

The London Resort Development Consent Order

BC080001

Environmental Statement

Volume 1: Main Statement

Chapter 22 – Conclusion and mitigation commitments

Document reference: 6.1.22

Revision: 00

December 2020

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 Regulation 12(1)

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Chapter Twenty-Two ◆ Conclusion and mitigation commitments

CONCLUSION

- 22.1 With the benefit of the Secretary of State's updated EIA scoping opinion and the feedback received from the public consultation, LRCH has refined its proposals through the consideration of environmental issues and prepared an application for a DCO. Detailed technical studies have informed the design and assessment process, assisting LRCH in its pursuit of a refined development proposal.
- 22.2 This ES has identified the likely significant environmental effects (beneficial and adverse) of the Proposed Development, the mitigation measures proposed to reduce the likely significant adverse effects and any anticipated residual significant adverse effects once the mitigation measures have been taken into account. The Proposed Development incorporates elements of 'inherent mitigation' that are built into the Proposed Development by virtue of factors including design and location.
- 22.3 'Additional mitigation' comprises measures that do not form part of the Proposed Development itself and tend not to be shown in the DCO application drawings, but which would be provided by means of implementation and operational safeguards and commitments enforceable though the DCO, including DCO Requirements in Schedule 2 Part 1 of the draft DCO (document reference 3.1).

MITIGATION COMMITMENTS

22.3 A summary of the additional mitigation measures identified in this ES is provided in Table 22.1, along with specific securing mechanism that would be enforced through the DCO.



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	hanis	sm											
source (ES para ref)	Issue	Mitigation measure	Trigger	ne Construction Method Statement	ne Construction and Environmental Management Plan	ne Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	es Statement	ne Sustainability Report	Security Planning Report	Lighting Statement	ce Water and Drainage Strategy	port Assessment	Historic Environment Framework	Clean Air Strategy
				Outline	Outlin	Outline	Const	Opera	Const	Lands	Lands	Public	Reme	Ecolo	Conta	Outlir	Outlir	Energ	Dust l	Prelin	Sched	Econc	Utilities	Outline	Secur	Lightii	Surface	Transport	Histor	Clean
Chanter	 7: Land-use and socio-ecor	omic effects																										<u> </u>		
Table	Potential temporary	Measures included in the	Construction phase															Ī	Ī										$\overline{}$	
7.41	effect of the construction workforce on crime levels.	Construction Method Statement to reduce the likelihood that construction workers would commit crime in the study area.	Constituction phase	X																										
Table 7.41	Potential temporary effect of employment on the labour market, skills and training.	Adoption of an Outline Employment and Skills Strategy, which has been designed with the specific intention of increasing the level of local employment and the skill levels of local residents.	Operational phase			x																								
Table 7.41	Potential effects of new employment on skills and training.	Adoption of an Outline Employment and Skills Strategy, which has been designed with the specific intention of increasing the level of local employment and the skill levels of local residents.	Operational phase			x																								
Chapter	8: Human health																													
Table 8.21	Potential effect of displacement or change	The creation of an emergency services working	Construction/ Operational phases																											



Source	Issue	Mitigation measure	Trigger												Sa	curine	g med	hanie	m											
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				Construction Method Statement	Construction	Employment	Vorl	viro	raff	ateg	nag	¥	trat	gati	Lan	tion	ucti	>-	hen	vig	con	Reg	Statement	iabi	ing	Statement	Water and	รรม	E L	egy
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				Outline	Outline	Outline	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights	Remediation Strategy	Ecological Mitigation and	Contaminated Land Management Strategy	Outline Operational Waste Management	Outline Construction Waste Management Plan	Energy	Dust Management Plan	Preliminary Navigational	Schedule of Accommodation	Economic and Regeneration	Utilities	Outline Sustainability Report	Security Planning Report	Lighting	Surface	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	in the demand for	group with the aim of																							X			·		
	health services.	ensuring that demand upon																							^					
	Treater services.	emergency services																												
		generated by the project will																												
		be met during both the																												
		construction and operational																												
		phases.																												
Table	Potential health effects	Adoption of a security	Operational phase																											
8.21	from changes in crime	strategy to ensure extensive																												
	and community safety	coordination with both																							X					
	(including fear of	Category 1 and Category 2																												
	crime).	emergency services.																					<u> </u>							
	9: Land Transport	Adaption of a Country of	Canatanatic	1 1													I												1	
9.448	Management of	Adoption of a Construction	Construction phase				.,																							
	construction traffic, including: construction	Traffic Management Plan, outlining the management					X																							
	vehicle routing;	strategies of these issues.																												
	programme and	Strategies of these issues.																												
	duration; number of																													
	construction personnel																													
	including travel																													
	arrangements and																													
	mitigation; number of																													
	construction and																													
	delivery vehicles using																													
	the public highway; and																													
	traffic management.																													



