Forest Area Calculation

(Protected Forest Area proposed for diversion for non forestry Use)

Forest Land proposed for Exit/Entry and Middle of Essar Oli Limited Retail Outlet on Moradabad-Farrukhabad(SH-43) in km.59.320, Khasra No.210 Village: Mundia Dhureki, Tehsil: Bisauli, District: Badaun

Area Calculation Measurements on basis of Georeferenced Map & Layout Plan.
Entry to Petrol Pump=Curve Polygon (ABA1) + Polygon (B B1 A2 A1)

= 36.34+ (19.36x11.50)sqm

= (36.34+222.64)sqm

=258.98sqm

Curve Radius= 13*13= 169

$\pi r^2/4$ =3.14*13*13/4

=132.66

Area of Curve Polygon= 169-132.66

36.34SQM

Protected Forest Land B/W Entry and Exit= Polygon (B1 C1 D2 A2) = (12.0x19.36)sqm

Protected Forest Land B/W Entry and Exit = 232.32sqm

Exit from Petrol Pump= Polygon (C1 C D1 D2) +Polygon Curve (C D D1)

= (19.36x11.50+36.34)sqm

=(222.64+36.34)

Protected Forest Area for Exit from Petrol Pump=258.98sqm

Total Proposed Protected Forest Area for Diversion

= 258.98sqm (Entry) +232.32sqm (Forest Area B/W Entry &Exit) + 258.98sqm (Exit)

= (194.74+158.4+181.54)sqm

=750.28sqm

= 0.075028Ha

For Essar Oil Limited

[signature]

Authorised Signatory
Essar Oil Limited
Divisional Office Noida

प्रभागीय निदेशक/वनाधिकारी
सामाजिक वानिकी प्रभाग
बदायूँ

[signature] 2/8/17

Karanesh Singh
Divisonal Manager (Retail)
Essar Oil Limited Noida