

Annexure A12: Construction Phase Trip Generation (Duynefontein)

Land Use Type	People (No)	Total Vehicular Trips Generated		Peak Day Construction workers	Percentage Peak Hour Private Transport Trips				Percentage Peak Hour Public Transport Trips				Mode of Transport				Total Vehicle Trips Generated					
		AM Peak	PM Peak		AM Peak		PM Peak		AM Peak		PM Peak		Private Transport	Public Transport			AM Peak			PM Peak		
					In	Out	In	Out	In	Out	In	Out		Taxi	Bus	Rail	In	Out	Total	In	Out	Total
Proposed Nuclear 1 Site at Duynefontein	6000	100%	100%	80%	70%	0%	0%	80%	70%	80%	90%	80%	30%	20%	50%	0%	745	83	828	94	851	945
TOTAL	6000																745	83	828	94	851	945

Mode of Transport	Average Occupancy			Capacity
Private Vehicle	1.5			5
Taxi	15			15
Bus	60			60