Source	Issue	Mitigation measure	Trigger									_	_	S	ecurii	ng me	chan	ism											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Construction Traffic Management Plan	Landscape Strategy	Indecana Managamant Dlan	Landscape infangement Plan Public Rights of Way Assessment and Strategy	Strategy	Ecological Mitigation and Management Framework	Janagement Strate	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	trategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
9.470	Adverse highway impact of the Proposed Development on the strategic and local highway network.	Additional junction capacity provided at the A2 Ebbsfleet Junction including the provision of a dual carriageway vehicular access providing access to the Proposed Development	Design phase											Ī													х		
		A226 London Road/High Street/Pilgrims Road; provision of pedestrian/cycle improvements leading to the removal of one arm of the junction, providing downstream capacity improvements	Design phase																								X		
		Provision of signals- controlled arrangement at ASDA Roundabout consisting of signalising the approaches from the A1089 in both directions, providing a third lane on the northbound approach, a three-lane exit on the A1089 Dock Road which tapers down to two lanes and a two-lane exit on	Design phase																								X		



Source	Issue	Mitigation measure	Trigger												Se	curing	g med	hanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
9.472	Impact on existing bus services.	Thurrock Park Way which tapers down to a single lane within 50m. Reduction of Thurrock Park Way a single lane approach. The proposals also include upgrading the existing unsignalised crossings on the A1089 Dock Road to signal-controlled and relocating the signalised crossing on Thurrock Park Way approximately 25 metres further west. The Bus Strategy (document reference 6.2.9.11, Appendix TA-V) proposes a range of improvements and/or new bus services to fulfil the aim	Operational phase																									X		
9.473	Impact on existing rail	of delivering high-quality bus services. The Rail Strategy (document	Operational phase																									Х		
	services	reference 6.2.9.1, appendix TA-U) is centred on the High Speed 1 (HS1) route, with Ebbsfleet International being the primary rail access point																												



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	m											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
		to the Proposed Development. The strategy ensures that there is sufficient capacity from an on-train and station concourse perspective, whilst using demand management interventions to push/incentivise/manage demand to this access point and away from the North Kent Line stations.	Operational phase																											
		Avoiding impact on non-high speed metro rail lines (North Kent and Tilbury) and demand-managing visitor and staff demand to high speed	Operational phase																									X		
		Increasing station and line capacity on the high-speed route to minimise residual impact to rail users at HS1 stations and on board HS1 trains.	Operational phase																									X		



Source	Issue	Mitigation measure	Trigger												Se	curin	g me	chanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
9.482	Management of off-site parking.	The Off-Site Car Parking Plan (document reference 6.2.9.1, Appendix TA-Y) considers the locality of the Project Site by splitting it into five zones depending on the walking distance to/from the Proposed Development.	Operational phase																		· ·							X		
9.485	Improvement of walking/ cycling accessibility.	Walking and cycling strategy (document reference 6.2.9.1, section 10) identifies a range of improvements that should be delivered as part of the Proposed Development to improve its accessibility. The Proposed Development will provide a direct pedestrian/cycle route linking Ebbsfleet International to The Resort Plaza. This route continues through The Resort linking to the Resort Pier to the north.	Operational phase																									X		
9.489	Management of people- moving capacity of	Adoption of the Travel Demand Management Plan (document reference 6.2.9.1,	Operational phase																									X		



Source	Issue	Mitigation measure	Trigger												Sec	curing	g med	chanis	m		-									
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	travel and transport networks.	appendix TA-AC) to determine specific measures and techniques that can be applied at a scale to help optimise the people-moving capacity of travel and transport networks. This has the benefit of helping reduce peak period travel demand that may otherwise present acute capacity issues on highway networks or transport services, leading to unacceptable congestion and journey time delays. The Travel Demand Management Plan (TDMP) (document reference 6.2.9.1, Appendix TA-AC) also has the benefit of proactively promoting sustainable, low carbon forms of transport to reduce emissions from transport and support wider local and national net-zero carbon objectives.																												



Source	Issue	Mitigation measure	Trigger												Se	curin	g mec	hanis	m											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
9.491	Management of delivery vehicles.	The purpose of the Delivery and Servicing Plan (document reference 6.2.9.1, Appendix TA-AE) is to ensure that freight vehicle activity to and from Proposed Development works effectively and efficiently. It aims to specifically manage the timing of deliveries and consolidate deliveries wherever possible and select delivery companies that operate under the Freight Operation Recognition Scheme (FORS).	Operational phase		0		0)			4	- EE	ш	0					<u>a.</u>	S	3	1		S		S	X		
Chapter :	10: River Transport Management of	Adoption of a number of	Operational phase																											
	potential risks to marine operations.	additional mitigation measures, including aids to navigation, operational process controls, surveys and monitoring, and maintenance processes.																		X										
-	11: Landscape and visual e		Openstienslinker															Ī			I									
11.245	Management of accessibility, habitat	Adoption of an overarching Landscape Strategy,	Operational phase																											



