

Welsh Government, C/o Agent
Tom Clancy, Parsons Brinckerhoff, 29, Cathedral Road, Cardiff, CF11 9HA

Five Mile Lane, Barry

Five Mile Lane improvements

TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) (ENGLAND AND WALES) REGULATIONS 1999 (as amended)

REGULATION 10 – REQUEST FOR SCOPING OPINION

INTRODUCTION

A request has been made under Regulation 10 of the Town and Country Planning (Environmental Impact Assessment) (England & Wales) Regulations 1999 (as amended by Town and Country Planning (Environmental Impact Assessment) (Amendment) (Wales) Regulations 2006) for a Scoping Opinion prior to the preparation of an Environmental Statement to accompany an application for the Five Mile Lane Road improvements.

The submission has formed the basis of the Council's consultations with statutory and non-statutory bodies, with comments received informing the scoping report, and such responses to be provided to the applicants. Formal consultations will, of course, also be undertaken at application stage.

This scoping opinion will inform the applicants as to the content of the Environmental Statement (ES) as part of the Environmental Impact Assessment (EIA) process. It will consider the applicants submissions and identify aspects of the proposal which require attention during the preparation of the ES. The Council reserve the right to request and further information which, as part of the EIA process, may be subsequently required to inform consideration of the scheme at application stage.

SITE AND CONTEXT

The existing A4226 is a single carriageway road, in a rural location, which links the A48 to Barry (between Sycamore Cross and Weycock Cross respectively).

The road has recently had improvements to the north to create improvements at the A48 junction but maintains the character of a winding rural lane mid-way between the A48 to Barry.

The site is close to a number of protected areas of Barry Woodland SSSI and either side of the existing five mile lane are designated Special Landscape areas for Nant Llancarfan (west) and Duffryn Basin & Ridge Slopes.(East)

DESCRIPTION OF DEVELOPMENT

Road improvements to the Five Mile Lane, A4226

The proposal is to make use of the existing and improved part of the highway and to align the more winding and rural section of the road. The alignment will begin 1.5km from Sycamore Cross and will again meet the existing road approximately 1km from the Weycock cross roundabout.

The proposed alignment will include a combination of earthworks and 'in cutting to widen and align the road over this distance. The road will be widened from 7.3m to 9.3m. The proposals may involve underpasses and overbridges to provide access to plots to the west of the site. The works will also include drainage works, which are likely to require attenuation of water on land adjacent to the new alignment.

PLANNING HISTORY

2014/00499/SC1 : A4226 Five Mile Lane, between Sycamore Cross and to the north of Weycock Cross, Barry - Proposed highway improvements - Environmental Impact Assessment (Screening) - Required 5 June 2014.

2013/00584/SC1 : Whitton Mawr - Proposed solar farm - Environmental Impact Assessment (Screening) - Not Required 31 July 2013.

2008/00199/SC2 : A4226, Five Mile Lane, Barry - Road improvements. 18 February 2008.

2007/01166/SC1 – Road Improvements- Screening opinion – EIA required.

CONSULTATIONS

A number of statutory and non-statutory consultations have been undertaken on this request for a formal scoping opinion, with responses received from the following bodies (and their representations summarised and discussed below in the main issues of the report): -

Barry Town Council was consulted on 15 July 2014. No comments have been received.

PSE Community Council was consulted on 15 July 2014. No comments have been received.

St. Nicholas and Bonvilston CC was consulted on 15 July 2014. No comments have been received

Wenvoe Community Council was consulted on 15 July 2014. Their comments advise that the application is noted.

Highway Development was consulted on 15 July 2014. See main report for comments.

Environmental Health (Pollution) was consulted on 15 July 2014. See main report for comments

GGAT was consulted on 15 July 2014. See main report for comments

Cadw, Ancient Monuments was consulted on 15 July 2014. See main report for comments

Dwr Cymru Welsh Water was consulted on 15 July 2014. No comments have been received

Ecology Officer was consulted on 15 July 2014. See main report for comments.

