



An Bord Pleanála

SECTION 37L - EIAR AND NON- TECHNICAL SUMMARY

Bison Quarries Ltd



An Bord Pleanála

SECTION 37L - EIAR AND NON-TECHNICAL SUMMARY

Bison Quarries Ltd

TYPE OF DOCUMENT (VERSION) PUBLIC

PROJECT NO. IE-40000205

OUR REF. NO. IE-40000205.R04

DATE: JUNE 2025



An Bord Pleanála

SECTION 37L - EIAR AND NON-TECHNICAL SUMMARY

Bison Quarries Ltd

WSP

Town Centre House
Dublin Road
Naas
Co Kildare

WSP.com



QUALITY CONTROL

Issue/revision	First issue	Revision 1	Revision 2	Revision 3
Remarks	Final			
Date	June 2025			
Prepared by	Various			
Signature	N/A			
Checked by	Rhian Llewellyn			
Signature				
Authorised by	Ruth Tracey			
Signature				
Project number	IE-40000205			
Report number	IE-40000205.R04			
File reference	https://wsponline.sharepoint.com/sites/IE-40000205			



TABLE OF CONTENTS

	SECTION TITLE	PAGE
1	INTRODUCTION, SCOPE AND METHODOLOGY	1
1.1	BACKGROUND OF THE PROPOSED PROJECT	1
1.2	REQUIREMENT FOR EIAR	4
1.3	37L APPLICATION AND EIA PROJECT BOUNDARIES	5
1.4	STRUCTURE AND CONTENT OF THE EIAR	5
1.5	LIMITATIONS AND DIFFICULTIES IN COMPILING THE SPECIFIED INFORMATION (SCHEDULE 6 OF SI 600 OF 2001, AS AMENDED)	12
1.6	EIAR CONTRIBUTORS AND GUARANTEE OF COMPETENCY AND INDEPENDENCE	12
1.7	EIAR SCOPE & METHODOLOGY - PREDICTION OF IMPACTS AND EFFECTS AND ASSESSMENT OF MITIGATION MEASURES	14
1.8	DESIGN AND MITIGATION	18
1.9	PREDICTION OF RESIDUAL IMPACTS AND EFFECTS	18
1.10	CUMULATIVE ASSESSMENT	19
1.11	THE NEED FOR THE PROJECT AND CONSIDERATION OF ALTERNATIVES	19
1.12	REFERENCES	21
2	PROJECT DESCRIPTION	1
2.1	APPLICANT AND LANDOWNERSHIP DETAILS	3
2.2	LOCATION OF SUBJECT LANDS	3
2.3	CONTEXT AND LANDSCAPE CHARACTER OF SUBJECT LANDS	4
2.4	SITE HISTORY AND PLANNING CONTEXT	5
2.5	DESCRIPTION OF THE PROPOSED PROJECT	8
2.6	CAPACITY AND LIFESPAN	18
2.7	PHASING OF LAND RESTORATION AND REINSTATEMENT	19
2.8	MAJOR ACCIDENTS AND DISASTERS	25
2.9	PLANNING AND GUIDANCE POLICY	25
2.10	REFERENCES	37



