APPENDIX 42

IMPACT ASSESSMENT SUMMARY

MARCH 2025

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 and	14
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
Botanical Impact Assessment			I				1	
Construction Phase	Low	Low	Construction Phase		Medium to High	Low to Medium	Medium to High	Low to Medium
Operational Phase	Low	Low	Operational Phase		Low to Medium	Neutral to Low	Low to Medium	Neutral to Low
Geohydrological Impact Assessmer	nt							
Groundwater contamination due to surface runoff	Low	Very Low	Construction Phase	Groundwater contamination due to construction of CWA	Very Low	Very Low	Very Low	Very Low
Groundwater contamination due to fuel storage and distribution	Medium	Very Low	Operational Phase –	Surface runoff	Medium	Very Low	Medium	Very Low
Groundwater contamination due to atmospheric deposition	Low	Very Low	Groundwater Contamination	Fuel storage & distribution	Medium	Very Low	Medium	Very Low
Groundwater contamination due to Direct Release	Low	Low	due to	Atmospheric deposition	Low	Very Low	Low	Very Low
Groundwater contamination due to Accidental Release	Low	Very Low	Direct Release		Low	Low	Low	Low
				Accidental Release	Medium	Low	Medium	Low
				Biodigester	Medium	Very Low	Medium	Very Low
				Solar PV	Low	Very Low	Low	Very Low
			Operational Phase - Groundwater Depletion	Due to over-abstraction	Medium	Very Low	Medium	Very Low
			Operational	Due to over-abstraction	Medium	Very Low	Medium	Very Low
			Phase -	Due to wastewater storage	Medium	Very Low	Medium	Very Low
			Groundwater	Due to brine storage	Medium	Very Low	Medium	Very Low
			quality deterioration	Due to chemical storage for WWTW	Medium	Very Low	Medium	Very Low
				Due to irrigation with the treated sewage effluent	Medium	Very Low	Medium	Very Low
Freshwater Ecological Impact Asses	ssment							
	proposed 'no-go' Alternative 1 will not result in any itional impacts to the freshwater ecosystems identified		Construction Phase - Site	Impact on hydrological function and water quality	Moderate	Low	Moderate	Low

Summary of Significance ratings (negative) for identified impacts Pre and Post mitigation for Alternatives 1, 2, 3 and 4

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	nd 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
within the study and investigat		uch, has not	preparation,					
been included in the impact as	ssessment.		removal of	luunaat an	Mamulau	Mamulau	Manulau	Mamulau
			topsoil, vegetation &	Impact on geomorphological	Very Low	Very Low	Very Low	Very Low
			earthworks	processes				
				Wetland habitat loss (seep	Moderate	Moderate	Moderate	Moderate
				wetland 1), altered wetland				
				habitat & impacts to biota				
			Construction	Impact on hydrological	Low	Very Low	Low	Very Low
			Phase -	function and water quality				
			Earthworks, construction &	Impact on geomorphological	Low	Very Low	Low	Very Low
			installation	processes				
			maintenance road	Altered wetland habitat &	Low	Very Low	Low	Very Low
			& fences	impacts to biota				
			Construction	Impact on hydrological	Low	Very Low	Low	Very Low
			Phase - Potential	function & water quality				
			mixing and	Altered wetland habitat &	Low	Very Low	Low	Very Low
			casting of concrete/ asphalt	impacts to biota				
			within 32m of					
			seep wetland 1					
			Construction	Altered wetland habitat &	High	Moderate	High	Moderate
			Phase - Loss	impacts to biota				
			(6.74ha) of seep					
			wetland 1 habitat					
			& ecoservices Operational	Impact on hydrological	Moderate	Moderate	Moderate	Moderate
			Phase: Operation	function and water quality	Moderate	Moderate	woderate	woderate
			of runway &	(on seep wetland 1)				
			related					
			infrastructure					
			(including					
			stormwater					
			attenuation					
			ponds)					

