

## Contents

	Page	
1	Introduction	1
2	The Site and Surrounding Area	2
	2.1 The Site	2
	2.2 Surrounding Area	2
3	Description of the Development	4
	3.1 The Development Proposals	4
	3.2 The Development in Operation	5
	3.3 The Need for the Reservoir	5
	3.4 Site Alternatives	6
	3.5 Construction Effects and Mitigation	6
4	Methodology	7
	4.1 General Approach to Environmental Assessment	7
	4.2 Requesting a Scoping Opinion	7
	4.3 Assessment Process	8
5	Review of Likely Significant Environmental Effects	10
	5.1 Introduction	10
	5.2 Telecommunications	10
	5.3 Microclimate Effects	10
	5.4 Waste	10
	5.5 Transport	14
	5.6 Air Quality	14
	5.7 Archaeology and Cultural Heritage	15
	5.8 Ecology and Nature Conservation	18
	5.9 Ground Contamination	20
	5.10 Landscape and Visual	22
	5.11 Noise and Vibration	24
	5.12 Socio-Economics and Communities	26
	5.13 Water Resources	27
	5.14 Cumulative Effects	32

## Figures

- Figure 1 Location Plan
- Figure 2 Context Map with Designations
- Figure 3 Site Layout Plan
- Figure 4 Outline Plan

## Appendices

### Appendix A

Transport Assessment Scoping Report

### Appendix B

Scope Of On-Going Ecological Survey Work Since 2005