

APPENDIX F

Copy of all responses received
from the specialist consultants



Consultee Ref: 1

**WELSH GOVERNMENT DEPARTMENT FOR
ENVIRONMENT AND RURAL AFFAIRS
(RESPONSE RECEIVED: 30 JANUARY 2017)**

Gregory Evans

From: James.Cooke@wales.gsi.gov.uk
Sent: 30 January 2017 10:42
To: Jasmine Iszard
Subject: FW: Pre-Application Consultation
Attachments: Statutory pre-app.pdf

Dear Sir / Madam

Thank you for consulting the Department with regard to a pre-application (attached) consultation under Part 1A of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012 (DMPWO).

With regard to Agricultural Land Classification and Planning Policy Wales 4.10.1, **the Department has no observations to make.**

This response is made solely on the basis of the effect on the national agricultural interest, and is made independently of the views or observations of other Departments within the Welsh Government that may wish to exercise a remit to comment.

Yours faithfully

R.J. Cooke

Adran yr Amgylchedd a Materion Gwledig | Department for Environment and Rural Affairs
Llywodraeth Cymru | Welsh Government
Llandrindod
Spa Road East
Powys
LD1 5HA

Agricultural Land Classification: <http://gov.wales/topics/environmentcountryside/farmingandcountryside/agricultural-land-classification/?lang=en>

James.Cooke@wales.gsi.gov.uk



Ffon/ Tel: 01597 828211 Fax/Facs: 01597 828304

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Wrth adael Mewnwyd Ddiogel y Llywodraeth nid oedd unrhyw feirws yn gysylltiedig â'r neges hon.

Mae'n ddigon posibl y bydd unrhyw ohebiaeth drwy'r GSi yn cael ei logio, ei monitro a/neu ei chofnodi yn awtomatig am resymau cyfreithiol.

Consultee Ref: 2

WELSH GOVERNMENT DEPARTMENT FOR TRANSPORT
(RESPONSES RECEIVED: 8 AND 20 FEBRUARY 2017)

Gregory Evans

From: Amanda Owen [AOwen@en-visage.co.uk]
Sent: 20 February 2017 12:12
To: Richard.Jones7@wales.gsi.gov.uk
Cc: A.Webb@southwales-tra.gov.uk; Aqib.Afzal@wales.gsi.gov.uk; Jasmine Iszard; David Williams; Karl Cradick; GREvans@savills.com
Subject: RE: Enviroparks Wales Limited - Pre-application Consultation

Hello Richard, and thank you for your e-mail, and time on the 'phone.

To confirm, you have seen all of the detail thus far provided, and understand that until such time as a detailed construction timetable is available, it will not be possible to provide any more detailed information on traffic movements or any management plan other than that which has already been supplied. However, as and when the timetable and traffic movements are clearer, you would expect a construction traffic management plan to be in place in order to minimise the impacts on the A465 and the travelling public.

If I have mis-interpreted your comments either from your e-mail below or from our discussion, please do reply to this e-mail, copying all parties in.

With thanks for your comments and regards,

Amanda.

Dr Amanda Owen
Environmental Consultant
Tel: 01453 752731 Mob: 07970 712243

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Environmental Visage Limited
Stroud House,
Russell Street,
Stroud,
Gloucestershire,
GL5 3AN

From: Richard.Jones7@wales.gsi.gov.uk [mailto:Richard.Jones7@wales.gsi.gov.uk]
Sent: 20 February 2017 11:41
To: Amanda Owen <AOwen@en-visage.co.uk>
Cc: A.Webb@southwales-tra.gov.uk; Aqib.Afzal@wales.gsi.gov.uk
Subject: RE: Enviroparks Wales Limited - Pre-application Consultation

Dear Dr Owen,

The site has a previous consent and the pre-application consultation shows that the development trips would not be material on the trunk road highway network.

The construction phase does however have the potential to impact on the A465. We would therefore require sight and input to the supporting Traffic Management Plan which should seek to

minimise impacts on the A465 and the travelling public. Please signpost me to the TMP if there is one as part of the information.

Regards
Richard

Richard Jones
Peiriannydd Ffyrdd / Route Engineer

Is-adran Rheoli'r Rhwydwaith - Network Management Division
Trafnidiaeth / Transport
Llywodraeth Cymru / Welsh Government
Parc Cathays / Cathays Park
Caerdydd / Cardiff

Ffôn / Tel: 02920 826573

From: Amanda Owen [<mailto:AOWen@en-visage.co.uk>]
Sent: 10 February 2017 10:35
To: Jones, Richard (EST - Transport)
Subject: Enviroparks Wales Limited - Pre-application Consultation

Dear Richard,

Thank you for your comments on the above pre-application consultation which have been received by Enviroparks.

Environmental Visage Limited prepared the transport chapter addendum and I was hoping to run through your comments with you if at all possible please.? I've tried to call but you're phone does not appear to be accessible, either externally, or from your switchboard. Could you provide another appropriate telephone number please or alternatively, please feel free to give me a call when you can.

With thanks and regards,

Amanda.

Dr Amanda Owen
Environmental Consultant
Tel: 01453 752731 Mob: 07970 712243

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Environmental Visage Limited
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Russell Street,
Stroud,
Gloucestershire,
GL5 3AN

From: Richard.Jones7@wales.gsi.gov.uk [<mailto:Richard.Jones7@wales.gsi.gov.uk>]
Sent: 08 February 2017 14:42

To: Jasmine Iszard <jasmine.iszard@enviroparks.co.uk>

Cc: Aqib.Afzal@wales.gsi.gov.uk; G.Phillips@southwales-tra.gov.uk; Mark.Dixon@wales.gsi.gov.uk

Subject: Gas fired powerstation Hirwaen

FAO Sarah Bevan, Savills

Many thanks for the consultation. The amendments do not effect a material change to transport impacts and our previous comments are therefore reiterated (appended below).

'There appear to be no major issues, but there is very little detail on which to provide comments. For a 1 to 3 year construction period it will be necessary to provide a comprehensive construction traffic management plan and a full transport assessment to the Welsh Government as the highway authority for the trunk road system. You advise that you will hold discussions with the Highways Agency. Please be aware that transport is devolved, so for the routes in Wales you will need to seek approval from the Welsh Government.

It is noted that there is no start and end date to the construction period. Therefore you might need to consider the implications of the improvement of the adjacent section of the A465 in the context of the delivery schedule.'

Regards

Richard Jones

Peiriannydd Ffyrdd / Route Engineer

Is-adran Rheoli'r Rhwydwaith - Network Management Division

Trafnidiaeth / Transport

Llywodraeth Cymru / Welsh Government

Parc Cathays / Cathays Park

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Consultee Ref: 3
NATURAL RESOURCES WALES
(RESPONSE RECEIVED: 20 FEBRUARY 2017)



**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

**Ein cyf/Our ref: CAS-28600-T1Y9
Eich cyf/Your ref: n/a**

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Savills
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BH21 1PB

FAO: Sarah Bevan

20 February 2017

Annwyl Syr/Madam / Dear Sir/Madam

**STATUTORY PRE-APPLICATION CONSULTATION - TOWN AND COUNTRY
PLANNING (DEVELOPMENT MANAGEMENT PROCEDURE) (WALES)
(AMENDMENT) ORDER 2016**

Amended phase II development and operation of a sustainable waste resource recovery and energy production park, comprising the consolidation of the approved gasification yard and pyrolysis building into a 6,270.43m² gasification hall; an emissions stack measuring 45m in height and 4.5m in diameter; a 2,102.86m² fuel storage hall and a 378m² turbine hall for electricity generation; and a 4,824m² open service yard containing ancillary structures including air-cooled condensers for the gasification plant, ancillary fire water tanks and a fire pumphouse, effluent pumps, gas boosters, transformers and a standby diesel generator and fuel tank, with boundary landscape and planting at land at Fifth Avenue, Hirwaun Industrial Estate, Hirwaun, Aberdare.

