



YOUR LONDON AIRPORT
Gatwick

Our northern runway: making best use of Gatwick

Preliminary Environmental Information Report

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

September 2021

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1 Introduction

1.1 General

1.1.1 This document forms Appendix 10.3.1 of the Preliminary Environmental Information Report (PEIR) prepared on behalf of Gatwick Airport Limited (GAL). The PEIR presents the preliminary findings of the Environmental Impact Assessment (EIA) process for the proposal to make best use of Gatwick Airport's existing runways (referred to within this report as 'the Project'). The Project proposes alterations to the existing northern runway which, together with the lifting of the current restrictions on its use, would enable dual runway operations. The Project includes the development of a range of infrastructure and facilities which, with the alterations to the northern runway, would enable the airport passenger and aircraft operations to increase. Further details regarding the components of the Project can be found in the Chapter 5: Project Description.

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

Consultee	Date	Details	How/where addressed in PEIR
Environment Agency	20 September 2019	We have reviewed the EIA Scoping Report dated September 2019, specifically Sections 7.4 (Geology and Ground Conditions) & 7.5 (Water Environment). 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 Appendix 10.9.1.
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 Preliminary Risk Assessment (Appendix 10.9.1) and the impact during construction and operational phase of the Project considered within the PEIR. Mitigation includes commitment to prepare additional documents as the Project develops (eg Remediation Strategy and CL:AIRE Materials Management Plan).
Crawley Borough Council	30 September 2019	CBC welcomes the opportunity to be involved in the scoping of the Phase 1 Preliminary Risk Assessment.	Consultation will continue with CBC through project development including the scoping of further ground investigation and assessment 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 minimize the amount of material sent for off-site disposal. The cut/fill balance will be further considered throughout the Project design and EIA process and will be reported within Chapter 5: Project

Consultee	Date	Details	How/where addressed in PEIR
			Description and in the Waste Strategy for the ES. The Waste Strategy (Draft Waste Strategy Appendix 5.3.2) will provide details on likely waste disposal volumes and the capacity of existing infrastructure in tandem with the Traffic Assessment and Remediation Strategy. The latter 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.
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 DMP.	Reference is excluded from the PEIR.
Reigate and Banstead Borough Council	27 September 2019	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. 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.	Surface water runoff during the operational phase is considered within Chapter 11: Water Environment.
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 (Chapter 10: Geology and Ground Conditions of the PEIR).

3 Glossary

3.1 Glossary of terms

Table 3.1.1: Glossary of Terms

Term	Description
CBC	Crawley Borough Council
DMP	Development Management Plan
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