

Area Calculation

(Protected Forest Area proposed for diversion for non forestry Use)

**Proposed BPCL Retail Outlet on Tundla-Etah(sh-31) Road
At Village:Kotki, Tehsil:Tundla, Dist:Firozabad**

Area Calculation Measurements on basis of Georeferenced Map & Layout Plan.

Entry Curve Polygon + Exit Curve Polygon = (ABA1) + (D D1 C)

$$= 36.34\text{SQM} + 36.34\text{SQM} = 72.68\text{SQM}$$

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

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

$$= 132.66$$

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

$$36.34\text{SQM}$$

Front Side Area of Protected Forest Land proposed for Exit/Entry and middle

$$\text{Area of Polygon} = B C D1 A1$$

$$= 19.36 \times 35.0$$


$$= 677.6\text{SQM}$$

Total Protected Forest Area Proposed for Exit/Entry and Middle

$$= (677.6 + 72.68) \text{SQM}$$

$$= 750.28\text{SQM}$$

$$= 0.075028 \text{Hectare}$$


Deepak Diwakar
Executive (Sales) Retail
Bharat Petroleum Corporation Limited
D-1, Road No. 26, U.P.S.I.D.C., Site-B,
P.O. Refinery, Mathura - 281005
Ph: 0565-2480008, Fax: 0565-2480208