



Via email:

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Our ref: AE/2019/124761/06-L01
20024916, 20024911

Your ref: EN010078, EN010077

Date: 25 March 2021

Dear Sir/Madam

**Application by East Anglia ONE North Limited for an Order Granting Development Consent for the East Anglia ONE North (EA1N) Offshore Windfarm project; and
Application by East Anglia TWO Limited for an Order Granting Development Consent for the East Anglia TWO (EA2) Offshore Windfarm project**

Actions arising from the Issue Specific Hearings 11

Action 2:

Minutes of EA1 lessons learnt meeting

- *SCC to enquire of SPR for permission to release minutes of meeting held into flood risk issues encountered during construction of EA1 and to submit such minutes.*
- *EA are requested to release any further relevant details of meetings held with SPR in relation to flood risk and drainage.*

The Environment Agency participated in 3 formal meetings with SPR, primarily in relation to drainage issues concerning the EA ONE project:

7/11/2018 Project update & Liaison meeting

Attended by SPR & EA (Environment officers and Groundwater & Contaminated Land officer)

Topics discussed included:

- General project update
- Mitigation measures proposed by SPR for managing surface water run-off from the works, to prevent silt or other polluting material entering watercourses. Measures included silt fencing and land drains.
- The process for installing cables across the former landfill at Tuddenham,

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using the open-cut method, the process for backfilling trenches and restoring the site and provisions for water quality testing of the River Fynn following completion of the works.

- The mitigation actions undertaken following the bentonite breakout incident at Martlesham Creek, the need increase ecological monitoring to weekly, and to undertake an invertebrate survey within the area of the breakout.

10/12/19 EA ONE Lessons Learnt meeting

Attended by SPR & EA (Environment officers & Planning officer)

Topics discussed included:

- General project update
- The need to provide detailed method statements in order to obtain Environmental Permits for main river crossings, and the need to engage early with the EA. Regular meetings may be beneficial.
- Dealing with surface water run-off for all on-site activities, consider and discuss any requirement to discharge water early and any treatment systems required.
- The need to keep excavations dry if possible to prevent the need to deal with contaminated water.
- Dewatering of excavations, the process to protect abstractors and planning to avoid the need to dewater by not locating joint bays at low points.
- The bentonite breakout at Martlesham Creek, geotechnical surveys and monitoring, incident communication, options for environmental compensation.
- The need to take a proactive approach to water management.

05/03/2020 Martlesham Creek Break-Out Remediation meeting

Attended by SPR & EA (Environment officer & Biodiversity officer)

Topics discussed included:

- Effect of breakout on invertebrates, survey results showed a slow recovery.
- Lessons learnt, including improved incident communication, detailed ground conditions investigations and real time monitoring of bentonite pressure readings.
- Remediation options, seeking to remove the bentonite not an effective option, the continuation of invertebrate monitoring.

We have also had informal discussions and have worked with SPR since August 2018 to remedy some sediment ingress in the River Fynn. Surface water runoff resulted in additional sandy silt being deposited in the river. The silt trap curtains set up across the working area (which included the compound site and archaeological dig site) were not sufficient to retain the runoff. It was also suspected that some historic field drains may have been damaged and that this may have created another route for sediment.

SPR responded promptly, and put in measures to reduce any further runoff. We subsequently supervised a desilting operation in September 2020 to remove sediment that was found to remain. The work was undertaken by SPR and their contractors.

Further information on any of the above can be provided if required.

Yours faithfully

MR MARTIN BARRELL
Sustainable Places - Planning Specialist

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