

2013 Good Life Music Festival – Considerations for Arrival and Dispersal Analysis & Transport Strategy

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Event: 2013 Good Life Music Festival – Sydney
Venue: Randwick Racecourse
Date: Sunday 10 March 2013
Times: 1pm to 8pm
Analysis for Attendance: up to 15,000

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Transport & Bus Operations Summary based on Dispersal analysis on following page for [up to 15,000 attendances](#).

Good Life TMP Considerations

ESPA have been asked to reassess and modify the 2013 Future Music TMP in order to adapt relevant sections of the FMF TMP into a workable TMP for the proposed Good Life Music Festival that will be held the day after the Future Music Festival at Randwick Racecourse on Sunday 10 March. In order to modify the existing FMF TMP we first must identify the main differences and special considerations between the FMF event and the proposed Good Life Event, the following points outline some of the main differences and requirements that we need to consider for the reassessment and modification process of the FMF TMP.

Estimate Age Demographic split for Good Life Event:

The Good life Music Festival requires a reassessment of event transportation modes, ingress and egress modeling based on the demographic of 13-17 year olds expected to attend the music festival. These assumptions and rationale have been identified below.

Assumption: Split of the age demographic to be considered as an assumption:

- 17 year olds - 30% (4,500) - it is then estimated that up to 40% of this age group hold their P1 NSW Drivers License of which ~25% (1:4) may drive to the event which would equate to ~495 drivers at the event with an average of 2.4 patrons per vehicle which equates to 1,200 (8%) patrons that may drive and park at the event site.
- 16 year olds – 25% (3,750), 15 year olds – 20% (3,000), 14 year olds – 15% (2,250), 13 year olds – 10% (1,500)

Transport Options:

Current proposed transport options:

- Use integrated entry and transport ticket on public transport to Central Station, then use Event shuttle bus from Central Station to Randwick Racecourse (High St), then on egress both High St and Alison Rd bus way will be used for buses, all buses will depart the site to Central Station via Moore Park (park & pick-up area),
- Use of regular STA bus services through area, services to be increased to meet event demand on a Sunday night,
- Drop-off & Pick-up Designated Area: Moore Park Kippax Areas 1 & 2 (Ingress: Drop or Park & Ride, Egress Park Meet and Pick-up from designated Area)
- Event Car Parking – Infield Randwick Racecourse (estimate up to 600 car parking spaces would be utilized of the 1,100 available)
- Some parents will drop-off and pick-up from non designated areas and local streets close to the venue,
- Taxis & Hire Cars – We anticipate that taxis will be utilized by patrons both to and from the event,
- Some patrons will go to nearby friend's house as a meeting point then walk to and from the venue.

Arrival Analysis

Mode of Transport	Est. % Mode Share	Additional Notes, Estimates and Assumptions Analysis based on up to <u>15,000 Attendance</u>
Est. Number of patrons utilising integrated ticket arriving and departing by Rail at Central Station.	7,500 persons (50%)	For this event we will assume a larger ingress % than egress % by -10%: Ingress Estimate: up to 7,500 + 300* may arrive on public transport and Shuttle bus from Central Station Egress Estimate: up to 6,750 + 300* (47%) to depart on public transport & Event Shuttle bus to Central Station
Est. Number of patrons utilising Drop-off/ Pick-up (Drop & Ride) near Central Station then requiring Shuttle bus transfer to Venue	300 persons (2%)	Assume same % of use for ingress and egress: 120 vehicles at 2.5 people per vehicle. Ingress Estimate: up to 300* may require Event Shuttle bus from Central Station Egress Estimate: up to 7,050 in total may require Event Shuttle bus back to Central Station
Est. Number of patrons utilising Drop-off/ Pick-up (Drop & Ride) at Moore Park then requiring Shuttle bus transfer to Venue	2,550 persons (17%)	Estimate 1020 vehicles at 2.5 patrons per vehicle (2,550 persons) Vehicle parking capacity using Moore Park Area 2 (Showground Field) is approximately 1,200 spaces Vehicle parking capacity using Moore Park Area 1 (Kippax Lake) is approximately 1,400 spaces
Event Car Parking at RRC, estimated average 2.4/ Car	1,200 persons (8%)	Estimate: 1,200 Ingress and Egress (495 vehicles at 2.4 per vehicle), analysis based on: 30% of 15,000 being 17yrs old (4,500), using 11% of this age group being allowed to drive which is 495 driving patrons.
Number of patrons assumed to have arrived by private car drop-off, in nearby suburbs.	1,200 persons (8%)	Est. a total of 600 vehicles, undesignated drop-off (@2 people per vehicle) ___ > 1,200 people Impacts in Darley Rd, Alison Rd; High St; Doncaster Ave; and other surrounding streets; 600 vehicles over est. 1.5 hrs of arrival, over 4 sides of the venue, are 150 vehicles/ area, max. 4min drop-off
Number of patrons arriving by regular service buses from, South East suburbs, Eastern suburbs or nearby West suburbs	900 persons (6%)	Est. 900 patrons to utilize regular eastern suburbs bus services to the event site. A large number of school age children use public transport to travel to and from school on day to day basis.
Taxi Movements	600 persons (4%)	Taxis & Hire Cars: Ingress: Estimate 240 taxi movements at 2.5 people per taxi: Est. = 600 people Egress: Estimate 240 taxi movements at 2.5 people per taxi: Est. = 600 people
Walked from nearby residential areas to Venue	750 persons (5%)	Walk from Home: 750. Some patrons will go to nearby friend's house as a meeting point then walk to and from the venue.
Total	15,000 (100%)	Attendance 15,000 attendance

