Protected Forest Land Calculation Sheet

Proposed Protected Forest Land for Exit/Entry of Essar Oil Limited Retail Outlet on Bhitariya-Haidargarh Road (MDR) in km.1.00-2.00, At GataNo.288 &305 ,Village:- Banikodar, Tehsil:- Ramsanehighat, District: Barabanki.

Area As per Approved Layout Plan.

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

= 36.215+ (13*11.5)sqm

= (36.215+149.5)sqm

=185.715sqm

Curve Radius= 13*13= 169

$\pi r^2/4$ =3.1428*13*13/4

=132.7857

Area of Curve Polygon= 169-132.66

36.215SQM

Protected Forest Land B/W Entry /Exit= Polygon (B1 C1 D2 A2) = (13x12.0)sqm

Protected Forest Land B/W Entry and Exit = 156sqm

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

= (13x11.5sqm+36.215sqm)

=(149.5+36.34)sqm

Protected Forest Area for Exit from Petrol Pump=185.715sqm

Total Proposed Protected Forest Area for Diversion

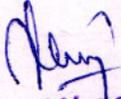= 185.715sqm (Entry) +156sqm (Forest Area B/W Entry &Exit) + 185.715sqm (Exit)

= (185.715+156+185.715)sqm

= **527.43sqm**

= **0.052743Ha**

Divisional Manager
Essar Oil Limited,Lucknow

Divisional Manager (UP-C)
Essar Oil Limited
315, 316, TC/G-2/2 & TC/G-5/5
IIIrd Floor, Cyber Heights
Vibhuti Khand, Gomti Nagar
Lucknow-226010

प्रतिहस्ताक्षरित

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