Source	Issue	Mitigation measure	Trigger												Se	curin	g me	chani	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	creation and ecology, hydrology and public facilities.	providing the basis for a fully detailed Soft Landscaping Scheme to be prepared postconsent.							X																					
11.245	Landscape management, maintenance and monitoring within the site wide landscape.	Adoption of a Landscape Management Plan and Ecological Mitigation and Management Framework to ensure that the ecological habitats retained, created or enhanced provide long term benefits to wildlife throughout the operational period of the Proposed Development.	Operational phase								x			x																
11.245	Management of the Public Rights of Way network.	Provision of a retained and upgraded PRoW network, offering recreational value, and a community resource.	Operational phase									x																		
11.245	Provision and management of green infrastructure and public space. 12: Terrestrial and freshwa	Public open spaces, both formal and informal, will be designed to provide high-quality and traffic free green space, which satisfies a number of objectives.	Operational phase								x																			



Source	Issue	Mitigation measure	Trigger												Se	curin	g me	chanis	sm											
Source (ES para ref)	Issue	Mitigation measure	Trigger	Outline Construction Method Statement	e Construction and Environmental Management Plan	e Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	cape Strategy	cape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Construction Waste Management Plan	y Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	ule of Accommodation	Economic and Regeneration Statement	es Statement	e Sustainability Report	Security Planning Report	ng Statement	e Water and Drainage Strategy	oort Assessment	Historic Environment Framework	Clean Air Strategy
Table 12.13	Damage to functionally linked habitats contained within internationally	Implementation of a sustainable drainage system, designed in accordance with best practice.	Operational phase	Outlin	Outling	Outline	Constr	Operai	Constr	Landscape	Landscape	Public	Remec	Ecolog	Contar	Outlin	Outline	Energy	Dust N	Prelim	Schedule of	Econo	Utilities	Outline	Securit	Lighting	X Surface	Transport	Histori	Clean
	designated sites.	Implementation of a Breeding and Winter Bird Mitigation Strategy, containing updated bird surveys of retained and newly created wetlands and functionally linked habitats in years 3, 5 and 10 post- completion to ensure habitats continue to support the intended habitats and desired flora/fauna.	Operational phase											x																
Table 12.13	Disturbance to internationally designated sites by human movement or activity.	Recreational use managed via trail network, signage and interpretation boards to mitigate against knock-on effects on on-site wildlife. Creation of new bird hides at key observation locations to reduce visual impact.	Operational phase							x	x			x																
Table 12.13	Traffic generation air quality impacts on	Implementation of a Clean Air Strategy.	Operational phase																											



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	sm									_		
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	internationally designated sites, due to potential increases in vehicle movements along the A229 and A259 trunk roads which lie within 200m of areas of North Downs Woodland SAC and link the M2/A2 corridor and the M20.																													x
Table 12.13	Damage to functionally linked habitats contained within nationally designated sites.	Implementation of a sustainable drainage system, designed in accordance with best practice.	Operational phase																								x			
		Implementation of a Breeding and Winter Bird Mitigation Strategy, containing updated bird surveys of retained and newly created wetlands and functionally linked habitats in years 3, 5 and 10 post- completion to ensure habitats continue to support	Operational phase											x																



Source	Issue	Mitigation measure	Trigger												Se	curin	g me	chanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
		the intended habitats and desired flora/fauna.																			0,									
Table 12.13	Disturbance to nationally designated sites associated with the new Thames Clipper river bus service and operational deliveries, potentially giving rise to displacement, behavioural changes or physiological stress to cited bird species potentially using functionally linked habitats.	Implementation of a Bird Monitoring Response Strategy, including monitoring of bird use on the intertidal habitats and other functionally linked land.	Operational phase											x																
Table 12.13	Disturbance to nationally designated sites by human movement or activity.	Recreational use managed via trail network, signage and interpretation boards to mitigate against knock-on effects on on-site wildlife. Creation of new bird hides at key observation locations to reduce visual impact.	Operational phase							x	X			x																
Table 12.13	Damage to habitats in County designated sites from changes to	Implementation of a sustainable urban drainage system, designed in	Operational phase																								х			



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	hanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	hydrological regime, and changes in water quality/ quantity	accordance with best practice guidance.																												٦
Table 12.13	Recreational disturbance of flora and fauna within County designated areas as a result of increased residential population (due to residential accommodation for staff) and potential increased recreational use of Swanscombe Peninsula from members of the general public	Recreational use managed via trail network, signage and interpretation boards to mitigate against knock-on effects on on-site wildlife. Creation of new bird hides at key observation locations to reduce visual impact.	Operational phase							х	x			x																
Table 12.13	Disturbance to County designated sites associated with the new Thames Clipper river bus service and operational deliveries, potentially giving rise to displacement, behavioural changes or	Implementation of a Bird Monitoring Response Strategy, including monitoring of bird use on the intertidal habitats and other functionally linked land.	Operational phase											X																



