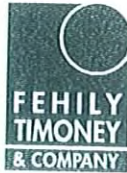
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:17



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Area Manager
Electricity Supply Board
Rahan Road
Tullamore
Co. Offaly

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE5590407D



Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland. Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:17



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Dr. Linda Patten
Divisional Ecologist
Department of Environment, Heritage and Local Government
The National Parks and Wildlife Service
4 Claremont Road
Sandymount
Dublin 4

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Dr. Patten

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6590407D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:17



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Mr. Donal Redington
 Tourism Development
 Department of Arts, Sport and Tourism
 Fossa
 Killarney
 Co. Kerry

28 April 2008

RE: **AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary**

Dear Mr. Redington

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
 Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork, M.T. Registration No. 1278888-0000





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Co. Cork, Ireland

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Secretary
Health and Safety Authority
The Metropolitan Building
James Joyce Square
Dublin 1

28 April 2008

RE: **AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary**

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd...

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580407D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6690467D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Secretary
 Health Service Executive
 Oak House
 Limetree Avenue
 Millennium Park
 Naas
 Co. Kildare

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
 Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE0500407D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork VAT Registration Number: IE6680407D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Dr. Stephen Newton
Senior Conservation Officer (Research & Surveys)
BirdWatch Ireland
Rockingham House
Newcastle
Co. Wicklow

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Dr. Newton

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580407D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMO

Mr. Conor McDermott
Engineering Services
Office of Public Works
51 St, Stephen's Green
Dublin 2

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. McDermott

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

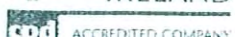
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland. Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6690467D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Ms. Una Nic Ghoille Choille
Department of Communications Energy and Natural Resources
Adelaide Road
Dublin 2

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Ms. Nic Ghoille Choille

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd...

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6680487D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Ms. Sarah Fields
Development Officer
Irish Wildlife Trust
Sigmund Business Centre
93A Lagan Road
Dublin Industrial Estate
Glasnevin
Dublin 11

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Ms. Fields

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580467D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6680467D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Secretary
Tullamore Town Council
Acres Hall
Cormac Street
Tullamore
Co. Offaly

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Sir/Madam

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE5590497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES
CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Mr Michael McCarthy
 Environmental Assessment Division
 Department of Environment, Heritage and Local Government
 Development Applications Unit
 The National Parks and Wildlife Service
 Dun Sceine
 Harcourt Lane
 Dublin 8

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. McCarthy

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
 Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

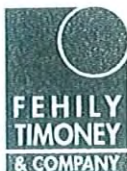
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Mr. Paddy Matthews
The National Heritage Council
Rothe House
Kilkenny

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. Mathews

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

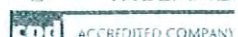
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D



EPA Export 26-07-2013 01:27:18



Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Mr. Ian Lumley
Heritage Officer
An Taisce
Tailors Hall
Backlane
Dublin 8

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. Lumley

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D





Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of Fehily Timoney & Company

For inspection purposes only.
Consent of copyright owner required for any other use.

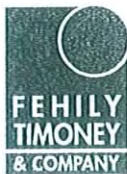
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



CONSULTANTS IN ENGINEERING & ENVIRONMENTAL SCIENCES

CORK DUBLIN

Our Ref: Q:CE08/628/01/Let005/DM/PMD

Mr. David McInerney
Southern Regional Fisheries Board
Angelsea Street
Clonmel
Co. Tipperary

28 April 2008

RE: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. McInerney

I am writing to notify you of the intention of Advanced Environmental Solutions (AES) (Ireland) Ltd. to submit a planning application to Offaly County Council in relation to intensification of waste transfer activities at their Tullamore facility. This planning application will also cover alterations to the facility boundary that will result from the compulsory acquisition of a portion of the facility lands for the N52 Tullamore bypass.

AES Ireland Ltd. has retained Fehily Timoney & Company (FTC) to prepare this planning application and accompanying environmental impact statement. FTC is also preparing the review of the existing facility waste licence. According to standard procedures for the environmental impact assessment process, FTC seeks any observations or concerns you may have regarding the proposed development.

The AES Tullamore facility is located at Cappincur Industrial Estate, Tullamore on the Daingean Road. The facility is currently licenced to accept 24,000 tonnes per year of waste. AES Ltd. propose to increase this capacity to approximately 50,000 tonnes per year. This increase in waste acceptance requires the submission of a planning application and accompanying environmental impact statement.

The N52 Tullamore bypass, construction of which is imminent, will run adjacent to the AES facility on the western side of the site boundary. As part of the new road design, a new entrance will be constructed for the facility. These changes to the existing site boundary and subsequent movement of administration buildings with the site boundary also require the submission of a planning application.

Cont'd....

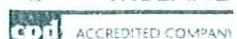
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497

Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D



EPA Export 26-07-2013 01:27:18



Page 2

The environmental impact statement to accompany the planning application will address the various aspects of the environment on which *the intensification of waste acceptance and the change to the site boundary* could have an impact. These impacts will include traffic, ecology, noise, landscape, cultural heritage, material assets, water, climate, etc.

This letter is being sent as part of the environmental impact assessment process. While your reply is not obligatory, it would be of benefit to us if you could send any comments relevant to your area of operation, for consideration in the environmental impact assessment.

We would be grateful if you could send your comments to the undersigned by Friday, 23 May 2008.

Yours sincerely

Mr. Derek Milton
for and on behalf of **Fehily Timoney & Company**

For inspection purposes only.
Consent of copyright owner required for any other use.

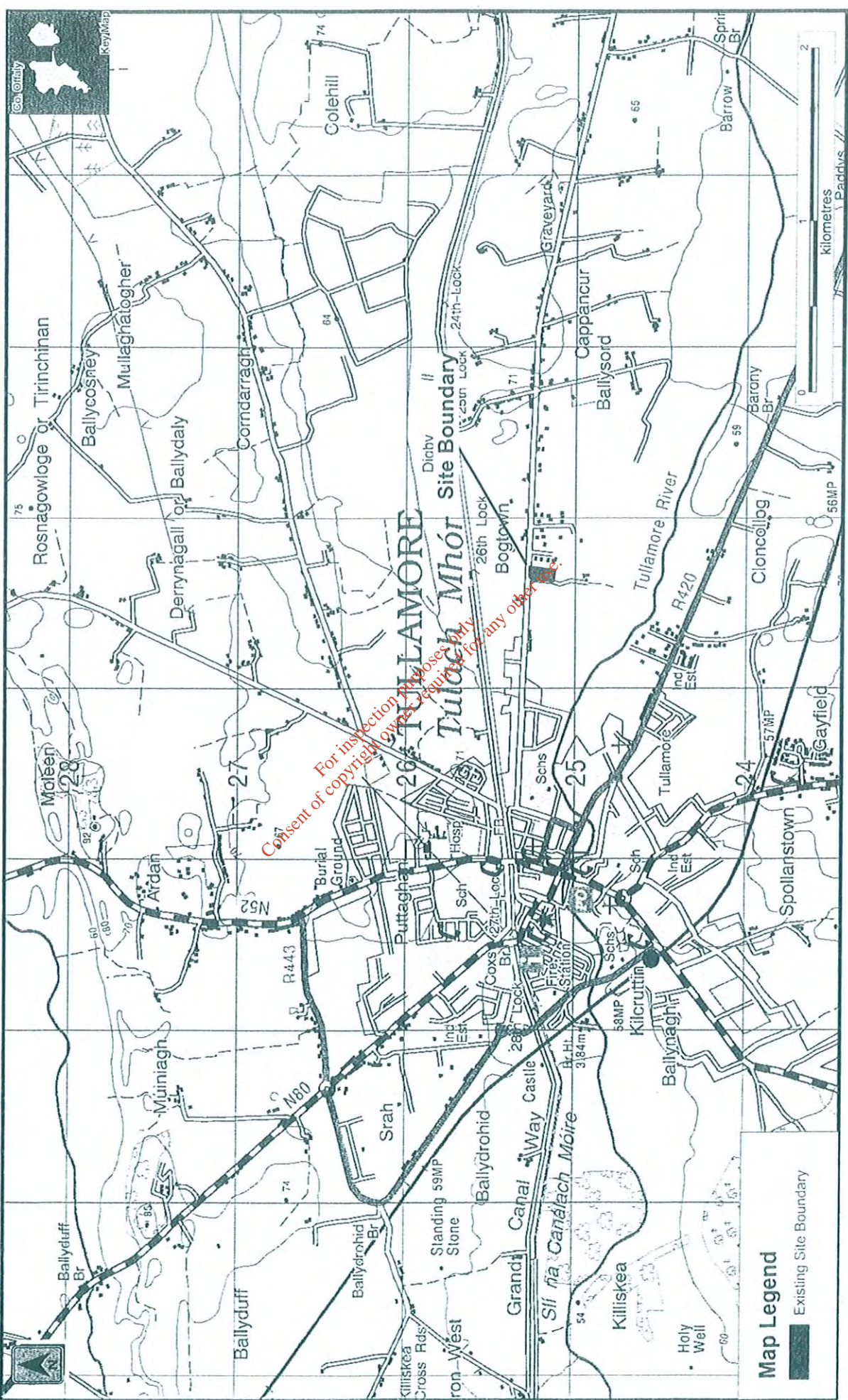
CORE HOUSE, POULADUFF ROAD, CORK, IRELAND

T: +353 21 4964133 F: + 353 21 4964464 E: info@ftco.ie W: www.fehilytimoney.ie

Directors: Eamon Timoney Declan O'Sullivan Gerry O'Sullivan Walter Quirke Oliver Tierney
Associates: Declan Egan Clodagh O'Donovan Adrian Duffy Bernadette Guinan
Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497
Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6580497D

EPA Export 26-07-2013:01:27:18



Fehily Timoney & Company

Site Location

Figure 1

For inspection purposes only.
Consent of copyright owner required for any other use.