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	nd 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description	Impact description		Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
				Impact on geomorphological processes (on seep wetland 1)	Moderate	Moderate	Moderate	Moderate
				Wetland habitat loss, altered wetland habitat and impacts to biota (on seep wetland 1)	High	Moderate	High	Moderate
				Impact on hydrological function and water quality (on CVB wetlands 2 and 3)	Low	Very Low	Low	Very Low
				Impact on geomorphological processes (on CVB wetlands 2 and 3)	Low	Very Low	Low	Very Low
				Altered wetland habitat and impacts to biota (to CVB wetlands 2 and 3)	Low	Very Low	Low	Very Low
			Operational Phase: Operation	Impact on hydrological function and water quality	Low	Very Low	Low	Very Low
			of the maintenance road and fences and maintenance of service infrastructure	Altered wetland habitat and impacts to biota	Low	Very Low	Low	Very Low
			Operational Phase: Operation	Impact on hydrological function and water quality	Moderate	Low	Moderate	Low
			of the stormwater attenuation ponds & release of hydrocarbons into the wetlands	Impact on geomorphological processes (sediment balance, erosion and sedimentation)	Moderate	Very Low	Moderate	Very Low
			from attenuation ponds and	Altered wetland habitat and impacts to biota	Moderate	Low	Moderate	Low

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
			surrounding landscape					
			Operational Phase: Anthropogenic disturbance incl noise & physical degradation of wetland habitat reducing available feeding, drinking, breeding & migratory habitat to biota associated with CVB wetlands 2 & 3	Altered wetland habitat and impacts to biota	Low	Very Low	Low	Very Low
Faunal Impact Assessment	1	<u> </u>		I				
The proposed 'no go' Alternative 1 additional impacts to faunal species within the study area, and as such, the impact assessment.	s and habitat i	dentified	Construction Phase - Impact on Faunal Habitat and Diversity	Renosterveld Habitat	Medium	Low	Medium	Low
				Freshwater Habitat	Medium	Low	Medium	Low
				Modified Habitat	Medium	Low	Medium	Low
				Artificial Impoundments	Low	Low	Low	Low
				Agricultural Drains	Very Low	Very Low	Very Low	Very Low
			Construction	Renosterveld Habitat	Low	Very Low	Low	Very Low
			Phase - Impact on	Freshwater Habitat	Very Low	Very Low	Very Low	Very Low
			Faunal SCC and	Modified Habitat	Low	Very Low	Low	Very Low
			Their Habitat	Artificial Impoundments	Very Low	Very Low	Very Low	Very Low
				Agricultural Drains	Very Low	Very Low	Very Low	Very Low
			Operational	Renosterveld Habitat	Low	Very Low	Low	Very Low
			Phase - Impact on	Freshwater Habitat	Low	Very Low	Low	Very Low
			Faunal Habitat	Modified Habitat	Low	Very Low	Low	Very Low
			and Diversity	Artificial Impoundments	Low	Very Low	Low	Very Low
				Agricultural Drains	Low	Very Low	Low	Very Low