Source	Issue	Mitigation measure	Trigger												Se	curing	g med	chanis	sm											
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				Outline Construction	tioi	Employment	Workforce	Operational Environmental Management Plan	Construction Traffic Management Plan	Strategy	Management Plan	of Way	Remediation Strategy	Ecological Mitigation and	Contaminated Land Management	Outline Operational Waste	Construction Waste Management Plan		Dust Management Plan	Preliminary Navigational	Accommodation	Economic and Regeneration	ır	Sustainability Report	Security Planning Report	int		Transport Assessment	Historic Environment Framework	≥5
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				ons	Constru	mpl	Construction	l lar	ion	e St	e N	Public Rights	ion:	Σ	ate	per	ons	Strategy	lage	2		an	Statement	usta	lan	Statement	Water and	t As	n ii	Clean Air Strategy
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	physiological stress to																													
	cited bird species																													
	potentially using																													
	functionally linked																													
	habitats.																													
Table	Disturbance to County	Recreational use managed	Operational phase																											
12.13	designated sites by	via trail network, signage																												
	human movement or	and interpretation boards to								X	X			X																
	activity.	mitigate against knock-on effects on on-site wildlife.																												
		Creation of new bird hides at																												
		key observation locations to																												
		reduce visual impact.																												
Table	Damage to individual	Recreational use managed	Operational phase																											
12.13	plants, and part of plant	via trail network, signage	- 12 - 13 - 13 - 13 - 13 - 13 - 13 - 13																											
	meta-population,	and interpretation boards to								X	X			Х																
	through increased	mitigate against knock-on								^`	•			^																
	recreational use,	effects on on-site wildlife.																												
	potentially resulting in																													
	trampling, littering, dog																													
	fouling, unauthorised																													
	camping/ campfires/																													
	barbecues																													
Table	Damage to individual	Appropriate management of	Operational phase																											
12.13	plants, and part of plant	all retained, enhanced or																												
	meta-population,	newly created habitats to								X	X			X																
	through inappropriate	ensure they continue to																												



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	hanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
	land management practices	support the intended flora and fauna, and provide long term benefits to biodiversity																												
Table 12.13	Damage to retained plants/population from changes to hydrological regime and changes in water quality/ quantity	Implementation of a sustainable urban drainage system, designed in accordance with best practice guidance.	Operational phase																								х			
Table 12.13	Damage to retained plants/population from changes in air quality, including from operational waste and pollutants, and exhaust emissions	Implementation of a Clean Air Strategy	Operational phase																											x
Chapter:	13: Marine ecology and bid	odiversity	<u> </u>																											
13.273	Risk of contaminants infiltrating into the underlying ground	Stockpiling of contaminated materials will be avoided, wherever possible. Stockpiles will be located on areas of hard standing or on plastic sheeting to prevent mobile contaminant infiltrating into the underlying ground.	Operational phase		X			X																						



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13.273	Risk of hazardous liquids, such as fuels and chemicals, infiltrating into the underlying ground.	Potentially hazardous liquids on the Site such as fuels and chemicals will be managed and stored in accordance with best practice guidance, such as that published by the Environment Agency. Storage tank and container facilities will be appropriately bunded within designated areas and located away from surface water drains, docks and the tidal River Thames.	Operational/ Construction phase		x			X																						
13.273	Potential for oil spillages from the ferries and other vessels utilising Tilbury Ferry Terminal, the new passenger pier and the new Ro-Ro facilities.	Strict protocols will be put in place to minimise risks associated with oil spillages from the ferries and other vessels utilising Tilbury Ferry Terminal, the new passenger pier and the new Ro-Ro facilities. These will be included within the OEMP for the Proposed Development which will also set out management	Operational phase					x																						



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	m											
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		procedures for transporting and storing of any potential hazardous materials.																												
13.273	Potential for spillages and pollution incidents.	Both the CEMP and OEMP will include measures to deal with any spillages and/or pollution incidents. This will include the provision of on-Site equipment for containing spillages, such as emergency booms and chemicals to soak up spillages. Any pollution incidents will be reported immediately to the Applicant and regulatory bodies such as the Environment Agency.	Operational/ Construction phase		x			x																						
13.273	Light 'spill' into the tidal Thames Estuary.	An outline lighting strategy (sets out measures to reduce effects on ecology including the use of dark buffer zones along the tidal River Thames to reduce the effects of artificial lighting on fish and marine	Operational/ Construction phase																											



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	sm											
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		mammals). The lighting strategy will include measures such as that task and area lighting will be hooded or otherwise shielded to reduce light 'spill' into the surrounding area and will be positioned to avoid light spill into the tidal Thames Estuary. This will be secured by a requirement in the DCO.																								X				
Chapter 3	14: Cultural heritage and a Management of potential archaeological impacts.	A Historic Environment Framework has been prepared to inform an appropriate strategy for further evaluation, mitigation and publication for any archaeological resource identified. his is intended to be a 'live' document that will be updated and amended in response to the results of the initial phases of evaluation. The following	Construction phase		x																								x	