Appendix 2: Replies received to Consultation Letters

For inspection purposes only.
Consent of copyright owner required for any other use.

For inspection purposes only.
Consent of copyright owner required for any other use.



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

Oifig an Aire • Office of the Minister

CE08-628-01

Our Ref: 080833/MIN

30th April, 2008

Mr Derek Milton
Fehily Timoney & Company
Core House
Pouladuff Road
County Cork

DATE	2008
REFERENCE NO:	12
COMMENT:	

Dear Mr Milton,

I wish to acknowledge receipt of your recent letter to the Minister for Enterprise, Trade and Employment, Mr Micheál Martin TD, regarding the intention to submit a planning application to Offaly County Council.

I will bring your correspondence to the Minister's attention at the earliest opportunity.

Yours sincerely,

BRIDGET FLYNN
PRIVATE SECRETARY

CE08-628-01

Suirbhéireacht Gheolaíochta Éireann
Tor an Bhacaigh
Bóthar Haddington
Baile Átha Cliath 4

Geological Survey of Ireland
Beggars Bush
Haddington Road
Dublin 4



FEHILY TIMONEY & Co.

Received by: AFM
 Date: 6 - MAY 2008
 Action:
 Distribution: 8 - MAY 2008
 Job No:
 Correspondence No: 25
 Comment:

Irish Geological Heritage Section
Tel: 01-6782837/Fax 01-6782559
Email: sarah.gatley@gsi.ie
http://www.gsi.ie

Derek Milton
Fehily Timoney & Company
Core House
Pouladuff Road
Cork

Your ref: Q:CE08/628/01/Let005/DMPMD

6th May 2008

Re: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Derek,

With reference to your letter of the 28th April 2008, concerning the above scheme, there are no geological heritage sites currently on our database that lie within or near the area.

For your information, the Geological Survey of Ireland (GSI) is in partnership with the National Parks and Wildlife Service (NPWS) of the Department of Environment, Heritage and Local Government to identify and select important geological and geomorphological sites throughout the country for designation as NHA (Natural Heritage Areas). This is being addressed under 16 different geological themes. For each theme a larger number of sites from which to make the NHA selection are being examined, in order to identify the most significant scientifically. Our criterion of designating the minimum number of sites to exemplify the theme means that many sites of national importance are not selected as the very best examples. However, a second tier of County Geological Sites (CGS) (as per the National Heritage Plan) means that many of these can be included in County Development Plans and receive a measure of recognition and protection through inclusion in the planning system. Please note that we are still in the process of finalizing these proposed sites.

Should development go ahead (all other factors considered), GSI would much appreciate a copy of reports detailing any site investigations carried out. The data would be added to GSI's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector.

GSI would also request notification of ground excavations, etc. undertaken that might provide good geological exposures for our examination. This would allow recording, fossil or rock sample collecting and gathering of new data in order to enhance our understanding of the area.

Should any significant bedrock cuttings be created, we would ask that they be designed to remain visible as rock exposure rather than covered with soil and vegetated.

Please note, that some maps/databases are available on the GSI website: www.gsi.ie, section "Online Mapping" or "Web Mapping", direct link: <http://www.gsi.ie/Mapping.htm>. Data available mainly concern Bedrock, Groundwater, Karst, Geotechnical boreholes, Mineral locations and quarry directory. The Geological Heritage data are in the process of being migrated to this website but won't be available before the end of 2008. So for any enquiry regarding geological heritage sites, please contact us directly.



Department of Arts, Sport and Tourism
AN ROINN EALAÍON, SPÓIRT AGUS TURASÓIREACHTA

CE08 - 628 - 01

12 May 2008

Mr. Derek Milton
Fehily Timoney & Company
Core House
Pouladuff Road
Cork

FEHILY TIMONEY & Co.	
Received by	AFM
Date	
Action	13 MAY 2008
Distributor	
Job No:	
Correspondence No:	6
Comment:	

Dear Mr. Milton

Re: AES (Ireland) Ltd.

I refer to your recent correspondence in relation to a planning application by AES (Ireland) Ltd. to Offaly County Council.

This Department's role in relation to tourism lies primarily in the area of national policy and does not engage in submissions regarding planning and development.

Fáilte Ireland has a statutory role in relation to planning and development. The Environment Section of Fáilte Ireland was established in 2005, to provide advice and guidance on the protection of sensitive and vulnerable environmental resources which are important for the continued growth of the industry. Through its activities in the planning process, identifying and promoting good environmental practice standards within the industry and working with national, regional and local authorities, the Environment Section aims to place the environment at the core of tourism policy and practice.

I have forwarded your correspondence to Fáilte Ireland, for the attention of Mr. Paddy Mathews, Environmental Officer.

Yours sincerely


Donal Reddington
Tourism Development Policy Unit
Tel: (064) 27382, Fax: (064)27350
E-mail: donalreddington@dast.gov.ie

Fossa, Killarney, Co. Kerry
Fosadh, Cill Airne, Co. Ciarraí
DX51022, Killarney
Lo-Call Telephone Service (if calling from outside (06) area) 1890-273000
Web: www.dast.gov.ie

Telephone: (064) 27300
Fax: (064) 27320
Email: webmaster@dast.gov.ie



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

CE08-628-01

Environmental Health Department
Community Services
Dublin Mid - Leinster
Health Centre
Arden Road
Tullamore
Co. Offaly
Tel: 057 - 9359550 Fax: 057 - 9359565

16th May 2008

Mr. Derek Milton,
Fehily Timoney & Company,
Core House,
Pouladuff Road,
Cork.

FEHILY TIMONEY & Co.	
Received by	DFM
Date	19 MAY 2008
Action	
Distributor	
Job No:	
Correspondence No:	17
Comment:	

Re: AES (Ireland) Limited - Intensification of waste acceptance and change to site boundary.

Dear Mr. Milton,

Your letter of 28th April last on the above matter refers. In preparation of the E.I.S for this proposed development you should comply with all relevant E.U. and National Regulations

Yours sincerely


Declan Mulhare
Principal Environmental Health Officer

Mr. Derek Milton
 Fehily, Timoney & Company
 Core House
 Pouladuff Road
 Cork

FEHILY TIMONEY & Co.	
Received by	DFM.
Date	
Action	
Distributor:	19 MAY 2008
Job No:	
Correspondence No:	22
Comment:	

Regional Inspectorate
 McCumiskey House, Richview,
 Clonskeagh Road, Dublin 14, Ireland

Cigireacht Réigiúnach, Teach Mhic Chumascaigh
 Dea-Radharc, Bóthar Cluain Sceach
 Baile Átha Cliath 14, Éire

T: +353 1 268 0100
 F: +353 1 268 0199
 E: info@epa.ie
 W: www.epa.ie

LoCall: 1890 33 55 99

15th May 2008

Reg. No. W0104-01

Dear Mr. Milton,

I refer to your correspondence of 28th April 2008 relating to the intensification of waste acceptance activities and change to site boundary at AES (Ireland) Limited.

I wish to confirm that a waste licence review pre-application meeting was held with Agency inspectors Ciara Maxwell and Aoife Loughnane on 30/01/2008 with Dr. John MacNamara, Senior Environmental Executive AES (Ireland) Limited. This meeting centred on the proposed review of waste licence W0104-01.

A second meeting between these Agency inspectors, Dr. John MacNamara and representatives of Fehily, Timoney & Company, Mr. Derek Milton and Ms Maeve English, was held on 29/04/2008. During the latter meeting, it was confirmed by the licensee that an EIS would be required by the planning authority and scoping discussion followed. Minutes of this meeting were forwarded by you on 30/04/2008. I have attached a copy of these minutes with changes where relevant.

Yours sincerely,



Ciara Maxwell
 Inspector
 Office of Climate, Licensing & Resource Use.





