



CIRQUE DU SOLEIL®

ENVIRONMENTAL MANAGEMENT PLAN

BRISBANE JULY 2012

PLANS AND DOCUMENTS
referred to in the ULDA
APPROVAL dated 15 / 6 / 12

Cirque du Soleil Australia Pty Ltd
Environmental Management Plan – Ovo
Brisbane July 2012

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PART 1: INTRODUCTION

1.0 Property Description

Site Address 257 Macarthur Avenue, Northshore Hamilton

Property Description: Lot 1302 on SP195300,
Lot 1202 on SP160055
Part Lot 1303 on SP195300

2.0 Cirque du Soleil's Contact Details

Cirque du Soleil Australia Pty Limited
Level 65, MLC Centre, 19 Martin Place, Sydney NSW 2000

Contact Canada: Caroline Biltchik
Senior Analyst
Touring Sites Development
Mobile: 00-1-514-463-7842
caroline.biltchik@cirquedusoleil.com

Contact Australia: Emma Anderson
Event & Theatre Production Management
Mobile: +61 418 385 636
emma@emandson.com

3.0 Introduction

Cirque du Soleil is an international organisation founded in Quebec and dedicated to the creation, production and performance of artistic works. As it has evolved, Cirque du Soleil has chosen to involve itself with people and communities and to reach out to a growing number of people with the aim of improving the quality of their lives.

Cirque du Soleil seeks to conduct itself in a manner that respects its employees, partners, customers, neighbours and the environment, as well as the laws and cultures of every place in which it operates. In the pursuit of its dreams and in its business practices, Cirque du Soleil aspires to position itself in the community as a responsible agent of change.

This commitment to social and environmental responsibility is central to the organisation's business strategies and management methods.

The Environmental Management Plan (EMP) has been developed in order to identify and document the executable tasks which must be completed to ensure that Ovo's statutory licensing obligations are met and that Cirque du Soleil's environmental objectives are fulfilled. This EMP will establish a system to ensure the environmental protection of Cirque du Soleil's Ovo by implementing a range of procedures appropriate for the levels of risk at the site.

Through a process of regular activities, this EMP aims to comply with the obligations placed on Cirque du Soleil by regulatory approval and licence conditions. These actions have been summarized into work procedures and responsibility to complete duties as assigned. Where duties are the responsibility of a third party, record documentation is compiled and maintained in accordance with legislative requirements.

4.0 Details of Activities

Cirque du Soleil proposes to temporarily use the vacant land at Northshore Hamilton to assemble and operate the facilities associated with 'Ovo'.

Appendix 1: Site layout plan

Site preparation works are scheduled to commence on 11 June 2012. The operation requires minor site preparation, including the removal of any rubbish on site, leveling of high points (without the removal of soil from the site) and the addition of some road base material. The show will require the installation of presentation equipment, including: the erection of tents, signs, fences, lighting, food, beverage and merchandising stands, and a ticket box office. Ancillary infrastructure including the installation of generators, sanitary vans and kitchen facilities is also required.

Cirque du Soleil's 'Ovo' will premiere in Brisbane on 13 July 2012. The Big Top can accommodate 2583 patrons per show. The proposed event represents a significant tourism opportunity for Queensland.

5.0 Statutory Responsibilities

Cirque du Soleil has applied for the following approvals:

Liquor Licence

Temporary Food Store Licence

Entertainment Events Permit

Assessment by the Queensland Fire and Rescue Service (QFRS)

5.1 Legislative requirements

At all times Cirque du Soleil is required to comply with the Brisbane City Council's Local Laws and Queensland's legislation.

