

## TABLE OF CONTENTS

1.0 INTRODUCTION .....	1
1.1 Authorisation, Context and Purpose .....	1
1.2 Scope of Works .....	2
1.3 Limitations .....	2
2.0 SITE DESCRIPTION .....	3
2.1 Site Details .....	3
2.2 Proposed Development .....	3
3.0 ENVIRONMENTAL SETTING .....	4
3.1 Site Geology .....	4
3.2 Site Hydrogeology .....	4
3.3 Surface Water Features .....	4
3.4 Environmentally Sensitive Areas .....	5
3.5 Environmental Sensitivity .....	5
4.0 SITE HISTORY .....	6
4.1 Site History: Ordnance Survey Maps .....	6
4.2 Summary of Historical Sources of Potential Contamination .....	7
5.0 REVIEW OF STATUTORY INFORMATION / RECORDS .....	8
5.1 Landmark Envirocheck Report .....	8
5.2 Radon and Coal Information .....	9
5.3 Further Regulatory Information .....	9
6.0 SITE RECONNAISSANCE .....	10
6.1 Site Description .....	10
6.2 Surrounding Land Uses .....	11
6.3 Summary of Potential Sources of Contamination Identified During the Site Reconnaissance .....	11
7.0 CONCEPTUAL SITE MODEL .....	12
7.1 Introduction .....	12
7.2 Conceptual Model .....	12
7.2.1 Summary of Site Description & Environmental Setting .....	12
7.2.2 Contaminant Sources .....	13
7.2.3 Pathways .....	13
7.2.4 Receptors .....	14
7.3 Pollutant Linkages .....	14
8.0 ASSESSMENT OF RISKS AND LIABILITIES .....	17
8.1 Regulatory Body Enforcement .....	17
8.1.1 Part IIA of the EPA 1990 .....	17
8.1.2 Planning Control .....	17
8.1.3 Water Resources Act .....	17
8.1.4 Waste Management .....	18
8.1.5 Control of Asbestos at Work Regulations .....	19
8.2 Third Party Liability .....	19
8.3 Investment/Asset Impact .....	19
8.4 Redevelopment .....	19
9.0 CONCLUSIONS & RECOMMENDATIONS .....	21
9.1 Conclusions .....	21
9.2 Recommendations .....	21
9.3 Statement of Risk .....	22
10.0 LIMITATIONS TO ENVIRONMENTAL ASSESSMENTS .....	23

### **Tables**

Table 1	Scope of Works (excerpt as taken from BS 10175:2001)
Table 2	Site Location Details
Table 3	Key Potentially Contaminative Land Uses Identified On-Site
Table 4	Key Potentially Contaminative Land Uses Identified in the Surrounding Area
Table 5	Relevant Data from Envirocheck Report
Table 6	Radon and Coal Mining Details
Table 7	Key Potential Sources of Contamination Identified from Site Walkover
Table 8	On-Site Contaminant Sources
Table 9	Off-Site Contaminant Sources

### **Figures**

Figure 1	Site Location Map
Figure 2	Site Location Plan
Figure 3	Site Layout Plan
Figure 4	Proposed Development Plan

### **Appendices**

Appendix I	Historical Map Extracts
Appendix II	Envirocheck Report