



**Energy from Waste and Recycling Facility
Trident Park Cardiff**

Changes to Application 08/2616/E

Viridor

**January 2010
SLR Ref: 402-0036-00306B**



solutions for today's environment

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1.0 INTRODUCTION

This report accompanies a planning application submitted by Viridor Ltd for an Energy From Waste and Recycling Facility at Trident Park, Cardiff in January 2010.

The full description of the application is as follows:

The erection of an Energy from Waste Facility to include a combined heat and power plant, pre-treatment area, Incinerator Bottom Ash Storage area and ancillary offices at Trident Park, Glass Avenue, off Ocean Way, Cardiff.

A previous planning application (ref 08/02616/E) for an Energy from Waste (EFW) Facility on the same site was refused by Cardiff Council in August 2009. Viridor has considered the reason for refusal, which was contrary to Officers recommendation, and revised the proposal to include additional residual waste and incinerator bottom ash recycling potential.

This report summarises the changes within the planning application and the Environmental Statement that have been made from the previous submission. It is not intended to be a comprehensive schedule, but will assist consultees and decision makers in identifying the changes that have been made in specific documents.

The key change in terms of the site is the addition of an Incinerator Bottom Ash storage facility on the northern flank of the EFW building. The scale, nature of use and design of this additional building is such that material changes to the Environmental Statement are relatively limited. Amendments have been made to the Flood Risk Assessment and the Landscape and Visual Assessment.

Internally, the addition of the waste reception area has increased the efficiency of the proposed EFW and this is reflected within the application.

The opportunity has also been taken to update the planning application to reflect changes in legislation and policy that have occurred since the original application was prepared in 2008, and in respect of transport to include new developments that have been permitted and updated modelling that is available. Finally, changes have been made to reflect the consultation and determination process of the previous application.

The format of this report is to go through each of the volumes submitted with the planning application (including the Environmental Statement) and identify where material changes have been made.

2.0 VOLUME 1 PLANNING APPLICATION

Document	Changes Made	Reasons for Change
Application letter	<ul style="list-style-type: none"> ▪ Revised description of development ▪ Reference to refused application ▪ Identification of changes ▪ Increased reference to benefits 	<ul style="list-style-type: none"> ▪ To reflect revised layout ▪ Update site history ▪ Update Policy etc ▪ Emphasise benefits
Planning application forms	<ul style="list-style-type: none"> ▪ Description of proposal ▪ Cycle spaces increase from 10 to 30 ▪ Variation to drawing references ▪ Increased Footprint 	<ul style="list-style-type: none"> ▪ To reflect amended layout ▪ Following consultation with Cardiff Council ▪ Revised details ▪ To include IBA building
Application drawings	<ul style="list-style-type: none"> ▪ Drawings P0-11 – PO-20 amended to include layout, footprint and elevations of proposed EfW and IBA building ▪ Amendments to internal layout to reflect addition of reception areas at western end of site 	<ul style="list-style-type: none"> ▪ To increase recycling potential ▪ To improve efficiency of operation and building
Design and Access Statement	<ul style="list-style-type: none"> ▪ Changes made to include reference to IBA building and revised internal layout 	<ul style="list-style-type: none"> ▪ To reflect revised layout
Changes Report	<ul style="list-style-type: none"> ▪ Addition of this report 	<ul style="list-style-type: none"> ▪ To identify where amendments in application and ES have been made
Supporting Statement		<ul style="list-style-type: none"> ▪
Para 1.3	<ul style="list-style-type: none"> ▪ Review of Previous Decision 	<ul style="list-style-type: none"> ▪ To identify how application has addressed and ES have been made
Para 2.2	<ul style="list-style-type: none"> ▪ Reference to relevance of previous scoping exercise 	<ul style="list-style-type: none"> ▪ Update
Para 3.1	<ul style="list-style-type: none"> ▪ Changes made to include reference to IBA building and revised internal layout 	<ul style="list-style-type: none"> ▪ To reflect revised layout
Para 3.3	<ul style="list-style-type: none"> ▪ Additional of IBA building dimensions 	<ul style="list-style-type: none"> ▪ To reflect revised layout
Para 3.5	<ul style="list-style-type: none"> ▪ Description of IBA building materials 	<ul style="list-style-type: none"> ▪ To reflect revised layout
Para 3.6.1	<ul style="list-style-type: none"> ▪ Revised timescale 	<ul style="list-style-type: none"> ▪ Update
Para 3.7.1	<ul style="list-style-type: none"> ▪ Description of additional recycling 	<ul style="list-style-type: none"> ▪ To reflect revised layout
Para 3.7.5	<ul style="list-style-type: none"> ▪ Additional IBA/fly ash information 	<ul style="list-style-type: none"> ▪ To address reason for refusal
Para 3.13	<ul style="list-style-type: none"> ▪ Revised Economic information 	<ul style="list-style-type: none"> ▪ Update

