

## DRAINAGE & FLOOD RISK CONSULTATION

**PROJECT: Restoration of the former Standen Landfill site with a woodland and pasture landfill cap system: Evergreen Farm West Hoathly Road East Grinstead RH19 4NE**

<b>Reference:</b>	<b>WSCC/004/20</b>	<b>Recommendation:</b>		
<b>Revision:</b>		<b>Insufficient Information:</b>	<b>Objection:</b>	<b>No Objection:</b>
<b>Date:</b>	<b>18 Feb. 20</b>	<b>X</b>		

### References:

- A. Lead Local Flood Authority Response to Application WSCC/061/19 dated 2 September 2019.
- B. EPG Geotechnical Design Report for Landfill Cap dated February 2019.
- C. Civil Engineering Solutions Evergreen Farm Flood Modelling Report CES533 dated 13 May 2019.
- D. Fluid Planning Cross Sections dated January 2020.
- E. Environment Agency response to Application WSCC/004/20 dated 14 February 2020.

## 1 INTRODUCTION

- 1.1 West Sussex County Council (WSCC) Lead Local Flood Authority (LLFA) has been consulted on the above proposed development in respect of drainage & flood risk.
- 1.2 The LLFA commented on a similar application last year that was withdrawn (Reference A).
- 1.3 In view of the changes to levels for the proposed cap system, the LLFA seeks reassurance that the flood modelling remains fit for purpose given the changes to the design.

## 2 FLOOD RISK

- 2.1 The site is located within Flood Zone 1 as defined on The Environment Agency mapping.
- 2.2 The LLFA concurs with the Desk Top Study conclusion that the site is not identified as being at risk of flooding.

## 3 SURFACE WATER

- 3.1 In the LLFA's response to the previous planning application (Reference A) confidence was expressed that a robust approach to demonstrate no additional flood risk.

18 Feb. 20

- 3.2 The re-submitted application indicates some changes in levels to the cap system compared with the earlier application. For example, the earlier application showed the max elevation of cross-section A-A to be 121m AoD (Reference B) whereas the updated cross section A-A has a max elevation of 122.92 (Reference D).
- 3.3 In view of the changes to finished levels, a statement from Civil Engineering Solutions Ltd. is sought that the changes to design make negligible difference to the performance of the proposed drainage and the conclusions of the Flood Modelling Report (Reference C).
- 3.4 The LLFA also notes the detailed comments made by the Environment Agency with respect to this application and the requirements for:
- A restoration strategy, carried out by a competent person in line with paragraph 178 of the National Planning Policy Framework;
  - An environmental management plan in respect of; noise, odour, dust, gas, leachate and surface water drainage, including a timetable of monitoring and submission of reports to the local planning authority, has been submitted to, and approved in writing by the local planning authority
  - Clarifying whether an environmental permit / exemption is required with respect to the proposed development.

#### **4 FOUL WATER**

- 4.1 Foul water arrangements have not been assessed..

#### **5 SUMMARY**

- 5.1 The flood risk overall is assessed as low for the proposed development.
- 5.2 In order to assess this application, the LLFA will wish to review the statement referred to in paragraph 3.3. The LLFA would also seek assurance from the LPA that the EAs concerns referred to in paragraph 3.4 are being addressed.

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