

Leakey, Antony

From: Leakey, Antony
Sent: 25 February 2016 17:28
To: [REDACTED]
Cc: Sophie Perrin
Subject: RE: Wood gasifier EPR pre-app

Importance: High

[REDACTED] apologies for the late provision of agenda for tomorrow. We would like to cover the following:

- Overview of the proposal:
 - Technology and process
 - Operator legal entity
 - Plant capacity / listed activity / ies
 - Fuel / tonnages
 - Relevant minimum standards, BRef and other technical guidance –
 - DAAs (inc. pre-treatment activity / ies (if any))
 - Abatement plant (inc. residence time of gases in SCR)
 - Emissions to water (if any)
 - Wastes sent off-site
- Expected application date and determination lead time
- Content of application:
 - Forms
 - Air quality assessment
 - Human health risk assessment
 - Habitats
 - Abnormal operations
 - Site condition report
 - Dust
 - Noise
 - Odour
 - BAT assessment – EE, *residence time cfd*
 - OPRA / application fee
 - Environmental management system
 - Operator competence (for waste activities)
- High public interest issues
- AOB ~ *£500 for new paper*

Regards,

Tony Leakey

ARhLI Arbenigwr Technegol / PPC Technical Specialist

Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: 03000 653087

Ffôn symudol / Mobile: [REDACTED]

E-bost/E-mail: antony.leakey@cyfoethnaturiolcymru.gov.uk / antony.leakey@naturalresourceswales.gov.uk

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

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From: [REDACTED]mailto:[REDACTED]@sol-environment.co.uk]
Sent: 03 February 2016 21:39
To: Leakey, Antony
Cc: [REDACTED]
Subject: RE: Wood gasifier EPR pre-app

Cheers Tony,

We have recently worked with Victoria on a different permitting project, so it will be good to do so again.

We will put the date in the diary and let our client know.

Many thanks,

Steve


[REDACTED] Sol Environment
Malvern | Bristol | Edinburgh
t: [REDACTED] m: [REDACTED]
e: [REDACTED]@sol-environment.co.uk W: www.sol-environment.co.uk

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 Low Carbon South West

From: Leakey, Antony [<mailto:Antony.Leakey@cyfoethnaturiolcymru.gov.uk>]
Sent: 03 February 2016 15:48
To: [REDACTED]<[REDACTED]@sol-environment.co.uk>
Cc: [REDACTED]<[REDACTED]@sol-environment.co.uk>; Seller, Victoria
<Victoria.Seller@cyfoethnaturiolcymru.gov.uk>
Subject: RE: Wood gasifier EPR pre-app

[REDACTED]

I have arranged to hold a pre-application meeting on **Friday 26th February at 10.30 am** at our Ty Cambria Head Office, Newport Road, Cardiff CF24 0TP. I have attached an old location guide, but please note that the bus numbers may be out of date. The easiest way to get to Ty Cambria is by train to Cardiff Queen Street station, which can be reached from Cardiff Central on the mainline.

A senior permitting officer, Victoria Seller will also attend the meeting, which will help with continuity when the application comes in.

The key items we will need to cover at the meeting will be:

- EPR Activity reference and directly associated activities
- Operator legal entity
- Relevant minimum standards, BREF and other technical guidance
- Human health impact assessment

- High public interest issues
- Provisional EOPRA and application fee
- Expected application date and determination lead time

If there are any other specific issues that you wish to discuss please let us know in advance, along with any supporting information. Please do not hesitate to call if you would like to discuss anything in the meantime.

Regards,

Tony Leahey

ARhLI Arbenigwr Technegol / PPC Technical Specialist

Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: 03000 653087

Ffôn symudol / Mobile: [REDACTED]

E-bost/E-mail: antony.leahey@cyfoethnaturiolcymru.gov.uk / antony.leahey@naturalresourceswales.gov.uk

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From: [REDACTED] [mailto:\[REDACTED\]@sol-environment.co.uk](mailto:[REDACTED]@sol-environment.co.uk)

Sent: 01 February 2016 18:27

To: Leahey, Antony

Cc: [REDACTED]

Subject: RE: Wood gasifier EPR pre-app

Hi Tony,

It clearly is the same project, however the developer is different and is not Sunrise Renewables.

We are preparing the permit application at the moment and will be working to all of the various Sector Guidance requirements.

All of the air quality and habitats work is complete and we can easily draw up a OPRA worksheet if required.

I am not sure if the site will be classified as a site of high public interest, however we will consider that closer to the time. Any of the suggested dates work well with us, so please could you advise of the permitting officer availability and we will work around that.