Highways and Engineering was consulted on 15 July 2014 . No comments have been received.

Natural Resources Wales was consulted on 15 July 2014. See main report for comments

REPRESENTATIONS

No neighbour consultations have been requested or are required to be undertaken as part of a request for a Scoping Opinion.

REPORT

In reaching a scoping opinion, the Council must have regard to the matters listed in Paragraph 10 (6) of the Regulations, which requires that the following matters are taken into account: -

- (a) the specific characteristics of the particular development;
- (b) the specific characteristics of development of the type concerned; and
- (c) the environmental features likely to be affected by the development.

In assessing the environmental impact of the development, the main issues required to be addressed in the Environmental Statement – in addition to those raised in the applicants' submissions – are as follows:

Air Quality & Noise and Vibration

It is recognised that traffic and transport issues in general will primarily be dealt with through a comprehensive Transport Assessment (TA), which should provide an overarching assessment of transport impacts. The scope of the TA is to be discussed in detail prior to the submission of the planning application.

However, in respect of the Environmental Impact Assessment, the Environmental Statement should include an assessment of noise and air quality impacts as a direct consequence of traffic associated with the development, along with an assessment of any potential impacts on hydrology. In this respect, the ES should be informed by the TA and the traffic projections.

With regards to the Air quality assessment set out the Councils Environment health- Pollution Section have outlined concerns that the report does not consider the Welsh Hawking Centre as a Noise Sensitive Receptor, especially given a residential dwelling is within 25 metres and the neighbouring property is within approximately 70 metres.

Accordingly, as a matter of a sound assessment the Environmental Health section request that the Hawking Centre and Barry College be included in the full assessment with the application.

Cultural Heritage

Historic Landscape

The EIA should consider the presence of historic landscapes in the area and the potential impact that the proposed development may have on these. The scope of the landscape assessment set out on the Scoping Report has been assessed and formally commented on by CADW. The main areas of concern set out by CADW are the following

- **Methodology-** Cadw have initially highlighted that while they do not oppose the methodology outlined in the English Heritage document, it should be noted that in Wales the conservation principles identified by CADW, rather than those of English Heritage, should be used in the assessment.

In addition, it is questioned why a zone of 1km wide has been determined to be sufficient to identify designated monuments where the proposed works could have an impact on their setting

- **Limited identification of High Value sites-** Cadw have identified 5 more sites that are within the 1km zone and should be added to the list as high value sites. The following sites have been identified as within the 1km zone- Coed y Cwm Ringwork, Moulton Roman Site, Castle Ringwork, Ty'n y Coed and the remains of Highlight church.
- **Use of 2009 information when more up to date information can be sourced-** It is noted that the information for some of the sites of high importance are taken from a study in 2009 while the extensive geophysical surveys undertaken in 2010 in area surrounding the Roman Villa have not been mentioned. These updated studies along with sites identified in the report, indicate that evidence for significant settlement surrounding the villa site is likely to be found.

Please find the full comments from CADW attached as appendix A

The Glamorgan Gwent Archaeological Trust (GGAT) were consulted and they have highlighted that the proposals has a archaeological restraint. GGAT appear to be satisfied with the methodology for undertaking the assessment as outlined in the scoping report and ask that the work is undertaken by suitably professional qualified archaeologists.

A further issue to consider is that recently geophysical survey has produced good results in identifying features in this area and if used in relation to this project may also identify features that would provide further information in preparing a detailed mitigation strategy.