Thank you for providing a requisite notice to us under Article 2D of the above Order. We received a copy of your proposed application on 20 January 2017.

Based upon the information provided, we would recommend that the LPA should only grant planning permission if a Habitats Regulation Assessment (HRA) is undertaken that demonstrates that there is no adverse effect on site integrity.

Habitats Regulations Assessment

A HRA, to be undertaken by the Local Authority, will be required to inform the determination of this application. A HRA was undertaken for the previous application at Enviroparks and that should now be updated to consider the new proposals. The new proposals result in different emissions (such as Ammonia, Benzene, Heavy Metals, Cadmium and Poly Aromatic Hydrocarbons (PAH)), and different rates of acid and nitrogen deposition. In addition, since the original HRA, new developments

have been proposed / constructed in the local area and these will need to be considered in the context of the HRA.

Under the Conservation of Habitats and Species Regulations 2010 (as amended) and based on the information currently available, we are unable to conclude that the proposals will give not give rise to Likely Significant Effects on the SAC. We would advise that it is necessary to carry out an Appropriate Assessment of the potential effects on the integrity of the relevant SACs.

In addition to the above, it would be helpful if you could clarify whether any local air quality monitoring has been undertaken to date. We have previously provided advice in relation to monitoring, which we understood was going to be undertaken as part of the Enviroparks development. Local monitoring would facilitate a better understanding of the situation at Blaen Cynon SAC with regard to nutrient nitrogen deposition and therefore please could you confirm whether any has been undertaken to date and if so provide details.

Providing the HRA demonstrates that there is no adverse effect on site integrity, we would raise no objection to the application, subject to appropriate conditions being attached to any future permission regarding the following matters. This list is not exhaustive, providing that the above matter is satisfactory resolved we will provide a final list of conditions at that point:

Dust impacts upon designated sites

If dust mitigation can avoid dust depositions of 200mg/m²/day at the nearest designated site then that should be sufficient to reduce the potential risk of damage to the features. It is generally accepted that dust depositions of 200mg/m²/day are considered nuisance deposition at residential receptors. Therefore, we will ask that a condition be imposed on any permission granted that a Dust Management Plan (covering both the construction and operational phases) be submitted and agreed with the LPA's prior to any development commencing.

Land Contamination

We have reviewed the following information in order to provide you with advice:

1. Design and Access Statement.
2. Environmental Statement – relevant section Chapter 11.
3. Geo-Environmental Assessment – Phase 2 Development, Enviroparks Wales, Hirwaun. Produced by Pell Frischmann, RQ80023G001A, dated January 2017.

We understand that site investigation works have been undertaken for all phases of this development and that the work completed to date has identified contamination around the site. We understand that further investigation work is proposed within the Phase 2 area. Therefore, we will recommend that the below conditions are imposed on any future planning permission granted by the Local Planning Authorities. However, if the proposed additional site investigation has been completed and submitted with the formal planning application, it may negate the need for these conditions. If the additional site investigation concludes that

remediation works are needed the following conditions should still be imposed on any planning permission granted.

Condition

Prior to the commencement of the development approved by this planning permission (or such other date or stage in the development as may be agreed in writing with the Local Planning Authority), the following components of a scheme to deal with the risks associated with contamination of the site shall each be submitted to and approved, in writing, by the local planning authority:

1. A preliminary risk assessment which has identified;
 - all previous uses;
 - potential contaminants associated with those uses;
 - a conceptual model of the site indicating sources, pathways and receptors;
 - potentially unacceptable risks arising from contamination at the site.
2. A site investigation scheme, based on (1) to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off site.
3. The results of the site investigation and detailed risk assessment referred to in (2) and, based on these, an options appraisal and remediation strategy giving full details of the remediation measures required and how they are to be undertaken.
4. A verification plan providing details of the data that will be collected in order to demonstrate that the works set out in the remediation strategy in (3) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action.

Any changes to these components require the express consent of the local planning authority. The scheme shall be implemented as approved.

Reason

Natural Resources Wales considers that the controlled waters at this site are of high environmental sensitivity and contamination is known/strongly suspected at the site from the previous use of the site.

Condition

Prior to [commencement of development]/ [occupation of any part of the permitted development], a verification report demonstrating completion of the works set out in the approved remediation strategy and the effectiveness of the remediation shall be submitted to and approved, in writing, by the local planning authority. The report shall include results of sampling and monitoring carried out in accordance with the approved verification plan to demonstrate that the site remediation criteria have been met. It shall also include any plan (a “long-term monitoring and maintenance plan”) for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action, as identified in the verification plan, and for the reporting of this to the local planning authority. The long-term monitoring and maintenance plan shall be implemented as approved.

Reason

To demonstrate that the remediation criteria relating to controlled waters have been met and (if necessary) to secure longer-term monitoring of groundwater quality. This will ensure that there are no longer remaining unacceptable risks to controlled waters following remediation of the site.

Condition

Reports on monitoring, maintenance and any contingency action carried out in accordance with a long-term monitoring and maintenance plan shall be submitted to the local planning authority as set out in that plan. On completion of the monitoring programme a final report demonstrating that all long-term site remediation criteria have been met and documenting the decision to cease monitoring shall be submitted to and approved in writing by the local planning authority.

Reason

To ensure that longer term remediation criteria relating to controlled waters have been met. This will ensure that there are no longer remaining unacceptable risks to controlled waters following remediation of the site.

Condition

If, during development, contamination not previously identified is found to be present at the site then no further development (unless otherwise agreed in writing with the local planning authority) shall be carried out until the developer has submitted, and obtained written approval from the local planning authority for, a remediation strategy detailing how this unsuspected contamination shall be dealt with. The remediation strategy shall be implemented as approved.

Reason

Given the size/complexity of the site it is considered possible that there may be unidentified areas of contamination at the site that could pose a risk to controlled waters if they are not remediated.

These conditions have been recommended as we are satisfied that there are generic remedial options available to deal with the risks to controlled waters posed by contamination at this site. However, further details will be required in order to ensure that risks are appropriately addressed prior to development commencing.

In line with the advice given in Planning Policy for Wales we understand that the Local Planning Authority must decide whether to obtain such information prior to determining the application or as a condition of the permission.

Further advice to applicant

We recommend that developers should:

1. Follow the risk management framework provided in CLR11, Model procedures for the management of land contamination, when dealing with land affected by contamination.
2. Refer to the Environment Agency "Guiding Principles for Land Contamination" (which has been adopted by NRW) for the type of information required in order to assess risks to controlled waters from the site. The local authority can advise on risk to other receptors, e.g. human health.

The treatment and disposal of contaminated soils and groundwater is regulated by waste legislation and requires an environmental permit. Contaminated soil that is excavated, recovered or disposed of, is controlled waste. Therefore, its handling, transport, treatment and disposal is subject to waste management legislation, which includes:

- Duty of Care Regulations 1991
- Hazardous Waste (England and Wales) Regulations 2005

- Environmental Permitting (England and Wales) Regulations 2010

Excavated materials that are recovered via a treatment operation can be re-used on-site under the CL:AIRE Definition of Waste: Development Industry Code of Practice. This voluntary Code of Practice provides a framework for determining whether or not excavated material arising from site during remediation and/or land development works are waste.

Developers should ensure that all contaminated materials are adequately characterised both chemically and physically, and that the permitting status of any proposed on site operations are clear. If in doubt, we should be contacted for advice at an early stage to avoid any delays.

We recommend that developers should refer to our:

- Position statement on the Definition of Waste: Development Industry Code of Practice and;
- website at www.naturalresourceswales.gov.uk for further guidance.

Landscape (Brecon Beacons National Park)

As you are aware, the site lies partly within the National Park. We have reviewed the Landscape and Visual Impact Assessment (LVIA) submitted and we do not consider that there would be a significant adverse landscape or visual impact on the Brecon Beacons National Park.

