

Protected Forest Land Calculation Sheet

Proposed Forest Land for Exit/Entry of BPCL Retail Outlet on Delhi-Kanpur Road (NH-91) ,IN Khasra No.28, AT KM 126, Chainage.125.910, Village:- Sikanderpur Bhukrawali, Tehsil:- Koli, District:- Aligarh (Uttar Pradesh)

Area As per Approved Layout Plan.

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

$$= 36.34+ (19.36*9.0)sqm$$

$$= (36.34+174.24)sqm$$

$$=210.58sqm$$

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

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

$$=132.66$$

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

$$36.34SQM$$

$$\text{Protected Forest Land B/W Entry /Exit}= \text{Polygon (B1 C1 D2 A2)} = (19.36*7.0)sqm$$

$$\text{Protected Forest Land B/W Entry and Exit} = 135.52sqm$$

$$\text{Exit from Petrol Pump}= \text{Polygon (C1 C D1 D2)} +\text{Polygon Curve (C D D1)}$$

$$= (19.36*9.0sqm+36.34sqm)$$

$$=(174.24+36.34)sqm$$

$$\text{Protected Forest Area for Exit from Petrol Pump}=210.52sqm$$

Total Proposed Protected Forest Area for Diversion

$$= 210.58sqm (\text{Entry}) +135.52sqm (\text{Forest Area B/W Entry \&Exit}) + 210.58sqm (\text{Exit})$$

$$= (210.58+135.52+210.58)sqm$$

$$= 556.68sqm$$

$$= 0.055668Ha$$

Non Forest Area is As Per Layout Plan = 25MX25M

$$=325SQM$$

$$=0.0625Ha$$


Bharat Petroleum Corporation Limited
Territory Office Mathura

प्रादेशिक प्रबंधक (रिटेल) मथुरा
भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
प्लॉट डी-1, रोड नं 26, इंडस्ट्रियल एरिया,
साइट-बी, पो. रिफाइनरी, मथुरा-281005