Ecology and Nature Conservation

The EIA should consider the following:

- Statutory Nature Conservation Sites (SAC, SPA, SSSIs etc.);
- Non-statutory Nature Conservation Sites (SINC's);
- Legally Protected Species;
- UK and Local Biodiversity Action Plan Habitats and Species;
- Landscape

The Councils ecology officer agrees with the recommendations made in the report, however, it is also recommended that surveys for birds, and in particular ground nesting birds are carried out to allow the LPA to fully assess the impact and for appropriate mitigation /compensation to be designed. The locality has breeding and overwintering lapwing and skylark, and these are both species included on the Section 42 list of the Natural Environment and Rural Communities Act 2006 (NERC) which make them species that are of principal importance for conservation in Wales.

Natural Resource Wales (NRW) were consulted and outline that they agree with the approach and methodology proposed in Chapter 7 of the scoping report, which focuses on ecology and nature conservation. However, if the EIA concludes that the loss of the SSSI habitat is unavoidable then it should set out an appropriate and robust mitigation package.

NRW also suggest conducting a bird survey. Given the scale of the project and the presence of at least one breeding section 42 species (yellowhammer) it is requested that a bird survey is carried out to establish the bird's activity in the area. NRW would also advise that an assessment is undertaken to establish if there were likely significant effects from the project on barn owls.

Protected Species

The EIA should include a detailed and comprehensive assessment of those protected species that may be affected by the proposal, including any species that occupy adjoining land, but which may use the proposed site. The assessment should include an evaluation of the population and detail any mitigation measures that will be necessary and implemented to ensure that the population is maintained.

NRW note the intention to use survey data gathered from 2008 and 2009 and welcome the scope of further works to review the available desk study information and update the following European Protected Species: -

- Great Crested Newts
- Dormouse nest tube survey
- Bat activity surveys

- Bat roost inspections/tree climbing inspections

It is requested that the surveys are undertaken following best practice guidance and survey methodologies and that full detail is provided in the Environmental Statement (ES).

NRW also request that otters are considered in the EIA

Landscape and visual effects

The EIA must include a description of all the existing landscape interests within and in the vicinity of the proposed development. This could be done using CCW's LANDMAP methodology (www.landmap.ccw.gov.uk). NRW would expect any Environmental Statement to demonstrate use of all five data sets in the Landscape and Visual Assessment for the proposals.

The EIA should consider protected landscapes in the vicinity of the proposals. It is vital that the landscape and visual impact assessment utilises appropriate viewpoints to consider the impacts of the proposals on these protected landscapes as there is potential for the proposals to be visible from a wide area.

Flood risk, Road drainage and the Water Environment

The majority of the site is outside of any flood risk area as defined by the Development Advice Map (DAM) referred to under Technical Advice Note 15: Development and Flood Risk (TAN15). However, a section of the road in part located within Flood Zone C1 and B,. This is an area classified as being an areas to have known to be flooded in the past and an area without significant flood defence infrastructure.

NRW have noted that sections of the road fall within the floodplain of the River Waycock as highlighted within section 12 of the scoping report, which considers road drainage and the environment. Therefore, it is suggested that if any changes are made to the scheme at any of these locations which could affect flood storage or conveyance, they should be investigated as part of a Flood Consequences Assessment (FCA). If the EIA concludes that an FCA is to be undertaken this should include an assessment of water features.

Contamination

With regard to contamination, NRW have some concerns regarding the controlled water from the construction and operation of the road; this would include groundwater abstraction from licensed and private water supplies.

Accordingly, while the scoping report identified that contaminated land is a relatively minor issue in the rural area, NRW suggests that the applicant undertakes a risk assessment to investigate the potential for land contamination along the route as there is a historical landfill to the west of the existing route at Black lands Farm. Further details could clarify whether the route will cut through this landfill but from the details submitted this is not perfectly clear

NRW would also require information on the proposed drainage from the road, particularly with the use of soakaway. It should be noted that the area around Sycamore Cross is underlain by a principal aquifer, which is sensitive to controlled waters.

In addition, a ground water observation borehole is located on the grass verge of Sycamore Cross. If the development is likely to impact upon this borehole then please let NRW aware of the impact.