I look forward to meeting with you soon.

All the best,

[REDACTED]

[REDACTED] | Sol Environment

Malvern | Bristol | Edinburgh

t: [REDACTED] m: [REDACTED]

e: [REDACTED]@sol-environment.co.uk W: www.sol-environment.co.uk

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From: Leakey, Antony [<mailto:Antony.Leakey@cyfoethnaturiolcymru.gov.uk>]

Sent: 01 February 2016 17:54

To: [REDACTED] <[REDACTED]@sol-environment.co.uk>

Cc: [REDACTED] <[REDACTED]@sol-environment.co.uk>

Subject: RE: Wood gasifier EPR pre-app

[REDACTED]

I'm afraid if this is the same development that has planning permission at the Barry docks site we have already provided general pre-application advice to a prospective developer. Are you saying that the developer has now changed but the project remains the same as that which currently has planning permission?

If you are able to provide details of the recent history of this project it will help our understanding. Our last involvement was with Sunrise Renewables.

I suggest the best way forward is to arrange a meeting when you have specific aspects of the application that need clarification or agreement, e.g. EP OPRA score, scope of air quality and habitats assessments. Ideally details of these should be made available in advance.

As this is likely to be an application of high public interest it may be beneficial to have the permitting officer at the meeting also.

Unfortunately I do not have much availability during February and none during w/c 15th. I suggest 22nd, 25th or 26th February as options, depending upon permitting officer availability.

Please provide your preferred dates and venue, along with details of the application aspects upon which you are seeking clarification.

Regards,

Tony Leakey

ARhLI Arbenigwr Technegol / PPC Technical Specialist

Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: 03000 653087

Ffôn symudol / Mobile: [REDACTED]

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From: Steve Butler [<mailto:steve.butler@sol-environment.co.uk>]

Sent: 01 February 2016 12:25

To: Leakey, Antony

Cc: Sophie Perrin

Subject: RE: Wood gasifier EPR pre-app

Hi Antony,

Although I appreciate that you may have held meetings regarding a proposed gasification site in Barry, to date none of these meetings have been held with ourselves, our client or the lenders (Aviva).

This project is commencing detailed design and will be in construction during 2016. The permit applications will be made during March this year.

We would like to request a formal pre-app meeting as soon as possible please. Please could you advise of any available dates w/c 15th Feb.

Kind regards,

[REDACTED]
[REDACTED] Sol Environment
Malvern | Bristol | Edinburgh
t: [REDACTED] m: [REDACTED]
e: [REDACTED]@sol-environment.co.uk W: www.sol-environment.co.uk

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From: Leakey, Antony [<mailto:Antony.Leakey@cyfoethnaturiolcymru.gov.uk>]
Sent: Friday, January 29, 2016 5:44 PM
To: [REDACTED] <[REDACTED]@sol-environment.co.uk>
Subject: RE: Wood gasifier EPR pre-app

[REDACTED] the developer seems to be different to the original, so I'm a bit confused about the history of this project. We may be able to provide some further pre-application time without charge as long as we are not going over previous matters covered.

I suggest that you go through the suggested guidance and compile any specific queries that arise. I can then provide advice on these by email/phone and we can arrange a meeting if necessary should any substantial issues arise.

Regards,

Tony Leakey
ARhLI Arbenigwr Technegol / PPC Technical Specialist
Cyfoeth Naturiol Cymru / Natural Resources Wales
Ffôn/Tel: 03000 653087
Ffôn symudol / Mobile: [REDACTED]

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From: [REDACTED] [[mailto:\[REDACTED\]@sol-environment.co.uk](mailto:[REDACTED]@sol-environment.co.uk)]

Sent: 25 January 2016 13:18

To: Leakey, Antony

Subject: RE: Wood gasifier EPR pre-app

Hi Tony,

Sorry for my late reply, I was out of the office last week.

The owner and operator is Biomass UK No.2 Ltd and the gasification technology is by Outotec Ltd. The engineering company responsible for the delivery of the plant is Power Consulting Midlands Ltd.

I have spoken to the client and they would like to know how much pre-app time they have left and how much the charge would be if they decided they wanted another pre-app meeting?

Many thanks,

From: Leakey, Antony [<mailto:Antony.Leakey@cyfoethnaturiolcymru.gov.uk>]

Sent: Wednesday, January 20, 2016 9:33 AM

To: [REDACTED] <[\[REDACTED\]@sol-environment.co.uk](mailto:[REDACTED]@sol-environment.co.uk)>

Subject: RE: Wood gasifier EPR pre-app

[REDACTED] our records suggest that we have already provided pre-application advice for a 10 MW wood gasification plant at this address back in 2014/15. We were also heavily involved in the planning consultation which you refer to, so it seems that these are the same projects.