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Chapter 1	5: Noise and vibration	mitigation measures are included in the HEF: Preservation in situ where possible; Excavation and recording of archaeological remains and built heritage; A programme of strip, map and record; Watching brief during construction; Outline Construction Environmental Management Plan; Consideration of the works areas of large plant and machinery; Consideration of the work hours of large plant and machinery																			5						55			
15.172	Impacts of road traffic	Acoustic modelling shows	Operational phase																											
	noise	that the impact from road	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		X																									



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15.174	Impacts of noise emitted from rides and attractions	traffic noise is mostly confined to NSRs with an unobstructed line of sight to the new Access Road. Options for mitigating these low magnitude impacts further include earth bunds, low height roadside noise barriers, reduced vehicle speeds or the choice of lower noise road surfaces. Acoustic modelling shows the magnitude of noise impact to be low magnitude. Further mitigation of mechanical 'clanking' noises is best provided at source through the use of strict noise performance criteria given to the ride manufacturers. The sound of people screaming can be mitigated through the deliberate positioning of 'scream zones' (where the motion of the ride encourages screams) in	Operational phase	0	X	0	5	0		21	21	ā.	<u>~</u>	LI CONTRACTOR OF THE CONTRACTO		0	0		D	ă	SS			0	35		S		Ξ	



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15.175	Impacts of noise emitted from infrastructure compounds	locations where the orientation of the ride minimises the sound reaching the NSRs. Limiting noise levels have been provided for fixed infrastructure compound to prevent noise impacts on local NSRs. London Resort plant items and plant compounds will be designed using BS4142:2014+A1:2019 methodology to attain a rating level (LAr,T) that is 10dB below the existing background noise level (LA90,T) at NSRs.	Operational/ Construction phase		X																									
15.176	Impacts of noise from passenger ferry.	Acoustic modelling shows the noise level due to the operation of the passenger ferry to be greatest when it is manoeuvring close to shore. The propagation of noise can be mitigated by the positioning of buildings to act as noise screens			x																									



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		and by using carefully																												
15.177	Impacts of noise emitted from outdoor London Resort events	positioned noise barriers. Noise from loudspeaker systems used for outdoor events can be controlled by the following mitigation measures: Limiting the sound pressure level of loudspeaker systems to levels below the existing ambient noise level at NSRs; Optimising line array loudspeaker directivities to control noise emissions within the London Resort entertainment locations, reducing noise spill out of the external areas; Design external events spaces, so that loudspeakers	Operational phase		X																									



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		are directed away																												
		from existing NSRs.																											\Box	
	16: Air Quality			T I		T I		Т		T						T	Ī	T I					Ī	Ī	Ī	Ī	T	Ī	-	
16.171	Management of dust during construction phase	Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the relevant local authorities and stakeholders. The level of detail will depend on the risk and should include, at minimum, the measures detailed in the IAQM construction guidance document. The DMP should include monitoring of dust deposition, dust flux, real time PM ₁₀ continuous monitoring and/or visual inspections.	Construction phase																x											
16.171	Site monitoring	Undertake daily on-site and off-site inspection, where receptors are nearby, to monitor dust, record	Construction phase																х											



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		inspection results, and make the log available to the local authority when asked.																												
16.171	Site maintenance	Plan the Project Site layout so that machinery and dust causing activities are located away from receptors, as far as is possible.	Construction phase																x											
		Erect solid screens or barriers around areas where activities likely to generate dust will take place and material stockpiles. Ensure these barriers are at least as high as any stockpiles on site.	Construction phase																x											
		Fully enclose areas or specific operations where there is a high potential for dust production and the Project Site is active for an extensive period.	Construction phase																x											
		Remove materials that have a potential to produce dust from the Project Site as soon as possible, unless being re-	Construction phase																x											



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	sm											
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		used on the Project Site. If they are being re-used on- site cover as described below.																												
16.171	Vehicle operation and sustainable travel	Implement a Travel Plan that supports and encourages sustainable travel for construction workers.	Construction phase																									х		
Chapter	17: Water resources and fl																													
17.385	Management of water demand	Measures to reduce the use of water include: selection and specification of water efficient equipment; implementation of staff-based initiatives; use of recycling water systems; use of rainwater harvesting systems for use in equipment and vehicle washing.	Operational phase		x																									
17.385	Management of sediment loads	Keep gradients of soil as shallow as possible to prevent large amounts of earth being washed away during periods of heavy rainfall. Areas which are	Construction phase		X																									



