

Enclosure B - Leakage Calculation for APCL project		
Total biomass required	ton/year	60000
Biomass transported by tractor	ton/year	18000
Biomass load per tractor	ton	1.5
Total no. of trips		12000
Avg. distance between project site and collection centres	Km	25
Consumption of diesel per trip (to and fro)(@5km/lit)	litres	10
Total diesel consumption	litres	120000
Calorific value of diesel	TJ/lit	0.0000283
Emission factor for diesel	t CO ₂ /TJ	74.1
Total emissions	t CO ₂	251.6436