Document	Changes Made	Reasons for Change
Para 4.2.3	<ul style="list-style-type: none"> ▪ Inclusion of recently permitted Residual Waste Facilities in the Project Gwyrdd area 	<ul style="list-style-type: none"> ▪ To reflect changes to proposed waste provision in Project Gwyrdd area
Para 4.6.2	<ul style="list-style-type: none"> ▪ Revised site selection report 	<ul style="list-style-type: none"> ▪ Update
Para 7.3.3	<ul style="list-style-type: none"> ▪ Inclusion of Wales Waste Strategy 2002, Wales Waste Strategy 2009. 	<ul style="list-style-type: none"> ▪ Update of policies
Para 7.4.2	<ul style="list-style-type: none"> ▪ Inclusion of South East Regional Waste Plan October 2008 	<ul style="list-style-type: none"> ▪ Policy update
Para 8.2.1	<ul style="list-style-type: none"> ▪ Additional text to consider non-hazardous status of IBA 	<ul style="list-style-type: none"> ▪ To reflect consultation response
Para 8.3.4	<ul style="list-style-type: none"> ▪ Review of latest HPA advice 	<ul style="list-style-type: none"> ▪ Update
Para 9.3.1	<ul style="list-style-type: none"> ▪ Revised Traffic Assessment Review 	<ul style="list-style-type: none"> ▪ To consider modelling and permitted development changes.
Para 9.5.1	<ul style="list-style-type: none"> ▪ Revised Archaeological conclusions 	<ul style="list-style-type: none"> ▪ To address consultation response
Para 9.9.1	<ul style="list-style-type: none"> ▪ Revised economic information 	<ul style="list-style-type: none"> ▪ Update

3.0 VOLUME 2 ENVIRONMENTAL STATEMENT

Paragraph	Change	Reason
1.1	<ul style="list-style-type: none"> Amended description 	<ul style="list-style-type: none"> To reflect additional recycling potential
1.1	<ul style="list-style-type: none"> Reference to previous application 	<ul style="list-style-type: none"> To update ES
1.3	<ul style="list-style-type: none"> Additional reference to recycling and waste reception areas 	<ul style="list-style-type: none"> To reflect additional recycling potential
1.3	<ul style="list-style-type: none"> Summary of IBA facility 	<ul style="list-style-type: none"> To reflect additional recycling potential
1.4	<ul style="list-style-type: none"> Inclusion of reference to Project Gwyrdd 	<ul style="list-style-type: none"> To reflect advances made within the partnership
2.2	<ul style="list-style-type: none"> Reference to relevance of previous scoping exercise 	<ul style="list-style-type: none"> Update
2.3	<ul style="list-style-type: none"> Reference to submission of Environmental Permit 	<ul style="list-style-type: none"> Update
2.4	<ul style="list-style-type: none"> Reference to Public Exhibition held in February 2009 	<ul style="list-style-type: none"> Update community involvement
4.1	<ul style="list-style-type: none"> Reference to front end recycling and IBA 	<ul style="list-style-type: none"> To increase efficiency of plant
Table 4 – 1	<ul style="list-style-type: none"> Amended references to layout drawings 	<ul style="list-style-type: none"> To reflect changes to the internal and external arrangements
4.3	<ul style="list-style-type: none"> Revised dimensions of facility 	<ul style="list-style-type: none"> To reflect changes to the internal and external arrangements
4.5	<ul style="list-style-type: none"> Change to inclusion of building materials used in IBA building 	<ul style="list-style-type: none"> To reflect additional building
4.7.1	<ul style="list-style-type: none"> Inclusion for need of front end recycling 	<ul style="list-style-type: none"> To improve efficiency of development
4.7.5	<ul style="list-style-type: none"> Description of IBA building and process 	<ul style="list-style-type: none"> To improve efficiency of development
4.7.5	<ul style="list-style-type: none"> Update on potential alternative fly ash treatments 	<ul style="list-style-type: none"> To reflect reasons for refusal
4.7	<ul style="list-style-type: none"> Revised reference to Appendix 6 	<ul style="list-style-type: none"> Update
5.1	<ul style="list-style-type: none"> Inclusion of Wales Waste Strategy 2002, Wales Waste Strategy 2009, South East Regional Waste Plan October 2008 	<ul style="list-style-type: none"> Update of policies
5.3.3	<ul style="list-style-type: none"> Inclusion of National Waste Strategy for Wales Review and Revised National Strategy for Waste. 	<ul style="list-style-type: none"> Policy update
5.3.9	<ul style="list-style-type: none"> Text to reflect TAN 12: Design July 2009 	<ul style="list-style-type: none"> Policy update
5.4.1	<ul style="list-style-type: none"> Deletion of former South East Wales Regional Waste Plan and 	<ul style="list-style-type: none"> Policy Update