ce P	habitat identified	Operational Phase - Impact on Faunal SCC and Their Habitat Construction Phase impacts -	Noise Impacts Renosterveld Habitat Freshwater Habitat Modified Habitat Artificial Impoundments Agricultural Drains Noise Impacts Renosterveld Habitat	Significance Pre- Mitigation Low Low Low Low Low Low Medium	Significance Post Mitigation Medium Very Low Very Low Very Low Very Low Very Low Very Low Medium	Significance Pre-Mitigation Medium Low Low Low Low Low Medium	Significance Post Mitigation Very Low Very Low Very Low Very Low Very Low Very Low Very Low Medium
The proposed 'no go' Alternative 1 will no additional impacts to faunal species and l within the study area, and as such, have r	habitat identified	Phase - Impact on Faunal SCC and Their Habitat Construction Phase impacts -	Renosterveld Habitat Freshwater Habitat Modified Habitat Artificial Impoundments Agricultural Drains Noise Impacts	Low Low Low Low Low Medium	Very Low Very Low Very Low Very Low Very Low Medium	Low Low Low Low Low	Very Low Very Low Very Low Very Low Very Low
The proposed 'no go' Alternative 1 will no additional impacts to faunal species and l within the study area, and as such, have r	habitat identified	Phase - Impact on Faunal SCC and Their Habitat Construction Phase impacts -	Freshwater Habitat Modified Habitat Artificial Impoundments Agricultural Drains Noise Impacts	Low Low Low Low Medium	Very Low Very Low Very Low Very Low Medium	Low Low Low Low	Very Low Very Low Very Low Very Low
The proposed 'no go' Alternative 1 will no additional impacts to faunal species and l within the study area, and as such, have r	habitat identified	Faunal SCC and Their Habitat Construction Phase impacts -	Modified Habitat Artificial Impoundments Agricultural Drains Noise Impacts	Low Low Low Medium	Very Low Very Low Very Low Medium	Low Low Low	Very Low Very Low Very Low
he proposed 'no go' Alternative 1 will no Idditional impacts to faunal species and vithin the study area, and as such, have r	habitat identified	Their Habitat Construction Phase impacts -	Artificial Impoundments Agricultural Drains Noise Impacts	Low Low Medium	Very Low Very Low Medium	Low Low	Very Low Very Low
he proposed 'no go' Alternative 1 will no dditional impacts to faunal species and vithin the study area, and as such, have r	habitat identified	Construction Phase impacts -	Agricultural Drains Noise Impacts	Low Medium	Very Low Medium	Low	Very Low
he proposed 'no go' Alternative 1 will no dditional impacts to faunal species and vithin the study area, and as such, have r	habitat identified	Phase impacts -	Noise Impacts	Medium	Medium		· · ·
he proposed 'no go' Alternative 1 will no dditional impacts to faunal species and vithin the study area, and as such, have r	habitat identified	Phase impacts -				Medium	Medium
he proposed 'no go' Alternative 1 will no dditional impacts to faunal species and vithin the study area, and as such, have r	habitat identified	Phase impacts -	Renosterveld Habitat				
dditional impacts to faunal species and living the study area, and as such, have r	habitat identified	Phase impacts -	Renosterveld Habitat				
		Impact on Avifaunal Habitat		Medium	Low	Medium	Low
		and Diversity	Freshwater Habitat	Medium	Low	Medium	Low
			Modified Habitat	Medium	Low	Medium	Low
			Artificial Impoundments	Medium	Low	Medium	Low
			Agricultural Drains	Very Low	Very Low	Very Low	Very Low
		Construction	Renosterveld Habitat	Medium	Very Low	Medium	Very Low
		Phase impacts -	Freshwater Habitat	Medium	Very Low	Medium	Very Low
		Impact on	Modified Habitat	Medium	Medium	Medium	Medium
		Avifaunal SCC and	Artificial Impoundments	Medium	Very Low	Medium	Very Low
		Their Habitat	Agricultural Drains	Very Low	Very Low	Very Low	Very Low
		Operational	Renosterveld Habitat	Low	Very Low	Low	Very Low
		Phase - Impact on	Freshwater Habitat	Medium	Low	Medium	Low
		Faunal Habitat	Modified Habitat	Medium	Low	Medium	Low
		and Diversity	Artificial Impoundments	Low	Very Low	Low	Very Low
			Agricultural Drains	Low	Very Low	Low	Very Low
			Noise impacts	Medium	Medium	Medium	Medium
		Operational	Renosterveld Habitat	Low	Very Low	Low	Very Low
		Phase - Impact on	Freshwater Habitat	Medium	Low	Medium	Low
		Faunal SCC and	Modified Habitat	High	Medium	High	Medium
		Their Habitat	Artificial Impoundments	Low	Very Low	Low	Very Low
			Agricultural Drains	Low	Very Low	Low	Very Low
			Noise Impacts	Medium	Medium	Medium	Medium

