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Environmental Protection Agency
13 SEP 2011
OFFICE OF ENVIRONMENTAL ENFORCEMENT
RICHVIEW

EPA Licensing Programme
Environmental Protection Programme
PO Box 3000
Johnston Castle Estate
Wexford

ENVIRONMENTAL PROTECTION AGENCY
12 SEP 2011

Rec Date of 5/10/2012

9th September 2011

Our Ref: IBR0275
File Ref: IBR0275 - D

RE: DROGHEDA LANDFILL SITE - W0033-01/AK20EM

Dear Sir/Madam

As per 1(b) of EPA audit (W0033-01/11/AR04EM) of 18th May 2011, and letter (W0033-01/AK20EM) of the 29th August 2011, please find below information as requested to determine if the proposed change (i.e. alteration to the facility boundary) can be accommodated by a Technical Amendment;

- Drawing No. IBR0275/100A shows the parcel of land acquired by Drogheda Borough Council to date in relation to the licenced boundary. Negotiations are ongoing with the remaining landowners.
- Details of the requested change:
The EPA Licensing Unit letter dated 22nd May 2006 detailed options for dealing with waste located outside the licenced area. A solution was to leave the waste insitu and amend the boundary of the licence to include the area of unauthorised waste. Drogheda Borough Council therefore proposes to include the area acquired to date within the waste licence boundary as shown on Drawing No. IBR0275/109. This will also include existing groundwater boreholes and a landfill gas piezometers located in the acquired area.
- Reasons for the requested change;
To regularise in situ deposited waste located outside the licenced area and include existing monitoring points within the licenced boundary.
- Details of quantity and quality of waste deposited in that area;
Trial pits undertaken show that the waste consists of Construction and Demolition(C&D), Commercial and Industrial(C&I) and Mixed Municipal.

The estimated quantity of waste in this area is 40,000 m³ based on the average depth of waste from the trial pits undertaken which are summarised in Table 1.

Table 1 Trial Pits

Description	Min Depth(m)	Max Depth(m)
Topsoil/Sandy Soil	0	0.5
C&D, C&I and Mixed Municipal	0	> 5.10

EPA OEE DUBLIN

Main File _____
Public File _____
Evaluation File _____
Date 13/9/11
For Assessment by Inspector

Dublin | Belfast | Cork | Galway | Limerick | Letterkenny

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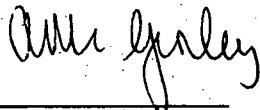
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9th September 2011

- Details of the status in terms of capping and other environmental controls; There are number of upstream groundwater boreholes and piezometers located in this area. This area has not been restored. Specified Engineering Works have been prepared for the restoration of this area and submitted to EPA as per Audit (W0033-01/11/AR04EM). Drogheda Borough Council proposes to cap the area outlined in Drawing No. IBR0275/103 Proposed Capping Area.

We trust this is in order, however, if you have any queries please do not hesitate to contact us.

