

STRAWBERRY FIELDS 2017 - RISK ASSESSMENT FRAMEWORK

- Controls have been applied to all identified potential environmental impacts associated with the event, using the following risk assessment framework:
- Any risk with a score of Medium (M) or above requires controls to be implemented.
- Proposed controls are identified in the risk register and a residual risk assessment undertaken to verify that following implementation of the controls, the level of risk will be to an acceptable level.
- An acceptable level is defined as Low (L).

Risk Analysis Matrix: Level of risk

Likelihood	Consequence				
	Insignificant (5)	Minor (4)	Moderate (3)	Major (2)	Catastrophic (1)
Rare (E)	L	L	M	M	H
Unlikely (D)	L	L	M	H	E
Possible (C)	L	M	M	H	E
Likely (B)	M	M	H	E	E
Almost Certain (A)	M	H	E	E	E

E = Extreme risk; immediate action required.

H = High risk; senior management attention needed.

M = Moderate risk; management responsibility must be specified.

L = Low risk; manage by routine procedure.

LIKELIHOOD DEFINITIONS		
Almost certain	A	Is expected to occur in most circumstances
Likely	B	Will probably occur in most circumstances
Possible	C	Could occur
Unlikely	D	Could occur but not expected
Rare	E	Occurs only in exceptional circumstances

CONSEQUENCE DEFINITIONS		
Catastrophic	1	<ul style="list-style-type: none"> • Multiple or single deaths • International and National Media outrage • Significant detrimental long-term impacts on the environment
Major	2	<ul style="list-style-type: none"> • Serious health impacts on multiple or single persons or permanent disability. • National media outrage • Long term detrimental impact on the environment
Moderate	3	<ul style="list-style-type: none"> • More than 10 days rehabilitation required for injured persons • Local media and community concern • Medium term social or environmental impact
Low	4	<ul style="list-style-type: none"> • Injury to person resulting in lost time and claims • Minor isolated concerns raised by stakeholders, customers • Minor social or environmental impact, not persistent.
Negligible	5	<ul style="list-style-type: none"> • Patrons requiring first aid treatment • Minimum impact to reputation • No lasting detrimental effect on the environment.

INITIAL AND RESIDUAL RISK ASSESSMENT (ENVIRONMENT) 2017

Aspect/Potential Environmental Impact	Initial Risk			Proposed controls	Residual Risk		
	Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Site preparation							
Erosion of exposed surfaces leading to loss of soil	C	4	M	Installation of temporary construction exits	D	4	L
Nuisance noise to nearby residents and businesses	C	4	M	Limit works to 7.00 am - 7.00 pm Mon to Sat	D	4	L
Generation of waste going to landfill	C	4	M	Provide salvage / recycling bins during construction	C	5	L
Establishment of event facilities, temporary structures, and infrastructure							
Contamination of soil / water due to leaks / spills	C	3	M	All generators to include suitable containment.	D	4	L
Generation of smoke, odour, or fumes	C	4	M	Maintain equipment within operating parameters	D	4	L
Generation of greenhouse gasses from energy use	B	5	M	Maximise LED lighting & solar lighting options	C	5	L
Loss of amenity from music noise (24hrs)	B	5	M	Sufficient land separation & noise control techniques	D	5	L
Traffic & transport							
Reduction in air quality through dust generation.	C	4	M	Water available from tanker for use if required	D	4	L
Reduction in air quality through exhaust emissions	C	4	M	Servicing of plant and equipment.	D	4	L
Greenhouse gas generation from fuel emissions	B	5	M	Promote car-pooling and high occupancy rates	C	5	L
Accessibility/social exclusion	C	4	M	Provide disabled access to the site and amenities	D	5	L
Erosion of exposed surfaces leading to loss of soil	C	4	M	Avoid erosive soils and erosion prone areas	D	4	L
Deterioration of local/access road surface	C	4	M	Undertake baseline survey and remediate if required	D	4	L
Mud on public roads	C	4	M	Maintain graveled access/egress points	D	4	L
Use of site for place of assembly (festival) purposes/patron attendance							
Excessive generation of litter	C	4	M	Enforce site rules and undertake daily litter patrols	C	5	L
Loss of amenity /site contamination from waste	C	4	M	Apply and enforce leave no trace policy	C	5	L
Damage to riparian margins	C	4	M	Apply 200 metre exclusion zone to all waterways	C	5	L
Contamination of waterways	C	4	M	Prevent access to all waterways	D	4	L
Contamination of stormwater / drainage	C	4	M	Control small waste streams and drainage points	E	5	L
Loss of habitat	C	4	M	Retain and protect habitat on site & educate patrons	D	4	L
Loss of critically endangered species	C	4	M	Select site with no critically endangered species	E	4	L
Damage or destruction to species or habitat	C	4	M	Promote local biodiversity in event communications	D	4	L
Damage to cultural heritage sites or artefacts	C	4	M	Exclude zones of cultural heritage sensitivity	E	4	L
Stallholders							
Excessive generation of waste	C	4	M	Design out wastes that cannot be recycled in planning	C	5	L
Excessive use of plastic / packaging	B	4	M	Ban use of plastic in stallholder activities	C	5	L
Contamination from spills of dangerous goods	B	4	M	Require stallholders to remove & recycle used oil	D	5	L