6.0 Personnel and Site Contacts

Ovo Contacts:

Tour Director	Robert Naumann	Australian Phone TBC
Security Supervisor	Drew DeBock	Australian Phone TBC
Publicist	Olivier Fillion-Boutin	Australian phone TBC
Operations Production Manager	Derrin Brown	Australian Phone TBC

ULDA contact:

Property Asset Manager	Wendy Brewster	07 3024 4118 0411 659 816 wendy.brewster@ulda.qld.gov.au
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6.1 Responsibilities

Personnel responsible for the implementation and ongoing maintenance of the EMP are summarized below:

ACTIVITY	PERSONNEL RESPONSIBLE
Implementation and Maintenance of the EMP	Site Manager
Environmental Compliance monitoring	Site Manager
Community Liaison/Complaints Management	Publicist
Crisis Coordinator	General manager
Fuel /Bio-hazardous Spills	Site Manager
Housekeeping	All personnel
General Environmental awareness	All personnel
Incident reporting	All personnel

7.0 Complaints Management

All complaints will be managed by Cirque du Soleil's Publicist Olivier Fillion-Boutin,

Cirque du Soleil will immediately notify the ULDA contact in the event that an environmental complaint is made by a member of public. Notification will include the following: nature of the complaint, the time, details, investigation and follow up actions.

8.0 Training and Induction

All staff (including contract and part time staff) involved in the Cirque du Soleil site preparation, set-up and operations will be required to be aware of the environmental issues and impacts that may be caused in carrying out their responsibilities. Staff will be required to be familiar with the EMP and the practices and procedures required to deal with environmental issues and incidents, including monitoring and reporting obligations. This EMP and Emergency Procedures document will be included in all staff induction and training programs.

PART 2: ENVIRONMENTAL MANGEMENT PLAN

9.0 Scope of the Environmental Management Plan

The environmental management plan is limited to Cirque du Soleil's operations at 257 Macarthur Avenue Hamilton. This environmental management plan does not cover:

- Cirque du Soleil's operations outside of Brisbane
- Cirque du Soleil's logistics viz: transporting people or goods to Hamilton

It is the responsibility of all Cirque du Soleil staff and contractors to ensure that they fulfill their responsibilities in ensuring environmental issues are identified assessed and managed appropriately as needed.

The following management strategies have been developed to ensure that legislative and corporate requirements have been met.

9.1 Noise Management

Cirque du Soleil's site is bordered by the Brisbane River and vacant land controlled by the Urban Land Development Authority (ULDA).

The nearest residential properties are more than 1000m from the location of operations.

In previous visit to the site in 2008 records indicate that no noise complaints were received by the Port of Brisbane.

ELEMENT	NOISE CONTROL
Objective	To manage activities on site to reduce the impact of noise on surrounding properties.
Management Strategy	Noise to be managed primarily through administrative controls during the construction phase. All construction activities before 7am and after 6pm Monday to Friday, before 8am and after 12pm Saturday and all day Sunday and public holidays will be mindful of noise levels on the surrounding businesses and general public.
Actions	All mechanical plant equipment to have the lowest noise emission possible. All assembly is carried out within the confines of the building.
Performance Indicators	No complaints received by ULDA regarding noise
Monitoring	Operations Manager to ensure that no significant or unusual increase in noise levels occurs.
Reporting	Any complaints or incidents reported to Site Manager and the complaints Management procedures followed
Corrective Actions	Investigate cause of excessive noise. Address noise issues through rescheduling of activities on site or through additional noise amelioration measures.

9.2 Storm Water Management

For the purpose of this plan, matters of concern regarding water pollution involve the addition of any substance into a water system that may cause an adverse effect on the system itself or the related environment.

ELEMENT	STORMWATER CONTROL
Objective	To prevent or minimise contamination of waterways
Management Strategy	Water quality to be maintained through proper discharge of stormwater from site. No contaminant laden stormwater will be directed over the wharfs edge or directly into stormwater drains.
Actions	Hydrocarbons: Spill kits are located in the Site Shop adjacent to the generators / fuel storage tanks General litter: Waste receptacles will be provided on site in strategic locations to contain waste/ litter from staff/ performers and visitors to the site, and will be serviced at a frequency relevant to use by a licensed contractor Wastewater: No waste water will be uncontrollably discharged from the site
Performance Indicators	No Complaints received by ULDA. No decrease in water quality of stormwater discharged.
Monitoring	Daily routine inspections by technical operations team
Reporting	Any complaints, detection of reduced water quality or incidents / malfunction / damage to such infrastructure to be reported to Site Manager immediately and complaints management procedures followed
Corrective Actions	Investigate cause(s) of reduced water quality and remove cause. Implement additional / alternative water quality controls where required.