Yours sincerely

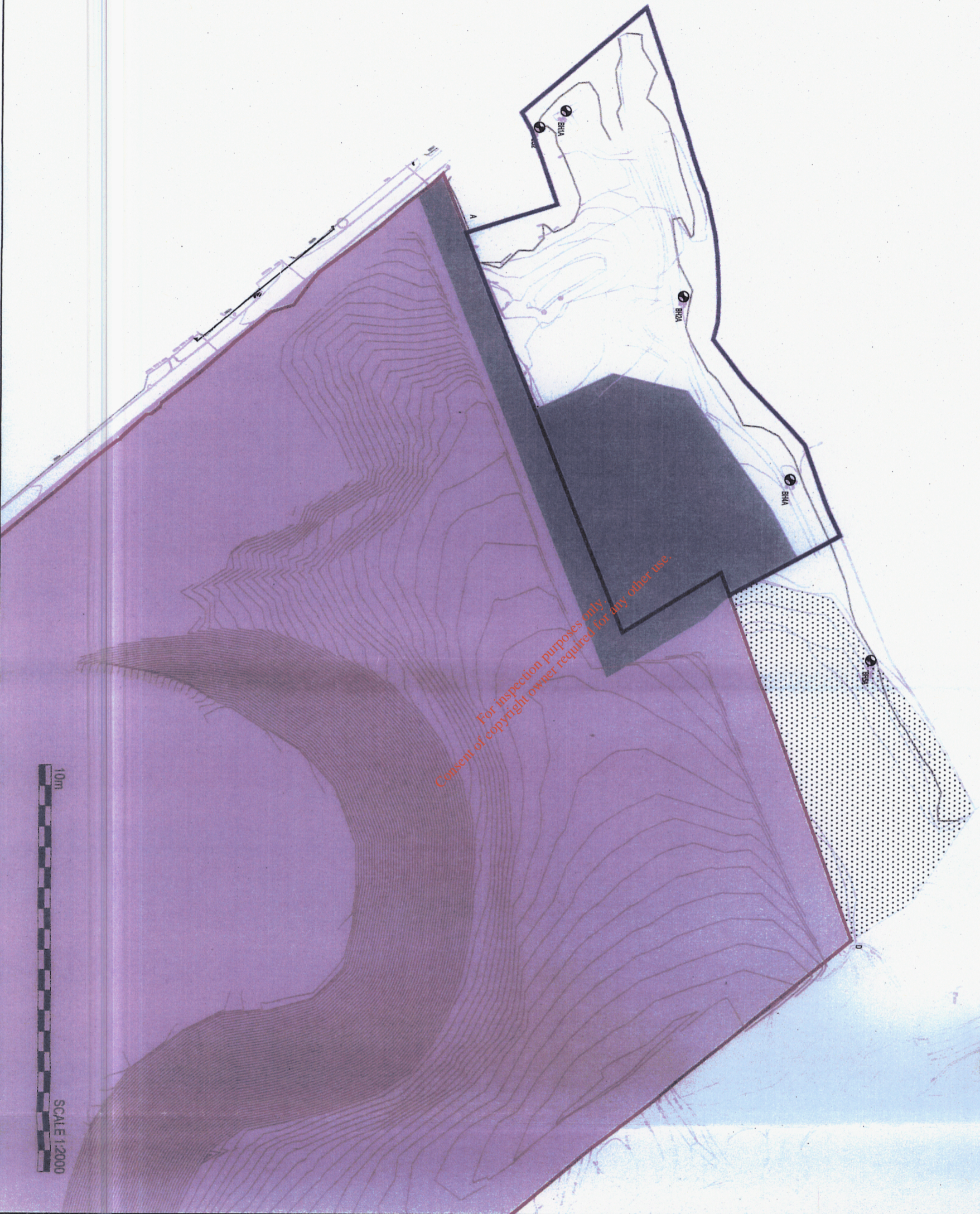


Angela Mc Ginley
For RPS

cc **Mr Patrick Rodgers; DBC**

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21/09/2011



NOTES

1. Verifying Dimensions:
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
2. Existing Services:
Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
3. Issue of Drawings:
Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production or setting out on site.
4. Grid Coordinates given to Irish Coordinate for the site boundary as provided by Drogheda Borough Council. Survey undertaken on 01 June -01 November 2005.
5. Boundary is taken from drawing 4606.32B2A 'Site Plan' as per Waste License W00354-1.
6. Drawing base on land ownership map provided by Drogheda Borough Council (Dwg. L08 Rev A Land Ownership at Landfill (Colton Road)).

7. Keys

	Existing Site Boundary
	Proposed Additional Land to be Incorporated
	Restored Area
	Hedges
	Proposed Capping Area
	Drogheda Landfill Site
	Waste Outside the Boundary
	Existing Monitoring Boreholes In use

rev	amendments	drawn date	checked date

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Client
Drogheda Borough Council

