

Area Calculation

Proposed Protected Forest Land diversion for ESSAR Oil Limited Retail Outlet on Moradabad-Sambhal (MDR-69) Road (LHS)

Area Calculation Measurements on basis of Georeference Map and Approved Layout Plan.

$$\begin{aligned} \text{Entry to Petrol Pump} &= \text{Polygon (A D D2)} + \text{Polygon (A D2 D1 A1)} \\ &= 0.0036\text{ha} + 0.0147\text{ha} \end{aligned}$$

$$\text{Protected Forest Area for Entry to Petrol Pump} = 0.0183\text{Ha}$$

$$\text{Protected Forest Land B/W Entry and Exit} = \text{Polygon (A1 D1 C1 B1)}$$

$$\text{Protected Forest Land B/W Entry and Exit} = 0.0154\text{Ha}$$

$$\begin{aligned} \text{Exit From Petrol Pump} &= \text{Polygon (B1 C1 C2 B)} + \text{Polygon (B1 C2 C)} \\ &= 0.0147\text{Ha} + 0.0036\text{Ha} \end{aligned}$$

$$\text{Protected Forest Area for Exit from Petrol Pump} = 0.0183\text{Ha}$$

$$\begin{aligned} \text{Total Proposed Area} &= 0.0183\text{Ha (Entry)} + 0.0154\text{Ha (Forest Area B/W Entry \& Exit)} + 0.0183\text{Ha (Exit)} \\ &= 0.0183\text{Ha} + 0.0154 + 0.0183\text{Ha} \\ &= 0.052\text{Ha} \end{aligned}$$

Bowli Chahal
प्रभाषीय निदेशक
सामाजिक कानिकी प्रभाषी
मुरादाबाद