SUMMARY TABLE OF CONTENTS

AĞENCY WASTE LICEN 18 MAR 2004

INITIALS.

ENVIDONMEN

VOLUME I TEXT

Non-Technical Summary (including Figures 1 to 6 inclusive)

Section 1 Introduction

Section 2 The Proposed Facility

The Existing Environment, Emissions, Mitigation Measures & Section 3

Likely Significant Impact

Environmental Monitoring Section 4

APPENDICES VOLUME II

Figures (see overleaf for List of Figures) Appendix 1

Appendix 2 Status of Planning Composting Report Appendix 3 Appendix 4 Plant and Equipment

Dust Report Appendix 5

Appendix 6 Cultural and Archaeological Heritage Report

Flora and Fauna Appendix 7 Traffic Assessment Appendix 8

Appendix 9 Preliminary Risk Assessment Report

Trial Pit Logs Appendix 10

Factual Report on Laboratory Testing Appendix 11

Groundwater Appendix 12

Landscape and Visual Impact Assessment Appendix 13

Appendix 14 Surface Water Appendix 15 References

VOLUME III DRAWINGS

BRI/102	Site Plan Showing Existing Site Conditions and Monitoring
	Points
BRI/103	Facility Development + Restoration Plan Stage 1
BRI/104	Facility Development + Restoration Plan Stage 2
BRI/105	Facility Development + Restoration Plan Stage 3
BRT/106	Facility Development + Restoration Plan Stage 4

BRI/107 Facility Development + Restoration Plan Stage 5 Facility Development + Restoration Plan Stage 6 **BRI/108** Final Landform Restoration Levels and Post Facility **BRI/109**

Infrastructure

Site Location

Potential Extent of Lined Landfill For Non Hazardous Waste **BRI/110**

(Phases 1 to 6)

Various Sections and Details **BRI/111**

Note: Sections 1 - 4 (inclusive) of Volume I of the EIS have an individual 'Table of Contents' at the start of their respective sections.

March 2004

·BRI/101

Brownfield Restoration Ireland Ltd. Environmental Impact Statement Proposed Integrated Waste Management Facility Whitestown Lower, Co. Wicklow.

Page 1 of 3

LIST OF FIGURES

(In EIS Non - Technical Summary)

Figure 1	Site Location
Figure 2	Extent of Applicant's Landholdings
Figure 3	Application Site Boundary
Figure 4	Potential Extent of Residual Waste Disposal Facility
Figure 5	Existing Environmental Monitoring Locations
Figure 6	Proposed Environmental Monitoring Locations

(In EIS Text)

•	
Figure 1.1	Site Setting
Figure 2.1	Resource Recovery Building (Plant and Equipment
	Schematic)
Figure 3.1.1	Existing Site Services and Features
Figure 3.4.1	Aerial Photograph with Extent of Applicant's Landholding &
,	Current cSAC Boundary
Figure 3.5.1	Landuse: Houses, Business, Farms & Pits
Figure 3.5.2	Residences Notified on 20 February 2004 of Proposed
	Development
Figure 3.7.1	Quaternary Geology
Figure 3.7.2	Bedrock Geology and Aquifer Classification
Figure 3.7.3	Trial Pit Locations, Waste Zones & Cross Section Locations
Figure 3.7.4	Groundwater Map and Cross Section Locations
Figure 3.7.5	Geological Cross Sections
Figure 3.7.6	Inferred Hydrogeological Catchment Area Enclosing Site
Figure 3.10.1	Carrigower River Catchment Above Proposed Development
_	Site S
Figure 3.10.2	Local Surface Water Drainage
Figure 4.1	Proposed Environmental Monitoring Locations

LIST OF TABLES

Table 1.8.1 Table 1.10.1 Table 1.13.1 Table.2.6.1	Public Bodies Consulted Contributors to the EIS and their Responsibilities EIS Checklist A Possible Annual Waste Processing, Recovery and Disposal Scenario at the Facility in Year 2 of operations
Table 2.7.1	Landfill Volumes
Table 2.7.2	Preliminary Earthworks Materials Balance Calculations
Table 2.8.1	Leachate Volumes
Table 2.9.1	Waste Composition used in the Conceptual Model.
Table 2.9.2	Estimated Landfill Gas Production at the Brownfield Site
Table 2.9.3 Table 2.13.1	Typical Landfill Gas Composition Brownfield Restoration Ireland Ltd. – Indicative Timescale for
Table 2.13.1	remediation and restoration of pit at Whitestown Lower, Co. Wicklow.
Table 2.15.1	Emission Limit Values for Enclosed Flare (Based on Waste
· abic zizoiz	Licence No. 165-1)
Table 3.1.1	Baseline Dust Deposition Rates, Whitestown Lower, Co.
:	Wicklow (December 2003/January 2004)
Table 3.2.1	Climate Data for Casement Aerodrome (1968 - 1996)
Table 3.2.2	Rainfall Data for Donard and Glen of Imall
Table 3.5.1	Population Statistics - Census 2002
Table 3.5.2	Location and Number of Houses, Farms and Businesses
•	Surrounding the Site.
Table 3.5.3	Houses, Farms and Businesses in Quadrant 1
Table 3.5.4	Homes and Businesses in Quadrant 1
Table 3.5.5	Objections submitted by residents in response to Public
j.	Consultation Document
Table 3.7.1	Well Dip Data (December 2003 – February 2004)
Table 3.9.1	Monitoring Locations
Table 3.9.2	Results of the Environmental Noise Survey
Table 3.9.3	1/3 Octave Band Frequency Analysis Results
Table 3.10.1	Flows at Nearby Gauged Stations
Table 3.10.2	Estimated Flows for River Carrigower
Table 3.11.1	Mitigation Measures
Table 3.12.1	Interrelationship of the Factors
Table 4.1	Proposed Monitoring Points and Grid Reference Locations
Table 4.2	Proposed Monitoring Regime at the Whitestown Lower
Table 4.3	Facility Monitoring Parameters for Surface Water, Groundwater, and
1 0016 7.3	Leachate (Based on Waste Licence No. 165-1)
	Leadingte (Dased off Waste Licence No. 100 1)