

From: [REDACTED]
To: [REDACTED]
Cc:
Subject: RE: Scoping Response, Beacon Fen Solar Farm
Date: 26 June 2023 14:20:55
Attachments: [image007.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)
[image012.png](#)
[image013.png](#)

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Dear Paul,

Thank you for your email.

We note your intention to confirm with your client whether the machinery used will meet these standards, as we suggested. While we are pleased this is being considered, I should point out that we did not indicate within our response to the Planning Inspectorate that we wished Air Quality to be scoped in to further assessment - our comments were simply advisory – but note that the Planning Inspectorate, possibly also following comments made by other consultees, has requested that ‘Plant emissions during construction and decommissioning’ should be scoped in unless robust justification can be provided.

If you need anything further from us, please don’t hesitate to contact me.

Kind regards

Lizzie

Lizzie Griffiths

Planning Specialist – National Infrastructure Team

Environment Agency | Lateral, 8 City Walk, Leeds, LS11 9AT

[REDACTED]
[REDACTED]



From: Sanderson, Paul <[REDACTED]>
Sent: 23 June 2023 13:57
To: NIteam <[REDACTED]>
Subject: Scoping Response, Beacon Fen Solar Farm

Dear Sir/Madam,

Thank you for your comments in relation to air quality on the Scoping Report [EN010151-000008-EN010151 - Scoping Report.pdf \(planninginspectorate.gov.uk\)](#) for the proposed Beacon Fen Solar Farm.

We have initially proposed to scope out air quality within the Scoping Report, with the assumption a construction environmental management plan (CEMP) and construction traffic management plan (CTMP) will be put in place during construction of the development. It is still our view that air quality can be scoped out of the final ES, and will review further information to determine this and communicate our findings to you, as follows;

Non-Road Mobile Machinery (NRMM)

The Environment Agency has requested consideration of control of emissions from onsite NRMM used in construction and recommended that any NRMM of 36kW to 560kW meets or exceeds latest emission standards in Regulation (EU) 2016/1628. Information is being sought from the client to confirm that this is the case; if so, we anticipate that emissions from NRMM can be scoped out on the basis of guidance from Environmental Protection UK/Institute of Air Quality Management (EPUK/IAQM) and from the Local Air Quality Management Technical Guidance (LAQM.TG(22)):

- With reference to the EPUK/ IAQM guidance, if none of the criteria indicating the possibility of impacts to air quality are met, then there should be no requirement to carry out a detailed air quality assessment and the effect to air quality can be considered negligible and unlikely to have a significant effect.
- LAQM.TG(22) guidance states that, with the application of suitable control measures and site management, exhaust emissions from on-site NRMM are: “unlikely to make a significant impact on local air quality. In the vast majority of cases they will not need to be quantitatively assessed”

We trust that these amendments to the Scoping Report are satisfactory, however, we would be grateful if you could advise of any further comments you may have.

Kind regards,

Paul

Dr. Paul Sanderson | Senior Environmental Scientist (Air Quality)

Wardell Armstrong LLP

Sir Henry Doulton House, Forge Lane, Etruria, Stoke on Trent, ST1 5BD

██████████



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From: [REDACTED]
To: [REDACTED]
Subject: RE: Scoping Response, Beacon Fen Solar Farm
Date: 23 June 2023 15:22:22
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
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[image536724.png](#)
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Good afternoon

Many thanks for your email – I have no issues to raise with the amendments.

