

APPENDIX – 15-1

Calculation of Reduction in Nitrogen Dioxide

Project : KSL EIA
Title : Calculation of Reduction of Nitrogen Dioxide
Date : 17 March 2004

Daily capacity of KSL	640,000	passenger
Capacity of double decker bus	120	passenger / bus
Daily buses in equivalent	5333	buses
Eur III NO_x emission for bus at 2008	8	gm/km
Eur III NO₂ emission for bus at 2008	1.6	gm/km
Assume travel distance	3.7	km
Daily NO₂ emission	31,573	gm / day
Annual NO₂ emission	11,524,267	gm/year