We recommend that any proposal taken forward should be accompanied by a Landscape and Ecological Management Plan, to ensure the ongoing establishment and management of the proposed planting and other features to the perimeter of the site.

Technical Advice Note 21

Please note, as this application is substantially different to the previous application, the LPA may require a TAN21 needs assessment. We believe that this may be necessary as the original planning application was submitted a number of years ago. We suggest you discuss this further with the LPA.

Further to the above advice, we also provide the following comments on Environmental Permit Regulations for your information:

Permit Requirements (Environmental Permit Regulations 2010 (as amended) - EPR)

We understand that a substantial variation to the existing Permit will be required for these activities. We strongly recommend the twin-tracking of the planning application and the environmental permit application for this development.

The Permit variation will require an update to the site conditioning report and assessment from the original application. The variation application must include an

OMP (Odour Management Plan), Noise Management Plan and Dust Management Plan.

Minimum emissions, monitoring and process operating standards will be set by Chapter IV requirements of Industrial Emissions Directive. You should be aware that the review of the current Best Available Techniques (BAT) reference (Bref) document for incineration and co-incineration plant has recently started and the outcome of this review may result in tighter mandatory BAT Associated Emission Levels (AELs) applying to this proposed development. Attention should therefore be given to the progress of the Bref review and the development of BAT AELs during the preparation of planning and permit applications.

With regards to the Atmospheric Dispersion Model submitted in support of this pre-application consultation, we have completed a high level review of the Model. This review document is included in Annex 1 of this letter. At this stage, we do not require any further information, however a number of comments made in this review document may need to be addressed in order to support a permit application.

It should be noted that NRW's remit as a statutory consultee in respect of the planning application is distinct and separate from its functions under the EPR. Any such application for a permit (or indeed any application under other relevant legislation) will be determined on its own merits and such application could be granted or refused.

Our comments above only relate specifically to matters that are included on our checklist Natural Resources Wales and Planning Consultations (March 2015) which is published on our website at this link (<https://naturalresources.wales/planning-and-development/planning-and-development/?lang=en>). We have not considered potential effects on other matters and do not rule out the potential for the proposed development to affect other interests, including environmental interests of local importance. The applicant should be advised that, in addition to planning permission, it is their responsibility to ensure that they secure all other permits/consents relevant to their development.

If you have any further queries, please don't hesitate to contact us.

Yn gywir / Yours faithfully

Helen Griffiths

Ymgynghorydd Cynllunio Datblygu / Development Planning Advisor

Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffon / Tel: 03000 653188

Gwefan / Website: www.cyfoethnaturiolcymru.gov.uk /

www.naturalresourceswales.gov.uk

Ein diben yw sicrhau bod adnoddau naturiol Cymru yn cael eu cynnal, eu gwella a'u defnyddio yn gynaliadwy, yn awr ac yn y dyfodol.

Our purpose is to ensure that the natural resources of Wales are sustainably maintained, enhanced and used, now and in the future.

Consultee Ref: 4

**NATURAL RESOURCES WALES: AIR QUALITY
MODELLING AND RISK ASSESSMENT TEAM
(RESPONSE DATED: 16 FEBRUARY 2017)**

AQMRAT Reference: C236_RP01

Project Title: Enviroparks Wales Ltd. (EWL), Hirwaun Industrial Estate, Aberdare – High level review of Atmospheric Dispersion Modelling submitted in support of pre-application (planning).

Response Date: 16th February 2017

1 Introduction

- 1.1 The South East Wales Development Planning Team requested that the Air Quality Modelling and Risk Assessment Team (AQMRAT) undertake a high level review of the modelling procedure detailed in an Atmospheric Dispersion Modelling report¹ submitted as part of the statutory pre-application (planning) process for a proposed resource recovery and energy production plant at Hirwaun Industrial Estate, Aberdare.
- 1.2 The proposed plant will be located on an industrial estate located approximately 1.5km to the west-north-west of the nearest residential areas of Hirwaun. Emissions from three gasifier flues situated within a common wind shield will be released to atmosphere at a relative height of 45m. Modelled emission rates used in reported scenarios were derived from the Industrial Emissions Directive (IED) limits and process parameters provided by the technology provider. Additional modelling was also undertaken using estimated likely emissions.
- 1.3 In addition to existing background concentrations, modelling of emissions from the proposed facility was also undertaken in conjunction with impacts from surrounding facilities whose emissions would be likely to have a combined impact at receptors.

2 Detailed Comments

- 2.1 Modelling was carried out using ADMS version 5.2 which represents the most recent version of the dispersion modelling software available.
- 2.2 Calculations of emission parameters including flow rate and velocity are consistent with figures provided although these are not measured values and represent intended design specifications only.
- 2.3 Release rates based on IED limits, estimated likely emissions and abatement failure scenarios are consistent with the volumetric flow rate provided. It should be noted that no supporting information has been provided in the report regarding derivation of estimated likely emissions and emission concentrations during abatement failure.
- 2.4 Buildings likely to have an impact on dispersion have been included in the modelling procedure. Screening out possible impacts of ventilation and condenser fans on the main plume using modelling is a reasonable precaution although we are unable to comment on the results as insufficient information is provided.
- 2.5 Meteorological data was obtained from the Met Offices Sennybridge synoptic measurement station with cloud cover data from St. Athan completing the missing 10%

¹ Amanda Owen, Environmental Visage Ltd., (January 2017) "Atmospheric Dispersion Modelling Assessment of Proposed Emissions from Enviroparks Wales Ltd., Hirwaun Industrial Estate, Aberdare" Report Issue No: Issue 1

of data in the Sennybridge data set. The Sennybridge station is actually located 35 km (22 miles) away from the proposed site, not 22 km as stated in the report. There are some topographical feature differences between the Met data station and proposed facility locations which may result in the Sennybridge data not being representative of local meteorological conditions likely to prevail at the Hirwaun Industrial Estate location. In the absence of available representative hourly synoptic observations from nearby Met Office monitoring stations, a sensitivity analysis may be undertaken using the Met Offices Numerical Weather Prediction (NWP-UM)² data which has a horizontal resolution of 1.5 km.

- 2.6 The consultant has used a minimum of five years of meteorological data to ensure capture of the majority of meteorological conditions likely to be encountered. While the abatement failure scenario only uses a single meteorological data year, the report states that the year selected results in the majority of maximum PCs under standard operating conditions. While we cannot therefore comment on the probability of capturing the maximum PC during this scenario, it should be sufficient to indicate the magnitude of expected impacts resulting from abatement failure.
- 2.7 Approximately 29% of the terrain within a 2km grid centred on the proposed emission source has a slope greater than 1 in 10 (based on 5m resolution DMS terrain). We would therefore recommend the use of the complex terrain module in this instance and agree that Landform Panorama digital data with a horizontal resolution of 50m is an acceptable format in this instance. Selection of surface roughness value at the dispersion site appears suitable to reflect the mixture of land-use types in the immediate area.
- 2.8 A 50 m resolution output grid has been specified in the model in addition to a number of environmental and human receptors. The grid resolution is sufficient in this instance although higher resolution grids could be run in the region of the predicted maximum concentrations to ensure the maximum PC has been captured.
- 2.9 The majority of environmental receptor coordinates provided are not located at the point nearest to the emission source. There is no guarantee that the 50m resolution grid will capture the maximum impact at designated sites and it would therefore be more conservative to provide coordinates for each designated site at a point nearest to the source.
- 2.10 No ancient woodland receptors have been included in the submitted assessment while our search returned forty three areas designated as ancient woodland within 2 km of the proposed site. Healthy ancient woodland habitats are often associated with lichen and bryophyte communities and in the absence of a submitted survey indicating no lichens and / or bryophytes are present, NH₃ impacts at these sites should be assessed against the lower critical level (CLE) of 1 µg.m⁻³ as a precautionary measure. In addition, three additional residential properties should be considered as human receptors (Trebanog Fach farmhouse X:294404 Y:207396, Bryn-Hir on Rhigos Road X:293510 Y:206080 and Buckleys Bungalow on Fifth Avenue X:293312 Y:206820).
- 2.11 Suitable output has been selected to generate long term annual average, maximum short term averages and percentiles required for comparison with relevant Air Quality Standards and Objectives.
- 2.12 Air Quality Objectives (AQOs), Air Quality Standards (AQS'), Environmental Assessment Levels (EALs) and CLE's used for comparison in the submitted report are correct with the exception of the CLE for NH₃. NH₃ CLE for environments where bryophytes and lichens are present should be 1 µg/m³, not 3 µg/m³ as indicated in Table 9 of the submitted report. Conversely, NH₃ CLE for other environments should

² For more details see: <http://www.metoffice.gov.uk/research/modelling-systems/unified-model/weather-forecasting>

be 3 $\mu\text{g}/\text{m}^3$, not 1 $\mu\text{g}/\text{m}^3$. For the purpose of comparison against the relevant AQS, AQO and EALs, the report assumes a 100% of NO_x as NO₂ for long term and 50% NO_x as NO₂.