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		exposed should be reseeded or surfaced as soon as practicable.																												
		Enforce tight control of site boundaries including minimal land clearance and restrictions on the use of machinery adjacent to water bodies. Where possible, do not locate stockpiles within 10 m of water bodies or drainage lines.	Construction phase		x																									
		Wheel wash facilities should be provided at all entry and exits points. Water from wheel wash facilities must not be discharged into water bodies or the on-site surface water sewerage network.	Construction phase		x																									
		Capture run off from site in perimeter cut off ditches, settlement lagoons and/or settlement tanks where possible. Any dewatering	Construction phase		X																									



Source	Issue	Mitigation measure	Trigger											I	Se	curin	g me	chanis	sm											
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17.385	Management of release of hydrocarbons and oils	required from site excavations should be pumped into a settlement tank or lagoon and not discharge direct to a water body or the on-site surface water sewerage network. Sediment should be removed from water pumped during any extractions required. Sediment should be removed prior to discharges to the surface water network through the use of a baffle tank system or equivalent. Incorporation of interceptors where appropriate into the site drainage system at high risk areas, such as parking, unloading and refuelling	Construction phase Construction phase		x																									
		areas, to remove hydrocarbons and oils from surface water prior to discharge.																												



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17.385	Management of leaks and spillages of	Other measures including drip trays under equipment such as generators, and wheel washing facilities should also be implemented to minimise the risk of pollutants infiltrating groundwater or the surface water drainage network. Provision of storage facilities and tanks and conduct	Construction phase Construction phase		x																									
	hazardous materials	refuelling of machinery within bunded areas, which should not be located within 10 m of water bodies or drainage lines.			x																									
		Storage and bunded areas to be constructed of impervious floors and walls with the capacity for the contents of the storage tank and an additional ten per cent safety margin.	Construction phase		x																									
		As a remedial measure, spill containment equipment	Construction phase																											



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		such as absorbent materials should be stored on-site. Mixing of construction materials, such as cement, will be conducted in designated areas located away from water bodies and drainage lines.	Construction phase		X																									
17.385	Maintenance of temporary sewerage systems	Provision and maintenance of temporary septic tank, cesspit and/or sewerage connection for disposal of sewage from the toilet facilities to reduce the likelihood of crude sewage infiltrating groundwater or migrating towards water bodies.	Construction phase		x																									
17.385	Management of wind- blown dust and debris	Any temporary toilet facilities will be positioned at least 10 m away from the banks of water bodies / onsite culverts. Damping down to suppress the creation of dust.	Construction phase Construction phase		x																									



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		Implement good site practice, perimeter fences and tight control of materials and waste to minimise the risk of debris entering water bodies.	Construction phase		X																									
17.385	Management of dewatering of excavations	Capture run-off from the Project Site in perimeter cut off ditches, settlement lagoons and/or settlement tanks where possible. Any dewatering required from site excavations should be pumped into a settlement tank or lagoon and not discharge direct to a water body or the on-site surface water sewerage network.	Construction phase		x																									
		Sediment should be removed from pumped water during any extractions required. Sediment should be removed prior to discharges to the surface water network through the	Construction phase		x																									



Source	Issue	Mitigation measure	Trigger					1							Se	curing	g me	chanis	sm							ı				
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		use of a baffle tank system																												
17.385	Flood risk to site workers during construction	or equivalent. Principal Contractor to prepare a live Flood Warning and Management Plan including arrangements to make safe any plant, and consideration of appropriate action to suit the level of flood earning and any associated risk to working near water.	Construction phase		x																									
17.385	Management of water demand during operation	Adoption of a water supply strategy including the following requirements: • All buildings to be installed with efficient water fittings and fixtures such as low-flush toilets, spray taps and low-flow showers; • Greywater systems	Design/ Operational phase																								x			



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		considered for hotels, offices and residential apartment blocks for re-use in toilet flushing; Capture, treatment and re-use of water supplied and used for all water rides and other rides in the theme park; Low maintenance planting for landscaped areas to minimise water demands postestablishment; Rainwater harvesting for landscape irrigation and other non-																												



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17.389	Management of surface	potable uses (cleaning etc); • SMART metering for early identification of leakage; and • Management of stress on external networks (where required and viable) through on-site storage.	Design phase/																											
	water pollution	systems such as green roofs, dry swales, wetlands, pond, oil interceptors or permeable pavements are proposed where possible to capture and remove pollutants from surface water runoff before discharge to the River Thames or River Ebbsfleet.	Operational phase																								x			



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17.391	Management of pollution from river transport	In terms of pollution from river transport, the following measures should be adopted: • Careful and appropriate disposal of waste oils and used filters; • Monitoring of bilge water for contaminants; • Use of lowsulphur fuels; • Littering controls for passengers; • Limiting speeds where possible.	Operational phase	0	0	0	3	0	3	7	7	d d	<u> </u>	9	2	0	0	ш	D	d	S	ū	η	0	S		X	<u> </u>	I	D
	18: Soils, hydrogeology and		Construction phase																											
Table 18.20	Management of health and safety risks posed to construction workers.	Implementation of appropriate health, safety and welfare provision relevant to below ground works. Including; induction, awareness training, PPE and provision for unforeseen contamination (including	Construction phase		x																									



