

Contents

	Page
Non-Technical Summary	1
1 Introduction	3
1.1 Background to the Project	3
1.2 Outline description of the Project components	3
1.3 Project justification	3
1.4 Project alternatives	4
1.5 Regulatory Framework	4
1.6 Implementation Schedule	5
2 The Promoter and Professional Team	7
2.1 The Promoter	7
2.2 Professional Team	7
3 Baseline Environment	8
3.1 Site Description	8
3.2 Regional Description	9
3.3 Existing built environment	11
3.4 Existing Terrestrial Environment	13
4 Project Description	18
4.1 Site layout and key project components	18
4.2 Sustainable Development Framework	18
4.3 Site Preparation and Reinstatement	19
4.4 Traffic	19
4.5 Surface water management	20
4.6 Electricity supply and distribution	20
4.7 Potable water supply and distribution	21
4.8 Telecommunication network	21
4.9 Sewage collection and disposal	21
4.10 Solid waste collection and disposal	22
4.11 Construction methodology	22
4.12 Operational considerations	23
5 Assessment of Impacts and Mitigating Measures	24
5.1 Generic Significance Criteria	24
5.2 Impacts during construction	25
5.3 Impacts during operation	30

6	Environmental Monitoring Plan	36
6.1	Construction Stage Environmental Monitoring Plan	36
6.2	Operation Stage Environmental Monitoring Plan	40
7	Conclusion	41

Appendices

Appendix A

Certificate of Incorporation

Appendix B

Property Title Deeds

Appendix C

Correspondences and Clearances from Authorities

Appendix D

Geotechnical Investigation Report

Appendix E

Wind Roses

Appendix F

Land Surveyor's Plan

Appendix G

Storm water Management Report

Appendix H

Landscaping Concept