- 2.13 Additional Model Considerations include impacts from external sources which emit pollutants which are likely to have a combined effect with emissions from the Enviroparks facility. No additional details of how these models were run has been included in the submitted report. Assessment of the accuracy or suitability of additional input for these external sources is outside the scope of this report.
- 2.14 The report indicates use of non-standard deposition velocities due to the mix of short vegetation and wooded areas over the surrounding area. AQMRAT recommend using the correct relevant deposition velocities identified by CERC for the different terrain types coinciding with the receptor location as specified in Table 8.1 of AQTAG 06 (March 2014).
- 2.15 The report states that it assumes 100% of long term NO_x as NO₂ for the purposes of deposition. While NH₃, NO₂ and SO₂ have been considered for nutrient nitrogen and acid deposition (dry), there is no indication that deposition of HCl (wet & dry) has been included in acid deposition calculations. In addition, contributions from external sources have not been included in deposition calculations. It is unclear whether contributions from external facilities have already been accounted for in existing background deposition values.
- 2.16 Background concentrations have been obtained at a single location for NH₃, NO_x as NO₂, PM₁₀, PM_{2.5}, SO₂, CO and Benzene rather than at mapped grid locations closest to the receptor coordinates. Mapped background may be higher or lower at actual receptor locations and it is therefore not clear if this represents a precautionary approach.
- 2.17 For NH₃, at the grid coordinates used for general area background in the submitted report, APIS provides a value of 0.64 $\mu\text{g}\cdot\text{m}^{-3}$ (2012 - 2014) based on spatially estimated NH₃ emissions at a 5 km grid resolution. This compares with the reported mean value (2015) from the Llyn Brianne monitoring location of 0.299 $\mu\text{g}\cdot\text{m}^{-3}$ which lies 44km to the NNW of the general background coordinates provided. The consultant should justify their rationale that the NH₃ concentration at the Llyn Brianne site is likely to be more representative at sensitive receptors than the APIS values.
- 2.18 For NO_x as NO₂, PM₁₀ and PM_{2.5} background, the submitted report uses the background mapping data for local authorities which is adjusted data using the 2013 background map as the reference. We would recommend using the most recent year of DEFRA's modelled pollution background maps (<https://uk-air.defra.gov.uk/data/pcm-data>) for these pollutants (see Background Concentration Maps User Guide, DEFRA October 2016). Background concentrations of SO₂, CO and VOC's (as benzene) were based on the 2001 reference year adjusted to 2016 using the appropriate year adjustment factors.
- 2.19 The submitted report uses metals background data from the Pontardawe Brecon Road monitoring station of the UK Heavy Metals monitoring network obtained from DEFRA (https://uk-air.defra.gov.uk/data/data_selector?show=non-auto). The site represents an urban industrial environment type and is likely to be reasonably precautionary in this instance.
- 2.20 The submitted report states that a number of wind farms both operational and currently under construction are unlikely to have a significant effect due to their proximity exceeding 3.5 km. While it is unlikely that turbine wake will have an effect on plume behaviour in this instance, sensitivity studies may be undertaken in ADMS if required using the "wind turbine effects" option.

Consultee Ref: 5

**RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL
HIGHWAY DEVELOPMENT CONTROL
(RESPONSE RECEIVED: 16 FEBRUARY 2017)**

Gregory Evans

From: Rees, Alan (HDC) [Alan.Rees@rctcbc.gov.uk]
Sent: 16 February 2017 14:38
To: Jasmine Iszard; 'sbevan@savills.com'
Cc: Zeinali, Souren
Subject: Article 2D Consultation - Enviroparks, Hirwaun Industrial Estate
Attachments: S3-EST-176 Article 2D Pre-planning Consultation, Enviroparks, Hirwaun.pdf

File Ref S3/EST/176

Town and Country Planning (Development Management Procedure) (Wales) Order 2012 Article 2D Consultation Before Applying for Planning Permission

In accordance with Article 2E please find consultation response attached.

Regards

Alan Rees

Uwch Beirianydd | Senior Engineer

Rheoli Datblygiad Y Priffyrd | Highway Development Control
Tŷ Sardis | Sardis House
Ffordd Sardis | Sardis Road
Pontypridd
CF37 1DU

Ffôn | Phone: (01443) 494885
E-bost | E-mail: alan.rees@rctcbc.gov.uk

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Savills
Wessex House
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East Borough
Wimbourne
BH21 1 PB

My Ref/Fy Nghyf : S3/EST/176

Tel. Ext/Est. Ffôn : 4885

Your Ref/Eich Cyf:

Date/Dyddiad : 16th February 2017

FOA Sarah Bevan

**Town and Country Planning (Development Management Procedure) (Wales)
(Amendment) Order 2012
Consultation Before Applying for Planning Permission**

Amended Phase II development and operation of a sustainable waste resource recovery and energy production park at Enviroparks (Wales) Ltd, Fifth Avenue Hirwaun Industrial Estate, Hirwaun.

1 DESCRIPTION AND LOCATION OF PROPOSED DEVELOPMENT

Amended phase II development and operation of a sustainable waste resource recovery and energy production park, comprising the consolidation of the approved gasification yard and pyrolysis building into a 6,270.43 m² gasification hall; an emissions stack measuring 45 m in height and 4.5 m in diameter; a 2,102.86 m² fuel storage hall and a 378 m² turbine hall for electricity generation; and a 4,824 m² open service yard containing ancillary structures including air-cooled condensers for the gasification plant, ancillary fire water tanks and a fire pumphouse, effluent pumps, gas boosters, transformers and a standby diesel generator and fuel tank, with boundary landscape and planting at:-

ENVIROPARKS (WALES) LTD, FIFTH AVENUE, HIRWAUN INDUSTRIAL ESTATE, HIRWAUN

2 APPLICATION DETAILS

The draft planning application form submitted indicates that full planning permission is sought.

The following Highway documents have been submitted and considered :-

- Proposed Overall Site Plan (Ref: ENV_EPT_GEN_DR_A_6011 Rev P5)
- Proposed Plan Layout (Ref: ENV_EPT_GEN_DR_A_6012 Rev P3)

- Environmental Statement Addendum Appendix 8.1 - Transport Statement to Accompany an Environmental Statement Addendum (January 2017)
- Environmental Statement Addendum (Chapter 8 :Transport)
- Design and Access Statement – (Consultation Draft 2017)
- Site Location Plan
- External Works Layout (Waterman) Drawing No.CIV-SA-90-0001 Rev A16

3 HIGHWAY ASSESSMENT

3.1 Transport Statement to Accompany an Environmental Statement Addendum (January 2017)

A Transport Statement (TS) has been prepared by Environmental Visage Ltd and has been reviewed with comments as follows:-

The TS outlines changes to the local and strategic highway network which have taken place since the original TA was undertaken in 2008 which include upgrades to the A465 heads of the valleys due to commence in 2018 and the development of sites at Hirwaun Industrial Estate including:-

- Green Frog Connect Ltd, Main Avenue, Hirwaun Industrial Estate. A standby embedded Short Term Operating Reserve (STOR) power plant with a connection to the National Grid.
- Hirwaun Energy Centre, Unit 43 - 44 Seventeenth Avenue, Hirwaun Industrial Estate. A renewable energy generation production facility, treating waste wood.
- Hirwaun Power, Hirwaun Industrial Estate. A gas fired 'peaking' power generating plant providing 50 - 299MW.