Mr. Derek Milton
 Fehily, Timoney & Company
 Core House
 Pouladuff Road
 Cork

23 May 2008

Your ref: Q:CE08/628/01/Let005/DM/PMD

FEHILY TIMONEY & Co.	
Received by	AEM
Date	
Action	
Distribution	27 MAY 2008
Job No:	
Correspondence No:	7
Comment:	

Re: AES (Ireland) Limited – Intensification of waste acceptance activities and change to site boundary.

Dear Mr. Milton,

I refer to your request dated 28th April, 2008 for observations from this Department concerning the above matter. I suggest that this firm consider the likely impact, if any, of the proposed changes at the Tullamore facility on agriculture/agricultural activities in the locality as part of the Environment Impact Assessment. Aspects that should be considered include the following:

- Impact on local water supplies (quality)
- Impact of increased traffic (safety)
- Impact of scavenging birds, vermin
- Impact of dust generated
- Impact of litter
- Odour impacts
- Impact of noise

For inspection purposes only
 Consent of copyright owner required for any other use

Yours sincerely,

Michael MacCarthy
 Environment Section

Johnstown Castle Estate,
 Co. Wexford, Ireland.

Eastát Chaisleán Bhaile Sheonach,
 Chontae Loch Garman, Éire.

CE08 -628-01



Engineering Services
17-19 Lower Hatch Street
Dublin 2

Seirbhísí Innealtóireachta
17-19 Sráid Haiste Íochtar
Baile Átha Cliath 2



OPW

The Office of Public Works
Oifig na nOibreacha Poiblí

Our Ref: 0593-2008

Your Ref: Q:CE08/628/01/Let005/DM

FENNY TIMONEY & Co.

Mr. Derek Milton,
Fehily Timoney Gifford,
Consulting Engineers,
Core House,
Pouladuff Road,
Cork.

Received by	DFM
Date	22 MAY 2008
Action	
Distributor	
Job No:	
Correspondence No:	28
Comment:	

Re: AES (IRELAND) Limited – Intensification of waste acceptance activities and change to site boundary

Dear Mr. Milton,

I refer to your correspondence dated 28th April 2008 in relation to the above matter.

The documentation submitted has been examined and this Office has no comments or observations to make in relation to this matter.

Yours sincerely,

Conor Mc Dermott
Conor McDermott
Engineering Services
20th May 2008

For inspection purposes only
Consent of copyright owner required for any other use



Derek Milton

From: Reception
Sent: 16 May 2008 09:00
To: Derek Milton
Subject: *ARC* FW: AES Tullamore FOA: Derek Milton
Follow Up Flag: Follow up
Flag Status: Green

FYI

Mary

From: Breda Maher [mailto:bmaher@offalycoco.ie]
Sent: 15 May 2008 16:55
To: Reception
Subject: AES Tullamore FOA: Derek Milton

Derek,

I'm away on annual leave this eve and wont be in the office for a while. I'm just taking this opportunity to respond to your letter dated 28th April 2008 that you sent to us regarding requirements that we may have for an EIS on the proposed development at AES in Tullamore.

Please be advised in the first instance that all requirements as set out in schedule 6 of the Planning and Development Regulations 2001-2007 must be complied with and each of the issues dealt with in detail. From a planning perspective the Planning Authority would like to see the following:

- All relevant Planning policies pertaining to the development from National Level to local level
- Full nature and extent of the development including all processes proposed on the site, hours of operation, no. of employees, no. of deliveries daily, type of waste, catchment area for waste collection etc.

From a Sanitary Services perspective.

- Foul sewerage – disposal via ETS all details should be included.
- Surface water – assessed and attenuated as green field run off rates
- Water – indicate where source of water is, if it is a Group Water Scheme, then a letter of consent will have to be included indicating that the scheme has adequate supply for the development.

To date I have had no other correspondence from other sections that your letter was sent to and my leave will mean that contact may be broken.

Apologies but I hope that this will be of some benefit to you

Regards
BM

28/08/2008

**Appendix 3; Weighbridge data provided by AES Ireland Ltd.
Cappancur**

For inspection purposes only.
Consent of copyright owner required for any other use.

For inspection purposes only.
Consent of copyright owner required for any other use.

Date	TIME	Vehicle Reg	Description	Weight (tonnes)
01/03/2008	08:12	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.42
01/03/2008	08:42	96WH2464	ATHLONE WASTE TFR STN	1.20
01/03/2008	09:12	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.40
01/03/2008	11:08	03WH3742	ATHLONE WASTE TFR STN	1.64
01/03/2008	11:09	03WH3742	ATHLONE WASTE TFR STN	1.76
03/03/2008	08:14	03WH3742	ATHLONE WASTE TFR STN	0.62
03/03/2008	08:20	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.98
03/03/2008	08:40	98MH427	RATIONAL WINDOWS	2.80
03/03/2008	08:42	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.52
03/03/2008	09:04	06MH5066	AES NAVAN INTERNAL	21.80
03/03/2008	09:25	06OY2266	BRIDGE CENTRE MANAGEMENT	0.98
03/03/2008	09:53	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.00
03/03/2008	09:54	03OY2999	OAKLANDS COMMUNITY COLLEGE	0.96
03/03/2008	11:32	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.10
03/03/2008	12:26	98MH427	ALDI STORES (IRL) LTD	3.62
03/03/2008	12:29	06OY2266	SENNHEISER IRELAND	0.14
03/03/2008	12:59	06KE9463	AES KYLETALISHA	15.44
03/03/2008	13:47	00WX2917	ATHLONE RECYCLING CENTRE	4.32
03/03/2008	14:20	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.64
03/03/2008	14:22	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.32
03/03/2008	14:23	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	8.02
03/03/2008	14:32	MISC	SPOLEN SALES LTD	0.04
03/03/2008	14:45	03OY2858	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.70
03/03/2008	14:56	03LS1624	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.18
03/03/2008	15:25	06OY2266	RESOURCE	0.86
03/03/2008	15:25	06OY2266	CONCRETE & QUARRY	0.94
03/03/2008	15:44	03OY2858	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.52
03/03/2008	15:50	04OY889	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.72
03/03/2008	16:02	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.46
03/03/2008	16:03	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.44
03/03/2008	16:24	03OY2952	KMK METALS	7.02
03/03/2008	16:29	03OY2999	LIAM DALY BUILDING CONTRACTOR	5.10
03/03/2008	16:40	05KE8589	AES KYLETALISHA	2.52
03/03/2008	16:57	07WX7682	AES NENAGH	11.72
04/03/2008	08:15	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.46
04/03/2008	08:27	98MH427	FLANCARE LIMITED	3.10
04/03/2008	09:00	04OY516	MCSHANE CONTRACTS	1.86
04/03/2008	09:40	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.60
04/03/2008	10:10	04OY516	LIAM DALY BUILDING CONTRACTOR	0.88
04/03/2008	10:26	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.98
04/03/2008	11:02	06TN1851	PRISMM LTD	6.68
04/03/2008	11:27	06OY2266	LIAM DALY BUILDING CONTRACTOR	4.62
04/03/2008	11:28	06OY2266	COENS HOLDINGS	0.34
04/03/2008	12:19	06OY2266	GLENMAN CORPORATION	10.48
04/03/2008	12:19	03OY2858	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.80
04/03/2008	12:31	98MH427	BOSTON SCIENTIFIC	4.54
04/03/2008	13:03	04OY889	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.58
04/03/2008	14:14	06OY2266	TULLAMORE CATHOLIC PARISH	1.24
04/03/2008	14:38	06MH5066	AES NAVAN INTERNAL	19.16
04/03/2008	15:15	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.36
04/03/2008	15:35	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.74
04/03/2008	15:37	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.62
04/03/2008	15:38	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.46
04/03/2008	15:52	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.32
04/03/2008	15:54	03LS1624	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.92
04/03/2008	17:26	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.66
05/03/2008	08:16	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	9.98
05/03/2008	08:17	97MH6408	GREEN ENERGY	3.92
05/03/2008	08:38	06MH5066	AES NAVAN INTERNAL	15.94
05/03/2008	08:49	03OY2999	ASCON	1.32
05/03/2008	10:13	97MH6408	GREEN ENERGY	4.16
05/03/2008	10:41	06OY2266	TYCO HEALTHCARE	0.98
05/03/2008	11:20	06OY2266	CONCRETE & QUARRY	2.16
05/03/2008	11:36	04OY889	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.46
05/03/2008	11:44	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	9.40
05/03/2008	11:53	06WX5016	AES NENAGH - INTERNAL ACCOUNT	10.04
05/03/2008	12:31	04OY516	GRANT ENGINEERING (IRELAND) LIMITED	3.76
05/03/2008	12:38	06OY2266	MULLINGAN BUILDERS (MIDLANDS) LTD	0.72
05/03/2008	12:44	98D59364	AES NENAGH	9.78
05/03/2008	12:56	98MH427	D & J.P MANNING CONSTRUCTION LTD	2.28
05/03/2008	13:22	06OY2266	SENNHEISER IRELAND	0.84
05/03/2008	14:37	06OY2266	SENNHEISER IRELAND	0.18
05/03/2008	14:46	04KK3910	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.16
05/03/2008	14:49	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.40
05/03/2008	14:54	05KE6028	AES PORTLAOISE	2.56

For information purposes only.
Consent of Copyright Owners required for any other use.