Please can you confirm who the developer is and the proposed technology so that we can cross check with our current records.

We are only able to provide up to 15 hours of pre-application advice before we have to levy an hourly charge rate, so there may be limited time available unless you are prepared to pay for more time for detailed discussions.

I have attached a document including some links to guidance that you may find useful ahead of any detailed discussions we are able to hold. The key links are reproduced below:

Regulatory Guidance Notes

<https://www.gov.uk/government/collections/regulatory-guidance-series-environmental-permitting>

How to comply

<https://www.gov.uk/government/publications/how-to-comply-with-your-environmental-permit>

Application forms

<http://naturalresourceswales.gov.uk/apply-and-buy/Installations/bespoke-permit/?lang=en>

H1

<https://www.gov.uk/government/publications/h1-environmental-risk-assessment-for-permits-overview>

Habitats Screening

<http://naturalresourceswales.gov.uk/how-we-regulate-you/heritage-screening-report/?lang=en>

Please give me a call if you have any queries.

Regards,

Tony Leakey

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Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: 03000 653087

Ffôn symudol / Mobile: [REDACTED]

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From: [REDACTED] [[mailto:\[REDACTED\]@sol-environment.co.uk](mailto:[REDACTED]@sol-environment.co.uk)]

Sent: 19 January 2016 16:04

To: Leakey, Antony

Subject: RE: Wood gasifier EPR pre-app

Hi Tony,

Sorry I have been out of the office the last couple of days.

I wanted to arrange a pre-application meeting for a 10MW Wood Gasification Plant in Barry.

The site address is: Woodham Road, Barry, CF63 4JE.

The development has been granted planning permission (Ref: 2015/00031/OUT) so you will be able to look at the planning documents if you need more information on the project.

When would be convenient for the meeting to take place?

Many thanks,

From: Leakey, Antony [<mailto:Antony.Leakey@cyfoethnaturiolcymru.gov.uk>]

Sent: Tuesday, January 19, 2016 1:31 PM

To: [REDACTED] [[mailto:\[REDACTED\]@sol-environment.co.uk](mailto:[REDACTED]@sol-environment.co.uk)]

Subject: Wood gasifier EPR pre-app

[REDACTED] have been asked to contact you by a colleague for an Environmental Permit pre-application discussion regarding a proposed wood gasification plant at Barry in South Wales.

I've tried to contact you by phone a couple of times without success, perhaps you could email me some more details or call on the numbers below to discuss further.

Regards,

Tony Leakey

ARhLI Arbenigwr Technegol / PPC Technical Specialist

Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: 03000 653087

Ffôn symudol / Mobile: [REDACTED]

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Agenda

2nd September 2014

Sunrise Renewable pre application meeting

1. Overview of proposed installation
2. Activity reference
3. DAAs
4. Relevant guidance, Directives and Quality Protocols
5. Application forms
6. Assessments
 - a. H1
 - b. Air quality
 - c. Human Health
 - d. Water discharges
 - e. Establishing a baseline – H5 / RGN9
 - f. Habitats
 - g. CHP Ready
 - h. BAT
7. Timelines
8. OPRA / HPI
9. Monitoring requirements
- Other / AOB
 - a. How to Comply
 - b. Habitat Screening
 - c. NRW contact details
 - d. Companies House

26/2/16

Wood Gasifier pre-app

Applicant within 6-8 weeks

3 UK projects in UK - Aviva Runder
UK Biomass ab. 2 Ltd.

Power Country models - Anna engineers

Lo Joe Gov.

Gratford Tri

Operator - claimed to not be O&M contractor

→ Hoddeston, Berkshire - gasification plant - RDF 'owner's' operator.

UK plants - Hull & Boston → Applicant submitted with 2 weeks.
waste wood.

→ Chipped wood delay - no on-site processing; Grade B+C
- 3-5 days open air pile store

NG CHP - readiness study.

44t in stock

C-m-c

10 MWe

RDF possible future fuel

\$86,000 tpa net tonnes

72 ktpa dry basis

MCERTS, CEN

Build programme - discharge of pre-start plan.

- commission ops Nov. 2017

- commissioning - May 2017

- Commissioning plan to be
submitted with application

Norm modelling - files to be provided.

WARRIOR qualification.

EMS - 450100001

**THE VALE OF
GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED**

2015/00031/OUT
Rec'd 16-04-2015



10
1:500

[illegible]

DISC

