

VOLUME 1 – PLANNING APPLICATION

Planning Application Forms and Certificates

Planning Supporting Statement

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Site Description
Description of the Development
Review of Planning Policy
Need
Alternatives
Potential Environmental Effects
Summary

Appendices

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Appendix 2 – Statement of Community Engagement
Appendix 3 – BREEAM Industrial Pre-assessment
Appendix 4 – Tree Survey
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Drawings

Drawing 1/1	Site Location Plan
Drawing 1/2	Planning Application Boundary
Drawing 1/3	Site Survey
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Drawing EfW-POR-22	Plan at level 30.0m
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Drawing EfW-POR-28	North East Sectional Elevation
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VOLUME 2 – ENVIRONMENTAL STATEMENT

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- 7.0 Air Quality**
- 8.0 Noise and Vibration**
- 9.0 Geology, Hydrology and Hydrogeology**
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VOLUME 3 ENVIRONMENTAL STATEMENT - TECHNICAL APPENDICES

1.0 INTRODUCTION

Appendix 1A Request for a Scoping Opinion Report to Bristol City Council

Appendix 1B Adopted Scoping Opinion

2.0 SITE AND SURROUNDINGS

Site Location, Context and Survey Plans

3.0 DESCRIPTION OF DEVELOPMENT

No Appendix Document

4.0 PLANNING POLICY

No Appendix Document

5.0 NEED AND ALTERNATIVES

Table 1 Alternative Site Assessment Scoring Matrix
Annex A Sankey Diagram of Treatment Scenarios

6.0 TRAFFIC AND TRANSPORTATION;

Drawings

Drawing 6/1	Site Location
Drawing 6/2	Proposed Highway Improvements
Drawing 6/3	Swept Path Analysis
Drawing 6/4	Study Area Road Network
Drawing 6/5	Personal Injury Accidents

Appendices

Appendix 6/1	Copy of Scoping Correspondence
Appendix 6/2	Proposed Development Layout
Appendix 6/3	Traffic Survey Results
Appendix 6/4	Surveyed Traffic Flow Network Diagrams
Appendix 6/5	Committed Development Traffic Flow Network Diagrams
Appendix 6/6	Baseline Traffic Flow Diagrams
Appendix 6/7	Baseline Capacity Analysis of Existing Severn Road / Chittinging Road Junction
Appendix 6/8	Baseline Capacity Analysis of St. Andrew's Gate Roundabout
Appendix 6/9	Baseline Capacity Analysis of Redwick Crossroads
Appendix 6/10	Accident Data
Appendix 6/11	Traffic Calculations
Appendix 6/12	Net Development Traffic Flow Diagrams

- Appendix 6/13 Base + Development Traffic Flow Diagrams
- Appendix 6/14 Traffic Impact
- Appendix 6/15 'With Development' Capacity Analysis of Improved Severn Road / Chittening Road Junction
- Appendix 6/16 'With Development' Capacity Analysis of St. Andrew's Gate Roundabout
- Appendix 6/17 'With Development' Capacity Analysis of Redwick Crossroads

7.0 AIR QUALITY;

- 7.1 Atmospheric Dispersion Modelling
- 7.2 Traffic Emissions Assessment

8.0 NOISE AND VIBRATION;

- 8/1 Glossary of terminology
- 8/2 Noise Monitoring Equipment
- 8/3 Noise Monitoring Locations
- 8/4 Full Survey Results
- 8/5 List of Plant
- 8/6 Limitations to the Report

9.0 HYDROLOGY AND FLOOD RISK ASSESSMENT;

- 9.1 Borehole Logs
- 9.2 Groundwater Hydrographs
- 9.3 Groundwater Quality
- 9.4 Summary of Environment Agency Surface Water Quality Monitoring
- 9.5 Flood Risk Assessment

Drawings

- 9-1 Regional Geology Map
- 9-2 Regional Hydrology and Hydrogeology
- 9-3 Local Hydrology and Hydrogeology

VOLUME 3 (I) ENVIRONMENTAL STATEMENT - TECHNICAL APPENDICES (CONTINUED)

10.0 LAND QUALITY;

- 10.1 Phase 1 Contamination Due Diligence Report
- 10.2 Phase 2 Due Diligence Land Quality Assessment
- 10.3 Generic Land Quality Risk Assessment

11.0 LANDSCAPE AND VISUAL IMPACT ASSESSMENT;

- APPENDIX 11/1 – Detailed Landscape and Visual Methodology
- APPENDIX 11/2 – Magic Site Report
- APPENDIX 11/3 – Landscape Planning Policy
- APPENDIX 11/4 – Landscape Character Areas
- APPENDIX 11/5 – Glossary

- 11/1 - Landscape Receptors
- 11/2 - Landscape Character
- 11/3 - Topography
- 11/4 - Landscape Setting
- 11/5 - Zone of Theoretical Visibility, Chimney Stack
- 11/6 - Zone of Theoretical Visibility, EfW Building
- 11/7 - Viewpoint A
- 11/8 - Viewpoint B
- 11/9 - Viewpoint C
- 11/10 - Viewpoint D
- 11/11 - Viewpoint E
- 11/12 - Viewpoint F
- 11/13 - Viewpoint G
- 11/14 - Viewpoint H
- 11/15 - Viewpoint I
- 11/16 - Viewpoint J
- 11/17 - Viewpoint K
- 11/18 Conceptual Landscape Masterplan
- 11/19 - Viewpoint A Photomontage
- 11/20 - Viewpoint B Photomontage
- 11/21 - Viewpoint C Photomontage
- 11/22 - Viewpoint D Photomontage
- 11/23 - Viewpoint E Photomontage
- 11/24 - Viewpoint F Photomontage
- 11/25 - Viewpoint G Photomontage
- 11/26 - Viewpoint H Photomontage
- 11/27 - Viewpoint I Photomontage
- 11/28 - Viewpoint J Photomontage
- 11/29 - Viewpoint K Photomontage

12.0 ECOLOGY AND NATURE CONSERVATION;

- 12.1 Results of Extended Phase 1 Habitat Survey
- 12.2 Water Vole Survey

- 12.3 Reptile Survey
- 12.4 Amphibians Survey
- 12.5 Breeding Birds Survey
- 12.6 Invertebrates Survey

Drawing 12-1 Phase 1 Habitat Plan

13.0 CULTURAL HERITAGE;

Drawing 13-1 to 13-7

14.0 CLIMATE CHANGE;

- 14.1 SUSTAINABILITY APPRAISAL
- 14.2 HEAT PLAN

15.0 SOCIO ECONOMIC IMPACT ASSESSMENT;

No Appendices for Chapter 15

16.0 HUMAN HEALTH ASSESSMENT;

Appendix A – Technical Data for HHRA Generic Assessment Criteria
Appendix B – CLEA v1.05 Record Sheets
Appendix C - CLEA Dioxin Worksheet – Infant/Child/Adult/Farmer

17.0 CUMULATIVE IMPACT;

No Appendices for Chapter 17

18.0 CONCLUSIONS

No Appendices for Chapter 18

VOLUME 4

Non Technical Summary