Kind regards

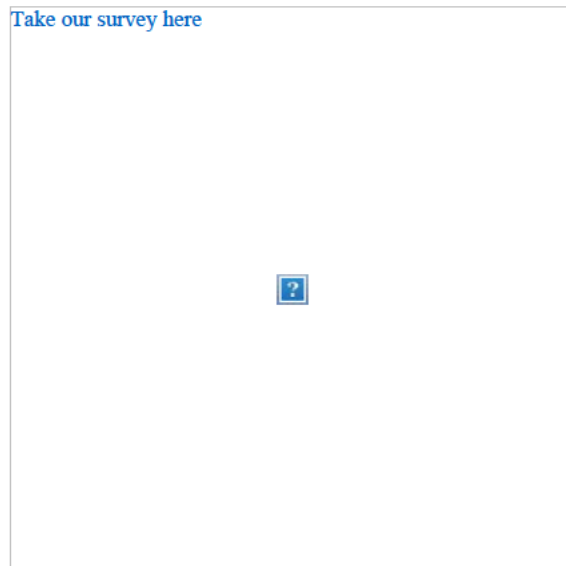
Bohdan



Bohdan Dawyd
Environmental Health Officer

Tel: [REDACTED]
[REDACTED]
www.n-kesteven.gov.uk
Kesteven Street, Sleaford, NG34 7EF

[Take our survey here](#)



From: Sanderson, Paul <[REDACTED]@[REDACTED].com>
Sent: Friday, June 23, 2023 2:19 PM
To: Bohdan Dawyd <Bohdan_Dawyd@[REDACTED]>
Cc: Weatherley, Mariam <mweatherley@[REDACTED]>
Subject: Scoping Response, Beacon Fen Solar Farm

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Dear Bohdan,

Thank you for your comments in relation to air quality on the Scoping Report [EN010151-000008-EN010151 - Scoping Report.pdf \(planninginspectorate.gov.uk\)](#) for the proposed Beacon Fen Solar Farm.

We have initially proposed to scope out air quality within the Scoping Report, with the assumption a construction environmental management plan (CEMP) and construction traffic management plan (CTMP) will be put in place during construction of the development. It is still our view that air quality can be scoped out of the final ES, and will review further information to determine this and communicate our findings to you, as follows;

Construction Dust

Planning Inspectorate (PINS) have advised that they are not able to scope out impacts from construction dust at this stage as it will be contingent on the outcome of the screening assessment and draft CEMP. To address this concern, a construction phase dust assessment would be undertaken in accordance with the IAQM document 'Guidance on the Assessment of Dust from Demolition and Construction' (2016). The assessment would consider the potential dust impacts associated with any demolition, earthworks and construction, as well as the trackout of mud and dirt from the site along the public highway (as applicable).

The assessment report would take into account background fine particulate matter (PM_{2.5}) concentrations (obtained from the Defra default concentration maps or a representative monitoring location if available), as the scoping response from the UK Health Security Agency requests their inclusion.

Vehicle emissions – Construction and Operational Phases

It is assumed the number of vehicles during construction and operation of the development would be below relevant assessment thresholds, however, this will be confirmed by review of traffic data for both construction and operation.

We note North Kesteven District Council has also requested consideration of possible cumulative traffic impacts in relation to Heckington Fen Solar Park and Springwell Solar Park, and possibly also to include the Viking Link and Triton Knoll projects, depending on whether the construction periods would overlap with that for Beacon Fen. Cumulative traffic data for the proposed development and the additional schemes is in preparation and will be reviewed to determine any assessment requirements. In the event that detailed assessment of road traffic emissions associated with the construction vehicles generated by the construction phase of the development is found to be required, this would be undertaken using the ADMS-Roads modelling software to predict pollution concentrations (NO₂, PM₁₀ and PM_{2.5}) at existing sensitive receptor locations.

We trust that these amendments to the Scoping Report are satisfactory, however, we would be grateful if you could advise of any further comments you may have.

Kind regards,

Paul

Dr. Paul Sanderson | Senior Environmental Scientist (Air Quality)

Wardell Armstrong LLP

Sir Henry Doulton House, Forge Lane, Etruria, Stoke on Trent, ST1 5BD





From: [Close, Sandra](#)
To: [Sanderson, Paul](#)
Subject: Scoping Response - Beacon Fen Solar Farm
Date: 14 July 2023 17:05:11

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Our ref: 439375

Dear Paul

Thank you for your e mail of 23 June.

I can advise that Natural England is content that, In terms of possible vehicle emission impacts on designated sites that the approach you outline is acceptable .

Kind regards

Sandra

Sandra Close
Planning & Environment Lead Adviser
East Midlands Area Team
Apex Court
City Link
Nottingham
NG2 4LA

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email: sandra.close@naturalengland.org.uk



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