

Protected Forest Land Calculation Sheet

Proposed Forest Land for Exit/Entry of BPCL Retail Outlet on Azamgarh-Akbarpur Road (SH-30), At Khasra No.262, Near KM.Stone No.194, Village:- Barhi, Tehsil:- Tanda, District:- Ambedkar Nagar (Uttar Pradesh)

Area As per Approved Layout Plan.

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

$$= 36.34+ (19.36*12.285)sqm$$

$$= (36.34+237.84)sqm$$

$$=274.18sqm$$

$$\text{Curve Radius}= 13*13= 169$$

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

$$=132.66$$

$$\text{Area of Curve Polygon}= 169-132.66$$

$$36.34SQM$$

Protected Forest Land B/W Entry /Exit= Polygon (B1 C1 D2 A2) = (19.36x12.0)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)

$$= (19.36x12.285sqm+36.34sqm)$$

$$=(237.84+36.34)sqm$$

Protected Forest Area for Exit from Petrol Pump=274.18sqm

Total Proposed Protected Forest Area for Diversion

$$= 274.18sqm (\text{Entry}) +232.32sqm (\text{Forest Area B/W Entry \&Exit}) + 274.18sqm (\text{Exit})$$

$$= (274.18+232.32+274.18)sqm$$

$$= 780.68sqm$$

$$= 0.078068Ha$$

Bharat Petroleum Corporation Ltd.



Constituted Attorney

Territory Manager
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