Table of Contents

Chapter/Page No.

1.0	Introduction	
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 1.10 1.11 1.12 1.13 1.14 1.15 1.16	Introduction & Terms of Reference Definition of EIA and EIAR EIA Guidelines Screening for EIA Contents of EIAR Purpose & Objectives of the EIAR Format and Structure of this EIAR Description of Impacts in the EIAR EIA Project Team Non-Technical Summary Appropriate Assessment Availability of EIAR Documents Impartiality Statement of Difficulties Encountered Quotations EIAR Quality Control & Review Errors	1/1 1/1 1/2 1/4 1/4 1/5 1/7 1/10 1/11 1/14 1/15 1/15 1/15 1/16 1/16 1/16
2.0	Project Description and Alternatives	
2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 2.10 2.11	Introduction Site Location and Description Planning Policy Context Alternatives Examined Project Description Characteristics of the Project Principal Elements of the Project Cumulative Impacts Mitigation Measures Conclusion References	2/1 2/1 2/4 2/5 2/13 2/15 2/20 2/23 2/23 2/24 2/24
3.0	Population and Human Health	
3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11	Introduction Study Methodology The Existing Receiving Environment (Baseline Situation) Characteristics of the Proposed Development 'Do Nothing' Impact Potential Impact of the Proposed Development Avoidance, Remedial & Mitigation Measures Potential Cumulative Impacts Predicted/Residual Impacts of the Proposed Development Monitoring Reinstatement	3/1 3/1 3/3 3/10 3/11 3/13 3/22 3/22 3/22 3/23
0.11		

3.12 3.13 3.14 3.15	Interaction Difficulties Encountered in Compiling Chapter Conclusion References	3/24 3/24 3/24 3/24
4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 4.10 4.11 4.12 4.13	Introduction Study Methodology The Existing Receiving Environment (Baseline Situation) Characteristics of the Proposed Development Potential Impact of the Proposed Development Potential Cumulative Impacts Do Nothing Impact Avoidance, Remedial and Mitigation Measures Predicted Impact of the Proposed Development Monitoring Reinstatement Interactions Difficulties Encountered in Compiling	4/1 4/2 4/4 4/18 4/19 4/19 4/19 4/19 4/20 4/20 4/20 4/20 4/20
4.14 5.0 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 5.10 5.11 5.12	References Biodiversity Introduction Study Methodology Existing Receiving Environment Characteristics of the Proposed Development Potential Impact of the Proposed Development Potential Cumulative Impacts Do Nothing Impact Avoidance, Remedial and Mitigation Measures Predicted Impact of the Proposed Development Monitoring Reinstatement Interactions	5/1 5/5 5/11 5/25 5/27 5/37 5/38 5/38 5/44 5/44 5/45
5.13 5.14 6.0 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9	Difficulties Encountered in Compiling References Landscape and Visual Impact Introduction Study Methodology Existing Receiving Environment Characteristics of the Proposed Development Potential Impacts of the Proposed Development Cumulative Impact Do Nothing Impact Avoidance, Remedial and mitigation Measures Predicted Residual Effects of the Proposed Development	5/45 5/47 6/1 6/1 6/2 6/8 6/9 6/12 6/14 6/14
6.10 6.11	Monitoring Reinstatement	6/26 6/26

6.12 6.13 6.14	Interactions Difficulties Encountered in Compiling References	6/26 6/27 6/27
7.0 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14	Introduction Study Methodology The Existing Receiving Environment Characteristics of the Proposed Development Potential Impact of the Proposed Development Potential Cumulative Impacts Do Nothing Impact Mitigation Measures Predicted Residual Impacts of the Proposed Development Monitoring Reinstatement Interactions Difficulties Encountered in Compiling References	7/1 7/1 7/2 7/7 7/7 7/8 7/8 7/8 7/8 7/9 7/10 7/10 7/10 7/10 7/10
8.0	Water	
8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 8.12 8.13 8.14	Introduction Study Methodology Existing Receiving Environment Characteristics of the Proposed Development Potential Impact of the Proposed Development Potential Cumulative Impacts Do Nothing Impact Remedial and Mitigation Measures Predicted Residual Impacts of the Proposed Development Monitoring Reinstatements Interactions Difficulties Encountered in Compiling References	8/1 8/1 8/2 8/6 8/7 8/9 8/9 8/11 8/11 8/12 8/12 8/12
9.0	Air Quality and Climate	
9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13	Introduction Study Methodology Existing Receiving Environment Characteristics of the Proposed Development Potential Impact of the Proposed Development Do Nothing Impact Mitigation Measures Predicted Impacts of the Proposed Development Cumulative Impacts Monitoring Reinstatement Interactions Difficulties Encountered in Compiling	9/2 9/2 9/9 9/13 9/15 9/18 9/20 9/21 9/21 9/22 9/22

