

Table of Contents

Chapter/Page No.

1.0 Introduction and Methodology

1.1	Introduction & Terms of Reference	1/1
1.2	Definition of EIA and EIAR	1/1
1.3	EIA Legislation	1/2
1.4	EIA Guidelines	1/3
1.5	Screening – Requirement for an EIA	1/4
1.6	Scoping	1/5
1.7	Purpose of this EIAR	1/8
1.8	Objectives of this EIAR	1/9
1.9	Format and Structure of this EIAR	1/11
1.10	EIA Project Team	1/14
1.11	Non-Technical Summary	1/17
1.12	Links Between EIA and Appropriate Assessment	1/17
1.13	Availability of EIAR Documents	1/17
1.14	Impartiality	1/17
1.15	Statement of Difficulties Encountered	1/18
1.16	Quotations	1/18
1.17	EIA Quality Control and Review	1/18
1.18	Errors	1/18

2.0 Project Description and Alternatives Examined

2.1	Introduction and Terms of Reference	2/1
2.2	Site Location and Description	2/2
2.3	Project Overview	2/5
2.4	Statutory Planning Context	2/6
2.5	Alternatives Examined	2/7
2.6	Characteristics of the Project	2/16
2.7	The Existence of the Project	2/23
2.8	Related Development and Cumulative Impacts	2/27
2.9	Mitigation Measures	2/28

3.0 Population and Human Health

3.1	Introduction	3/1
3.2	Study Methodology	3/1
3.3	The Existing Receiving Environment (Baseline Scenario)	3/2
3.4	Characteristics of the Proposed Development	3/7
3.5	Potential Impact of the Proposed Development	3/8
3.6	Potential Cumulative Impacts	3/14
3.7	'Do Nothing' Impact	3/14
3.8	Avoidance, Remedial & Mitigation Measures	3/15
3.9	Predicted Impacts of the Proposed Development	3/15
3.10	Monitoring	3/16
3.11	Reinstatement	3/16
3.12	Interactions	3/17
3.13	Difficulties Encountered in Compiling Information	3/17

3.14	References	3/17
------	------------	------

4.0 Archaeology and Cultural Heritage

4.1	Introduction	4/1
4.2	Study Methodology	4/1
4.3	Existing Receiving Environment	4/2
4.4	Characteristics of the Proposed Development	4/10
4.5	Potential Impact of the Proposed Development	4/11
4.6	Do Nothing Impact	4/12
4.7	Avoidance, Remedial and Mitigation Measures	4/12
4.8	Predicted Impacts of the Proposed Development	4/13
4.9	Monitoring	4/13
4.10	Reinstatement	4/13
4.11	Interactions	4/13
4.12	Difficulties Encountered in Compiling	4/13
4.13	References	4/13

5.0 Biodiversity

5.1	Introduction	5/1
5.2	Study Methodology	5/1
5.3	Existing Receiving Environment	5/1
5.4	Characteristics of the Proposed Development	5/11
5.5	Potential Impacts of the Proposed Development	5/11
5.6	Potential Cumulative Impacts	5/13
5.7	Do Nothing Impact	5/14
5.8	Avoidance, Remedial and Mitigation Measures	5/14
5.9	Predicted Impacts of the Proposed Development	5/15
5.10	Monitoring	5/15
5.11	Interactions	5/16
5.12	Difficulties Encountered in Compiling	5/16
5.13	References and Sources	5/16

6.0 Landscape & Visual Impact

6.1	Introduction	6/1
6.2	Assessment Methodology	6/1
6.3	The Existing Environment	6/4
6.4	Planning Context	6/7
6.5	Characteristics of the Proposed Development	6/10
6.6	Potential Impact of the Proposed Development	6/11
6.7	Potential Cumulative Impacts	6/13
6.8	Do Nothing Impact	6/14
6.9	Mitigation Measures	6/14
6.10	Predicted Impacts of Proposed Developments	6/15
6.11	Interactions	6/16
6.12	Difficulties Encountered in Compiling	6/16
6.13	References	6/16

7.0 Land and Soils

7.1	Introduction	7/1
-----	--------------	-----

7.2	Study Methodology	7/1
7.3	Existing Receiving Environment	7/1
7.4	Characteristics of the Proposed Development	7/2
7.5	Potential Impact of the Proposed Development	7/3
7.6	Do Nothing Impact	7/4
7.7	Avoidance, Remedial and Mitigation Measures	7/4
7.8	Predicted Impact Following Mitigation	7/5
7.9	Cumulative Impact	7/5
7.10	Monitoring	7/5
7.11	Reinstatement	7/6
7.12	Interactions	7/6
7.13	Difficulties Encountered in Compiling	7/6
7.14	References	7/6

