



Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 10.3.1: Summary of Stakeholder Scoping Responses – Geology and Ground Conditions

Book 5

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1 Introduction

1.1 General

1.1.1 This document forms Appendix 10.3.1 of the Environmental Statement (ES) prepared on behalf of Gatwick Airport Limited (GAL) for the proposal to make best use of Gatwick Airport’s existing runways and infrastructure (referred to within this report as ‘the Project’).

1.1.2 This document provides the summary of stakeholder scoping responses for geology and ground conditions for the Project.

2 Summary of Stakeholder Scoping Responses for Geology and Ground Conditions

Table 2.1.1: Summary of Stakeholder Scoping Responses

Consultee	Date	Details	How/where taken into account in ES
Environment Agency	20 September 2019	We have reviewed the EIA Scoping Report dated September 2019, specifically Section 7.4 (ES Chapter 10: Geology and Ground Conditions (Doc Ref. 5.1)) & Section 7.5 (ES Chapter 11: Water Environment (Doc Ref. 5.1)). With respect to ground conditions and the potential for contamination to be present, it is noted that a desk-based Phase 1 Preliminary Risk Assessment (PRA) will be undertaken. The PRA will be used to determine whether an intrusive ground investigation will need to be undertaken to assess whether mitigation or remedial measures for the protection of Controlled Waters are required. These proposals are acceptable to us.	The Preliminary Risk Assessment is provided within ES Appendix 10.9.1 (Doc Ref. 5.3).
Public Health England	30 September 2019	Land quality We would expect the applicant to provide details of any hazardous contamination present on site (including ground gas) as part of a site condition report. Emissions to and from the ground should be considered in terms of the previous history of the site and the potential of the site, once operational, to give rise to issues. Public health impacts associated with ground contamination and/or the migration of material off-site should be assessed and the potential impact on nearby receptors and control and mitigation measures should be outlined. Relevant areas outlined in the Government’s Good Practice Guide for EIA include: <ul style="list-style-type: none"> effects associated with ground contamination that may already exist. effects associated with the potential for polluting substances that are used (during construction /operation) to cause new ground contamination issues on a site, for example introducing /changing the source of contamination. impacts associated with re-use of soils and waste soils, for example, re-use of site-sourced materials on-site or offsite, disposal of site-sourced materials offsite, importation of materials to the site, etc. 	Risks associated with land contamination are assessed within the ES Appendix 10.9.1: Preliminary Risk Assessment (Doc Ref. 5.3) and the impact during construction and operational phases of the Project considered within the ES. Mitigation includes commitment to prepare additional documents as the Project develops (eg Remediation Strategy and CL:AIRE Materials Management Plan) as set out in Section 10.8 of ES Chapter 10: Geology and Ground Conditions (Doc Ref. 5.1).
Crawley Borough Council	30 September 2019	Crawley Borough Council welcomes the opportunity to be involved in the scoping of the Phase 1 Preliminary Risk Assessment.	Consultation will continue with Crawley Borough Council through project development including the scoping of further ground investigation and assessment (to be secured under the DCO) to verify risks arising from land contamination prior to construction as per para 10.4.7.
Crawley Borough Council	30 September 2019	In Table 7.4.2 construction phase effects should include any risks to public from the removal of any potential contaminants from the site.	It is the intention of the Project to maximise the reuse of materials and minimise the amount of material sent for off-site disposal. The cut/fill balance will be further considered throughout the Project design. ES Appendix 5.3.2: Construction Resources and Waste

Consultee	Date	Details	How/where taken into account in ES
			<p>Management Plan (Doc Ref. 5.3) provides details on likely waste disposal volumes and the capacity of existing infrastructure in tandem with the Transport Assessment.</p> <p>The Remediation Strategy will provide details of procedures to be adopted during construction, which will include any measures required to protect members of the public, together with the relevant documentation to be provided by the Remediation Contractor. This will be implemented through ES Appendix 5.3.2: Code of Construction Practice (CoCP) (Doc Ref. 5.3).</p>
Reigate and Banstead Borough Council	27 September 2019	References to saved Borough Local Plan Policy Pc2f “Regionally Important Geological Sites” should be removed from Paragraph 7.4.1 of the EIA Scoping Report following the adoption of the Development Management Plan.	Reference is excluded from the ES.
Reigate and Banstead Borough Council	27 September 2019	<p>The Council notes that GAL is proposing to scope out from the assessment of geology and ground conditions the effects on geological SSSI and LGSs and effects on groundwater resources. From a borough perspective, we agree with the justification provided to scope out these issues.</p> <p>We would however welcome additional clarity as to whether consideration of potential for increased run-off during the operational phase is proposed to be assessed as part of potential contamination impacts. We consider that it should be assessed as part of the scope of the assessment.</p>	Surface water runoff during the operational phase is considered within ES Chapter 11: Water Environment (Doc Ref. 5.1).
Tandridge District Council	30 September 2019	No specific comments are made on the proposed scope of the baseline studies, study area, affects proposed to be assessed, and the approaches to the assessment of effects, and mitigation, enhancement and monitoring in relation to this topic.	Noted.
Surrey County Council	1 October 2019	The County Council would recommend, in the interests of completeness, that the adopted Surrey Minerals Plan (2011) be included in the list of relevant planning policy documents listed at paragraph 7.4.1 (pp.81-82) of section 7.4 ‘Geology & Ground Conditions’ (pp.81-88) of the Scoping Report (Volume 1).	Included in Table 10.2.2 of ES Chapter 10: Geology and Ground Conditions (Doc Ref. 5.1).

3 Glossary

3.1 Glossary of terms

Table 3.1.1: Glossary of Terms

Term	Description
EIA	Environmental Impact Assessment
ES	Environmental Statement
GAL	Gatwick Airport Limited
LGS	Local Geological Site
PEIR	Preliminary Environmental Information Report
PRA	Preliminary Risk Assessment
SSSI	Site of Special Scientific Interest