3.2 Traffic Count Data

Traffic Count Data for the main trunk roads within the area has been obtained from 2015 and is presented in table 1 of the TS which is reproduced below:-

Table 1 Traffic Count Data

Road / Link	Assessment Period	All Vehicles	2015 Level
The Estate Roads; Junction with Fifth Avenue and Main Avenue	PM Peak 2008	84	94
A4061 and Hirwaun Industrial Estate Junction	PM Peak 2008	148	165
A4059	AADT 2015	4198	4198
A465 (West of Estate)	AADT 2015	10852	10852
A465 (East of Estate)	AADT 2015	20552	20552

3.3 Impact of Construction Traffic with Nearby Developments

The TS indicates that construction would occur between July 2017 and June 2019 with the maximum number of daily movements during construction is estimated to peak at 495 two way trips per day consisting of approx 396 car /light vehicle movements and 100 HGV movements in June 2018. Additionally 63

wide load deliveries spread over a 24 week period (Approximately 3 per week) would be required to deliver specialist process between February and July 2018. The TS considers the impact of construction traffic at the development site and nearby sites at Abergorki Wind Farm and Hirwaun Power where it is known that the construction periods overlap particularly between December 2017 to January 2018 which gives cause for concern, however, the analysis does not consider that these schemes will generate less traffic as they reach the end of their construction period and that the schemes may not all progress to their current programme which would spread the periods during which construction traffic would peak.

The transportation of wide loads consisting of specialist process plant under police escort would be arranged via normal arrangements for such loads with the time and date of the deliveries being approved by the police in advance.

Furthermore construction traffic to nearby sites will take different routes to connect to the strategic highway network and the impact will be diluted the further away the sites and by its nature construction traffic would not have any long term adverse impact on the highway network.

3.4 Trip Rates

Materials Handling Trips (Operational)

Trip rates associated with delivery of feedstock and waste process material removal on the basis of the proposed facility working at 100 % capacity. This would be the worse case scenario as no account is taken of operation below peak capacity and periods where the facility is shut down or partially shut down for maintenance.

The original proposal within the 2008 TA indicated that 80 two way trips (160 daily movements) would be generated by refuse and heavy goods vehicles to deliver feedstock and dispose of ash together with 11 outgoing waste material trips and 18 heavy goods vehicle trips associated with the high energy user giving a daily total 218 daily movements.

In the interim changes in the nature of the incoming wastes and site operation has the effect of reducing the incoming waste movements to 38.4 two way trips and 23.4 outgoing trips to cater for ash disposal together with 18 two way HGV trips serving the high energy user I would generate 80 two way trips (160 daily movements) by refuse and heavy goods vehicles.

This represents a reduction of 58 vehicle movements and by the time that the site becomes operational construction traffic to nearby sites will have ceased which is acceptable.

Staff Trips (Non Operational)

The TS indicates that Enviroparks intend shifts as follows:-

<u>Staff</u>	<u>Shift Times</u>
1 Materials Recycling Staff	06:00-14:00 14:00-22:00 22:00-06:00
2 Maintenance Staff	06:00-14:00 14:00 -22:00
3 Gasification Staff	06:00-18:00 18:00-06:00
4 Managers and Office Staff	09:00 – 17:00

The TS states that a total of 69 staff will be employed with 58 staff on site on any given weekday. Reduced operations will continue over the weekends with only gasifier and security staff present on site. On this basis staff would generate a maximum of 116 two way trips per day.

The TS attempts to consider the distribution of staff journeys on the local highway network, together with a proposed hourly contribution to the Main Links shown in Table 8 of the TS which is reproduced below. However, until staff have been recruited limited weight can be given to such analysis.

i

Table 8 Proposed Hourly Contribution of Development to Main Links

Impacted Route Time (Mon - Friday)	A465 between B4276-A4059						A465 between A4059-A4061						Local Traffic (within the Estate)					
	Enviro-parks			High Energy User			Enviro-parks			High Energy User			Enviro-parks			High Energy User		
	Cars W	Cars E	HGVs W	HGVs E	Cars W	Cars E	HGVs W	HGVs E	Cars W	Cars E	HGVs W	HGVs E	Cars W	Cars E	HGVs W	Cars N	Cars S	HGVs N
05:00	3				5				13				16					
06:00		3				5				13						16		
07:00																		
08:00	3		3	2	6		2	2	12				15		4	20		2
09:00			3	3			3	3							6			2
10:00			4	3			2	3							7			3
11:00			4	4			2	4							9			2
12:00			4	4			3	4							8			3
13:00	3		4	4			2	3	10				13		9			2
14:00		2	4	4			2	2							7			2
15:00			3	3				2							6			2
16:00			2	3											4			
17:00	1	3	1	2	5	6			3	12	1	2	3	15	2	3	16	20
18:00		1				5				3				3			16	
19:00																		
20:00																		
21:00	2								10							11		
22:00																		
23:00		3								10						13		

The shift change periods fall outside the highway peak periods and given the likelihood that employees will be recruited from around the local area and that measures implemented as part of the travel plan will encourage car sharing, use of bicycle, walking and public transport, (although limited), together with rapid dilution at each road junction the number of staff trips generated will have a negligible impact on the local and strategic highway network. The impact of staff trips on the highway network can be further mitigated by means of a condition requiring the provision of a Green Travel plan to encourage use of sustainable means of transport where possible.

3.5 Traffic Growth

TEMPro Traffic Growth factors have been derived and are shown in Table 9 reproduced below:-

Table 9 TEMPro Growth Factors for Rhondda Cynnon Taf Area 1.

Year	Origin	Destination	Local Growth Factor
2016	0.9955	0.9954	1.0194
2017	1.0017	1.0016	1.0365
2018	1.0079	1.0078	1.0536
2019	1.014	1.014	1.0707
2034	1.068	1.0684	1.1997

These factors have been applied to construction traffic in Table 10 for 2017, 2018 and 2019 as shown below:-

Table 10

Percentage Increase Assessment During Construction of the Development.

Road / Link	Assessment Period	2015 Level	Local Growth Factor to 2017	Total	Construction Traffic	Increase on Baseline	Combined Construction Traffic	Increase on Baseline
The Estate Roads; Junction with Fifth Avenue and Main Avenue	PM Peak	94	1.0365	97	41	42.08%	68	69.79%
A4061 and Hirwaun Industrial Estate Junction	PM Peak	165	1.0365	171	41	23.97%	68	39.76%
A465 (West of Estate)	AADT	10852	1.0365	11248	123	1.09%	361	3.21%
A465 (East of Estate)	AADT	20552	1.0365	21302	123	0.58%	361	1.69%
Road / Link	Assessment Period	2015 Level	Local Growth Factor to 2018	Total	Construction Traffic	Increase on Baseline	Combined Construction Traffic	Increase on Baseline
The Estate Roads; Junction with Fifth Avenue and Main Avenue	PM Peak	94	1.0536	99	83	83.81%	109	110.06%
A4061 and Hirwaun Industrial Estate Junction	PM Peak	165	1.0536	174	83	47.74%	109	62.70%
A465 (West of Estate)	AADT	10852	1.0536	11434	248	2.17%	413	3.61%
A465 (East of Estate)	AADT	20552	1.0536	21654	248	1.15%	413	1.91%
Road / Link	Assessment Period	2015 Level	Local Growth Factor to 2019	Total	Construction Traffic	Increase on Baseline	Combined Construction Traffic	Increase on Baseline
The Estate Roads; Junction with Fifth Avenue and Main Avenue	PM Peak	94	1.0707	101	72	71.54%	99	98.36%
A4061 and Hirwaun Industrial Estate Junction	PM Peak	165	1.0707	177	72	40.75%	99	56.04%
A465 (West of Estate)	AADT	10852	1.0707	11619	215	1.85%	296	2.55%
A465 (East of Estate)	AADT	20552	1.0707	22005	215	0.98%	296	1.35%

The factored construction traffic figures and percentage increase shown in Table 10 indicates a low impact on the wider highway network but significant percentage impact on the Hirwaun Industrial Estate Roads and A4061 leading to the Industrial Estate. The high percentage impact is due to the existing low volume of traffic using the estate roads and does not indicate capacity issues. Bearing in mind that these locations are predominantly within the industrial estate there will be no significant impact on the travelling public. Furthermore construction traffic is by its nature a temporary and the impact can be mitigated by appropriate management measures which can be secured by means of a suitably worded condition.

