

9<sup>th</sup> February 2017

Mr S Smith  
**Honace**

By Email: [ssmith@honace.com](mailto:ssmith@honace.com)

Our Ref: 405-00907-00004

Dear Steven

**RE: RIVENHALL INTEGRATED WASTE MANAGEMENT FACILITY  
AMENDMENT TO PROPOSED STACK HEIGHT – FLOOD RISK ASSESSMENT**

Based on a review of the proposals to increase the height of the Integrated Waste Management Facility (IWMF) stack, the following is offered as an update to the July 2015 statement prepared by SLR Consulting Ltd and original detailed flood risk assessment (Golder Associates (UK) Ltd) for the Integrated Waste Management Facility at Rivenhall Airfield, Essex (ESS/34/15/BTE).

The updated assessment of July 2015, considered changes in legislation and guidance relating to surface water and flood risk potential likely to result from the IWMF development. There have been no fundamental changes in legislation or guidance since its preparation.

Having reviewed the proposed variation in stack height, in terms of surface water and flood risk potential, it is confirmed that the findings and conclusions of the July 2015 statement and original detailed flood risk assessment remain unchanged.

It is concluded, therefore, that drainage from the proposed IWMF area can be managed in accordance with the principles detailed in planning permission ESS/34/15/BTE, without increasing flood risk to third parties or site users. Furthermore, it is confirmed that the surface water lagoons proposed at site will be designed and constructed in accordance with CIRIA Guidance and where required the Reservoirs Act and the Flood and Water Management Act. In accordance with condition 23 of planning permission ESS/34/15/BTE the surface and ground water management details will be completed in accordance with the plans and enclosures previously submitted and approved.

The approved details include: the application for approval of details reserved by condition dated 4 August 2015 and the following drawings and documents:

Drawing Ref	Title	Dated
142064-DC-GA-C-108G	Proposed Drainage Layout Sheet 1 of 2	16/10/15
142064-DC-GA-C-109G	Proposed Drainage Layout Sheet 2 of 2	16/10/15
142064-DC-GA-C-111A	Drainage Construction Details	30/06/15

And email from Honace with enclosures dated 22/01/16 (17:13).

The surface water drainage and groundwater management scheme will be implemented in accordance with the approved details.

As a result, with the approved mitigation and management, residual flood risks to the IWMF and off-site areas are expected to remain low as per the findings of the supportive assessment(s) that accompanied planning permission ESS/34/15/BTE.

In conclusion, it is considered that the existing flood risk assessment remains valid and appropriate.

Yours faithfully  
**SLR Consulting Limited**



**Gordon Robb**  
Technical Director