05/03/2008	15:16	MISC	THOMAS O'CONNELL	0.34
05/03/2008	15:17	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.50
05/03/2008	15:36	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.40
05/03/2008	15:37	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.28
05/03/2008	15:55	97WH514	NEXANS IRELAND LTD.	4.96
05/03/2008	15:56	97WH514	KMK METALS	4.40
05/03/2008	16:01	03OY2999	MCGILL CONSTRUCTION	3.04
05/03/2008	16:36	04OY516	GRANT ENGINEERING (IRELAND) LIMITED	1.54
05/03/2008	16:36	03OY2999	MCGILL CONSTRUCTION	1.60
05/03/2008	16:58	03OY2858	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.44
05/03/2008	17:13	06OY2266	A MANNION STRUCTURAL ENGINEERS LTD	2.20
05/03/2008	17:17	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.06
05/03/2008	17:25	06KE9463	AES KYLETALISHA	15.68
06/03/2008	08:11	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.60
06/03/2008	08:12	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.88
06/03/2008	08:17	02MH8558	AES NAVAN INTERNAL	16.68
06/03/2008	08:20	97MH6408	GREEN ENERGY	3.38
06/03/2008	08:34	03OY2952	ATHLONE RECYCLING CENTRE	9.70
06/03/2008	08:43	03OY2999	OFFALY CO CO (EDENDERRY)	1.11
06/03/2008	10:06	MISC	M. DEWANE	0.18
06/03/2008	10:42	99OY827	JOHN SISK & SON LTD	2.02
06/03/2008	10:58	03LS1624	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.38
06/03/2008	11:01	06OY2266	HOLTS BUILDERS PROVIDERS	1.38
06/03/2008	11:23	94LH841	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.70
06/03/2008	11:59	99OY827	TULLAMORE GENERAL HOSPITAL	0.90
06/03/2008	12:16	00WX2917	ATHLONE LABORATORIES	3.80
06/03/2008	12:29	04MH6103	ALLIED WASTE MANAGEMENT	3.52
06/03/2008	12:54	06OY2266	PEAK TECHNOLOGIES	2.10
06/03/2008	12:59	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.74
06/03/2008	13:09	04KK3910	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.14
06/03/2008	14:07	06OY2266	GLEN WOOD TULLAMORE	1.74
06/03/2008	14:20	04MH6103	ALLIED WASTE MANAGEMENT	8.74
06/03/2008	14:55	03OY2999	MCSHANE CONTRACTS	6.42
06/03/2008	15:20	04OY889	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.36
06/03/2008	15:34	07OY3138	KMK METALS	1.90
06/03/2008	15:49	06OY2266	TEXAS DISCOUNT WAREHOUSE CLUB	2.40
06/03/2008	16:00	97MH6408	GREEN ENERGY	4.44
06/03/2008	16:00	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.16
06/03/2008	16:02	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.50
06/03/2008	16:03	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.40
06/03/2008	16:04	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.00
06/03/2008	16:04	00WX2917	ATHLONE RECYCLING CENTRE	1.56
06/03/2008	16:06	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.30
06/03/2008	16:56	06OY2266	SENNHEISER IRELAND	0.06
07/03/2008	08:06	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.14
07/03/2008	08:21	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.44
07/03/2008	08:47	06MH5066	AES NAVAN INTERNAL	16.76
07/03/2008	08:49	06OY2266	BRIDGE CENTRE MANAGEMENT	1.76
07/03/2008	09:00	03OY2999	GLENMAN CORPORATION	4.22
07/03/2008	10:24	98MH427	TYCO HEALTHCARE	4.44
07/03/2008	11:31	03OY2999	LIAM DALY BUILDING CONTRACTOR	0.76
07/03/2008	12:28	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.54
07/03/2008	12:34	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.96
07/03/2008	12:45	03LS1624	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.58
07/03/2008	13:06	06OY2266	GLEN WOOD TULLAMORE	1.24
07/03/2008	13:07	06OY2266	TH CONTRACTORS	0.86
07/03/2008	13:10	98MH427	TYCO HEALTHCARE	4.60
07/03/2008	13:21	03OY2999	RATIONAL WINDOWS	3.96
07/03/2008	14:14	00KK5948	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.74
07/03/2008	14:47	06OY2266	SENNHEISER IRELAND	1.60
07/03/2008	14:51	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	8.02
07/03/2008	15:03	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.88
07/03/2008	15:29	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.60
07/03/2008	15:30	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.40
07/03/2008	15:37	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.42
07/03/2008	16:08	06KE9463	AES KYLETALISHA	11.30
07/03/2008	16:48	06WX5016	AES PORTLAOISE	9.00
07/03/2008	16:57	98MH427	D & J.P MANNING CONSTRUCTION LTD	6.06
08/03/2008	08:05	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.88
08/03/2008	08:12	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.40
08/03/2008	08:22	06MH5066	AES NAVAN INTERNAL	18.74
08/03/2008	10:48	03OY2999	EDEN DEVELOPMENTS	3.50
08/03/2008	10:48	03OY2999	J MANNING & SON (DUBLIN) LIMITED	3.88
08/03/2008	12:06	06TN1851	PRISMM LTD	11.74
10/03/2008	08:12	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.14
10/03/2008	08:51	06WX5016	AES NENAGH - INTERNAL ACCOUNT	12.86

10/03/2008	08:56	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.94
10/03/2008	09:19	06OY2266	BRIDGE CENTRE MANAGEMENT	1.16
10/03/2008	09:34	03OY2999	ASCON	1.12
10/03/2008	10:07	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.98
10/03/2008	10:32	06OY2266	BRIDGE CENTRE MANAGEMENT	1.40
10/03/2008	11:13	00WX2917	ASCON	3.52
10/03/2008	11:18	06OY2266	TYCO HEALTHCARE	0.80
10/03/2008	11:31	98MH427	JOE GROGAN CONSTRUCTION LTD.	6.16
10/03/2008	12:26	MISC	M. DEWANE	0.08
10/03/2008	12:32	04OY516	KIERNAN O'CONNOR CONSTRUCTION LTD	1.90
10/03/2008	12:36	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.44
10/03/2008	12:38	03OY2952	MULLINGAR CIVIC AMENITY SITE	7.34
10/03/2008	12:39	06OY2266	ASCON	1.18
10/03/2008	13:00	03OY2952	MULLINGAR CIVIC AMENITY SITE	2.76
10/03/2008	13:09	06OY2266	DUNNE & MC DONALD	0.86
10/03/2008	13:10	MISC	CLONMORE SAW MILLS	16.06
10/03/2008	14:07	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.60
10/03/2008	14:54	MISC	AES INTERNAL CUSTOMER - ATHLONE	0.08
10/03/2008	15:06	98MH427	TULLAMORE GENERAL HOSPITAL	3.70
10/03/2008	15:27	06OY2266	TULLAMORE NISSAN	1.24
10/03/2008	15:28	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.66
10/03/2008	15:29	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.25
10/03/2008	15:31	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.35
10/03/2008	15:32	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.20
10/03/2008	15:44	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.32
10/03/2008	15:46	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.22
10/03/2008	15:50	04OY516	ROMA QUIP	2.30
10/03/2008	16:16	06OY2266	GILBERT ASH LTD	7.64
10/03/2008	16:24	04KK3910	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.40
10/03/2008	16:39	00KK5948	AES TULLAMORE INTERNAL TIPPING ACCOUNT	9.96
10/03/2008	16:40	06OY2266	GILBERT ASH LTD	0.62
10/03/2008	17:06	MISC	John Galvin	0.36
10/03/2008	17:28	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	18.26
11/03/2008	08:27	03OY2952	TREND TECHNOLOGIES MULLINGAR LTD	3.92
11/03/2008	08:32	03OY2952	MULLINGAR CIVIC AMENITY SITE	3.10
11/03/2008	08:36	07OY3138	KMK METALS	4.68
11/03/2008	09:28	MISC	MC GREALS DEPARTMENT STORE	0.36
11/03/2008	09:42	MISC	DUFFY & SCOTT	0.78
11/03/2008	09:43	MISC	OISIN O SULLIVAN	0.46
11/03/2008	09:52	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.70
11/03/2008	10:03	MISC	M. DEWANE	0.08
11/03/2008	10:32	06OY2266	MCGILL CONSTRUCTION	1.20
11/03/2008	11:47	98MH427	WALSH BROS	3.24
11/03/2008	12:01	06TN1851	PRISMM LTD	0.80
11/03/2008	12:01	06TN1851	PRISMM LTD	6.52
11/03/2008	12:03	06OY2266	GLENMAN CORPORATION	5.28
11/03/2008	14:14	06OY2266	SENNHEISER IRELAND	0.16
11/03/2008	14:16	06OY2266	LIAM DALY BUILDING CONTRACTOR	1.98
11/03/2008	14:36	06MH5066	AES NAVAN INTERNAL	15.16
11/03/2008	14:37	06MH5066	AES NAVAN INTERNAL	3.00
11/03/2008	14:41	MISC	John Galvin	0.40
11/03/2008	15:01	00KK5948	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.38
11/03/2008	15:01	04OY516	BIRR TOWN COUNCIL	3.74
11/03/2008	15:08	07WX7682	AES NENAGH	12.62
11/03/2008	15:32	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.38
11/03/2008	15:33	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.42
11/03/2008	16:21	03OY2858	AES TULLAMORE INTERNAL TIPPING ACCOUNT	14.04
11/03/2008	16:23	06OY2266	TULLAMORE UDC	0.72
11/03/2008	16:25	06KE9463	AES KYLETALISHA	17.04
11/03/2008	17:17	05KE8589	AES KYLETALISHA	16.16
11/03/2008	17:33	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.32
11/03/2008	17:34	06OY2266	TULLAMORE UDC	0.62
12/03/2008	08:32	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	8.54
12/03/2008	08:53	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.46
12/03/2008	08:54	98MH427	PANDA WASTE	1.68
12/03/2008	09:34	03OY2952	ATHLONE RECYCLING CENTRE	1.34
12/03/2008	10:49	07WX5325	AES NENAGH	16.88
12/03/2008	10:56	04OY516	P.J.F. DISTRIBUTIONS LTD	1.30
12/03/2008	11:18	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.28
12/03/2008	11:22	98MH427	RATIONAL WINDOWS	3.04
12/03/2008	11:33	02MH8558	AES NAVAN INTERNAL	18.62
12/03/2008	11:53	06OY2266	ASCON	1.14
12/03/2008	11:54	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.70
12/03/2008	11:56	MISC	MIDLAND BANDAGES	0.20
12/03/2008	12:06	MISC	John Galvin	0.46
12/03/2008	13:08	05KE8589	AES KYLETALISHA	7.96