3.6 Collision Analysis

The TS indicates that a limited assessment has been made of collision data obtained from the Department for Transport up to 31st December 2015. Accident data should be obtained from the Welsh Government and data for the last five year period from 30/06/2011 to 29/06/2016 should be utilised.

Consideration of the Council's accident database indicates four personal injury accidents occurred along the A4031 in the vicinity of the approaching the site. All incidents were classified as slight and causal factors including severe weather(snowy) conditions, failure to observe traffic, loss of control of a vehicle taken without consent and medical incident and with no discernible commonality or causal factors attributed to highway geometry and features and therefore no mitigation measures are proposed.

All accidents recorded were assessed as having a severity classed as 'slight' and that all causal factors appear to be as a result of driver/pedestrian error with

3.7 Circulation and Parking Provision

The external circulation area is designed to accommodate articulated heavy goods vehicles and provides adequate space for circulation, turning and parking of commercial vehicles as required.

In accordance with the Council's SPG and based on total floor area a total of 220 parking spaces would be required. The TS and planning application form indicate that a total of 104 car parking spaces, (including 6 disabled spaces) will be provided to accommodate 58 employees and visitors to the visitor centre.

The visitor centre is proposed to cater for up to 40 visitors at a time and a coach parking bay is provided to accommodate school parties with 44 car parking spaces (104 spaces -58 staff) available within the adjacent staff and visitors car park.

Additional secure parking for at least 6 motorcycles is proposed and secure bicycle parking with space for 20 cycles with sufficient space available to increase the provision if required.

On this basis although below the requirements of the Council's SPG in terms of floor areas the TS demonstrates that adequate parking provision has been made to accommodate staff, visitors and commercial vehicles.

3.8 Public Transport

Rail

The TS indicates that the nearest rail service is from Aberdare station with half hourly peak services to Cardiff and destinations on the National Rail Network.

Bus

Hirwaun Industrial Estate is served by bus services 7 and 8 providing links to local destinations and bus station hubs at Aberdare and Merthyr. The use of the bus as a means of transport is unlikely to be attractive to shift workers due to the timing of the services although they could be used by staff working normal daytime hours.

It is noted that as part of the 2008 planning application (Application No 08/1735), the developer was required to make a financial contribution of £18,000 towards improving and upgrading existing public transport infrastructure in relation to 2 nearby bus stops including provision of raised kerbs, shelters, flagpoles and future maintenance.

Walking and Cycling

Pedestrians routes along footways with paved surface and street lighting are available from Rhigos, however, the route from Hirwaun is semi rural and exposed and therefore less attractive to pedestrians.

The development is close to National Cycle Network Route 46 which provides links to Glynneath and Aberdare. Secure cycle storage for 20 bicycles has been provided on site and adequate space exists to increase this provision if demand arises. Such demand may be monitored by mechanisms put in place in connection with the site travel plan which can be conditioned accordingly.

Inevitably as a consequence of a 24 hour operation and location sustainable modes of transport such as public transport, walking and cycling will have limited appeal to workers, however, the implementation of a site travel plan could encourage car sharing or

3.9 Travel Plan

No information in relation to a Travel plan has been provided within the TS, however, such requirement can be secured by means of a suitably worded planning condition to ensure that the requirement to provide a Green Travel Plan as required by the extant planning permission via a S106 Agreement is retained.

4 **Summary**

The submitted TS provides current information in relation to traffic flows, site operation, construction traffic accident data and changes to the proposals which were considered as part of the comprehensive TA submitted with planning application 08/1735 which was approved with conditions on 21/12/2010.

The TS assesses the impact of construction traffic on the local and strategic highway network and identifies that the greatest impact will occur at the access and industrial estate roads at Hirwaun Industrial Estate. The maximum number of daily movements during construction is estimated to peak at 495 two way trips

per day consisting of approx 396 car / light vehicle movements and 100 HGV movements in June 2018.

Additionally 63 wide load deliveries spread over a 24 week period (Approximately 3 per week) would be required to deliver specialist process between February and July 2018. Such abnormal load deliveries would be subject to approval and escort by the police with times and dates of deliveries approved in advance and arranged to limit adverse impact on the local and strategic highway network.

Once operational traffic to the site would consist of 160 Heavy goods vehicle movements per day to bring waste / fuel to the site and to dispose of waste process materials. This represents a reduction in heavy goods vehicle trips from the currently consented proposal by a total of 58 heavy goods vehicle movements per day.

A further 116 two way movements by cars and light vehicles belonging to the 58 site staff in accordance with a shift system would also occur.

The Industrial Estate is served by regular bus services although these will be of limited benefit to staff working the proposed shift system.

Internal circulation within the site is designed to accommodate access, loading, unloading, parking and turning of refuse vehicles and articulated vehicles.

The proposal provides for 104 car parking spaces (including 6 disabled bays) to cater for a maximum daily workforce of 58. Provision is also made for the secure parking of 6 motorcycles and 20 bicycles on site. Whilst the parking provision is less than the requirements of the Councils SPG based on floor areas and use, the proposal is not a typical manufacturing unit and the provision of 104 car parking spaces to cater for 58 employees and visitors is considered acceptable.

The industrial estate is served by bus services 7 and 8 with access to rail at Aberdare but will be of limited benefit to employees not working regular week day shifts.

5 Conclusion

The proposal will result in fewer heavy goods vehicle movements than that approved under application 08/1735 with less impact on the highway network. The proposal provides adequate parking for cars, motorcycles, bicycles and visitors. Therefore without prejudice to any future planning application no objections would be raised subject to the following conditions:-

1. The means of access and parking areas shall be laid out in accordance with the submitted layout plan, Drawing No. ENV_EPT_GEN_DR_A_6011 Rev P5. The parking areas shall not thereafter be used for any purpose other than the parking of vehicles.

REASONS FOR CONDITION:

In the interests of highway safety and to ensure that adequate parking facilities are provided within the curtilage of the site and retained thereafter.

2. No development shall take place, including any works of site clearance, until a Construction Method Statement has been submitted and approved in writing by the Local Planning Authority to provide for;
- a) the means of access into the site for all construction traffic,
 - b) the parking of vehicles of site operatives and visitors,
 - c) the management of vehicular and pedestrian traffic,
 - d) loading and unloading of plant and materials,
 - e) storage of plant and materials used in constructing the development,
 - f) wheel washing facilities,
 - g) the sheeting of lorries leaving the site.

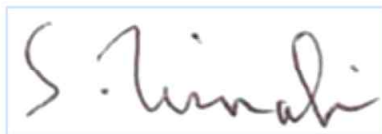
The approved Construction Method Statement shall be adhered to throughout the development process unless agreed otherwise in writing by the Local Planning Authority.

REASONS FOR CONDITION:

In the interests of highway safety.