9.14 References 9/22 10.0 **Noise and Vibration** 10.1 10/1 Introduction 10.2 Study Methodology 10/1 Existing Receiving Environment 10/8 10.3 Potential Impact of the Proposed Development 10.4 10/10 10.5 Do Nothing Impact 10/20 10.6 Remedial and Mitigation Measures 10/20 10.7 Predicted Residual Effects 10/22 10.8 **Cumulative Effects** 10/23 10.9 Monitoring 10/24 10.10 Reinstatement 10/24 10.11 Interactions 10/24 10.12 Difficulties Encountered in Compiling 10/24 10.13 References 10/24 Wind 11.0 11.1 Introduction 11/1 Study Methodology 11.2 11/1 11.3 The Existing Receiving Environment 11/7 11.4 Characteristics of the Proposed Development 11/8 Potential Impact of the Proposed Development 11.5 11/8 Potential Cumulative Impacts 11.6 11/16 11.7 Do Nothing Impact 11/16 11.8 Mitigation Measures 11/16 Predicted Impacts of the Proposed Development 11.9 11/21 11.10 Monitorina 11/21 11.11 Interactions 11/21 11.12 Difficulties Encountered in Compiling 11/21 11.13 References 11/21 12.0 **Material Assets** 12.1 12/1 Introduction 12.2 Study Methodology 12/1 12.3 The Existing Receiving Environment 12/2 Characteristics of Proposed Development 12.4 12/7 12.5 Potential Impact of the Proposed Development 12/8 12.6 Potential Cumulative Impacts 12/15 12.7 'Do Nothing' Impact 12/16 12.8 Avoidance, Remedial & Mitigation Measures 12/16 Predicted Impacts of the Proposed Development 12.9 12/16 12.10 Monitoring 12/17 12.11 Reinstatement 12/17 12.12 Interactions 12/18 12.13 Difficulties Encountered in Compiling 12/18 12.14 References 12/18 13.0 **Transportation**

13/1

13.1

Introduction

13.2 13.3	Study Methodology Existing Receiving Environment	13/1 13/2
13.4	Description of the Proposed Development	13/16
13.5	Potential Impact of the Proposed Development	13/22
13.6	'Do Nothing' Impact	13/28
13.7	Potential Cumulative Impacts	13/29
13.8	Avoidance, Remedial and Mitigation Measures	13/31
13.9	Predicted Impacts of the Proposed Development	13/31
13.10	Monitoring	13/32
13.11	Reinstatement	13/32
13.12	Interactions	13/32
13.13	Difficulties Encountered in Compiling	13/32
13.14	References	13/32
14.0	Interactions	
14.0	Interactions	
14.1	Introduction	14/2
14.2	Interactions	14/2
		=
15.0	Summary of EIAR Mitigation and Monitoring	
15.0	Measures	
		. –
15.1	Introduction	15/1
15.2	Mitigation Strategies	15/1
15.3	Mitigation and Monitoring Measures	15/2

No.	Index of Chapter Appendices
4.0	Archaeology and Cultural Haritage
4.0	Archaeology and Cultural Heritage
4.1	SMR/RMP Sites Within the Surrounding Area
4.2	Objectives Relating to The Protection of Archaeological Heritage
5.0	Biodiversity
5.1 5.2	European Sites in The Vicinity of The Proposed Development Site & Their Qualifying Interests (Qis) Desk Study
5.3	Examples of Ecological Evaluation
6.0	Landscape and Visual Impact
6.1	Photomontage Report Prepared by Visual Lab
7.0	Land and Soils
7.1	Site Investigation Reports
9.0	Air Quality and Climate
9.1 9.2 9.3	Ambient Air Quality Standards Transport Infrastructure Ireland Significance Criteria Dust Management Plan