For inspection purposes only. Consent of copyright owner required for any reuse.

12/03/2008	13:27	03OY2952	ATHLONE RECYCLING CENTRE	2.26
12/03/2008	13:38	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.23
12/03/2008	13:40	06KE9463	AES KYLETALISHA	8.28
12/03/2008	14:00	04OY516	GILBERT ASH LTD	0.90
12/03/2008	14:49	07WX5325	AES NENAGH	16.18
12/03/2008	15:27	05KE8589	AES KYLETALISHA	6.12
12/03/2008	15:43	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.96
12/03/2008	15:44	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.08
12/03/2008	15:47	03OY2952	KMK METALS	4.10
12/03/2008	16:02	MISC	KNIGHTS LONDIS (Clara)	0.10
12/03/2008	16:29	03OY2952	ATHLONE RECYCLING CENTRE	1.96
12/03/2008	16:35	00KK5948	AES TULLAMORE INTERNAL TIPPING ACCOUNT	11.46
12/03/2008	17:30	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.14
13/03/2008	08:05	07WX5325	AES NENAGH	13.14
13/03/2008	08:13	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	4.60
13/03/2008	09:19	02MH8558	AES NAVAN INTERNAL	20.68
13/03/2008	10:18	00WX2917	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.96
13/03/2008	10:20	MISC	M. DEWANE	0.30
13/03/2008	10:38	MISC	John Galvin	0.58
13/03/2008	10:48	98MH427	JOHN SISK & SON LTD	3.06
13/03/2008	10:49	98MH427	AES TULLAMORE INTERNAL TIPPING ACCOUNT	0.96
13/03/2008	11:09	05KE8589	AES KYLETALISHA	13.74
13/03/2008	11:54	06OY2266	MARTIN MURRAY	2.56
13/03/2008	12:22	04OY516	GRANT ENGINEERING (IRELAND) LIMITED	1.92
13/03/2008	12:33	97MH6408	GREEN ENERGY	3.56
13/03/2008	12:35	06OY2266	SENNHEISER IRELAND	0.18
13/03/2008	12:46	06OY2266	TYCO HEALTHCARE	1.04
13/03/2008	13:05	06OY2266	SENNHEISER IRELAND	0.78
13/03/2008	13:18	06OY2266	GER KILLALLY DEVELOPMENT GROUP	1.02
13/03/2008	13:55	04OY516	HIRE DEPOT	1.56
13/03/2008	15:24	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	6.94
13/03/2008	15:32	MISC	John Galvin	0.82
13/03/2008	15:59	98MH427	TYCO HEALTHCARE	4.20
13/03/2008	16:02	04OY516	GRENNANS (RATH)	0.24
13/03/2008	17:00	06OY2266	CONCRETE & QUARRY	1.38
13/03/2008	17:03	06KE9463	AES KYLETALISHA	16.24
13/03/2008	17:38	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.60
13/03/2008	17:39	03OY2999	MARTIN MURRAY	5.12
14/03/2008	08:07	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.18
14/03/2008	09:22	06OY2266	BRIDGE CENTRE MANAGEMENT	1.78
14/03/2008	09:25	98OY3043	TYCO HEALTHCARE	3.62
14/03/2008	10:23	98D59364	AES NENAGH	10.26
14/03/2008	10:39	02MH8558	AES NAVAN INTERNAL	17.76
14/03/2008	11:44	MISC	KNIGHTS LONDIS (Clara)	0.06
14/03/2008	12:51	04OY516	COENS HOLDINGS	1.04
14/03/2008	13:05	07WX5325	AES NENAGH	16.90
14/03/2008	13:12	MISC	JETPRINT	0.42
14/03/2008	13:24	00WX2917	TREND TECHNOLOGIES MULLINGAR LTD	5.60
14/03/2008	13:41	07WX7682	AES PORTLAOISE	15.26
14/03/2008	13:41	03KE6955	AES TULLAMORE INTERNAL TIPPING ACCOUNT	8.60
14/03/2008	14:19	MISC	BRETLAND CONSTRUCTION	0.06
14/03/2008	14:35	MISC	BRETLAND CONSTRUCTION	0.22
14/03/2008	15:41	MISC	John Galvin	0.32
14/03/2008	15:42	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	8.96
14/03/2008	15:56	97OY3115	AES TULLAMORE INTERNAL TIPPING ACCOUNT	7.04
14/03/2008	16:13	06KE9463	AES KYLETALISHA	14.74
14/03/2008	16:35	03OY2999	KINTEX LTD	1.70
14/03/2008	17:01	03OY2952	LAKEPOINT MGT CO LTD	4.18
14/03/2008	17:10	04OY516	COENS HOLDINGS	0.66
14/03/2008	17:23	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.50
14/03/2008	17:30	07WX5325	AES NENAGH	16.78
15/03/2008	08:12	03KE5476	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.98
15/03/2008	08:15	06TN1851	AES TULLAMORE INTERNAL TIPPING ACCOUNT	5.02
15/03/2008	08:53	02KE8643	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.62
15/03/2008	09:13	02MH8558	AES NAVAN INTERNAL	22.20
15/03/2008	10:01	04OY516	HIRE DEPOT	1.56
15/03/2008	10:02	MISC	M. DEWANE	0.12
15/03/2008	10:02	04OY889	AES TULLAMORE INTERNAL TIPPING ACCOUNT	2.14
15/03/2008	10:03	06OY2266	CARROLL CUISINE	0.74
15/03/2008	10:09	01D70567	AES TULLAMORE INTERNAL TIPPING ACCOUNT	1.66
15/03/2008	10:51	04KK3910	AES TULLAMORE INTERNAL TIPPING ACCOUNT	3.14
15/03/2008	11:55	03OY2999	CASH SALES A/C TULLAMORE	1.40
Grand Total	299 Loads			1362.28

For inspection purposes only.
Consent of copyright owner required for any other use.

**Appendix 4; Description of designated sites in the vicinity of AES Ltd
Cappancur**

For inspection purposes only.
Consent of copyright owner required for any other use.

For inspection purposes only.
Consent of copyright owner required for any other use.

Designated Sites within 10 kilometres of AES Ltd. Cappancur

SITE NAME: CHARLEVILLE WOOD

SITE CODE: 000571

Charleville Wood is a large Oak woodland surrounded by estate parkland and agricultural grassland located about 3 km south-west of Tullamore. The site, which is underlain by deep glacial deposits, includes a small lake with a wooded island, and a stream runs along the western perimeter. The woodland is considered to be one of very few ancient woodlands remaining in Ireland, with some parts undisturbed for at least 200 years.

