

## 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 Gata No.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)

$$= 36.215 + (13 \times 11.5) \text{sqm}$$

$$= (36.215 + 149.5) \text{sqm}$$

$$= 185.715 \text{sqm}$$

Curve Radius=  $13 \times 13 = 169$

$$\frac{\pi r^2}{4} = \frac{3.1428 \times 13 \times 13}{4}$$

$$= 132.7857$$

Area of Curve Polygon=  $169 - 132.66$

36.215 SQM

Protected Forest Land B/W Entry /Exit= Polygon (B1 C1 D2 A2) =  $(13 \times 12.0) \text{sqm}$

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

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

$$= (13 \times 11.5 \text{sqm} + 36.215 \text{sqm})$$

$$= (149.5 + 36.34) \text{sqm}$$

Protected Forest Area for Exit from Petrol Pump= 185.715sqm

Total Proposed Protected Forest Area for Diversion

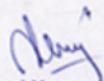
$$= 185.715 \text{sqm (Entry)} + 156 \text{sqm (Forest Area B/W Entry \& Exit)} + 185.715 \text{sqm (Exit)}$$

$$= (185.715 + 156 + 185.715) \text{sqm}$$

$$= 527.43 \text{sqm}$$

$$= 0.052743 \text{Ha}$$

Divisional Manager  
Essar Oil Limited, Lucknow

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

प्रतिहस्ताक्षरित

  
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