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4	
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation Pos olition of 2 structures Low Low		Significance Pre-Mitigation	Significance Post Mitigation	
-			Construction Phase	Demolition of 2 structures older than 60 years	Low	Low	Low	Low	
				Visual Impacts	Refer to Visual Impa				
			Operational Phase	Visual Impacts	Refer to Visual Impact Assessment				
Visual Impact Assessment			•					-	
Alternative 1 describes the "Do which the current rights of the in place and no additional deve	existing airport w	ould remain	Construction Phase	Lights 1: Visibility from within Landscape Character Areas 2 & 3	Low	Very Low	Low	Very Low	
Leasable Area (GLA) to 6000m ² full. The existing runway system	ent development rights of the CWA restrict the Gross able Area (GLA) to 6000m ² , which is already utilised ir The existing runway system (consisting of four crossin vays) will not be resurfaced to allow for increased			Lights 2: Visibility from within Landscape Character Area 4	Low	Very Low	Low	Very Low	
runways) will not be resurfaced operations for Code A & B aircr restrictions in GLA would not al and landside capacities to acco growth on airside. The overall visual impact signifi Alternative is 0 (No Significance The impact does not influence to the Receiving Environment.	aft. This is becaus low the upgrade of mmodate the ant cance score for th e / neutral).	e the of terminal icipated ne No-Go		Lights 3: Visibility from within Landscape Character Area 1	Low	Very Low	Low	Very Low	
				Site-Specific 1: Transformation of land use and site character. Total clearance of areas during construction Phase 1 (PAL 1)	Medium	Medium	Medium	Medium	
				Scenic Route 1: The R312 Lichtenburg Rd Scenic Route	Low	Very Low	Low	Very Low	
				Cultural landscape (incl. Scenic Routes) 1: Potential effect on the landscape character and sense of place of: the Agter-Paarl	Low	Low	Low	Low	

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
				Paardeberg Cultural Landscape.				
				Cultural landscape (incl.	Low	Low	Low	Low
				Scenic Routes) 2: Potential				
				effect on the landscape				
				character and sense of				
				place of: the Durbanville				
				Hills CL and the Koeberg /				
				Swartland Farms CL (both				
				within LCA4).	1		1	1
				Cultural landscape (incl. Scenic Routes) 3: Potential	Low	Low	Low	Low
				effect on the landscape				
				character and sense of				
				place of: the Joostenberg				
				Vlakte Cultural Landscape				
				also referred to as LCA 2.				
			Operational	Lights 1: Visibility from	Medium	Medium	Medium	Medium
			Phase	within Landscape Character				
				Areas 2 & 3 (within the				
				Urban Development Edge,				
				and within the Joostenberg				
				Vlakte Cultural landscape)				
				Lights 2: Visibility from	Medium	Low	Medium	Low
				within Landscape Character Area 4 (within Joostenberg				
				Vlakte Cultural landscape				
				and the Koeberg /				
				Swartland Farms Cultural				
				landscape)				
				Lights 3: Visibility from	Medium	Medium	Medium	Medium
				within Landscape Character				
				Area 1 (within the Agter-				
				Paarl Paardeberg Cultural				
				landscape).				

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
				Site-Specific 1: Transformation of land use and site character. Total clearance of the developable areas of the subject site during construction Phase 1 (PAL 1)	Low	Low	Low	Low
				Scenic Route 1: The R312 Lichtenburg Rd Scenic Route (Route 31; SR1: Scenic drive envelope, Gateway Point and view corridors as scenic resources)	Medium	Low	Medium	Low
				Cultural landscape (incl. Scenic Routes) 1: Potential effect on the landscape character and sense of place of: the Agter-Paarl Paardeberg Cultural Landscape (LCA 1 - areas not within the property boundary). Potential effect on the scenic amenity of: the portion of the R304 Provincial Scenic Route	Medium	Low	Medium	Low
				(between the R312 Lichtenburg Rd crossing and its intersection with Slent Rd near Klipheuwel) that bisects the subject site, but lies eastward and outside of the portion of				

