

[REDACTED]

---

**From:** [REDACTED]

**Sent:**

21 June 2023 12:12

**To:** [REDACTED]

[REDACTED] Facility - Schedule 5 Notice

**Attachments:**

S3191-0330-0004KLH Response to additional queries R0.pdf; Beddington ERF-LMI-Waste Acceptance Procedure 08 06 23.pdf

Reference: S3191-0020-0091

Dear [REDACTED]

Further to the additional schedule 5 queries below, please find attached our response which addresses the outstanding points raised.

We have also attached the updated Waste Acceptance Procedure whereby section 2.1 has been updated to reference the updated tables of waste in the consolidated permit.

We trust the attached is acceptable to you and will enable the minded to consultation to commence accordingly. Please do not hesitate to get in contact if you have any questions or would like to discuss.

Kind regards,

[REDACTED]  
Associate Senior Consultant

**FICHTNER**  
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**From:** [REDACTED]  
**Sent:** Tuesday, June 6, 2023 4:53 PM  
**To:** [REDACTED]  
**Subject:** RE: Beddington Energy Recovery Facility - Schedule 5 Notice

Reference: S3191-0020-0090

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[REDACTED]

I have amended the 32.5 MWe electricity generated to 29.5 MWe and look forward to your response to the outstanding Schedule 5 questions

Kind regards  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** 06 June 2023 15:40  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Beddington Energy Recovery Facility - Schedule 5 Notice

Reference: S3191-0020-0089

Dear [REDACTED]

Thank you for your email and for your time on the phone earlier.

We acknowledge your queries below on the Schedule 5 response and will look to provide a response to these as soon as possible. If the response is still in development at the end of this week when I go on annual leave, I will advise you of the expected timescale for the response and will ensure that a colleague covers in my absence.

With regards the point on electrical generation capacity, the application documents stated that *“Implementing the changes to the combustion control concept will result in the ERF generating up to approximately 29.5 MWe”* – this is also reflected in the updated GHG assessment (gross electrical generation 250,514MWh and net electrical generation of 225,038MWh, assuming 8,492 hours availability this equates to 29.5 MWe gross and 26.5 MWe net). We are not sure where you have obtained the value of 32.5MWe from. Can you therefore please ensure the permit is updated in accordance with our comments provided previously?

We have passed on the additional points to Viridor for their consideration and review.

We trust the above is acceptable to you but please feel free to give me a call if you would like to discuss.

Kind regards,  
[REDACTED]

Please note I will be on annual leave between 12 – 20 June, returning to work on 21 June.

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**From:** [REDACTED]  
**Sent:** Tuesday, June 6, 2023 11:48 AM  
**To:** [REDACTED]  
**Subject:** RE: Beddington Energy Recovery Facility - Schedule 5 Notice

Reference: S3191-0020-0088

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[REDACTED]

Thank you for this information and for the feedback on the draft permit. With regards the Schedule 5 Notice response, the following points need clarification/amendment:

- Question 1:
  - You have not demonstrated how the throughput capacity at the tipping hall is sufficient. You have only mentioned that a buffer was built into the design of the tipping hall, but have not provided any figures to demonstrate this.
  - You have not demonstrated how the throughput capacity within the bunker is sufficient, only that buffer storage capacity was designed into the bunker, but no specific figures on capacities has been provided.
  - You have not demonstrated how the emissions abatement equipment is sufficiently sized, only that an operational buffer has been designed into the equipment, but no specific figures on the designed treatment/flow rates.

For the above you need to demonstrate that each stage of the process is sufficiently sized. For example this could be shown through the original design calculations/specifications for that process/piece of equipment.

- Question 2: Waste acceptance criteria – section 2.1 of this document needs to be updated to reflect the consolidated permit and the new tables of waste in this updated permit.

I have made a number of the suggested amendments to the draft permit, however the following points should be noted:

- Within the introductory note the electrical generation capacity has been left at 32.5MWe, as this is the generation capacity, albeit 3MWe of this is parasitic load, but this is clearly stated in the permit.
- **All WEEE storage must comply with permit condition 2.6.2**, which is a standard permit condition for WEEE. This means that the proposed changes to WEEE storage within the introductory note will not be made.
  - In the current standard rules permit (SR2015 No10) table 2.3 details how the waste should be managed. Point 2 in this table mentions that only certain “specified wastes” may be stored outside/within a secure container. The list of these wastes can be found in section 4.4 and does not include domestic WEEE waste, tyres, or electrical waste in chapter 16.
- In table S1.1 the change from “electricity generation” to “energy generation” will not be made, because if heat is exported in the future a permit variation will be required, at which point this wording can be amended.
- In table S1.1 no changes will be made to the reference of amount of electricity produced. This description does not limit the amount of energy generated as this is written in the "description of specified activity" box and not the "limits of specified activity " box.
- IC2 and IC6 will be left in the permit as the Area Officer has confirmed that these have not been fully completed.

Please can you let me know when you will be able to provide the information to questions 1 and 2, as stated above.

Kind regards

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**From:** [REDACTED]  
**Sent:** 25 May 2023 16:25  
**To:** [REDACTED]  
[REDACTED] - Schedule 5 Notice

Reference: S3191-0020-0085

Dear [REDACTED]

Further to your recent request, please find below a link to the Schedule 5 response for Beddington:

[https://drive.google.com/drive/folders/1cl3QyLIB9bdexL7mO9ussm8hTqfc3iYg?usp=share\\_link](https://drive.google.com/drive/folders/1cl3QyLIB9bdexL7mO9ussm8hTqfc3iYg?usp=share_link)

We trust that the documents provided within the link above sufficiently address the queries raised in the Schedule 5 notice.

Please do not hesitate to get in contact should you have any questions or wish to discuss.

Kind regards,

[REDACTED]  
Associate Senior Consultant

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**From:** [REDACTED]  
**Sent:** Friday, May 5, 2023 2:33 PM  
**To:** [REDACTED]  
**Subject:** Beddington Energy Recovery Facility - Schedule 5 Notice

Reference: S3191-0020-0082

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Hi [REDACTED]

Please find attached the Schedule 5 Notice for Beddington Energy Recovery Facility. The deadline for returning the information is 26 May 2023.

On a separate note I have now used up all of the hours associated with both permit variations application fees and we will now be moving to time and materials charges. I will be in touch shortly to give you a quotation of the hours used so far and anticipated hours remaining on the determination.

If you have any questions then please give me a call.

Kind regards

[REDACTED]  
Senior Permitting Officer – National Permitting Service

**Environment Agency**  
[REDACTED]



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