3	POPULATION AND HUMAN HEALTH	1
3.1	INTRODUCTION	1
3.2	LEGISLATIVE AND POLICY CONTEXT	3
3.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	4
3.4	BASELINE CONDITIONS	7
3.5	CHARACTERISTICS OF THE PROPOSED PROJECT	20
3.6	POTENTIAL EFFECTS	21
3.7	MITIGATION MEASURES AND MONITORING	23
3.8	RESIDUAL EFFECTS	23
3.9	CUMULATIVE EFFECTS	23
3.10	DIFFICULTIES ENCOUNTERED	23
3.11	REFERENCES	23
4	ECOLOGY AND BIODIVERSITY	1
4.1.	INTRODUCTION	1
4.2.	POLICY AND LEGISLATION CONTEXT	4
4.3.	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	6
4.4.	BASELINE ECOLOGICAL CONDITIONS	27
4.5.	DO NOTHING SCENARIO / FUTURE BASELINE	79
4.6.	ASSESSMENT OF POTENTIAL EFFECTS	79
4.7.	MITIGATION MEASURES AND MONITORING	92
4.8.	RESIDUAL EFFECTS	96
4.9.	CUMULATIVE EFFECTS	103
4.10.	REFERENCES	105
5	LAND, SOILS AND GEOLOGY	1
5.1	INTRODUCTION	1
5.2	POLICY AND LEGISLATION CONTEXT	4
5.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	6
5.4	BASELINE CONDITIONS	10
5.5	SELECTION OF SENSITIVE RECEPTORS	15
5.6	DO NOTHING SCENARIO	15
5.7	CHARACTERISTICS OF THE PROPOSED PROJECT	16



5.8	POTENTIAL EFFECTS	18
5.9	ADDITIONAL MITIGATION AND MONITORING	23
5.10	RESIDUAL EFFECTS	23
5.11	CUMULATIVE IMPACTS	27
5.12	DIFFICULTIES ENCOUNTERED	27
5.13	REFERENCES	27

6 WATER 1

6.1	INTRODUCTION	1
6.2	POLICY AND LEGISLATION CONTEXT	3
6.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	5
6.4	BASELINE CONDITIONS	11
6.5	SELECTION OF SENSITIVE RECEPTORS	30
6.6	DO NOTHING SCENARIO	32
6.7	CHARACTERISTICS OF THE PROPOSED PROJECT	32
6.8	POTENTIAL EFFECTS	33
6.9	EVALUATION OF POTENTIAL EFFECTS	34
6.10	MITIGATION MEASURES AND MONITORING	38
6.11	RESIDUAL EFFECTS	38
6.12	CUMULATIVE EFFECTS	38
6.13	DIFFICULTIES ENCOUNTERED	38
6.14	REFERENCES	39

7 AIR QUALITY 1

7.1	INTRODUCTION	1
7.2	LEGISLATIVE AND POLICY CONTEXT	6
7.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	10
7.4	BASELINE CONDITIONS	16
7.5	CHARACTERISTICS OF THE PROPOSED PROJECT	24
7.6	POTENTIAL EFFECTS	24
7.7	MITIGATION MEASURES AND MONITORING	31
7.8	RESIDUAL EFFECTS	36
7.9	CUMULATIVE EFFECTS	36
7.10	DIFFICULTIES ENCOUNTERED	36



7.11 REFERENCES 36

8 CLIMATE 1

8.1	INTRODUCTION	1
8.2	LEGISLATIVE AND POLICY CONTEXT	3
8.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	5
8.4	BASELINE CONDITIONS	5
8.5	DO NOTHING SCENARIO	6
8.6	CHARACTERISTICS OF THE PROPOSED PROJECT	6
8.7	POTENTIAL EFFECTS	6
8.8	MITIGATION AND MONITORING	10
8.9	RESIDUAL EFFECTS	10
8.10	CUMULATIVE EFFECTS	10
8.11	DIFFICULTIES ENCOUNTERED	10
8.12	REFERENCES	10

9 NOISE AND VIBRATION 1

9.1	INTRODUCTION	1
9.2	POLICY AND LEGISLATION CONTEXT	4
9.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	5
9.4	BASELINE CONDITIONS	9
9.5	DO NOTHING SCENARIO	9
9.6	POTENTIAL EFFECTS	10
9.7	MITIGATION MEASURES AND MONITORING	10
9.8	RESIDUAL EFFECTS	10
9.9	CUMULATIVE EFFECTS	11
9.10	DIFFICULTIES ENCOUNTERED	11

10 ARCHAEOLOGY AND CULTURAL HERITAGE 1

10.1.	INTRODUCTION	1
10.2.	TECHNICAL SCOPE	1
10.3.	GEOGRAPHICAL AND TEMPORAL SCOPE	2
10.4.	PROJECT DESCRIPTION SUMMARY	4
10.5.	POLICY AND LEGISLATION CONTEXT	5