It should be noted that :-

- i) The developer would be required to enter into a legally binding agreement (S106 of the Town and Country Planning Act) to provide a Green Travel Plan which sets out proposals and targets together with a timescale, to limit or reduce the number of single occupancy journeys to the site and to promote travel by sustainable modes of travel that are acceptable to the local planning authority. Reports demonstrating progress in promoting sustainable transport measures shall be submitted annually on each anniversary of the date of the planning consent to the Highway Authority. The financial penalties to be applied for non-compliance with the targets set out in the Green Travel Plan should be £90,000.
- ii) The developer would be required to make a financial contribution of £18,000 towards improving and upgrading existing public transport infrastructure in relation to 2 nearby bus stops including the provision of raised kerbs, shelters, flagpoles etc. and their future maintenance (£7,000 plus £2,000 future maintenance for each stop).



Highways Development Control and Adoptions Manager

Consultee Ref: 6
THE COAL AUTHORITY
(RESPONSE RECEIVED: 17 FEBRUARY 2017)



The Coal
Authority

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

0345 762 6848
01623 637 119 (Planning Enquiries)
planningconsultation@coal.gov.uk
www.gov.uk/coalauthority

Ms S. Bevan – Senior Planner
Savills (UK) Limited

[By Email: admin@enviroparks.co.uk]

17 February 2017

Dear Ms Bevan

Town and Country Planning (Development Management Procedure) (Wales) Order 2012 (as amended 2016)

Schedule 1C Article 2D - Consultation before applying for planning permission

Amended phase II development and operation of a sustainable waste resource recovery and energy production park, comprising the consolidation of the approved gasification yard and pyrolysis building into a 6,270.43 m² gasification hall; an emissions stack measuring 45 m in height and 4.5 m in diameter; a 2,102.86 m² fuel storage hall and a 378 m² turbine hall for electricity generation; and a 4,824 m² open service yard containing ancillary structures including air-cooled condensers for the gasification plant, ancillary fire water tanks and a fire pumphouse, effluent pumps, gas boosters, transformers and a standby diesel generator and fuel tank, with boundary landscape and planting at land at Fifth Avenue, Hirwaun Industrial Estate, Hirwaun, Aberdare

Thank you for your consultation letter of 19 January 2017 seeking the pre-application views of the Coal Authority on the above.

I have checked the site location plan against our coal mining information and can confirm that, whilst the proposed development site falls within the coalfield, it is located outside of the defined Development High Risk Area.

Accordingly, there is no requirement to submit a Coal Mining Risk Assessment in support of a planning application for the redevelopment of this site. The Local Planning Authority will not consult the Coal Authority on any planning application for this site.

Notwithstanding the above, accompanying an email dated 7 February 2017 from Mr Gregory Evans of Savills was a Coal Mining Risk Assessment (Dated January 2017 and prepared by Quantum Geotechnical) for the above site that we have been specifically asked by Mr Evans to comment upon as part of this pre-application consultation.

I have reviewed the Coal Mining Risk Assessment report provided and can confirm that it has been prepared by a competent person, has been informed by an appropriate range of sources of mining and geological information, and arrives at a conclusion that we would have expected given that the site falls within the defined Low Risk area; namely that coal mining legacy poses no recorded risks to the proposed development.

As stated above, we would not expect a Coal Mining Risk Assessment report to be submitted in support of a planning application for any development that falls outside of the defined Development High Risk Area, and we will not be consulted on such applications by the LPA; however, as such a report has already been prepared for this site you may take a view that it is worth submitting in support of the planning application in any event.

Yours sincerely

Mark Harrison

Mark E. N. Harrison *B.A.(Hons), DipTP, LL.M, MInstLM, MRTPI*
Principal Manager - Planning & Local Authority Liaison

Consultee Ref: 7
DŴR CYMRU WELSH WATER
(RESPONSE RECEIVED: 10 FEBRUARY 2017)

Enviroparks (Wales) Limited
Lion Street
Abergavenny
NP7 5PN

Date: 10/02/2017
Our Ref: PPA0001859

Dear SIR

Grid Ref: 293877 206740

Site Address: Land at Fifth Avenue Hirwaun Industrial Estate

Development: Schedule 1C Article 2D - Amended phase II development and operation of a sustainable waste resource recovery and energy production park

I refer to the Schedule 1C - Article 2D notice received and your formal request for a pre-application consultation response before applying for planning permission from Dwr Cymru Welsh Water as a 'Specialist Consultee' as defined by Paragraph (y) of Schedule 4 of the Town & Country Planning (Development Management Procedure) (Wales) (Amendment) Order 2016. It is acknowledged that the consultation request relates to a major development site and thus seeks a substantive response within 28 days from the date of the notice, 19 January 2017, as per the requirements of Article 2E. This request includes our views on the capacity of our network of assets and infrastructure to accommodate your proposed development.

Having reviewed the details submitted I would advise there is no objection at present to the proposed development and offer the following standing advice which should be taken into account within any future planning application for the development:

SEWERAGE

The foul flows only from the proposed development can be accommodated within the public sewerage system.

No surface water or land drainage run-off will be permitted to discharge directly or indirectly into the public sewerage system.

The proposed development site is crossed by public sewers with the approximate position being marked on the attached Statutory Public Sewer Record. Under the Water Industry Act 1991 Dwr Cymru Welsh Water has rights of access to its apparatus at all times. No part of any building will be permitted within a minimum of 3 metres either side of the centreline of the public foul sewers.

The proposed development is crossed by a 300mm distribution watermain, the approximate position being shown on the attached plan. Dwr Cymru Welsh Water as Statutory Undertaker has statutory powers to access our apparatus at all times. I enclose our Conditions for Development near Watermain(s). It may be possible for this watermain to be diverted under Section 185 of the Water Industry Act 1991, the cost of which will be re-charged to the developer. The developer must consult Dwr Cymru Welsh Water before any development commences on site.

We are concerned that without appropriate maintenance and bunding there may be spills or leaks that could have an effect on our reservoir it is likely therefore we would recommend conditions in respect of these issues.

I trust the above information is helpful and will assist you in forming water and drainage strategies that should accompany any future planning application. I also attach copies of our water and sewer extract plans for the area, and a copy of our Planning Guidance Note which provides further information on our approach to the planning process, making connections to our systems and ensuring any existing public assets or infrastructure located within new development sites are protected.

Please note that our response is based on the information provided in your enquiry and should the information change we reserve the right to make a new representation. Should you have any queries or wish to discuss any aspect of our response please do not hesitate to contact our dedicated team of planning officers, either on 0800 917 2652 or via email at developer.services@dwrcymru.com

Please quote our reference number in all communications and correspondence.

Yours faithfully,



Owain George
Planning Liaison Manager
Developer Services

Enc Sewer Plan
Water Plan

Please Note that demands upon the water and sewerage systems change continually; consequently the information given above should be regarded as reliable for a maximum period of 12 months from the date of this letter.



Welsh Water is owned by Glas Cymru – a 'not-for-profit' company.
Mae Dwr Cymru yn eiddo i Glas Cymru – cwmni 'nid-er-elw'.

We welcome correspondence in
Welsh and English

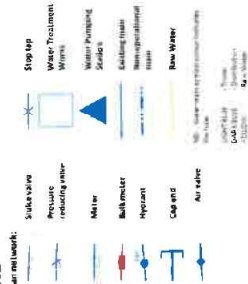
Dwr Cymru Cyf, a limited company registered in
Wales no 2366777. Registered office: Pentwyn Road,
Nelson, Treharis, Mid Glamorgan CF46 6LY

Rydym yn croesawu gohebiaeth yn y
Gymraeg neu yn Saesneg

Dwr Cymru Cyf, cwmni cyfyngedig wedi'i gofrestru yng
Nghymru rhif 2366777. Swyddfa gofrestredig: Heol Pentwyn
Nelson, Treharis, Morgannwg Ganol CF46 6LY.