NRW comments are attached as Appendix B

Materials

Consideration of the generation of waste from the development, and of the potential to manage such generation within the site, and reuse and capture recyclable materials should be considered.

RECOMMENDATION – OFFICER DELEGATED

That the applicants be advised that, in addition to the scope of the ES identified in the supporting submissions, that the proposed ES cover those matters raised in the report above and identified in greater details in the consultation letters, copies of which should be provided to the applicant.

Environmental Impact Assessment submitted should cover the matters referred to in Schedule 4 of the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999, as referred to in the information details as submitted with the request but should also include an assessment of the following:

1. In addition to the scoping report submitted, the proposed Environmental Statement should cover those matters raised in the attached Officers report and identified in greater details in the attached consultation letters

NOTE:

Please note that this consent is specific to the plans and particulars approved as part of the application. Any departure from the approved plans will constitute unauthorised development and may be liable to enforcement action. You (or any subsequent developer) should advise the Council of any actual or proposed variations from the approved plans immediately so that you can be advised how to best resolve the matter.

In addition, any conditions that the Council has imposed on this consent will be listed above and should be read carefully. It is your (or any subsequent developers) responsibility to ensure that the terms of all conditions are met in full at the appropriate time (as outlined in the specific condition).

The commencement of development without firstly meeting in full the terms of any conditions that require the submission of details prior to the commencement of development will constitute unauthorised development.

This will necessitate the submission of a further application to retain the unauthorised development and may render you liable to formal enforcement action.

Failure on the part of the developer to observe the requirements of any other conditions could result in the Council pursuing formal enforcement action in the form of a Breach of Condition Notice.



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Eich cyf/Your ref: 2014/00813/SC2**

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APPENDIX 5

12 August 2014

Annwyl Syr/Madam / Dear Sir/Madam

FIVE MILE LANE IMPROVEMENTS – FIVE MILE LANE, BARRY.

Thank you for consulting on the above scoping report, which we received on 15 July 2014.

We have reviewed the Environmental Impact Assessment Scoping Report prepared by Parsons Brinckerhoff dated July 2014 (Document Reference: 3512646D –HHC) and we provide the following advice.

Ecology

We agree with the approach and methodology proposed in Chapter 7 of the scoping report which focuses on Ecology and Nature Conservation. We note that the proposed scheme may lead to some loss of woodland habitat which forms part of the Barry Woodlands SSSI. We wish to stress that if the Environmental Impact Assessment (EIA) concludes that the loss of SSSI habitat is unavoidable, then it should set out an appropriate and robust mitigation package. We would be happy to provide comments on the proposed mitigation strategy.

We note the applicant's intention not to conduct a bird survey. When considering the length of the road and the presence of at least one breeding section 42 species (yellowhammer), we advise you that surveys are conducted as part of the EIA to establish bird activity within the local area. These baseline conditions should then be used to inform the EIA and whether the project is likely to have a significant effect. We would also advise that an assessment is undertaken to establish if there were likely significant effects from the project on barn owls.

Notwithstanding the above, we consider there to be opportunities for the planning application to secure ecological enhancement along the route of the road (verges and hedges etc.)

Protected Species

We provide the following comments in principle and without prejudice, without seeing the specific details of any survey.

We note the intention to build upon survey data gathered in 2008/2009 as part of the proposed Five Mile Lane improvements application. We welcome the initial scope of further works to review the available desk study information and update the following European protected species surveys:

- Great crested newt
- Dormouse nest tube survey
- Bat activity surveys
- Bat roost inspections/tree climbing inspections

We cannot comment on the adequacy of these proposed or previous surveys at the current time, given that the survey methodologies are not detailed in the scoping report. However we advise that the above surveys are undertaken following published best practice guidance and survey methodologies, and recommend that full detail is provided in the Environmental Statement (ES). The proposed alignment has not been provided with this consultation however we would also advise that otters are considered in the EIA

Please note that if European Protected Species (EPS) are present and likely to be impacted by the proposals, we advise that the EIA sets out detailed conservation proposals, monitoring proposals and where necessary long term habitat management details. In this context the EIA should set out how the proposal will meet the three tests as set out in Regulation 53 of the Habitats and Species Regulations 2010, as amended.