Project
Drogheda Landfill Site

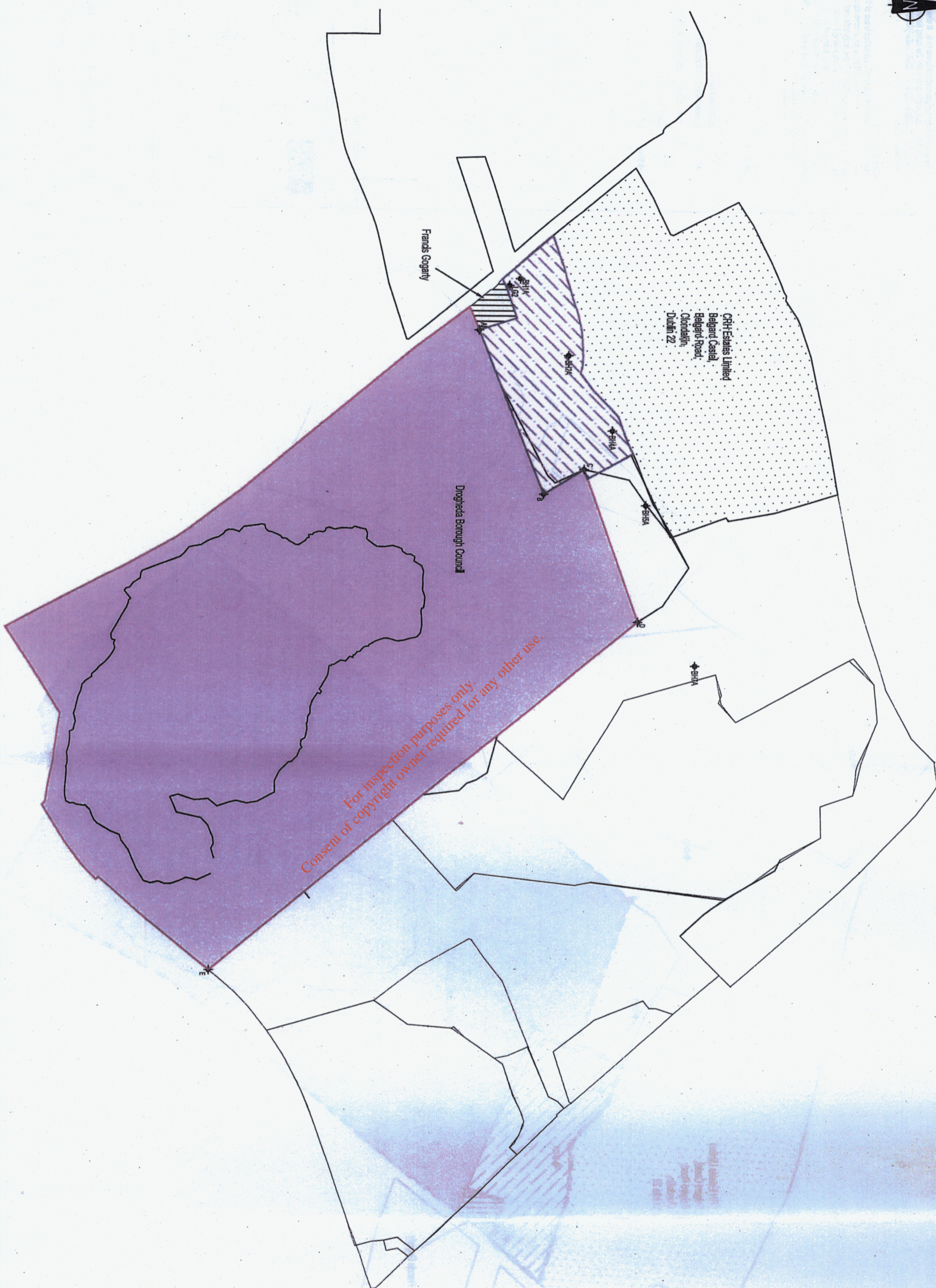
Title
Proposed Capping Area

Architect

Drawing Status	Sheet Size	Drawing Scale
Prelim	A3	1:2000

Drawing Number	Rev
IBR0275/103	0

Drawn By / Date	Checked By / Date	Approved By / Date
AMB Aug '11	AMCG Aug '11	DD Aug '11



NOTES

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4. DATUM:
5. Keys

-  Existing Site Boundary
-  Land Acquired
-  Drogheda Landfill Site
-  Existing Boundaries in Use

rev	amendments	drawn date	checked date

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Client
Drogheda Borough Council

Project
Drogheda Landfill Site Restoration

Title
Audit 2011

Architect

Drawing Status	Sheet Size	Drawing Scale
Prelim	A3	1:5000

Drawing Number	Rev
IBR0275/100	A

Drawn By / Date	Checked By / Date	Approved By / Date
AMB Aug '11	AMCG Aug '11	DD Aug '11

100m
SCALE 1:5000