LEGEND



Notes:

Whilst every reasonable effort has been taken to correctly recast the pipe material of DCMV assets, there is a possibility that in some cases pipe material (other than Accolox Cement or Pitch Fibre) may be found to be asbestos cement (AC) or Pitch Fibre (PF). It is therefore advisable that the pipes are presumed to be AC or PF pipes be installed and considered as part of any risk assessment prior to excavation.

[illegible]

Service users may not generally show but their presence should be anticipated

**EXACT LOCATIONS OF ALL APPARATUS
TO BE DETERMINED ON SITE.**

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Map Ref:	293713,206691
Map scale:	1:1,250
Printed by:	Gill
Printed on:	10.02.2017



CONDITIONS FOR DEVELOPMENT NEAR WATER MAINS

Location: Land off Fifth Avenue Hirwaun Industrial Estate

Date: 10.02.2017

The development of the site with our water main located as shown on the attached plan will involve certain conditions which must be strictly adhered to. These are:-

1. No structure is to be sited within a minimum distance of 5 from the centre line of the pipe. The pipeline must therefore be located and marked up accurately at an early stage so that the Developer or others understand clearly the limits to which they are confined with respect to the Company's apparatus. Arrangements can be made for Company staff to trace and peg out such water mains on request of the Developer.
2. Adequate precautions are to be taken to ensure the protection of the water main during the course of site development.
3. If heavy earthmoving machinery is to be employed, then the routes to be used in moving plant around the site should be clearly indicated. Suitable ramps or other protection will need to be provided to protect the water main from heavy plant.
4. The water main is to be kept free from all temporary buildings, building material and spoil heaps etc.
5. The existing ground cover on the water main should not be increased or decreased.
6. All chambers, covers, marker posts etc. are to be preserved in their present position.
7. Access to the Company's apparatus must be maintained at all times for inspection and maintenance purposes and must not be restricted in any way as a result of the development.
8. No work is to be carried out before this Company has approved the final plans and sections.

These are general conditions only and where appropriate, will be applied in conjunction with specific terms and conditions provided with our quotation and other associated documentation relating to this development.

Consultee Ref: 8

**WELSH GOVERNMENT HISTORIC ENVIRONMENT
SERVICES (CADW)
(RESPONSE RECEIVED: 6 FEBRUARY 2017)**



Llywodraeth Cymru
Welsh Government

Plas Carew, Uned 5/7 Cefn Coed
Parc Nantgarw, Caerdydd CF15 7QQ
Ffôn 01443 33 6000 Ffacs 01443 33 6001
Ebost cadw@cymru.gsi.gov.uk
Gwefan www.cadw.cymru.gov.uk

Plas Carew, Unit 5/7 Cefn Coed
Parc Nantgarw, Cardiff CF15 7QQ
Tel 01443 33 6000 Fax 01443 33 6001
Email cadw@wales.gsi.gov.uk
Web www.cadw.wales.gov.uk

Sarah Bevan
Savills (UK) Ltd

Reply by e-mail:
sbevan@savills.com

Eich cyfeirnod
Your reference

Ein cyfeirnod
Our reference

Dyddiad
Date

Llinell uniongyrchol
Direct line

Ebost
Email:

DE

6 February 2017

01443 33 6097

amadminplanning@wales.gsi.gov.uk

Dear Ms Bevan,

Development and operation of a sustainable waste resource recovery and energy production park, Land at Fifth Avenue, Hirwaun Industrial Estate, Hirwaun, Aberdare

Thank you for your e-mail of 19 January 2017 inviting our comments on the pre-planning application consultation for the proposed development as described above. The following comments are based on information made available to us as part of the pre-application consultation and we will review our comments when we are consulted on the final planning application.

Applications for planning permission are considered in light of the Welsh Government's land use planning policy and guidance contained in Planning Policy Wales (PPW), technical advice notes and circular guidance. PPW explains that the desirability of preserving an ancient monument and its setting is a material consideration in determining a planning application whether that monument is scheduled or not. Furthermore, it explains that where nationally important archaeological remains, whether scheduled or not, and their settings are likely to be affected by proposed development, there should be a presumption in favour of their physical preservation in situ. Paragraph 17 of Circular 60/96, *Planning and the Historic Environment: Archaeology*, elaborates by explaining that this means a presumption against proposals which would involve significant alteration or cause damage, or which would have a significant impact on the setting of visible remains. PPW also explains that local authorities should protect parks and gardens and their settings included in the first part of the Register of Landscapes, Parks and Gardens of Special Historic Interest in Wales.

Having carefully considered the information provided with the pre-planning application, our records show that there are no scheduled monuments or registered historic parks and gardens within the vicinity of the proposed development. We therefore have no comments to make on the proposed development.

Yours sincerely

Dave Edwards

Diogelu a Pholisi/ Protection and Policy

Mae'r Gwasanaeth Amgylchedd Hanesyddol Llywodraeth Cymru (Cadw) yn hyrwyddo gwaith cadwraeth ar gyfer amgylchedd hanesyddol Cymru a gwerthfawrogiad ohono.

The Welsh Government Historic Environment Service (Cadw) promotes the conservation and appreciation of Wales's historic environment.

Rydym yn croesawu gohebiaeth yn Gymraeg ac yn Saesneg.
We welcome correspondence in both English and Welsh.



BUDDSODDWR MEWN POBL
INVESTOR IN PEOPLE



Consultee Ref: 9
HEALTH AND SAFETY EXECUTIVE
(RESPONSE RECEIVED: 22 FEBRUARY 2017)

Gregory Evans

From: Janet.Davies@hse.gov.uk
Sent: 22 February 2017 15:02
To: Gregory Evans
Subject: RE: Enviroparks (Wales) Limited - Pre-Application Consultation

Dear Greg

Thank you for following this up. I have located the letter but unfortunately I did not send out a "No Comment" letter.

For verification, this was seen by the Principal Inspector of our team – Andrew Knowles.

To confirm, HSE has no comments to make on the above pre application consultation.

Janet.

Jan Davies
CEMHD2D
Cardiff
2288
Janet.davies@hse.gov.uk

From: Andrew Carr
Sent: 22 February 2017 14:54
To: Paul Kloss; Helen Turner
Cc: Janet Davies; Andrew Galvin
Subject: FW: Enviroparks (Wales) Limited - Pre-Application Consultation
Importance: High

Paul/Helen,

I have taken a call from Gregory Evans of Savills (followed up by email below). He is chasing a response from HSE regards consulting on a draft pre application for Enviroparks on a project at Hirwaun, RCT.

Historically these have been a nil response when they come in via the post. Unless it's a HID premises then they go to Buxton.

Have you seen this letter?

Happy to discuss.

Regards
Andrew Carr

Support Team
Health & Safety Executive
Phase 1/Rhan 1
Government Buildings, Ty Glas, Llanishen, Cardiff /
Adeiladau'r Llywodraeth, Ty Glas, Llanisien, Caerdydd
CF14 5SH
Tel/Ffon: 0230282267

From: Gregory Evans [<mailto:GREvans@savills.com>]
Sent: 22 February 2017 14:47
To: Andrew Carr
Cc: Sarah Bevan; Karl Cradick
Subject: Enviroparks (Wales) Limited - Pre-Application Consultation

Dear Andrew

Thank you for talking with me on the phone.

As discussed, please find attached a copy of the pre-application consultation letter sent to the HSE in the post with a CD containing the draft planning application documents.

Under the Welsh pre-application consultation Regulations, a 'substantive response' is required from 'Specialist Consultees', of which the HSE is one.

The end of the 28 day consultation period in which responses must be received has passed. To save time, if the HSE could please provide a response back to me via email, that would be great.

Please do call or email me if you have any queries.

Kind regards

Greg

Gregory Evans MRTPI
Senior Planner
Planning

Savills, Wessex House, Priors Walk, East Borough, Wimborne BH21 1PB

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Email : GREvans@savills.com
Website : www.savills.co.uk

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www.hse.gov.uk