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Table 18.20	Management of dust emissions and migration of gas/vapour	Unexploded Ordnance, UXO). Ground investigations to include sampling / testing for acute risks and monitoring of groundwater and ground gas / vapour. Implementation of dust suppression measures such as dampening, and wheel washing. Ground investigations to include sampling / testing for acute	Construction phase		x																									
Table 18.20	Infiltration, leaching and migration, and surface water run-off into the Secondary Aquifer, Principal Aquifer and surface waters (River Thames and River Ebbsfleet)	and chronic risks and monitoring of groundwater and ground gas / vapour. CEMP to include measures to limit un-sealed surfaces and contain / manage infiltration and surface water run-off. Ground investigations to include monitoring of groundwater and risk assessment. Foundation Works Risk Assessment (undertaken as	Construction phase		x																									



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		part of detailed design) to inform foundation solution and ensure mitigation of risk. Remediation Strategy (to be prepared in general accordance with the Contaminated Land Management Strategy, Appendix 18.9) to include removal / treatment of any gross contamination.																												
Table 18.20	Impeded health and growth of plants and animals	CEMP to include particular measures for the protection of flora and fauna, as set out in Chapter 12 (Terrestrial and freshwater ecology and biodiversity)	Construction phase		x																									
Table 18.21	Management of human contact with soils	Topsoil specification to meet relevant British Standard (BS 3882:2015) / human health criteria. Materials Management Plan (to be prepared post-DCO submission) will set out the end use criteria for the reuse / treatment of soils.	Construction phase										x																	



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Table 18.21	Impeded health and growth of plants and animals	Topsoil specification to meet relevant British Standard (BS 3882:2015) / human health criteria. Materials Management Plan (to be prepared post-DCO submission) will set out the end use criteria for the reuse / treatment of soils.	Construction phase										x																	
Table 18.21	Migration and accumulation of ground gas to hazardous concentrations in confined spaces	Implementation of gas protection systems to buildings and to prevent offsite migration.											X																	
Table 18.21	Derogation of quality of Secondary Aquifer by leaching and migration	Infiltration and surface water run- off reduced and controlled by development and drainage system.											X																	
Table 18.21	Derogation of quality of Primary Aquifer by leaching and migration	Implementation of piled foundations in accordance with recommendations of Foundation Works Risk Assessment (FWRA).											X																	
Table 18.21	Derogation of quality of surface waters by contaminant migration	Infiltration and surface water run- off reduced and											X																	



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	via permeable strata, run-off, drainage.	controlled by development and drainage system.					0			_	1			В)))				0,				0,	_				
Table 18.21	Aggressive attack on below ground concrete.	Design to meet requirements of ground conditions and Building Research Establishment (BRE) recommendations.											X																	
Table 18.21	Permeation of potable water supply pipes	Design to meet requirements of ground conditions and recommendations of UK Water Industry Research ¹ (UKWIR).											x																	
Chapter '	19: Waste and materials																													
19.151	Pressure on local waste management infrastructure to collect and manage CDE waste arising throughout construction phase.	Ensure that CDE waste produced from the Proposed Development is handled in an environmentally sustainable manner and in line with industry best practice and relevant policies.	Prior to and during construction phase														x													
		Measures will be designed at a later design stage in order to reduce CDE waste	Prior to and during construction phase																											

¹ UK Water Industry Research (2011) Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites (Ref 10/WM/03/21)



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		generation or maximise reused or recycled waste considering the WRAP designing out waste principles.		3						_	1)		X				0,	1	2)	0,		<u> </u>			
19.152	Efficient handling of construction waste in accordance with the Environmental Protection (Duty of Care) Regulations (1991).	The site operator will ensure registered waste carriers are used to convey any waste material off-site to a suitably permitted facility and described on waste transfer notes or hazardous waste consignment note to track the movement of waste.	Construction phase														X													
19.154	Generation of surplus materials waste	A system will be established so that the correct quantities of materials are ordered. This will reduce the volume of unused materials going to landfill.	Construction phase														х													
19.154	Storage of new building materials and risk of contamination.	Dedicated areas will be created that allow for the correct storage of new building materials. This will	Construction phase														х													



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		reduce the risk of contamination/spoiling.		0								-	ш.))	ш.			01		<u> </u>		0,		0,			
		Timely ordering of materials will reduce the time that materials are stored on-site. This will also reduce the risk of spoiling.	Construction phase														x													
19.157	Efficient movement and management of operational waste.	Adoption of the waste hierarchy principles to divert waste from landfill and maximise recycling, and the principles of a circular economy to mitigate effects from operational waste management.	Operational phase													x														
19.158	Segregation of operational waste.	Waste receptacles will be provided within the public realm, office and other areas to segregate waste into several waste streams. All waste is proposed to be collected in five waste streams at source. The waste streams are; paper and cardboard, mixed	Operational phase													X														



