

**Katherine Rawlins**

**From:** Sam.Dumbrell@westsussex.gov.uk  
**Sent:** 10 August 2012 17:22  
**To:** Katherine Rawlins  
**Cc:** Graham Evans  
**Subject:** Re: FW: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)  
**Importance:** High

Dear Katherine,

Thanks for the prompt response.

Is completing the form something that needs completing and assessing by the EHO in advance of any decision being taken or can it be controlled by other means?

**Graham** - I'd really appreciate it if you could come back to me by 14/08/12 with your comments on the boiler details/chimney height. With the objections withdrawn, my 8 week date of the 15/08/12 seems viable again.

I'd agree that controlling the cladding by condition for the reasons stated is necessary and appropriate. Please confirm that the objection is removed.

Regards, Sam

|                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sam Dumbrell   Senior Planner, County Planning, <u>West Sussex County Council</u>   Location: County Hall, Chichester, West Sussex, PO19 1RH<br>Internal: 77674   External: +44 (0) 1243-777674   E-mail: <a href="mailto:sam.dumbrell@westsussex.gov.uk">sam.dumbrell@westsussex.gov.uk</a> |
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Katherine Rawlins  
 <Katherine.Rawlins@arun.gov.uk>

To <Sam.Dumbrell@westsussex.gov.uk>

cc Graham Evans <Graham.Evans@arun.gov.uk>

10/08/2012 09:35

Subject FW: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)

Dear Sam,

I have a hard copy of the request form and will forward this to you by post. Once completed, please return to Graham Evans, Senior Environmental Health Officer.

In the meantime, I will request EHO to comment on the boiler details/chimney height.

With regard to the timber cladding, I would recommend that the timber/hardwood cladding is controlled by condition, to ensure that it integrates into the local setting. This is important, as the site abuts a Conservation Area (Eastergate Church Lane).

Regards,  
 Katherine Rawlins  
 Senior Planner

Arun District Council  
[www.arun.gov.uk](http://www.arun.gov.uk)

**From:** Sam.Dumbrell@westsussex.gov.uk [mailto:Sam.Dumbrell@westsussex.gov.uk]  
**Sent:** 09 August 2012 13:38  
**To:** Katherine Rawlins  
**Subject:** RE: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)  
**Importance:** High

Dear Katherine,

Thanks for your email and hope you're feeling better now.

Regarding the EHO's response of 'no objection' following submission of the additional information, I'm concerned that the EHO states that *"Insufficient information is available in the application to enable such an assessment, in particular the height and diameter of the stack. I would again request the completion submission of the attached Biomass Boiler Information Request form if this can be arranged"*. Is this information mandatory or desirable? Can it or should it be conditioned? I've asked the agent to comment also. He says that he has not yet seen this Request form yet?

I've been advised of the following regarding the boiler details, which I'd appreciate your EHO's input on. They are:

Maximum boiler output: 80kW

Maximum output in 1 hr: 80 kWh

Energy content of wood pellets @ 10% moisture content 4732 kWh/t

Fuel consumption at maximum output in 1 hour:  $80/4732 = 0.0169$  t or 16.9kg, well under the limit that requires a chimney height approval from Arun DC.

That said, I measure the chimney heights to be 2.9m from the top of the container (container being 2.8m high) and 4.35m in total from the Boiler Section A-A plan.

In terms of the objection to the wood cladding, is there a preferred material that Arun DC would wish to be used? The reason for the wood cladding is to contain the industrial container that the boiler would be housed in within this corner of the school site. Much of the school is also clad in wood/timber and the adjacent oil tank is contained within a wooden, fenced compound. This timber/wood cladding could be controlled to help integrate it into the local setting. Please advise.

Look forward to hearing from you.

Regards, Sam

|                 |                                                             |                                                                                            |
|-----------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Sam Dumbrell    | Senior Planner, County Planning, West Sussex County Council | Location: County Hall, Chichester, West Sussex, PO19 1RH                                   |
| Internal: 77674 | External: +44 (0) 1243-777674                               | E-mail: <a href="mailto:sam.dumbrell@westsussex.gov.uk">sam.dumbrell@westsussex.gov.uk</a> |

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Katherine Rawlins  
 <Katherine.Rawlins@arun.gov.uk>

07/08/2012 11:46

To <Sam.Dumbrell@westsussex.gov.uk>

cc

Subject RE: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)

**Katherine Rawlins**

**From:** Katherine Rawlins  
**Sent:** 07 August 2012 11:46  
**To:** 'Sam.Dumbrell@westsussex.gov.uk'  
**Subject:** RE: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)  
 Dear Sam,

Apologies for the delay in responding - I have just returned from sick leave today.

Please see the response below from the Council's Environmental Health Officer.

I think that the additional information satisfies most of the issues raised and I have no objection to the proposal, however -

Local Air Quality Management Technical Guidance TG(09) requires that plant burning biomass in 50kW to 20MW units are identified and that a screening assessment is undertaken for the purposes of Local Air Quality Management. Insufficient information is available in the application to enable such an assessment, in particular the height and diameter of the stack. I would again request the completion submission of the attached Biomass Boiler Information Request form if this can be arranged.

With regard to the use of wood cladding, the objection is outstanding.

Regards,

Katherine Rawlins  
 Senior Planner  
 Arun District Council  
[www.arun.gov.uk](http://www.arun.gov.uk)

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**From:** Sam.Dumbrell@westsussex.gov.uk [mailto:Sam.Dumbrell@westsussex.gov.uk]  
**Sent:** 25 July 2012 15:55  
**To:** Katherine Rawlins  
**Subject:** Fw: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)  
**Importance:** High

Dear Katherine,

Please find attached a response plus attachments from the agent that attempts to address the objections raised by Arun DC (10/07/12).