Potential for Contamination

We have some concerns regarding controlled water from the construction and operation of the road; this would include groundwater abstraction from licensed and private water supplies.

We would suggest that the applicant undertakes a risk assessment to investigate the potential for land contamination along the route. We note that there is a historical landfill noted to the west of the existing route at Blacklands Farm. It was not clear from the route plan if the proposed route would cut through this landfill.

We would also require information on the proposed drainage from the road especially if proposing to use soakaways. Please note that the area around Sycamore Cross is underlain by Principal aquifer, which is considered highly sensitive with respect to controlled waters.

We also note that we have a groundwater observation borehole located on a grass verge at Sycamore Cross. The borehole monitors the Carboniferous Limestone at this location and is an important water level and quality monitoring borehole with a long time series record. It is not clear whether the proposal will impact on the observation borehole at ST 075 739

Sycamore Cross. We ask that the applicant confirms whether the road development will impact the borehole.

Flood Risk

We note that several sections of the road fall within the floodplain of the River Waycock as highlighted within section 12 of the scoping report which considers Road drainage and the water environment. Therefore we advise that if any changes are made to the scheme at any of these locations which could affect flood storage or conveyance, they should be investigated as part of a Flood Consequences Assessment (FCA). If the EIA concludes that an FCA is to be undertaken this should include an assessment of water features.

Advice to the applicant

We advise that a method statement demonstrating how any potential impact on watercourses in the area will be mitigated. The developer should refer to Pollution Prevention Guidance document PPG5 produced by The Environment Agency, now adopted by Natural Resources Wales (Works in, Near or Over Watercourses). The guidance note is available at the following link: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/290145/pmh_o1107bnkg-e-e.pdf

The applicant should also produce a waste management plan detailing how any waste generated by the scheme will be disposed of. We suggest that the applicant seek advice on any permits that may be required regarding the use of waste materials. We direct you to our Environmental Management team at our Cardiff office, who can be contacted on 02920 245 239.

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

Yn gywir / Yours faithfully



Miss Ruth Evans

Ymgynghorydd Cynllunio Datblygu – Caerdydd a Bro Morgannwg / Development

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Ein pwrpas yw sicrhau fod adnoddau naturiol Cymru yn cael eu cynnal, gwella a'u defnyddio yn gynaliadwy, yn awr ac i'r dyfodol.

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



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30 October 2014

Annwyl Syr/Madam / Dear Sir/Madam

FIVE MILE LANE IMPROVEMENTS – THE WATER ENVIRONMENT

Thank you for consulting Cyfoeth Naturiol Cymru / Natural Resources Wales on the content of the Water Environment chapter of the Environmental Statement which will accompany the planning application for the above scheme as part of the EIA process.

We can provide you with the following advice and comments:

Flood Risk Management

We welcome your baseline assessment of flood risk and note that several sections of the road fall within the floodplain of the River Waycock. We agree that the river is responsible for an area of flood risk across the existing road to the north west of the Hawking Centre. Below we provide further detail on the hydraulic analysis required for the project as well as the content of a Flood Consequences Assessment (FCA) and surface water management assessment.

Hydraulic Modelling

We can confirm that we have no detailed modelling of the River Waycock and our flood map information is based on Jflow data. As such it is likely that any new works to this area and other areas at risk of flooding will need some hydraulic analysis (modelling) to inform the FCA, which can then demonstrate pre and post construction scenarios. When further plans become available, we will be able to advise further on the modelling requirements.