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
				the CWA that is earmarked				
				for development				
				Cultural landscape (incl.	Low	Low	Low	Low
				Scenic Routes) 2: Potential				
				effect on the landscape character and sense of				
				place of: the Durbanville				
				Hills CL and the Koeberg /				
				Swartland Farms CL (both				
				within LCA4). Potential				
				effect on the scenic				
				amenity of: R302				
				Klipheuwel road Scenic				
				Route (Route 30b; SR1) and				
				the Spes Bona Rd.				
				Cultural landscape (incl.	Low	Low	Low	Low
				Scenic Routes) 3: Potential				
				effect on the landscape				
				character and sense of				
				place of: the Joostenberg Vlakte Cultural Landscape				
				also referred to as LCA 2.				
				Potential effect on the				
				scenic amenity of: the R304				
				(S1: between the N1 and				
				the crossing with the R312				
				Lichtenburg Rd)				
Air Quality Impact Assessme	nt							
Construction Phase	-		Construction Phase	H	Very Low	Insignificant	Very Low	Insignificant
Operational Phase	Low	Not	Operational Phase		-		Low	-
		assessed						
Noise Impact Assessment								
Construction Phase	-		Construction Phase	1	Very Low	Insignificant	Very Low	Insignificant
Operational Phase	High	Medium	Operational	Scenario 2	Low	-	Low	-
Socio-economic Impact Asse			Phase	Scenario 3	High	Medium	High	Medium

		Alternative	e 1 (No Go)			Alternative 2		Alternatives 3 an	d 4
Impac	t description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
	Traffic flows along access		port Impact	Construction Phase	Traffic flows along	Refer Transport Impa	act Assessment		-
ase	roads	Assessmen			access roads				
n Ph	Nuisance factors (dust & noise)	-	Very Low		Nuisance factors (dust and noise)	-	Low	-	Low
Ĕ	Influx of jobseekers	-	Low		Influx of jobseekers	-	Medium	-	Medium
Construction Phase	Construction workers – local communities	-	Very Low		Construction workers – local communities	-	Low	-	Low
ŭ	Increase in local crime	-	Very Low		Increase in local crime	-	Low	-	Low
	Traffic flows along access roads	Refer Trans Assessmen	sport Impact t	Operational Phase	Traffic flows along access roads	Refer Transport Impa	act Assessment		
	Sense of place	-	Very Low		Sense of place	-	Medium	-	Medium
	Increase in local crime	-	Very Low		Increase in local crime	-	Low	-	Low
a	Risk of informal settlements	-	Very Low		Risk of informal settlements	-	Low	-	Low
Operational Phase	Nearby farming and business operations	-	Very Low		Nearby farming and business operations	-	Low	-	Low
tiona	Surrounding property values – residential	-	Very Low		Surrounding property values – residential	-	Medium	-	Medium
Opera	Bulk infrastructure	-	Very Low		Bulk infrastructure	-	Low	-	Low
Lludino	requirements				requirements				
пуаго	pedological Assessment			Construction	Sealed surfaces alter	Manulaw	Verylow	Vendow	Verylow
-				Phase	natural flow of water	Very Low	Very Low	Very Low	Very Low
					Reduced infiltration due to sealed surface	Very Low	Very Low	Very Low	Very Low
					Encroachment on interflow soils disrupt wetland recharge mechanisms	Very Low	Very Low	Very Low	Very Low
					Contribution of interflow soils to downstream	Very Low	Very Low	Very Low	Very Low
				Operational Phase	watercourses likely limited Hydropedological processes and wetland functionality	Unmodified	n/a	Unmodified	n/a
Agro-I	cosystem Impact Assessmer	nt							

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 an	d 4	
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation	
The No Go Alternative refers to the development is done within existir			Construction Phase	Change in Productivity	Not assessed		Negligible	Not assessed	
farmland or land zoned for agricult		-	Operational	Change in Employment	Not assessed		Insignificant	Not assessed	
this alternative and thus there will ecosystem.	be no impact o	on the agro-	Phase	Additional Environmental Impacts	Refer to Freshwater Ecological Impact Assessment				
Fransport Impact Assessment			•	· ·	•				
The No Go Alternative 1 - Most of	the study inter	sections	Construction	Dust	Refer to Air Quality	Impact Assessment			
currently operate at an acceptable	LOS during pe	ak hours.	Phase	Noise	Refer to Noise Impa	act Assessment			
				Increased Traffic flow	Low-Medium	Low	Low-Medium	Low	
			Operational	PAL1B (Phase 1)	-	Low	-	Low	
				Phase 2	Low based on amended TIA in future to accommodate changes in intersection upgrades over time			ges in intersection	
Poultry Biosecurity Assessment									
t must be noted that there has alv	must be noted that there has always been an airfield in the		Construction	Dust	-	Low	-	Low	
icinity of the poultry farm and therefore many of the		f the	Phase	Noise	-	Low	-	Low	
concerns about wild birds, rodents	and people ar	e existing	Operational	Visual	-	Medium	-	Medium	
piosecurity concerns pertaining to	the County Fai	r breeder	Phase	Flies/ Rodents	-	Low	-	Low	
arm.				Aircraft Noise	-	Medium	-	Medium	
				Vehicle Noise	-	Low	-	Low	
				Light Pollution (vehicles and airport)	-	Low	-	Low	
				Water issues	Refer to Geohydrol	ogical Impact Assessm	ent		
				Attraction of wild birds	-	Low	-	Low	
				Increased human traffic	-	Low	-	Low	
				Use of Biodigester (with manure)	-	Medium	-	Medium	
				Use of biodigester (without manure)	-	Low	-	Low	
				Ammonia emissions from WWTW	Insignificant	-	Insignificant	-	
Climate Change Impact Assessme	nt								
mpact of the project on Climate C	Change								
			Construction Phase	Emissions	Medium	-	Medium	-	