INITIAL AND RESIDUAL RISK ASSESSMENT (SAFETY)

Aspect/Potential Safety Hazard	Initial Risk			Proposed Controls	Residual Risk		
	Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Patron attendance related safety hazards							
Suicide	E	2	M	Maintain physical police / security presence Provide secure and safe environment / entertainment	D	4	L
Crowd Crush	C	4	M	Design event with easy access & clear pathways Crowd barrier with trained security at stage	D	4	L
Weapons	D	4	H	Search vehicles on entry / maintain security presence	E	4	L
Theft	C	4	M	Maintain physical police / security presence	D	4	L
Dehydration	C	3	H	Provide trained dedicated first aid staff on site Provide free drinking water at central location.	D	4	L
Epileptic Fit	C	3	M	Provide trained dedicated first aid staff on site Ensure lighting operators are aware of potential risks Remove source of problem (e.g. strobe lighting).	D	4	L
Drug Overdose	C	2	H	Provide appropriate education/training (e.g. Dance Wise) Provide experienced medical provider/facilities	D	4	L
Brawl	C	4	M	Advertising that unacceptable behaviour not tolerated Adequate Security and right to refuse entry policy	D	4	L
Missing Person	C	4	M	Prepare gridded map of event and hand out on arrival Promote buddy system & designated meeting points.	E	4	L
Overcrowding	C	4	M	Security and peacekeepers to maintain clear paths Enforce appropriate behaviour in site rules and signage	D	4	L
Explosion	D	2	H	Ban hazardous or explosive materials on site Undertake spot checks of vehicles	D	4	L
First Aid (minor)	C	3	M	Provide dedicated first aid and trained staff on site	D	4	L
First Aid (major)	C	4	M	Provide dedicated first aid and trained medical staff on site Provide helipad and maintain ambulance access / egress	D	4	L
Sexual Harassment	C	4	M	Maintain physical security presence Promote responsible behaviour	D	4	L
Violence	C	4	M	Maintain physical police / security presence Promote responsible behaviour	D	4	L
Traffic and transport related safety hazards							
Car Crash	C	2	H	Maintain clearly marked lanes showing direction Encourage patrons to drive safely & responsibly Provide direction map Restrict speed within the site Enforce safe driving on site via traffic crew	D	4	L

INITIAL AND RESIDUAL RISK ASSESSMENT (SAFETY)

Aspect/Potential Safety Hazard	Initial Risk			Proposed Controls	Residual Risk		
	likelihood	consequence	Risk Level		Likelihood	Consequence	Risk Levels
Site related safety hazards							
Tree Fall	C	4	M	Exclude camping within drip lines of significant trees Remove unsafe branches during site establishment	D	4	L
Needle Stick Injury/sharps	C	4	M	Provide dedicated first aid room and trained staff Remove or fence off hazards during site establishment	D	4	L
Snake bite	D	3	M	Provide trained dedicated first aid staff on site	D	4	L
Swimming	C	3	M	Designated swimming area that is managed by Lifeguards and only open at certain times	D	4	L
Weather/climate related safety hazards							
Dust Inhalation	C	4	M	Provide dedicated water tanker & adequate water supply. Dampen dance floors and roads as needed	D	4	L
Heat Exhaustion	C	3	M	Enforce appropriate behaviour in site rules and signage	D	4	L
Hypothermia	D	3	M	Enforce patrons have access to heated areas on site Encourage patrons to bring clothing to suit conditions	D	4	L
Bushfire	C	3	M	Provide Fire Commander/crew and fire suppression water Undertake fuel reduction activities across entire event area	D	4	L
Flood	C	2	H	Avoid selection of flood prone site Monitor weather conditions Exclude access to significant rivers/waterways	D	4	L
Sunburn	B	4	M	Shaded areas available. Sunscreen available at information desk.	D	4	L
Hazards relating to event infrastructure and facilities							
Toilet Malfunction	C	4	M	Use reputable providers and clean toilets daily	D	4	L
Stage Collapse	D	3	M	Ensure stability of structures and equipment rigging. Provide first aid officers and medical facilities on site	D	4	L
Electrical Failure	C	3	M	Provide trained electrician and first aid staff on site	D	4	L
Equipment Failure/Fall	C	3	M	Use licenced and experienced contractors	D	4	L
Electrocution	C	3	M	Trained electrician and first aid staff on site Ensure tall structures are appropriately earthed	D	4	L
Fire (minor)	C	3	M	Provide dedicated first aid and trained staff on site	D	4	L
Hazards relating to Stallholders/licenced bars							
Food Poisoning	C	4	M	Obtain relevant licenses / dedicated first aid on site	D	4	L
Alcohol Poisoning	C	4	M	Alcohol served responsibly by bar staff (RSA) Search cars at random on arrival for excessive alcohol.	D	4	L
Theft	C	4	M	Maintain physical security presence Promote responsible behaviour Provide lost property facility	D	4	L

Hazards relating to Event Production/Operations							
Noise	B	3	M	Stages to be orientated away (facing) from Properties Acoustic readings by Decibel reader to determine levels Hotline established for complaints	D	4	M
Lighting	E	5	L	All Lighting focused within the event area	D	5	L