The final design should be included in the modelling to establish if there are any effects up to and including the 1 in 1000 (0.1%) year event. It is important to ascertain if there are any increases in flood risk elsewhere in line with TAN 15. If any mitigation in the form of ground raising is proposed this must also be modelled.

If modelling is required, we would advise that the upstream / downstream model extent is assessed. The assessment should identify all the risks in the area and take account of all overland flow paths.

We also advise that a sensitivity analysis be undertaken on the downstream boundary and manning's n values.

When submitting a model to Natural Resources Wales as part of any development site, we advise that the following information is included:

- Hydraulic Modeling Report including all Hydrology assumptions and calculations
- All Hydraulic Modeling files, for all scenario's.
- All raw survey data
- GIS Layer showing the model cross section locations.
- GIS outlines if you are planning on challenging the flood map.

Flood Consequences Assessment (FCA)

We enclose an FCA checklist which will help you prepare an FCA for the scheme. This document provides advice to you on the scope of your FCA (based on the information available to us).

Please complete and send this document to us with any draft or completed FCA you wish to receive our advice on, as it will help us be as effective as we can be in responding to you. Please note that a submission in line with our advice will enable a better understanding of the risks and consequences of flooding, but will not necessarily mean the risks and consequences are demonstrated as being managed acceptably in line with TAN15. We reserve the right to request further information in future if it is needed to establish the risks and consequences of flooding.

The assessment should demonstrate how consequences can be managed and the conclusions should be used in the Environmental Statement to inform the design of the project and any mitigation or compensation measures required.

As part of this assessment, we would advise that the impacts on drainage systems and surface water runoff need to be assessed. In addition, those impacts on areas considered to be of high risk of flooding which includes floodplains should also be assessed.

Should you have any queries in relation to our advice on the scope of the FCA, please contact our Development and Flood Risk Officer Carl Llewellyn (Tel. 029 20 245010).

Surface Water Management

We also advise that a Surface Water assessment is undertaken at the earliest opportunity which should include the design of the surface water drainage system. At this stage we would advise that the following information is produced:

- Demonstrate how the principles of Sustainable Drainage Systems have been applied to the development identifying what techniques will be used.
- Set aside land specifically for SUDS.
- Estimate the discharge rate for the site. Greenfield discharge rates should be sought on Greenfield sites, and also on Brownfield sites (where possible).
- Estimate the volume of 1 in 100 year attenuation to be provided and what techniques will be used to provide the attenuation.
- Take into account TAN 15 climate change requirements.

It is important that the strategy is carried out at the outset to identify the options for the design of the surface water drainage system.

No specific green field run off is available at this location, in this situation, surface water drainage proposals will be measured against the existing Greenfield/undeveloped site. We would be seeking reductions in the peak rates of run-off from the existing site characteristics. Notwithstanding this, the local sewerage undertaker or drainage operating authority may specify a lower maximum discharge rate. The maximum discharge rate and provision of attenuation will normally apply to all parts of the road where the existing run-off characteristics are altered by the proposed development. This is to ensure that the run-off from the whole site is not increased when compared to the pre-development situation.

Water Quality

The proposed road scheme crosses over the boundary of two river water bodies including both the Weycock (Water body ID: GB 110058026400) and the Llancarfan (Water body ID: GB110058026410).

We attach the WFD classification information summaries for the 2013 cycle 1 for both water bodies. Summaries are available for the 2013 cycle 2, however this did not classify physchem elements such as phosphate, therefore we advise that the earlier data is considered with regard to water quality.

Our latest water quality modelling data undertaken at Curnix Bridge on the River Waycock (ST 0660068820) and upstream on the Llancarfan at Penmark (ST0514068850) identified high levels of physchems (sampled 4X per annum).

The Llancarfan has also been sampled for invertebrates upstream of the confluence with the River Waycock and has received high status in the past, however in 2013 this was reduced to good. The Waycock has also been sampled for invertebrates at Curnix Bridge and received a consistently high status in the past.

