# Protected Forest Land Calculation Sheet

Proposed Forest Land for Exit/Entry of IOCL Retail Outlet on Sambhal-Hasanpur Road (SH-51) , Near KM Stone No.97-100, Village:- Chandawali, Tehsil:- Sambhal, District:- Sambhal (Uttar Pradesh)

Area As per Approved Layout Plan.

Entry to Petrol Pump=Curve Polygon (ABA1) + Polygon (B B1 A2 A1)

$$= 36.34+ (18.36*11.5)sqm$$

$$= (36.34+211.14)sqm$$

$$=247.48sqm$$

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 /Exit= Polygon (B1 C1 D2 A2) = (18.36x12)sqm

Protected Forest Land B/W Entry and Exit = 220.32sqm

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

$$= (18.36x11.5sqm+36.34sqm)$$

$$=(211.14+36.34)sqm$$

Protected Forest Area for Exit from Petrol Pump=247.48sqm

Total Proposed Protected Forest Area for Diversion

= 247.48sqm (Entry) +220.32sqm (Forest Area B/W Entry &Exit) + 247.48sqm (Exit)

$$= (247.48+220.32+247.48)sqm$$
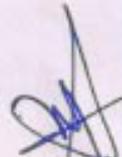
$$= 715.28sqm$$

$$= 0.071528Ha$$

Non Forest Area is As Per Layout Plan = 35MX35M

$$=1225SQM$$

$$=0.1225Ha$$

Date:

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