	Alternative	1 (No Go)			Alternative 2		Alternatives 3 and 4		
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation	
			Operational Phase	Direct operation Total Scope 1+2 emissions (up to 2050)	Low-Medium	-	Low-Medium	-	
				Cape Winelands Expansion Project Total emissions (up to 2050)	Medium	-	Medium	-	
				Global anthropogenic climate change	Medium	-	Medium	-	
Impact of Climate Change on t	the project								
-			Operational	Risk of wildfires	High	-	High	-	
			Phase	Risk of Landslides	Medium	-	Medium	-	
				Risk of water scarcity	High	-	High	-	
				Risk of extreme heat	Medium	-	Medium	-	
				Risk of Flooding Events	Low	-	Low	-	
Aviation Glint and Glare Asses	ssment								
-			Construction Phase	-					
			Operational	Impact of solar glint & glare	-	Very Low	-	Very Low	
			Phase	on various aviation receptors					
Aviation Baseline Assessment	Report and Site S	ensitivity Veri	fication						
-			Construction	Annex 14 OLS surfaces	Refer to Annex 14 OL	S report (Appendix 1	.8)		
			Phase	Height restriction on adjacent land	Refer to Developmen	t Height OLS (Appen	dix 20)		
			Operational Phase	Airspace design and operation	Refer to CONOPS (Ap	pendix 19)			
				Noise	Refer to Noise Impact	Assessment			
				Ground transportation	Refer to Transport Im	pact Assessment			
				Socio-economic Impact	Refer to Socio-economic Impact Assessment				
Waste Impact Assessment									
-			Construction	General Waste	Low	Low	Low	Low	
			Phase	Organic Waste	Low	Very Low	Low	Very Low	
				Hazardous & Industrial Waste	Medium	Low	Medium	Low	
				Sewage	Low	Very Low	Low	Very Low	

	Alternative 1 (No Go)				Alternative 2		Alternatives 3 and 4	
Impact description	Significan ce Pre- Mitigation	Significan ce Post Mitigation	Impact description		Significance Pre- Mitigation	Significance Post Mitigation	Significance Pre-Mitigation	Significance Post Mitigation
Operational Phase	Low	Low	Operational	General Solid Waste	Medium	Low	Medium	Low
			Phase	Organic Waste	Low	Very Low	Low	Very Low
				Hazardous & Industrial Waste	Medium	Medium to Low	Medium	Medium to Low
				Sewage	Medium	Low	Medium	Low
				Brine from RO Plant	Low	Very Low	Low	Very Low
				Natural resource	Low	Low	Low	Low
				contamination				
				Generation of atmospheric	Low	Low	Low	Low
				emissions and odors				
				Soil Erosion	Low	Very Low	Low	Very Low
				Generation of dust and	Negligible	Negligible	Negligible	Negligible
				noise				
				Visual impacts	Negligible	Negligible	Negligible	Negligible
				Consumption of resources	Low	Low	Low	Low
				(water)				
				Attraction Birds and Vermin	Refer to Poultry Biosecurity Assessment			
				Leakage of potentially	Low	Very Low	Low	Very Low
				hazardous substances				