Dispersal Analysis

Mode of Transport	Est. % Mode Share	Additional Notes, Estimates and Assumptions Analysis based on up to <u>15,000 Attendance</u>
Est. Number of patrons utilising integrated ticket and utilising shuttle bus back to Central Station.	7,050 persons (47%)	Estimate Ingress: 7,500 – Est. Egress 6,750 = -750# persons who we anticipate will be picked up at end. For this event we will assume a larger ingress % and less on egress (approx. 6,750 +300), therefore: Egress Estimate: up to 7,050* may depart on public transport & Event Shuttle bus to Central Station
Est. Number of patrons utilising Drop-off/ Pick-up (Drop & Ride) at Central Station then requiring Shuttle bus transfer to Venue	300 (2%)	*this number includes those who arrive at Central by other means (approx. 300) but need to go back on the shuttle bus, <u>included in egress shuttle bus numbers above</u>
Est. Number of patrons utilising Park & Pick-up at Moore Park then requiring Shuttle bus transfer to Venue	2,550 persons (17%)	Estimate 1,275 vehicles at 2 patrons per vehicle (2,550 persons) Vehicle parking capacity using Moore Park (Area 1 & Area 2) is approximately 2,400 spaces, therefore the maximum dispersal capability of this area would be approximately 2,400 x 2 = 4,800 patrons.
Event Car Parking at RRC, estimated average 2.4/ Car	1,200 persons (8%)	Estimate: 1,200 Ingress and Egress (495 vehicles at 2.4 per vehicle), analysis based on: 30% of 15,000 being 17yrs old (4,500), using 11% of this age group being allowed to drive which is 495 driving patrons.
Number of patrons we are assuming to be picked up by private car parking and waiting in nearby streets around the venue.	2,600 persons (~17.4%)	Est. a total of 1300 vehicles , undesignated area pick-up (@2 people per vehicle) ____ > 2,600 people Impacts in Alison Rd; High St; Doncaster Ave; Darley Rd; 1300 vehicles over est. 1 hr of dispersal. #Note: We would envisage that these <u>additional</u> pick-up requirements at the conclusion of the event would occur in surrounding suburbs and not be pre arranged to the designated area, this may improve next year.
Number of patrons departing by regular service buses from East or West	500 (~3.3%)	Est. 500 patrons to utilize regular eastern suburbs bus services from the event site. #Note additional 400 persons may be picked up after the event (included above).
Taxi & Hire Car Movements Egress	600 persons (4%)	Taxis & Hire Cars: Ingress: Estimate 240 taxi movements at 2.5 people per taxi: Est. = 600 people Egress: Estimate 240 taxi movements at 2.5 people per taxi: Est. = 600 people
Walked to nearby residential areas to Venue	500 (~3.3%)	Walk Home: 500 #Note additional 250 persons may be picked up after the event (included above).
Total	15,000 (100%)	Attendance 15,000 attendance