Some 10% of the woodland has been underplanted with conifers and other exotic trees, but the rest of the area is dominated by Pedunculate Oak (*Quercus robur*). Apart from Oak, there is much Ash (*Fraxinus excelsior*) and scattered Wych Elm (*Ulmus glabra*), while Birch (*Betula* spp.) is a feature of the boggy margins. The shrub layer is composed largely of Hazel (*Corylus avellana*), Hawthorn (*Crataegus monogyna*) and Blackthorn (*Prunus spinosa*). The ground layer is varied, including damp flushed slopes with Ramsons (*Allium ursinum*) and drier, more open areas with a moss sward composed largely of *Rhytidiadelphus triquetris*. The fungal flora of the woodland is notable for the presence of several rare Myxomycete species, namely *Hemitrichia calyculata*, *Perichaena depressa*, *Amaurochaete atra*, *Collaria arcyrionema*, *Stemonitis nigrescens* and *Diderma deplanata*. A number of unusual insects have also been recorded in Charleville Wood, notably *Mycetobia obscura* (Diptera), a species known from only one other site in Ireland. The site is also notable for the presence of a large population of the rare snail species, *Vertigo moulinsiana*.

Extensive swamps of Bulrush (*Typha latifolia*) and Bottle Sedge (*Carex rostrata*) have developed in the lake shallows. The lake is an important wildfowl habitat - it supports populations of Mute and Whooper Swan and a number of duck species, including Teal, Wigeon, Shoveler, Pochard and Tufted Duck. The wooded island at its centre is famed for its long history of non-disturbance. Hazel, Spindle (*Euonymus europaeus*) and Ivy (*Hedera helix*) reach remarkable sizes here.

Charleville Wood is one of the most important ancient woodland sites in Ireland. The woodland has a varied age structure and is relatively intact with both areas of closed canopy and open areas with regenerating saplings present. The understorey and ground layers are also well represented. Old Oak woodland is a habitat listed on Annex I of the EU Habitats Directive, while the rare snail species, *Vertigo moulinsiana*, is listed on Annex II of this directive. The wetland areas, with their associated bird populations, the rare insect and Myxomycete species contribute further to the conservation significance of the site.

SITE NAME: GRAND CANAL

SITE CODE: 002104

The Grand Canal is a man-made waterway linking the River Liffey at Dublin with the Shannon at Shannon Harbour and the Barrow at Athy. The Grand Canal Natural Heritage Area (NHA) comprises the canal channel and the banks on either side of it. The canal system is made up of a number of branches - the Main Line from Dublin to the Shannon, the Barrow Line from Lowtown to Athy, the Edenderry Branch, the Naas and Corbally Branch and the Milltown Feeder. The Kilbeggan Branch is dry at present, but it is hoped to restore it in the near future. Water is fed into the summit level of the canal at Lowtown from Pollardstown Fen, itself an NHA.

A number of different habitats are found within the canal boundaries - hedgerow, tall herbs, calcareous grassland, reed fringe, open water, scrub and woodland.

The hedgerow, although diverse, is dominated by Hawthorn (*Crataegus monogyna*). On the limestone soils of the midlands Spindle (*Euonymus europaeus*) and Guelder-rose (*Viburnum opulus*) are present.

The vegetation of the towpath is usually dominated by grass species. Where the canal was built through a bog, soil (usually calcareous) was brought in to make the banks. The contrast between the calcicolous species of the towpath and the calcifuge species of the bog is very striking. The diversity of the water channel is particularly high in the eastern section of the Main Line - between the Summit level at Lowtown and Inchicore. Arrowhead (*Sagittaria sagittifolia*) and Watercress (*Nasturtium officinale*) are more common in this stretch than on the rest of the system. All sites for Hemlock Water-dropwort (*Oenanthe crocata*) on the Grand Canal system are within this stretch.

The aquatic flora of the Corbally Extension of the Naas Branch of the canal is also very diverse, with a similar range of species to the eastern Main Line.

Otter spraints are found along the towpath, particularly where the canal passes over a river or stream.

The Common Newt breeds in the ponds on the bank at Gollierstown in Co. Dublin.

The Rare and legally protected Opposite-leaved Pondweed (*Groenlandia densa*) (Flora Protection Order 1987) is present at a number of sites in the eastern section of the Main Line, between Lowtown and Ringsend Basin in Dublin.

The ecological value of the canal lies more in the diversity of species it supports along its linear habitats than in the presence of rare species. It crosses through agricultural land and therefore provides a refuge for species threatened by modern farming methods.

SITE NAME: DAINGEAN BOG NHA

SITE CODE: 002033

Daingean Bog NHA is located approximately 3 km south-west of Daingean in the townlands of Knockballyboy, Townparks and Clonad in eastern Co. Offaly. The site comprises a raised bog that includes both areas of high bog and cutover bog. The northern and southern margins of the site are bounded by roads, and agricultural fields form most of the boundaries at the east and west of the site.

The site consists of two main lobes. The northern lobe is much larger than the southern one and forms the majority of the high bog in the site. The lobes are separated by a drain running through a narrow, low-lying section between them. The cutover areas surrounding the site have, for the most part, been reclaimed for agriculture. The bog is of particular interest as it is one of the most easterly remaining raised bogs in the country.

Much of the high bog vegetation is typical of the Midland Raised Bog type, consisting of Ling Heather (*Calluna vulgaris*), Cross-leaved Heath (*Erica tetralix*), White Beak-sedge (*Rhynchospora alba*) and bog mosses (*Sphagnum* spp.). Other plants include Bog-myrtle (*Myrica gale*), Bog Asphodel (*Narthecium ossifragum*), Bog-rosemary (*Andromeda polifolia*) and Deergrass (*Scirpus cespitosus*). The bog moss cover is low and consists mainly of species such as *Sphagnum capillifolium* and *S. papillosum*. On the cutover, some areas have been colonised by Gorse (*Ulex* spp.) and Birch (*Betula pubescens*). The Common Spotted-orchid (*Dactylorhiza fuchsii*) can be found beside some pools on the cutover. These pools are vegetated by Bogbean (*Menyanthes trifoliata*), Bottle Sedge (*Carex rostrata*) and the bog moss *Sphagnum papillosum*. The drained low-lying section of the southern lobe is dominated by Gorse and Willow (*Salix* spp.), with a ground flora including Purple Moor-grass (*Molinia caerulea*), Bramble (*Rubus fruticosus* agg.), Bog-myrtle (*Myrica gale*), Silverweed (*Potentilla anserina*), Meadowsweet (*Filipendula ulmaria*) and Yorkshire-fog (*Holcus lanatus*).

The site is host to a population of Irish Hare, a species listed in the Irish Red Data Book.

Current landuse on the site consists of a small coniferous plantation on cutover at the south-easterly margin of the high bog. Most of the cutover areas around the bog have been reclaimed for agriculture. Drainage associated with these activities and with old areas of peat-cutting, are severely drying out the bog, and have resulted in loss of habitat and damage to the hydrological status of the site, and pose a continuing threat to its viability.

Daingean Bog NHA is a site of considerable conservation significance comprising as it does a raised bog, a rare habitat in the E.U. and one that is becoming increasingly scarce and under threat in Ireland. It is especially important because of its eastern location, at the extreme of the range of raised bogs in Ireland. Ireland has a high proportion of the total E.U. resource of raised bog (over 50%) and so has a special responsibility for its conservation at an international level.

SITE NAME: MURPHY'S BRIDGE ESKER

SITE CODE: 001775

This elongated gravel ridge is a feature of glaciation. It was formed under the ice mass which covered the Irish Midlands during the last "Ice Age". The ridge runs in a northeast/southwest direction, and is bisected by the Grand Canal approximately 7km northeast of Tullamore. The site is contiguous with Rahugh Esker (Site No.).

The land cuts through the esker, just north of Murphy's Bridge. In this area, exposed gravel slopes support patches of dry calcareous grassland vegetation which is remarkably species-rich. Yellow-wort (*Blackstonia perfoliata*), Carlina Thistle (*Carlina vulgaris*), Burnet-saxifrage (*Pimpinella saxifraga*), Weld (*Reseda luteola*), Golden Rod (*Solidago virgaurea*), Field Scabious (*Knautia arvensis*) and Crested Hair-grass (*Koeleria macrantha*) are among the plants which occur here. Two aromatic herbs also occur, wild i.e. Marjoram (*Origanum vulgare*) and Wild Thyme (*Thymus praecox*). Irish Whitebeam (*Sorbus hibernica*) bushes are scattered on the open slopes. This species occurs only occasionally throughout the country but mostly in the Midlands.

Elsewhere, the esker supports broadleaved woodland, while in some places this has been cleared for pasture. These habitats require further examination/survey.

The rare and legally protected Hemp Nettle (*Galeopsis angustifolia*) (Flora Protection Order, 1987) has recently been recorded in this site. This species grows on eskers in arable fields and in waste places. It has been recorded at only 7 sites in 4 counties in the Republic since 1970. Another rare plant, Blue Fleabane (*Erigeron acer*) grows on this site with Hemp Nettle. This plant favours calcium-rich substrates and is found on eskers, dry grassland, sandy pastures and walls. It is listed in the Red Data Book and is considered threatened in Ireland.