Source (ES	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	m											
para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
19.159	Safe handling of operational waste.	recyclables, glass, organic and residual waste. Additionally, there will be separate storage for bulky, hazardous and electrical waste The owners and operators within the Proposed Development will have a duty of care to ensure that waste is handled safely and appropriately in line with regulations, in addition the operator will also have to adhere to the producer responsibility and Waste Electrical and Electronic Equipment (WEEE) Regulations (2013).	Operational phase													x														
	20: Greenhouse gas and cl	imate change	Dosign phase																ı	ı										
Table 20.26	Severe wind.	A climate change resilience workshop will form part of every building design briefing. The structural design of the buildings and	Design phase																					X						



Source	Issue	Mitigation measure	Trigger												Se	curing	g med	chanis	sm											
(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
		attractions are to be resilient to high winds. External planting (e.g. trees) shall be put in place to	Operational phase			0				X	Г	а	<u></u>	Ш	0)		ш			V)	E	١	0			01			
Table 20.26	Extra tropical storm.	reduce wind speeds. A climate change resilience workshop will form part of every building design briefing. The structural design of the buildings and attractions are to be resilient to high winds.	Design phase																					X						
		A Surface Water and Drainage Strategy and Flood Risk Assessment have been carried out for the Proposed Development that consider the effects of climate change.	Design phase																								X			
		External planting (e.g. trees) shall be put in place to reduce wind speeds	Operational phase							х																				
Table 20.26	Cold wave and extreme cold days.	A climate change resilience workshop will form part of every building design briefing.	Design phase																					X						



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(ES para ref)				Outline Construction Method Statement	Outline Construction and Environmental Management Plan	Outline Employment and Skills Strategy	Construction Workforce Accommodation Strategy	Operational Environmental Management Plan	Construction Traffic Management Plan	Landscape Strategy	Landscape Management Plan	Public Rights of Way Assessment and Strategy	Remediation Strategy	Ecological Mitigation and Management Framework	Contaminated Land Management Strategy	Outline Operational Waste Management Strategy	Outline Construction Waste Management Plan	Energy Strategy	Dust Management Plan	Preliminary Navigational Risk Assessment	Schedule of Accommodation	Economic and Regeneration Statement	Utilities Statement	Outline Sustainability Report	Security Planning Report	Lighting Statement	Surface Water and Drainage Strategy	Transport Assessment	Historic Environment Framework	Clean Air Strategy
		A thermal comfort modelling exercise that takes into account the likely effects of climate change through future weather data is to be completed for each building included in the Proposed Development.	Design phase																					X						
		Strategic provision of shelter against extreme weather events such as heat waves and heavy rainfall.	Design phase																					X						
Table 20.26	Heat wave and extreme hot days	A climate change resilience workshop will form part of every building design briefing.	Design phase																					X						
		A thermal comfort modelling exercise that takes into account the likely effects of climate change through future weather data is to be completed for each building included in the Proposed Development.	Design phase																					X						
		Building design will adopt the principles of the cooling	Design phase																					X						



Source	Issue	Mitigation measure	Trigger												Se	curin	g me	chani	sm											
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		hierarchy to reduce the reliance on air conditioning in future.		0	<u> </u>						1	Ь	ш.							ш.	51	3	1		0,	1	01			
		Incorporating green and blue infrastructure to help alleviate the urban heat island effect during heat waves	Design phase							x																				
		Strategic provision of shelter against extreme weather events such as heat waves and heavy rainfall.	Design phase														X													
Table 20.26	Drought.	A climate change resilience workshop will form part of every building design briefing.	Design phase														X													
		The Proposed Development includes the following water saving measures: • Efficient fittings and fixtures; • Greywater recycling for toilet flushing in buildings where viable;	Design phase														x													



Source	Issue	Mitigation measure	Trigger												Se	curin	g med	chanis	m											
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Table	Flash/ surface flood,	 Recycling of water in Gate areas for rides; and Low water demand landscape for the main hotel areas (outside of the gates) which require minimal irrigation after the establishment period. A climate change resilience 	Design phase														X													
20.26	river flooding, or coastal flooding.	workshop will form part of every building design briefing.	Design phase														*													
		Chapter 17: Water Resources and Flood Risk considers the effects of climate change on flooding, as well as the Surface Water and Drainage Strategy and Flood Risk Assessment.	Design phase																								x			
		The following criteria forms the basis of the flood management strategy:	Design phase																											



Source	Issue	Mitigation measure	Trigger	Securing mechanism																										
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		 All development uses across the Project Site protected to the year 2070 as a minimum; More vulnerable uses (sleeping accommodation, safe refuge areas), highly vulnerable (telecommunications installations) and essential infrastructure (required to function and operate during a flood) protected for 100 years; and Less Vulnerable, Water Compatible and other essential infrastructure (not required to function and operate during a flood) protected for 60 years (2090). 																									x			



