

## Assessment for Environmental Effects

### Definitions:

- Activities = Development/Building Activities  
 The Act = Airports Act 1996  
 AEPR = Airport (Environment Protection) Regulations 1997  
 AES = Archerfield Airport Environment Strategy 2011-2016  
 DEHP = Department of Environment & Heritage Protection

### PART ONE: SOIL

(REFER AEPR S2.03, PARTS 2 & 4 SCHEDULE 3)

	Y or N	Comment	What action will be taken to manage the impacts?
Will the activity include excavations, exposure of soil or stockpiling?		Erosion and sediment control measures must be installed and maintained	
Will the activity produce or contain contaminants that will cause soil pollution?		A chemical or biological change to the soil could be harmful to human habitation or occupation, harmful to health or flora and fauna	
Will you arrange for assessment for acid sulphate soils?		This assessment is required before any development requiring ground excavation in the s/w corner of the airport, at or below the 5m contour)	
Has the Airport environment representative requested a contamination investigation?		A site contamination assessment may be required. Please confirm with the Airport environment representative	
Will fill/sand/soil/rock be imported onto site?		Any material imported onto the Airport must be accompanied by a contaminant free certificate	

### PART TWO: WATER

(REFER AEPR S2.02 & SCHEDULE 2 – STORMWATER, AEPR PART 2 & 4 SCHEDULE 1, S3.08 & 6.01 & 6.05 – WATER QUALITY)

	Y or N	Comment	What action will be taken to manage the impacts?
Will the works expose soil that might run off into the stormwater system?		Sediment controls must be installed and maintained	



Will the activity be discharging into the stormwater system?		Stormwater runoff must meet the requirements specified in Schedule 2 of the AEPR <u>OR</u> be contained on site for treatment and/or re-use	
Will the development be recycling water?		If water is recycled for use on site, it must meet quality conditions for re-use purposes (e.g. irrigation, vehicle wash, dust control)	
How will you control contamination of stormwater?		Legislation requires you to control stormwater below permitted levels	
Will the activity dramatically change the rate of stormwater flow?		Legislation requires that you not dramatically change the rate of stormwater flow	
Will you carry out water quality monitoring?			

### PART THREE: AIR

(REFER AEPR PARTS 2 & 4 SCHEDULES 1-4)

	Y or N	Comment	What action will be taken to manage the impacts?
Will the activity generate any dust?		Appropriate dust controls to be implemented (e.g. dust mesh, water trucks, sprinklers)	
Will activity discharge contaminants to the air such as mist, fumes or odour?		Emissions to atmosphere must comply with Schedule 1 of the AEPR	
Will the activity require air quality monitoring by you?			
Does the activity include any water cooling or evaporative systems?			
Does the activity include spray painting booths?		Spray booths must be constructed, maintained and operated in accordance with WH&S guidelines	

### PART FOUR: NOISE

(REFER AEPR PARTS 2 & 4, S2.04 & 4.06-4.09 & SCHEDULE 4)

	Y or N	Comment	What action will be taken to manage the impacts?
Will the <b>construction</b> activity generate significant noise or vibration?		Appropriate noise control measures will be required	

Will the <b>operational</b> activity generate significant noise or vibration		Noise from ground activities to comply with Schedule 4 of the AEPR	
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## PART FIVE: WASTE

(REFER AEPR SCHEDULES 1 & 2)

	Y or N	Comment	What action will be taken to manage the impacts?
Will the <b>construction</b> activities generate any waste?		Waste must be disposed of appropriately in accordance with DEHP requirements	
Will the <b>operational</b> activities generate any waste?		AAC fully supports waste reduction and recycling programs	
Will the <b>construction</b> activities require storage/disposal of dangerous goods/hazardous waste?		Temporary chemical storage facilities must be adequately bunded and comply with WH&S Hazardous Chemical storage requirements and disposed of in accordance with DEHP requirements	
Will the <b>operational</b> activities require storage/disposal of dangerous goods/hazardous waste?		Temporary chemical storage facilities must be adequately bunded and comply with WH&S Hazardous Chemical storage requirements and disposed of in accordance with DEHP requirements	

## PART SIX: HAZARDOUS MATERIALS

	Y or N	Comment	What action will be taken to manage the impacts?
Is there existing asbestos involved in the activity?		Applicants must read the Airport's Asbestos Register and carry out works in accordance with WH&S Code of Practise 2011	

## PART SEVEN: FLORA AND FAUNA

(REFER AES & ENVIRONMENT PROTECTION & BIODIVERSITY CONSERVATION ACT 1999)

	Y or N	Comment	What action will be taken to manage the impacts?
Does the site have sensitive vegetation (e.g. Oxley Creek area)?		Applicants may require a Flora & Fauna Study	

Will the works require the importation of landscaping materials?		Any material imported onto site must be accompanied by a contaminant free certificate	
Has the Accepted Plant List been consulted?		AAC's Accepted Plant List has been developed to ensure landscaping is consistent and is not a bird-attractant	

## PART EIGHT: HERITAGE

(REFER THE ACT S132(1)(C) & AES)

	Y or N	Comment	What action will be taken to manage the impacts?
Have you researched structures of historical significance on site?		A report by a heritage consultant may be required	

## PART NINE: SUSTAINABILITY

	Y or N	Comment	What action will be taken to manage the impacts?
Is the activity to construct a new facility or major modifications to existing facilities?		What energy/water conservation measures have been included?	

## PART TEN: HAZARDOUS CHEMICALS

	Y or N	Comment	What action will be taken to manage the impacts?
Will the <b>construction</b> activities require storage/use of fuels or other hazardous chemicals?		Hazardous chemical storage facilities must be adequately bunded and comply with WH&S Hazardous Chemical storage requirements	
If fuels/chemicals are on site, what quantities are being stored – complete list below?		Section 14.1 of the AES requires details to be provided	
If fuels/chemicals are on site, what bunding is provided?			
If fuels/chemicals are on site, is a spill kit available?			
If fuels/chemicals are on site, do you have SDS?			
If fuels/chemicals are on site, how will you dispose of clean up materials?			

Will <b>operations</b> require storage/use of chemicals?		Hazardous chemical storage facilities must be adequately bunded and comply with WH&S Hazardous Chemical storage requirements. Section 14.1 of the AES requires details to be provided	
If fuels/chemicals are on site, what quantities are being stored – complete list below?			
If fuels/chemicals are on site, what bunding is provided?			
If fuels/chemicals are on site, is a spill kit available?			
If fuels/chemicals are on site, do you have SDS?			
If fuels/chemicals are on site, how will you dispose of clean up materials?			

**LIST OF FUELS/CHEMICALS**

Type of Material	Maximum Quantity at any time	Storage Container (Type and Capacity)	Bund type and capacity

The Applicant has read and understood their environmental responsibilities and duties outlined in the AES.

Company Name			
Name:		Position:	
Signature:		Date:	