The majority of Irish eskers are exploited for their sand and gravel deposits. Quarrying results in the removal or destruction of esker habitats and threatens the survival of the plants which grow there. Application of fertilizer and/or herbicide to improve esker grasslands for agricultural use is a common practice. This activity leads to removal of the semi-natural vegetation and has been deemed a major factor in the decline of a range of plant species now rare in Ireland. Removal of timber leads to the depletion of esker woodlands, while over-grazing by sheep/cattle can prevent tree regeneration and cause damage to grassland vegetation. Just east of the canal at this stage, the gravel slopes are used for motorbike scrambling. This maintains the open, loose-gravel slopes which seem to be attractive to many plants, although over-use of the slopes could cause damage. This particular area is owned by OPW and there is the potential for developing a management strategy which is compatible with the conservation of the habitat.

Intact eskers are increasingly rare in Ireland. This site remains a good example of its type and has a range of habitats present. Of particular interest is its rich calcicole flora on exposed gravel slopes, which includes two rare species, one of which is protected by law.

SITE NAME: RAHUGH RIDGE (KILTOBER ESKER)

SITE CODE: 000918

Known to some as Rahugh Ridge and others as Kiltober Ridge, this proposed Natural Heritage Area starts about 9km north east of Tullamore and runs for about 2.5km in a north easterly direction. It is a particularly fine esker ridge covered for almost its entire length in woodland. There has been some quarrying of gravel in the past.

The dominant species are ash and hazel, the community almost certainly falling into the Corylo-Froxinetum association. The wood is exceptionally rich in species with several uncommon or rare species: Dogwood (*Cornus sanguineus*), Columbine (*Aquilegia vulgaris*), Purging Buckthorn (*Rhamnus catharticus*), Stone Bramble (*Rubus saxatilis*), Whitebeam (*Sorbus hibernica*), Wood Melick (*Melica uniflora*). It is particularly unusual to find these species growing together.

Quercus robur occurs in small amounts throughout the wood but evidence from old stumps indicates that it was probably at one time more common. A certain amount of felling has clearly occurred throughout the wood and some areas have been clear-felled to create small fields although some of these have subsequently been abandoned. In these old fields and around the quarries rabbit grazing maintains patches of scrubby grassland.

At the south western end there are a number of small fields between the foot of the slope and the Silver River. These are subject to flooding and make an interesting contrast with the dry esker slopes.

Gravel extraction is by no means advocated as a suitable management for the site, but of the small existing pits that have been allowed to become recolonised, the southernmost now has a colony of a nationally rare and protected Hemp nettle (*Galeopsis agustifolia*).

For inspection purposes only.
Consent of copyright owner required for any other use.

SITE NAME: ARDAN WOOD

SITE CODE: 001711

Ardan Wood is crescent shaped woodland on a steep slope, about 5km west of Kilbeggan, forming the edge to a broader kame deposit of glacial drift than the normal eskers. It is wooded mostly by large oaks (*Quercus robur*) with a mixed and varied ground flora. Shrubs include holly, hazel, *Euonymus europaea* (spindle tree), brambles (*Rubus fruticosus* agg.) and roses (*Rosa canina* & *R. arvensis*).

Epiphytic mosses and lichens occur frequently and there is also a good fungal flora.

Evaluation:

Though these trees were probably planted the community appears little different from a natural wood.

It is a valuable demonstration of the natural climax forest type that the other esker vegetation is approaching; and forms an important part of the series of woodlands in the east of the country.

Oak trees are renowned for the abundance of the invertebrate and lower plant communities' associated with them. They are instructive examples of the complexity and interrelations in the ecosystem and are particularly valuable in this case, of their size.

This wood is likely to house nesting sparrowhawks, and long-eared owls.

For inspection purposes only
Consent of copyright owner required for any other use

SITE NAME: DERRYGOLAN ESKER

SITE CODE: 000896

On top of an esker near Derrygolan, County Westmeath, a nationally important population of the rare Green Winged Orchid (*Orchis morio*) is thriving. Although this plant has declined dramatically throughout the country in recent times, this site contains one of the largest known populations of this legally protected species.

This site is also of conservation importance because it is one of the few remaining examples of an unexploited esker, a habitat which is becoming increasingly rare due to the extraction of glacial sands and gravel. Part of the western side near the county border has been quarried for gravel, but the eastern half is intact and supports a herb-rich calcareous grassland with thorn scrub on the lower banks.

*For inspection purposes only.
Consent of copyright owner required for any other use.*

SITE NAME: BALLYDUFF ESKER

SITE CODE: 000885

Ballyduff esker runs from north of Rahan to south of Tyrellspass. As a feature of glacial deposition, the whole structure is of interest, but around Trumpet Hill a Natural Heritage Area has been proposed for designation because the area is also of considerable ecological interest. Here the eastern end comprises three high ridges with two steep sided and deep depressions. West of the road there are two main ridges with several short side branches which reflect the path of meltwater channels within the retreating ice at the end of the last ice age. The result is a well drained glacial till.

The vegetation of the Natural Heritage Area is a complex of Hazel woodland, scrub, and grassland in various stages of agricultural 'improvement'.

Although many eskers have been severely damaged if not destroyed by gravel extraction in the past, this part of Ballyduff esker has remained virtually intact. Mature scrub of Blackthorn (*Prunus spinosa*), Hawthorn (*Crateagus monogyna*), Hazel (*Corylus avellana*) and Willows (*Salix* spp.) is still frequent around Trumpet Hill itself. Elsewhere there is Gorse (*Ulex europaeus*) scrub, and Bracken (*Pteridium aquilinum*) which requires cyclical clearance. The open grassland areas which have not been intensively fertilised, especially at the east end and on the Trumpet Hill, support diverse and interesting grassland communities that reflect the calcareous nature of the underlying till. The railway cuttings provide an additional habitat of loose open gravel where the protected Red Hemp Nettle (*Galeophysis angustifolici*) is found.

Heavy use of fertilisers has reduced the interest of other grassland areas, and mechanical damage due to overstocking has also occurred. However fertilisers will wash out of this well drained grassland, and with the reservoir of grassland species in the nearby unimproved areas, the potential for recovery is great. Even in its current condition this site is of great interest for its mosaic of habitats. Developed on a geomorphological feature typical of the midlands but becoming increasingly rare, this is one of the best known remaining eskers which still supports an open and relatively natural flora.

For information purposes only. No consent of copyright or other users required for any other use.

SITE NAME: BALLYDUFF WOOD

SITE CODE: 001777

This is a small area of beech woodland on glacial drift to the east of the Tullamore-Clara road 4 miles north of Tullamore. Younger beech trees, approximately 20 feet in height, are located around the south-western end together with some ash, hawthorn, blackthorn and hazel. Inside the marginal belt is the older woodland primarily composed of beech and hazel. Some hazel trees reach a height of 30 feet.

The undergrowth is fairly dense with such species as *Urtica dioica* (Nettle) and *Rubus fruticosus* (Blackberry) in the more open parts, and *Hedera helix* (Ivy) and a moss carpet under the tree canopy.

The woodland is situated on an esker ridge and patches of typical grassland communities can be seen alongside the road. The main grasses are *Festuca rubra* (Red Fescue), *Briza media* (Quaking Grass) and *Helictotrichon pubescens* (Hairy Oat Grass).

Although unnatural in origin, this woodland is regaining a more natural composition through regeneration. The abundance of spindle (*Evonymus europaeus*) is of particular note. The site is further enhanced by areas of herb rich grassland.

For inspection purposes only.
Consent of copyright owner required for any other use.

SITE NAME: CLONAD WOOD

SITE CODE: 000574

Clonad Wood is an area of deciduous woodland situated on low-lying agricultural land bordering the Clodiagh River, 5 km south of Tullamore.

The high canopy of the wood is dominated by Pedunculate Oak (*Quercus robur*) which has been underplanted with Beech (*Fagus sylvatica*) and conifers. The understorey also contains a rich diversity of native species including Holly (*Ilex aquifolium*), Ash (*Fraxinus excelsior*), Elm (*Ulmus glabra*), Hazel (*Corylus avellana*), Spindle tree (*Eunonymus europaeus*), Guelder rose (*Viburnum opulus*) and Field Rose (*Rosa arvensis*).

The rare Alder Buckthorn (*Frangula alnus*) and Bird Cherry (*Prunus padus*) are found in the woodland, while Irish Whitebeam (*Sorbus hibernica*) is also abundant.

This woodland was described by Praeger in the last century as being one of the few remnants of true original forest. Although much of the original site has by now been planted, resulting in fragmentation into small areas of woodland along the road and adjacent to conifer plantations, there are still tracts of relic broadleaf forest which contain an interesting flora.