8.0 Water

8.1	Introduction	8/1
8.2	Study Methodology	8/1
8.3	Existing Receiving Environment	8/1
8.4	Characteristics of the Proposed Development	8/3
8.5	Potential Impact of the Proposed Development	8/4
8.6	Do Nothing Impact	8/6
8.7	Avoidance, Remedial and Mitigation Measures	8/6
8.8	Predicted Impact Following Mitigation	8/7
8.9	Potential Cumulative Impacts	8/7
8.10	Monitoring	8/8
8.11	Reinstatement	8/8
8.12	Interactions	8/9
8.13	Difficulties Encountered in Compiling	8/9
8.14	References	8/9

9.0 Air Quality and Climate

9.1	Introduction	9/1
9.2	Study Methodology	9/1
9.3	Existing Receiving Environment	9/5
9.4	Characteristics of the Proposed Development	9/8
9.5	Potential Impact of the Proposed Development	9/9
9.6	Do Nothing Impact	9/18
9.7	Avoidance, Remedial and Mitigation Measures	9/18
9.8	Predicted Impacts of the Proposed Development	9/19
9.9	Cumulative Impacts	9/19
9.10	Monitoring	9/19
9.11	Reinstatement	9/20
9.12	Interactions	9/20
9.13	Difficulties Encountered in Compiling	9/20
9.14	References	9/20

10.0 Noise and Vibration

10.1	Introduction	10/1
10.2	Study Methodology	10/1
10.3	Existing Receiving Environment	10/7
10.4	Characteristics of the Proposed Development	10/10
10.5	Potential Impact of the Proposed Development	10/11

10.6	Do Nothing Impact	10/14
10.7	Avoidance, Remedial and Mitigation Measures	10/15
10.8	Predicted Impacts of the Proposed Development	10/15
10.9	Monitoring	10/16
10.10	Reinstatement	10/16
10.11	Interactions	10/16
10.12	Difficulties Encountered in Compiling	10/16
10.13	References	10/16

11.0 Material Assets

11.1	Introduction	11/1
11.2	Study Methodology	11/1
11.3	Existing Receiving Environment	11/1
11.4	Characteristics of the Proposed Development	11/2
11.5	Potential Impact of the Proposed Development	11/4
11.6	Do Nothing Impact	11/6
11.7	Avoidance, Remedial and Mitigation Measures	11/6
11.8	Predicted Impacts Following Mitigation	11/7
11.9	Potential Cumulative Impacts	11/7
11.10	Monitoring	11/8
11.11	Reinstatement	11/8
11.12	Interactions	11/8
11.13	Difficulties Encountered in Compiling	11/8
11.14	References	11/9

12.0 Transportation

12.1	Introduction	12/1
12.2	Study Methodology	12/1
12.3	Existing Receiving Environment	12/2
12.4	Characteristics of the Proposed Development	12/3
12.5	Potential Impact of the Proposed Development	12/4
12.6	Do Minimum Impacts	12/6
12.7	Potential Cumulative Impacts	12/6
12.8	Avoidance, Remedial and Mitigation Measures	12/8
12.9	Predicted Impacts of the Proposed Development	12/9
12.10	Monitoring	12/12
12.11	Reinstatement	12/12
12.12	Interactions	12/12
12.13	Difficulties Encountered in Compiling	12/12
12.14	References	12/13

13.0 Interactions Between Environmental Factors

13.1	Interactions Between Environmental Factors	13/1
------	--	------

14.0 Summary of EIAR Mitigation and Monitoring Measures

14.1	Introduction	14/1
14.2	Mitigation Strategies	14/1
14.3	Mitigation and Monitoring Strategies	14/2

No.	Index of Chapter Appendices
4.0	Archaeology, Architectural and Cultural Heritage
4.1	Colp West Conservation Management Plan
4.2	Archaeological Excavation Preliminary Report
4.3	Testing Report – March 2018
4.4	Test Excavation Report –October 2018
5.0	Biodiversity
5.1	Bat Survey Report
6.0	Landscape & Visual Impact
6.1	Photomontages
9.0	Air Quality and Climate
9.1	Ambient Air Quality Standards
9.2	Transport Infrastructure Ireland Significance Criteria
9.3	Dust Minimisation Plan