

## CAMBRIDGE SPORT LAKES TRUST

### ASSESSMENT OF TRAVEL DEMAND FOR A MEDIUM EVENT.

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#### Assumptions:

1. A Triathlon competition has been chosen to represent the typical activity associated with a medium sized event. This will be similar in characteristics to a medium sized rowing event.
2. The assumptions made in terms of the arrival and departure of competitors, spectators and marshals/officials has been based on information obtained from the British Triathlete Association for the Eton Rowing Lake at Dorney, Berkshire.
3. These events typically occur at weekends and at off peak periods in terms of highway and traffic conditions.
4. It is intended that medium sized events will be controlled in the same way as special events, with a travel plan framework.
5. People numbers are estimated as follows:

Attendee	Number of People	Arrival/departure pattern	Mode of travel
Competitors	500	In 5 waves of 100 competitors	Mainly by car, with average car occupancy of 1.67 = 300 cars
Spectators	100	Arrive at start and leave at end of event	Modal Split as for typical weekday usage: 60% by car at average 1.5 occupancy 20% walk/cycle 20% bus/train
Marshalls/Officials	50	Arrive before start of event (before spectators) and leave after end (after spectators)	As for spectators

6. The number of competitors starting the event at any time is dictated by health and safety initiatives which restrict the number of people swimming at any time to 100 competitors. The event is thus split into 5 'waves'.
7. The resultant number of vehicles entering and leaving the site on an hourly basis is therefore estimated as follows:

Time	Competitors		Spectators		Marshalls / Officials		TOTAL	
	arrive	depart	arrive	depart	arrive	depart	arrive	depart
0600-0700					10		10	
0700-0800	60				10		70	
0800-0900			20				20	
0900-1000	60		20				80	
1000-1100		60						60
1100-1200	60						60	
1200-1300		60						60
1300-1400	60						60	
1400-1500		60						60
1500-1600	60						60	
1600-1700		60		20				80
1700-1800				20		10		30
1800-1900		60				10		70
TOTAL	300	300	40	40	20	20	360	360