*For inspection purposes only.
Consent of copyright owner required for any other use.*

SITE NAME: HAWKSWOOD BOG NHA

SITE CODE: 002355

Hawkswood bog is located 5 km south of Tullamore, in the townlands of Hawkswood and Derrybeg, Co. Offaly. The site comprises a raised bog that includes both areas of high bog and cutover bog and adjoins Clonard Wood NHA (574) to the west. It can be accessed from the local road to the south of the site.

This raised bog is at the southern extreme of the range of raised bogs in Ireland and is in close proximity to Screggan Bog NHA (921) and Pallis Lough NHA (916). The high bog has pools present and is still wet and quaking in places with very little drainage and no forestry. The wet areas occur in depressions on the high bog, causing re-wetting of the bog surface. Cutover is found all around the high bog margins. There are esker ridges with broadleaved woodland to the south and north of the site.

Much of the high bog has vegetation typical of a Midland Raised Bog, dominated by abundant White Beak-sedge (*Rhynchospora alba*) with Cross-leaved Heath (*Erica tetralix*), Hare's-tail Cottongrass (*Eriophorium vaginatum*), Ling Heather (*Calluna vulgaris*), Deergrass (*Scirpus cespitosus*) and Bog Asphodel (*Narthecium ossifragum*). There are some wet algal hollows present. Hummocks of the bog mosses *Sphagnum papillosum*, *S. magellanicum* and *S. subnitens* occur and Bog-rosemary (*Andromeda polifolia*) is also present. The abundance of *Rhynchospora* may be an indication of lowering water levels and recent burning. This is also indicated by the presence of Bog Asphodel hollows and small Ling Heather, which is slower to recover from fire than Cross-leaved Heath and so is not as dominant. Lichens (*Cladonia* spp.) are scarce on the bog due to this burning. Some small scattered hummocks of the bog moss *S. imbricatum* with the liverwort *Odontoschisma sphagni* are regenerating. There are some good pools with *Sphagnum cuspidatum* but these are becoming algal. Dead, burnt hummocks are being colonised by the moss *Campylopus introflexus*. Towards the centre of the high bog there are larger hummocks (2 m in diameter) of the bog moss *S. imbricatum* overgrown with Cross-leaved Heath. An old burn-line is present on the high bog to the east of the site. The eastern high bog has recovered from an older burn with dead hummocks still present. Ling Heather and Cottongrasses dominate with Lichens, abundant Bog Asphodel and Carnation Sedge (*Carex panicea*) locally abundant. The lichen (*Cladonia fleurkiana*) is also present, which along with the moss *Campylopus introflexus* is indicative of burning. There are very few living bog moss hummocks. White Beak-sedge is also locally abundant.

To the north of the high bog there is a very wet area with frequent pools. These are mostly algal, but some are filled with bog moss (*S. cuspidatum*). Between the pools White Beak-sedge, Cross-leaved Heath, Cottongrasses and Ling Heather dominate. This area is very wet and slightly quaking with extensive lawns of the bog moss *S. magellanicum*. There is also abundant Bog-rosemary present. There is a lot of surface water present.

This area adjoins a wet flush of Common Reed (*Phragmites australis*) with Cottongrasses and Ling Heather present. There is some Birch (*Betula* spp) and Scots Pine (*Pinus sylvestris*) encroaching on the high bog. This area is slightly quaking with White Beak-sedge hollows. There is abundant bog moss *S. cuspidatum* along with the moss *Polytrichum commune*. There are few hummocks here but extensive *Sphagnum* lawns. This flush of Common Reed and Birch is probably occurring on shallow peat. Old peat-cutting to the north is dominated by Bracken and Gorse. A small area of reclaimed grassland occurs between the high bog and the wooded esker ridge to the south. This ridge has mature woodland of Oak (*Quercus* spp.) and Beech (*Fagus sylvatica*). A smaller ridge with woodland (Hawkswood) occurs to the north of the site.

Numerous Snipe have been recorded on the bog.

Current landuses on the site include peat-cutting, agriculture and forestry. There appears to be very little peat-cutting, with only limited domestic peat-cutting to the south and south-west, but otherwise there is little damaging operations. Damaging activities associated with these landuses include burning of the high bog and drainage at the bog margins. These activities

have resulted in the loss of habitat, damage to the hydrological status of the site, and pose a continuing threat to its viability.

Hawkswood Bog NHA is a site of considerable conservation significance comprising as it does a raised bog, a rare habitat in the E.U. and one that is becoming increasingly scarce and under threat in Ireland. This site supports a good diversity of raised bog microhabitats, including hummocks, lawns and pools. Its southern location adds further interest. Ireland has a high proportion of the total E.U. resource of raised bog (over 50%) and so has a special responsibility for its conservation at an international level.

*For inspection purposes only.
Consent of copyright owner required for any other use.*

SITE NAME: SCREGGAN BOG

SITE CODE: 000921

Screggan Bog NHA is situated approximately 7km south-west of Tullamore, mainly in the townlands of Ross and Killurin in County Offaly. The site comprises a raised bog that includes both areas of high bog and cutover bog. The Clodiagh River flows at the east of the site, and Pallas Lough bounds the site at the west, while the other margins are bounded by areas of cutover, woodland and grassland.

Screggan Bog consists of three main sections divided by roads and tracks. There are areas with occasional small pools, and some poorly developed hummock/hollow systems in the largest section. Much of the bog is quite dry due to drainage and peat-cutting at the margin. An unusual feature is the extensive colonisation of its south-east portion by Scots Pine (*Pinus sylvestris*). There are large areas of coniferous forestry on the cutover areas of the site, along with areas of deciduous woodland and scrub.

The high bog at Screggan shows features typical of a Midland Raised Bog. The bog surface is soft and wet in places, and is largely comprised of bog mosses (*Sphagnum* spp.) including two notable hummock-forming species *S. imbricatum* and *S. fuscum*. *S. papillosum*, *S. capillifolium*, *S. tenellum*, *S. auriculatum* and *S. cuspidatum* are also found. The hummocks are colonised by Ling Heather (*Calluna vulgaris*), Hare's-tail Cottongrass (*Eriophorum vaginatum*) and Bog-rosemary (*Andromeda polifolia*). In the wet channels between hummocks Common Cottongrass (*Eriophorum angustifolium*) and White Beak-sedge (*Rhynchospora alba*) are common. Around the margin of the high bog a range of habitats which have developed on the cutover areas. Frequently the flat cutover surface is covered by Ling Heather and Purple Moor-grass (*Molinia caerulea*). In some places it has been colonised by Downy Birch (*Betula pubescens*), Scot's Pine (*Pinus sylvestris*) and Rowan (*Sorbus aucuparia*). The understorey often contains Hawthorn (*Crataegus monogyna*), Bilberry (*Vaccinium myrtillus*) and Bramble (*Rubus fruticosus* agg.), amongst others. There are areas of grassland with species such as Soft Rush (*Juncus effusus*), Nettle (*Urtica dioica*), Creeping Buttercup (*Ranunculus repens*) and Meadowsweet (*Filipendula ulmaria*).

At the western end of the site there is a flooded area with species-rich marsh vegetation. Plants recorded here include rushes (*Juncus* spp.), Bogbean (*Menyanthes trifoliata*), Marsh Marigold (*Caltha palustris*), Wild Angelica (*Angelica sylvestris*), and Water Mint (*Mentha aquatica*). There are also some plants here which are indicative of fen conditions, namely Great Fen-sedge (*Cladium mariscus*) and Bog-myrtle (*Myrica gale*). At the eastern edge of the site there are areas of woodland, the easternmost being a satellite of the main Screggan Bog site. These woodlands consist of commercial conifer plantations surrounded by an area of scrub woodland containing several plant species of high scientific interest, notably two Red Data Book species, Alder Buckthorn (*Frangula alnus*) and Bird Cherry (*Prunus padus*). There is also an excellent diversity of other native trees and shrubs occurring including Pedunculate Oak (*Quercus robur*), Irish Whitebeam (*Sorbus hibernica*), willows (*Salix* spp.), Yew (*Taxus baccata*), Alder (*Alnus glutinosa*), Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*) and Gorse (*Ulex europaeus*).

Current landuse on the site consists of peat-cutting around much of the eastern edge of the high bog, and the drainage associated with this. Large portions of the bog have been severely burnt in the past. Significant areas of cutover bog have been drained, cleared and reclaimed for agricultural purposes. There are also considerable amounts of coniferous forestry on the cutover at the north-east of the site. These activities have resulted in loss of habitat and damage to the hydrological status of the site, and pose a continuing threat to its viability.

Screggan Bog NHA is a site of considerable conservation significance comprising as it does a raised bog, a rare habitat in the E.U. and one that is becoming increasingly scarce and under threat in Ireland. Ireland has a high proportion of the total E.U. resource of raised bog (over 50%) and so has a special responsibility for its conservation at an international level.