

An aerial photograph of Gatwick Airport's northern runway and taxiway. The runway is a long, straight concrete strip with white markings, including the number '26' and the letter 'L'. Several aircraft are visible on the taxiway and runway. In the foreground, a large white Airbus A380 is taxiing. To its left, a smaller white aircraft is also taxiing. Further up the taxiway, another white aircraft is visible. In the bottom left corner, a red and white EasyJet aircraft is taxiing. The surrounding area includes green grass, paved taxiways, and airport buildings in the distance. A control tower is visible on the right side of the image.

YOUR LONDON AIRPORT
Gatwick

Our northern runway: making best use of Gatwick

Preliminary Environmental Information Report
Appendix 8.9.1: Summary of Effects at Representative Viewpoints
September 2021

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1 Introduction

1.1 General

1.1.1 This document forms Appendix 8.9.1 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.

1.2 Assessment of Visual Effects

1.2.1 Table 1.2.1 provides a summary of effects that would be experienced by visual receptors at the 17 representation viewpoint locations, as a result of the Project.

Table 1.2.1: Summary of Effects at Representative Viewpoints

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction phase	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
Viewpoint 1: Perimeter Road North and Public right of way 346/2Sy, Sussex Border Path	Low: Pedestrians using roadside pavement and occupiers of vehicles.	Low	Low	Low	Low
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 2: Short Stay Multi-Storey Car Park 3	Low: Visitors to the airport.	Negligible	Negligible	Negligible	Negligible
		Negligible (day and night)	Negligible (day and night)	Negligible (day and night)	Negligible (day and night)
Viewpoint 3: Car Rental South Terminal, public right of way 360/Sy	High: Walkers using public right of way.	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)
		Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)
Viewpoint 4: River Mole public right of way 346, Sussex Border Path	High: Walkers using public right of way.	Not Applicable	Negligible	Negligible	Negligible
			Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 5: River Mole public right of way 346, Sussex Border Path	High: Walkers using public right of way.	Negligible	Negligible	Negligible	Negligible
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 6: Riverside Garden Park, National Cycle Route 21	High: Visitors to park and cyclists.	Negligible	Medium	Medium	Low (Offset by some beneficial impacts)
		Negligible (day and night)	Moderate adverse (day and night)	Moderate adverse (day and night)	Moderate adverse (day and night winter) Minor adverse (day and night summer)
Viewpoint 7: Horley Riverside		Negligible	Negligible	Negligible	Negligible or No Change

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction phase	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
		High: Occupiers of residential properties.	Negligible (day and night)	Minor (day and night)	Minor (day and night)
Viewpoint 8: Public right of way 362a north of the A23 and South Terminal	High: Walkers using public right of way.	Medium	Medium or low	Medium or low	Low
		Moderate adverse (day) Minor adverse (night)	Moderate adverse (day) Minor adverse (night)	Moderate adverse (day) Minor adverse (night)	Moderate or Minor adverse (day, summer and winter) Minor adverse (night)
Viewpoint 9: Balcombe Road at Pentagon Field	Low: Occupiers of vehicles and Medium: Pedestrians using roadside pavement.	High	High	Medium	Low (Offset by some beneficial impacts)
		Moderate or Major adverse (day and night)	Moderate or Major adverse (day and night)	Minor or Moderate adverse (day and night)	Minor/Negligible or Moderate/Minor adverse (day and night)
Viewpoint 10: Public right of way 359/Sy at Pentagon Field	High: Walkers using public right of way.	Medium	Medium	Medium (Offset by some beneficial impacts)	Low
		Major adverse (day and night)	Major adverse (day and night)	Moderate adverse (day and night)	Moderate or Minor adverse (day and night)
Viewpoint 11: Public right of way 360/1Sy at Tinsley Green	High: Walkers using public right of way.	Not Applicable	Not Applicable	Low	Low
				Moderate adverse (day and night)	Minor adverse (day and night)
Viewpoint 12: Bridleway public right of way 352/Sy at Rowley Farm	High: Walkers/equestrians using public right of way.	Negligible	Negligible	Negligible	Negligible
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 13: Ifield Road	Low: Occupiers of vehicles.	Negligible	Negligible	Negligible	Negligible
		Negligible (day and night)	Negligible (day and night)	Negligible (day and night)	Negligible (day and night)
Viewpoint 14: Public right of way 344, Sussex Border Path east of Charlwood	High: Walkers using public right of way.	Negligible	Negligible	Negligible	Negligible
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 15: Norwood Hill	Low: Occupiers of vehicles.	Negligible	Negligible	Negligible	Negligible
		Negligible (day and night)	Negligible (day and night)	Negligible (day and night)	Negligible (day and night)
Viewpoint 16: Turners Hill	High: Walkers using public right of way.	Negligible	Negligible	Negligible	Negligible
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 17: Tilgate Hill Crawley Borough Council 'Important View'	Medium: Visitors to park.	Negligible	Negligible	Negligible	Negligible
		Negligible (day and night)	Negligible (day and night)	Negligible (day and night)	Negligible (day and night)