

DREHID WASTE MANAGEMENT FACILITY

ENVIRONMENTAL IMPACT STATEMENT

VOLUME I

NON TECHNICAL SUMMARY



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


APRIL 2008



TOBIN
Consulting Engineers

Document Amendment Record

Client:	Bord na Móna
Project:	Drehid Waste Management Facility Intensification and Extension
Title:	EIS-Non-Technical Summary

Project Number: 3369			Document Ref: Drehid Extension NTS- DV01		
A	Non Technical Summary	ED	ED	DG	28-04-2008
Revision	Purpose / Description	Originated	Checked	Authorised	Date
		 Patrick J. Tobin & Co. Ltd.			

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

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

TABLE OF CONTENTS

1	INTRODUCTION.....	I
1.1	PROPOSED DEVELOPMENT	I
1.2	NEED FOR ENVIRONMENTAL IMPACT STATEMENT (EIS)	II
1.3	CONSULTATION	II
1.4	PLANNING PROCESS	II
2	BACKGROUND	IV
2.1	SITE LOCATION	IV
2.2	ENGINEERED LANDFILL	IV
2.3	COMPOSTING FACILITY	V
2.4	ANCILLARY INFRASTRUCTURE	V
2.5	CONSTRUCTION MATERIAL ON-SITE.....	VIII
2.6	POTENTIAL NUISANCES	VIII
3	EXISTING ENVIRONMENT	IX
3.1	EXISTING SITE	IX
3.1.1	<i>Proximity of Dwellings</i>	<i>ix</i>
3.1.2	<i>Land Use & Site Topography</i>	<i>ix</i>
3.2	INFRASTRUCTURE AND TRAFFIC	X
3.3	AIR/CLIMATE	XI
3.3.1	<i>Air</i>	<i>xi</i>
3.3.2	<i>Climate</i>	<i>xi</i>
3.4	GEOLOGY HYDROGEOLOGY & SURFACE WATER	XI
3.4.1	<i>Geology</i>	<i>xi</i>
3.4.2	<i>Hydrogeology</i>	<i>xii</i>
3.4.3	<i>Surface Water</i>	<i>xii</i>
3.4.4	<i>Water Quality</i>	<i>xii</i>
3.5	LANDSCAPE.....	XIII
3.6	ECOLOGY	XIII
3.7	HUMAN BEINGS/SOCIO-ECONOMIC/MATERIAL ASSETS	XIV
3.8	ARCHAEOLOGY	XV
4	DESCRIPTION OF THE PROPOSED DEVELOPMENT.....	XVI
4.1	PROPOSED LANDFILL	XVI
4.2	ANCILLARY INFRASTRUCTURE	XXII
4.3	MATERIAL BORROW AREAS	XXII
4.4	FACILITY OPERATIONS.....	XXIII

5	POTENTIAL IMPACTS AND PROPOSED MITIGATION MEASURES.....	XXV
5.1	AIR/CLIMATE	XXV
5.1.1	Noise	xxv
5.1.2	Dust	xxv
5.1.3	Odours	xxvi
5.1.4	Landfill Gas and Gas Flare	xxvi
5.1.5	Aerosols	xxvii
5.1.6	Climate.....	xxvii
5.2	GEOLOGY AND HYDROGEOLOGY	XXVII
5.2.1	Potential Impacts.....	xxvii
5.2.2	Proposed Mitigation Measures	xxviii
5.3	SURFACE WATER	XXX
5.3.1	Potential Impacts.....	xxx
5.3.2	Proposed Mitigation Measures	xxx
5.4	LANDSCAPE/VISUAL ASPECTS	XXXII
5.4.1	Potential Impacts.....	xxxii
5.4.2	Proposed Mitigation Measures	xxxii
5.5	ECOLOGY.....	XXXIV
5.5.1	Potential Impacts.....	xxxiv
5.5.2	Proposed Mitigation Measures	xxxiv
5.6	HUMAN BEINGS/SOCIO-ECONOMIC/MATERIAL ASSETS	XXXV
5.6.1	Potential Impacts.....	xxxv
5.6.2	Health and Safety	xxxvi
5.6.3	Property Values	xxxvi
5.6.4	Community Development	xxxvi
5.6.5	Proposed Mitigation Measures	xxxvii
5.7	ARCHAEOLOGY	XXXVII
5.7.1	Potential Impacts.....	xxxvii
5.7.2	Proposed Mitigation Measures	xxxvii
5.8	INFRASTRUCTURE AND TRAFFIC	XXXVIII
5.8.1	Potential Impacts.....	xxxviii
5.8.2	Proposed Mitigation Measures	xxxviii
5.9	INTERACTION OF THE FOREGOING	XXXIX