10.6.	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	8
10.7.	BASELINE CONDITIONS	12
10.8.	DO NOTHING SCENARIO	22
10.9.	SELECTION OF SENSITIVE RECEPTORS	22
10.10.	CHARACTERISTICS OF THE PROPOSED PROJECT	22
10.11.	MITIGATION MEASURES AND MONITORING	24
10.12.	RESIDUAL EFFECTS	24
10.13.	CUMULATIVE EFFECTS	24
10.14.	DIFFICULTIES ENCOUNTERED	24
10.15.	REFERENCES	25

11 **LANDSCAPE AND VISUAL** **1**

11.1	INTRODUCTION	1
11.2	LEGISLATIVE AND POLICY CONTEXT	4
11.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	11
11.4	BASELINE CONDITIONS	19
11.5	DO NOTHING SCENARIO	22
11.6	SELECTION OF SENSITIVE VISUAL RECEPTORS	22
11.7	CHARACTERISTICS OF THE DEVELOPMENT	23
11.8	POTENTIAL EFFECTS	24
11.9	MITIGATION MEASURES	33
11.10	RESIDUAL EFFECTS	33
11.11	CUMULATIVE EFFECTS	33
11.12	NO CHANGE SCENARIO	33
11.13	MONITORING	33
11.14	DIFFICULTIES ENCOUNTERED	33

12 **TRAFFIC AND TRANSPORTATION** **1**

12.1	INTRODUCTION	1
12.2	POLICY AND LEGISLATION CONTEXT	3
12.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	4
12.4	BASELINE CONDITIONS	5
12.5	POTENTIAL EFFECTS	19



12.6	MITIGATION MEASURES	24
12.7	RESIDUAL EFFECTS	25
12.8	CUMULATIVE EFFECTS	25
12.9	DIFFICULTIES ENCOUNTERED	25
12.10	REFERENCES	25

13 MATERIAL ASSETS **1**

13.1	INTRODUCTION	1
13.2	POLICY AND LEGISLATION CONTEXT	4
13.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	5
13.4	BASELINE CONDITIONS	6
13.5	CHARACTERISTICS OF THE PROPOSED PROJECT	8
13.6	POTENTIAL EFFECTS	9
13.7	MITIGATION	12
13.8	MONITORING	13
13.9	RESIDUAL EFFECTS	13
13.10	CUMULATIVE IMPACTS	13
13.11	DIFFICULTIES ENCOUNTERED	13
13.12	REFERENCES	13

14 MAJOR ACCIDENTS AND DISASTERS **1**

14.1	INTRODUCTION	1
14.2	LEGISLATIVE AND POLICY CONTEXT	3
14.3	ASSESSMENT METHODOLOGY AND SIGNIFICANCE CRITERIA	6
14.4	BASELINE CONDITIONS	6
14.5	DO NOTHING SCENARIO	7
14.6	SELECTION OF SENSITIVE RECEPTORS	7
14.7	CHARACTERISTICS OF THE DEVELOPMENT	8
14.8	POTENTIAL EFFECTS	8
14.9	MITIGATION MEASURES AND MONITORING	14
14.10	RESIDUAL EFFECTS	14
14.11	CUMULATIVE EFFECTS	14
14.12	DIFFICULTIES ENCOUNTERED	14



15	INTERACTIONS, CUMULATIVE AND COMBINED EFFECTS	1
<hr/>		
15.1	INTRODUCTION	1
15.2	TECHNICAL SCOPE	1
15.3	GEOGRAPHICAL AND TEMPORAL SCOPE	1
15.4	PROJECT DESCRIPTION	2
15.5	METHODOLOGY	3
15.6	INTERACTIONS	3
16	MITIGATION AND MONITORING	1
<hr/>		
16.1	INTRODUCTION	1
16.2	MITIGATION MEASURES	1
16.3	MONITORING MEASURES	1