

Protected Forest Land Calculation Sheet

Proposed HPCL Retail Outlet on Sultanpur-Kadipur Road (SH-34) At
KM. Stone No.(164-165), Gata No.46, Village: Godalpur, Pargana:Aldemau,
Tehsil: Jaisinghpur, District: Sultanpur (Uttar Pradesh)

Area As per Approved Layout Plan.

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

$$= 36.34 + (19.36 \times 11.5) \text{sqm}$$

$$= (36.34 + 222.64) \text{sqm}$$

$$= 258.98 \text{sqm}$$

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

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

$$= 132.66$$

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

$$= 36.34 \text{SQM}$$

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

$$\text{Protected Forest Land B/W Entry and Exit} = 232.32 \text{sqm}$$

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

$$= (19.36 \times 11.5 \text{sqm} + 36.34 \text{sqm})$$

$$= (222.64 + 36.34) \text{sqm}$$

Protected Forest Area for Exit from Petrol Pump=258.98sqm

Total Proposed Protected Forest Area for Diversion

$$= 258.98 \text{sqm (Entry)} + 232.32 \text{sqm (Forest Area B/W Entry \& Exit)} + 258.98 \text{sqm (Exit)}$$

$$= (258.98 + 232.32 + 258.98) \text{sqm}$$

$$= 750.28 \text{sqm}$$

$$= 0.075028 \text{Ha}$$

प्रमाणित निदेशक
सर्वाधिकार पालिका वन प्रभाग
सुल्तानपुर

अविनाश जैन
मुख्य क्षेत्रीय प्रबन्धक
मिनीमल पेट्रोलियम कॉर्पोरेशन लि.
जैन मोरारी नगर, गुरुगढ़-202010