

Area Calculation

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

Establishment of Retail outlet by Essar Oil Limited Office, Gomti Nagar, Lucknow on LHS of Lucknow Faizabad (NH-28) Road between km 40-41 at Village: Dadra, Tehsil Nawabganj, District: Barabanki,

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

$$\begin{aligned}\text{Entry to Petrol Pump} &= A B B1 A1 \\ &= 0.03634 \text{ Ha}\end{aligned}$$


Protected Forest Land B/W Entry and Exit= Polygon B1 C1 D1 A1

$$\text{Protected Forest Land B/W Entry and Exit} = 0.07336 \text{ Ha}$$

$$\begin{aligned}\text{Exit from Petrol Pump} &= \text{Polygon C1 C D D1} \\ &= 0.05747 \text{ Ha}\end{aligned}$$

Protected Forest Area for Exit from Petrol Pump

$$\begin{aligned}&= (0.03634 + 0.07336 + 0.05747) \\ &= 0.167175 \text{ Ha}\end{aligned}$$


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