

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 09 November 2017 08:55
To: Planning Scanning
Subject: FW: Lu/291/17/PL : Flood defence wall - River Arun Reach 4 Flood Protection

E Health

From: Anita Gardner
Sent: 08 November 2017 16:28
To: Planning.Responses
Subject: FW: Lu/291/17/PL : Flood defence wall - River Arun Reach 4 Flood Protection

Please treat as a second consultee response

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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Save the environment - think before you print.

From: Carol Reynolds
Sent: 07 November 2017 18:08
To: Anita Gardner
Cc: [REDACTED]
Subject: Lu/291/17/PL : Flood defence wall - River Arun Reach 4 Flood Protection

Good afternoon Anita,

I have had an enquiry from Matthew East in respect of the above application. As you will see, from my returned response, we largely agree with his proposals. I would, nevertheless, be obliged if this application could be conditioned as in my original return ie:

'All phases of this project to comply with the requirements of BS5228-2009. Although perhaps not possible in the case of pile driving operations, the overall site noise to be limited to a maximum of 75dBA, as measured outside the living rooms, or offices of neighbouring noise sensitive receptors.'

Please also condition:

The Construction Management Plan (Version 3, 2017) to be amended to reflect all relevant precautions to protect the amenity as agreed between GHD and the Environmental Health Department, 7th November 2017.

Please do not hesitate in contacting me for further any further advice or clarification

Best wishes

Carol

From: Carol Reynolds
Sent: 07 November 2017 17:15
To: 'Matthew East'
Cc: Matthew Kennett
Subject: RE: River Arun Reach 4 Flood Protection

Dear Matthew,

Thank you for contacting me. This was on my agenda for today but obviously most important as needed for your Planning return tomorrow.

Thank you for providing clarification of those matters listed below to which I agree.

1. Repositioning of 'Mitigation Procedures.'
2. Page 8- Percussive Piling. Revised to include all types of piling and to reflect wording provided in response to your application for s61 approval, as provided by my colleague Matthew Kennett.
3. Construction Management Plan. I understand that this will be completed and approved once the Jack up barge is decided. I will recommend that this is included as a condition of Planning Permission in this case.
 - a. Acoustic barrier to be provided
 - b. Flood lighting arrangement
 - c. Parking – no further detail necessary as parking is off site.
 - d. Wheel washing – no detail required since parking is off site.
 - e. Deliveries – restricted hours unless with express consent

*Please also include 'methods to ensure control of dust and /or other air borne contaminants'

I trust that there will be general reference to BS 5228. On this basis then I have no objection to this application.

Best wishes

Carol

From: Matthew East

Sent: Monday, 6 November 2017 1:20 PM

To: 'Carol.Reynolds@arun.gov.uk' <Carol.Reynolds@arun.gov.uk>

Cc: 'Matthew Kennett' <Matthew.Kennett@arun.gov.uk>; 'Peter Kershaw' [REDACTED]

Subject: River Arun Reach 4 Flood Protection

Hi Carol,

Hope you are well.

Many thanks for your quick review of our S61 application.

I am just attending to some of the queries you have raised regarding the Littlehampton Flood Protection project and would like to seek some clarification prior to resubmitting the revised documents.

Are the following comments in blue acceptable?

Many thanks in advance.

- 'It would appear that those 'Mitigation Measures Designed to Reduce the Acoustic Effect on noise sensitive receptors, including 'Residents and Businesses,' has been incorrectly positioned (both in the 2017 Report (p7, Environmental Review, Version 3, September) and in the original Halcrow, Environmental Statement, Volume 1, Appendix D, Acoustics) under 'Mitigation of Effects on Biodiversity.' This should be corrected. Good Spot, The procedures identified reflect both 'Residents and Businesses' and 'Biodiversity', as such I will create a subsequent segment titled 'Mitigation Procedures' and noting that it reflects both elements.
- Page 8 -Percussion Piling (Version 3, 2017). Please add "All pile driving operations to be treated in situ with appropriate noise attenuation eg acoustic screen or enclosure,' continuing as was 'If percussive piling is' etc, etc. I will revise to wording provided by Matthew Kennett within the approved S61 Licence, being "All pile driving activity shall be carried out by plant equipped with a recognised noise reducing system or by a vibro driving systems. In assessing the impact of any piling operations, the Contractor will comply with the recommendations set out in the relevant current British Standard 5228: Part 4." Continuing as was 'If percussive piling is' etc.
- Page 8 -Deliveries (Version 3, 2017) states that these will 'try to be restricted to daytime hours,' Please substitute, as in the original report, that 'deliveries will be within the agreed permitted hours of operation except with the express agreement of the Project Manager.' Done

- The Construction Management Plan (Version 3, 2017) should detail that all relevant precautions will be employed to minimise the potential disturbance to neighbouring residents during the demolition/construction phase of the development, in respect of dust or other air borne contaminant. The Plan shall also provide for :
 - a) The installation of a free standing/similar acoustic barrier which will serve to mask site noise and to protect neighbouring sensitive receptors. We will provide noise barriers at ground level. Note that the vibro hammer will likely be the generator of the majority of the noise. Owing to the length of the piles, during initial piling the hammer will be suspended at a height which ground noise barriers will not work for.
 - b) Detail of methods to be used to control flood lighting – flood lighting will be positioned on the jack up barge during piling, and a mobile unit on land during piling and casting of the concrete. Both lights will be downward baffled, and narrowed to the construction site. The spill should exclude the river
 - c) The parking of site operatives, deliveries and visitors – No parking will be provided on site. Vehicles will be parked at the Tarmac wharf
 - d) Wheel washing facilities – I assume this maybe to do with delivery vehicles tracking mud onto the public roads? We would propose that a wheel wash facility is not required as all deliveries will be made to a hardstand, then transferred over the temporary flood defence to site equipment. No delivery vehicles will enter the site / drive on the mud

The Construction Management Plan cannot be completed until the Jack up barge is ordered as this will have some bearing on the detail of the report. We can not order the jack up barge until approval is provided due to availability and lay by costs. Therefore, the ER documents the proposed construction procedure to provide sufficient guidance for approval. As this is not the CMP, I will make a note within the ER that the CMP will:

- Provide detail of free standing (or similar) acoustic barriers which will serve to mask site noise and to protect neighbouring sensitive receptors at ground level.
- Provide detail of the flood lighting, which be downward baffled, and narrowed to the construction site. The spill should exclude the river
- Provide detail of car parking arrangements (car parking is to occur at the site compound located within Tarmac Wharf)

Regards

Matthew East BEng (Hons1) MIEAust
Principal Maritime and Coastal Engineer

GHD

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