Paragraph	Change	Reason
	inclusion of October 2008 First Review	
5.4.1	<ul style="list-style-type: none"> ▪ Inclusion to reference of Hazardous Landfill Regional Guidance 	<ul style="list-style-type: none"> ▪ To address reasons for refusal
5.6.1	<ul style="list-style-type: none"> ▪ Update of LDP process 	<ul style="list-style-type: none"> ▪ Policy Update
6.4	<ul style="list-style-type: none"> ▪ Inclusion of recently permitted Residual Waste Facilities in the Project Gwyrdd area 	<ul style="list-style-type: none"> ▪ To reflect changes to proposed waste provision in Project Gwyrdd area
6.7	<ul style="list-style-type: none"> ▪ Update of need argument 	<ul style="list-style-type: none"> ▪ To reflect changes to proposed waste provision in Project Gwyrdd area
6.9.2	<ul style="list-style-type: none"> ▪ Removal of Newport Docks from site selection process 	<ul style="list-style-type: none"> ▪ To reflect changes to proposed waste provision in Project Gwyrdd area
9.4.1	<ul style="list-style-type: none"> ▪ Revised footprint area and calculations 	<ul style="list-style-type: none"> ▪ Amended development footprint
10.0	<ul style="list-style-type: none"> ▪ Traffic Assessment re-written 	<ul style="list-style-type: none"> ▪ Revised to reflect permitted developments, policy changes and amended modelling.
12.0	<ul style="list-style-type: none"> ▪ Archaeological Impact Assessment included 	<ul style="list-style-type: none"> ▪ To incorporate consultation response from GGAT
13.0 – 13.2	<ul style="list-style-type: none"> ▪ Revised policy 	<ul style="list-style-type: none"> ▪ Update
18.4.3	<ul style="list-style-type: none"> ▪ Updated economic activity 	<ul style="list-style-type: none"> ▪ To incorporate changes to economic climate since previous submission
19.3.1	<ul style="list-style-type: none"> ▪ Amendments to traffic figures 	<ul style="list-style-type: none"> ▪ Update
19.3.2	<ul style="list-style-type: none"> ▪ Revised reference to fly ash 	<ul style="list-style-type: none"> ▪ To reflect reason for refusal
20.4	<ul style="list-style-type: none"> ▪ Amendments to Highways Impact and Mitigation 	<ul style="list-style-type: none"> ▪ To incorporate latest traffic figures
20.7	<ul style="list-style-type: none"> ▪ Inclusion of Cultural Heritage Mitigation 	<ul style="list-style-type: none"> ▪ To reflect Archaeological Impact Assessment
22.0	<ul style="list-style-type: none"> ▪ Revised conclusions 	<ul style="list-style-type: none"> ▪ To reflect amendments to application, potential benefits and overall summary

4.0 VOLUME 3A ENVIRONMENTAL STATEMENT APPENDICES

Document	Changes Made
Appendix One Scoping Letter & Report	None
Appendix Two Scoping Opinion	None
Appendix Three Statement of Community Engagement	<ul style="list-style-type: none">▪ Updated to include post-submission consultation
Appendix Four Planning History	<ul style="list-style-type: none">▪ Updated history of application site▪ Details of permitted schemes in immediate vicinity since November 2008
Appendix Five Flood Risk Assessment	<ul style="list-style-type: none">▪ Amended footprint calculations
Appendix Six Design Specification	<ul style="list-style-type: none">▪ Extract from Environmental Permit Best Available Technology Report to reflect latest specification.
Appendix Seven Heat Plan	None
Appendix Eight Travel Plan	<ul style="list-style-type: none">▪ Revisions to reflect consultation during previous application and updated area conditions.
Appendix Nine Carbon Footprint	None
Appendix Ten Sustainability Appraisal	<ul style="list-style-type: none">▪ Revised policy review to include latest policy.

5.0 VOLUME 3B ENVIRONMENTAL STATEMENT APPENDICES

Document	Changes Made
Appendix Eleven BREEAM Assessment	None
Appendix Twelve Human Health Review	None
Appendix Thirteen Site Selection Report	<ul style="list-style-type: none">Comprehensive review of previous assessment to consider change in circumstances of sites, policy updates, procurement process.
Appendix Fourteen Preliminary Contaminated Assessment	None
Appendix Fifteen Phase II Site Investigation Report	None

6.0 VOLUME 3C ENVIRONMENTAL STATEMENT APPENDICES

Document	Changes Made
Appendix Sixteen Transport Assessment	<ul style="list-style-type: none">Comprehensive review to include reference to update modelling, new accident records, revised development timescale, revised permitted development in area.
Appendix Seventeen Ecological SEWBREC Plans	None
Appendix Eighteen Archaeological Impact Assessment	<ul style="list-style-type: none">Inclusion of Impact Assessment prepared in February 2009 in response to original planning application consultation
Appendix Nineteen Air Quality Technical Report	<ul style="list-style-type: none">Comprehensive review to consider updated legislation and policy, and implications for modelling results.
Appendix Twenty Landscape & Visual Impact Assessment	<ul style="list-style-type: none">Not sure yet.
Appendix Twenty-One Acoustic Appendices	None