9.3 Air Quality Management

Air Pollution may be generated from:

- Exhaust emissions from generators
- Exhaust emissions from vehicles
- Fire events

Vehicles and generators used by Cirque du Soleil are required to comply with Australia's emissions standards. Any maintenance work will be undertaken by an accredited mechanic.

The primary area of concern regarding a fire event is at the fuel storage tanks. The environmental risks for a fire event are minimized through procedures adopted in Cirque du Soleil's Emergency Procedures document. To minimize the damage caused by a fuel spill, Spill Kits are located in the site shop adjacent to the generators/ Fuel storage tank.

ELEMENT	AIR QUALITY CONTROL
Objective	Minimise emissions
Management Strategy	Air quality to be managed through the use of appropriate methods on site and operating characteristics of the development
Actions	Low polluting mechanical plant equipment to be installed and regularly maintained to correct operation.
Performance Indicators	No complaints received by ULDA. No worsening of existing air quality in the immediate area
Monitoring	Regular maintenance of plant equipment to be undertaken
Reporting	Any complaints or incidents to be reported to Site Manager immediately and complaints management procedures followed
Corrective Actions	Investigate and implement air emission mitigation measures required to achieve the objective.

9.4 Waste Management

A variety of waste products may be generated as a result of Cirque du Soleil's operations. These different types of waste include:

- General garbage
- Recyclable waste

Waste produced on site is disposed by licensed contractors in a lawful manner.

ELEMENT	WASTE CONTROL
Objective	To prevent or minimize the generation of waste from the site and to use best practice waste management practices
Management Strategy	To implement and maintain Cirque du Soleil's Waste Management Plan for operations on the site
Actions	Provide receptacles for recyclable materials on site separate to waste receptacles for non-recyclable materials. Generate recycling receptacles to be regularly emptied by approved recycling contractor and dispatched for disposal or reprocessing of waste at an approved facility
Performance Indicators	Minimisation of waste and recycling of all suitable materials. Correct storage of waste on site in accordance with all relevant environmental policies.
Monitoring	Operations manager to ensure that waste is stored and collected correctly
Reporting	Any complaints or incidents to be reported to Site Manager immediately and complaints management procedures followed
Corrective Actions	Review work place practices and review if necessary, retrain staff in correct work practices.

9.5 Land Management

Site preparation will involve the leveling of high points and the addition of some road base material. No soil will be removed from the site.

Land contamination may be generated from:

- Failure of fuel storage
- Failure of couplings during refueling operations
- Vehicles / machinery visiting or used on site

ELEMENT	LAND MANAGEMENT
Objective	To prevent or minimise contamination of the site
Management Strategy	Activities are to be managed to prevent contamination of the site
Actions	Refueling operations will be undertaken by a licensed contractor Spill kits are located in the site shop adjacent to the generators / fuel storage tank. No major maintenance activities will be undertaken on the site
Performance Indicators	No complaints received by ULDA No worsening of the land in the immediate area
Monitoring	Operations manager to ensure that hazardous substances are stored and used correctly
Reporting	Any complaints or incidents to be reported to Site Manager immediately and complaints management procedures followed
Corrective Actions	Investigate and implement land contamination mitigation measures required to achieve the objective.

10.0 Incidents and Risk Management

Incidents may occur during the site preparation, set-up and day to day operations which require immediate attention to avoid harm to employees, contractors, patrons or to the surrounding environment. These risks are managed by the development of emergency procedures specific to possible hazards.

The ULDA Property Asset Manager – Wendy Brewster 07 3024 4118 – will be immediately notified in the event that an incident or an emergency that is associated with 'Ovo' occurs, or could be reasonably expected to occur.

Notification will include the following information:

- The site address
- Site manager
- Contact details
- The nature of the unauthorized release
- Incident or emergency including nature of the contaminants involved
- The expected time to the event or since the event
- The suspected cause of the event
- The possible affects of the event on the environment
- The actions taken to address the occurrence of the event