Please can you forward your response to this re-consultation **not later than 06/08/12**.

Regards, Sam

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sam Dumbrell   Senior Planner, County Planning, <u>West Sussex County Council</u>   Location: County Hall, Chichester, West Sussex, PO19 1RH |
| Internal: 77674   External: +44 (0) 1243-777674   E-mail: <a href="mailto:sam.dumbrell@westsussex.gov.uk">sam.dumbrell@westsussex.gov.uk</a> |

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--- Forwarded by Sam Dumbrell/PL/WSCC on 25/07/2012 15:51 ---

[Redacted]

To <Sam.Dumbrell@westsussex.gov.uk>

[Redacted]

24/07/2012 11:10

<nick@doucheco.co.uk>

Subject RE: Eastergate C of E Primary School Containerised Biomass Boiler  
(Ref: EG/43/12/)

Good morning Sam,

**RE: Eastergate C of E Primary School Containerised Biomass Boiler (Ref: EG/43/12/)**

Eastergate CoE Primary School has taken the time to respond to the issues raised by Arun District Council and West Sussex County Council on details submitted in support of the above application.

- Section A of the attached addresses the comments made by Arun District Council.
- Section B of the attached addresses the comments made by West Sussex County Council.

Further to our responses to the Councils' concerns, we would like the Council to note that the containerised boiler house is not a permanent structure and is removable.

We thank you for the comments made and hope the above provides a suitable response.

Should you or your colleagues wish to discuss any matters in further detail or arrange to visit similar boilers in operation in the local area please do not hesitate to contact me.

Yours sincerely,

Joshua Allen  
Consultant  
Sustainable Planning & Policy

  
www.climate-consulting.co.uk

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**From:** Sam.Dumbrell@westsussex.gov.uk [mailto:Sam.Dumbrell@westsussex.gov.uk]  
**Sent:** 23 July 2012 15:52  
**To:** Joshua Allen  
**Cc:** Nicola.Winser@westsussex.gov.uk  
**Subject:** Fw: Eastergate CoE Primary School - Planning Application WSCC/039/12/EG  
**Importance:** High

FYI - EA response.

|                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sam Dumbrell   Senior Planner, County Planning, West Sussex County Council   Location: County Hall, Chichester, West Sussex, PO19 1RH<br>Internal: 77674   External: +44 (0) 1243-777674   E-mail: sam.dumbrell@westsussex.gov.uk |
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**Katherine Rawlins**

**From:** Katherine Rawlins  
**Sent:** 10 July 2012 12:29  
**To:** 'Sam.Dumbrell@westsussex.gov.uk'  
**Subject:** WSCC/039/12/EG

Dear Sam,

Further to your consultation for a proposed biomass boiler at Eastergate C of E Primary School, please find below comments from Arun District Council's Environmental Health Officer.

I will send the full consultee response by 19 July.

**Environmental Health:**

**Air Quality**

It is noted that the proposed boiler is relatively small (80kW) and in a rural location with few nearby neighbours. Nevertheless Local Air Quality Management Technical Guidance TG(09) requires that plant burning biomass in 50kW to 20MW units are identified and that a screening assessment is undertaken. Insufficient information is available in the application to enable such an assessment. I would therefore request the completion submission of the attached Biomass Boiler Information Request form in support of the application. I would also draw the applicant's attention to the attached guidance leaflet.

In respect of the limited information submitted:-

The application proposes the use of pelletised fuel which will have consistent size, geometry and moisture content (a condition might be considered in respect of fuel specification). No detail is provided in respect of fuel storage.

The Air Quality Assessment appears to provide emission data for a range of boilers and does not identify the proposed plant.

In addition to the above, it is a requirement under the Clean Air Act that all new furnaces >16.12kW are notified to this authority and are capable of operating without emitting smoke. Furnaces burning solid fuel at >45.4kg/h require approval from this authority in respect of their grit and dust arrestment plant. Such furnaces also require approval from this authority in respect of the proposed chimney height, which cannot be readily ascertained from the submitted details. We are unable to approve a proposed chimney height unless we are satisfied that it will be sufficient to prevent emissions becoming prejudicial to health or a nuisance. The stack height must therefore be identified and evidence presented to demonstrate that predicted emissions associated with the calculated stack height will not unreasonably impact upon the area. Dispersion modelling may be required to ascertain an appropriate stack height.

**Noise**

No details are provided in respect of noise produced by the plant. The proposal states that the boiler will only operate during school hours are noted; it may be necessary to confirm this by condition.

Regards,

Katherine Rawlins | Senior Planning Officer, Planning Services, Arun District Council | Location: Ground Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF  
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Visit Arun's web site at www.arun.gov.uk



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**Katherine Rawlins**

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**From:** Katherine Rawlins  
**Sent:** 04 July 2012 17:11  
**To:** 'sam.dumbrell@westsussex.gov.uk'  
**Subject:** WSCC/039/12/EG

Dear Sam,

**Re. Eastergate Cof E Primary School - proposed containerised biomass boiler**

I have just received the consultation for the above planning application and will endeavour to respond to you by 19 July.

I trust this is acceptable. If you have any queries, I can be contacted on the number below.

Regards,

Katherine Rawlins | Senior Planning Officer, Planning Services, Arun District Council | Location: Ground Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

Internal: 37314 | External: +44 (0) 1903 737500 ext.37314 | E-mail: [katherine.rawlins@arun.gov.uk](mailto:katherine.rawlins@arun.gov.uk)

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