When considering water quality in the ES and further in the design of the project, it is important to consider that both watercourses have relatively high levels of nutrients including phosphate. Therefore any additional inputs received from the surrounding land and/or associated with inputs of sediment from the development (i.e. construction) would not be encouraged. The ES should assess and mitigate for this.

We would also advise that impacts from fuel / oils from heavy plant machinery during construction and once operational also need to be considered for their impacts on water quality.

The short and long term risks of sediment run off from the adjacent land where infiltration methods are applied will need to be considered within the surface water quality strategy. We believe that the risk of sediment runoff is likely to be high during the construction phase and adequate provisions will need to be considered in the ES to reduce such risk for whatever discharge method is agreed.

We advise at this stage that all options are considered in the ES before proposing to discharge into watercourses.

Further advice

We are aware that the River Weycock can sometimes cause operational issues during flood events for DCWW's Weycock Cross sewage works (located close to the river crossing on the map supplied by yourselves). Discharges from the STW are sometimes restricted due to raised river levels at the works outfall during heavy rainfall periods. Again we advise that this is considered in the design of the scheme.

Impacts on watercourse crossings should be properly assessed within the ES, we would be happy to discuss this further.

Future Communications

Please be aware that any advice and comments which may have been made by Natural Resources Wales within the planning process should only be looked at in the context of that regime within which they fall and should not be construed as having any bearing or binding effect on other regulatory processes. Should the applicant or their contractors/consultants require any consents/permits from Natural Resources Wales then application forms should be submitted to us as soon as possible and in advance of development because this may take several months to determine.

We trust our above comments are of helpful and we look forward in working with you on environmental matters. If it would be helpful to meet with you to discuss any of the above issues further, please contact myself on the contact details below.

Yn gywir / Yours faithfully



Miss Ruth Evans

Ymgynghorydd Cynllunio Datblygu - Caerdydd a Bro Morgannwg / Development Planning Advisor – Cardiff and the Vale of Glamorgan

Cyfoeth Naturiol Cymru / Natural Resources Wales

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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.



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15 December 2014

Annwyl Syr/Madam / Dear Sir/Madam

FIVE MILE LANE IMPROVEMENTS – THE WATER ENVIRONMENT

Thank you for further consulting us on the content of our response dated 30 October 2014 outlining the contents of the Water Environment chapter of the Environmental Statement which will accompany the planning application for the above scheme as part of the EIA process.

We note the two questions put forward in your email of the 10 November and respond below.

- 1) Please may you confirm that our proposals not to undertake hydraulic modelling in this area are acceptable?

Based on the information and the justification provided in your email dated 30 October 2014, we agree that no hydraulic modelling of the River Waycock at the location of the new road to the north of the river crossing is required. However if the route does change, modelling may be required, if this is the case please contact us for further advice.

- 2) The proposals will commit the scheme to the use of SUDS techniques with associated water quality treatment and attenuation storage. Please may you confirm that it will be acceptable to submit proposals with this level of drainage design detail as we will not be able to provide you with a full detailed design and associated calculations until later in the project?

In principle the use of SUDS and attenuation storage is acceptable, we appreciate that full detailed design may not be available at early stages of the project. We advise that full details and any calculations are submitted when they become available.

Future Communications

Please be aware that any advice and comments which may have been made by Natural Resources Wales within the planning process should only be looked at in the context of that regime within which they fall and should not be construed as having any bearing or binding effect on other regulatory processes. Should the applicant or their contractors/consultants require any consents/permits from Natural Resources Wales then application forms should be submitted to us as soon as possible and in advance of development because this may take several months to determine.

We trust our above comments are of helpful and we look forward in working with you on environmental matters. If it would be helpful to meet with you to discuss any of the above issues further, please contact myself on the contact details below.

If you have any further queries, please contact us

Yn gywir / Yours faithfully



Miss Ruth Evans

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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.