

### Protected Forest Land Calculation Sheet

Forest Land proposed for Exit/Entry and Middle of Indian Oil Corporation Ltd Retail Outlet on Bisalpur-Bilsanda Road (Road No-62PA), Ch. 5.924 to 5.959 (RHS)Khasra No.821 Village: Itgaon, Tehsil: Bisalpur, District: Pilibhit, Uttar Pradesh

Area as per Approved Layout Plan.

$$\begin{aligned}
 \text{Entry to Petrol pump} &= \text{Curve Polygon (ABA1)} + \text{Polygon (B B1 A2 A1)} \\
 &= 36.34 + (30.53 * 11.5) \text{ sqm} \\
 &= (36.34 + 351.095) \text{ sqm} \\
 &= 387.435 \text{ sqm}
 \end{aligned}$$

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

$$\begin{aligned}
 \pi r^2 / 4 &= 3.14 * 13 * 13 / 4 \\
 &= 132.66
 \end{aligned}$$

$$\begin{aligned}
 \text{Area of Curve Polygon} &= 169 - 132.66 \\
 &= 36.34 \text{ sqm}
 \end{aligned}$$

$$\begin{aligned}
 \text{Protected Forest land B/W Entry/Exit} &= \text{Polygon (B1 C1 D2 A2)} = \\
 &= (30.53 * 12) \text{ sqm}
 \end{aligned}$$

$$\text{Protected Forest land B/W Entry/Exit} = 366.36 \text{ sqm}$$

$$\begin{aligned}
 \text{Exit from Petrol Pump} &= \text{Polygon (C1 C D1 D2)} + \text{Polygon Curve (C D D1)} \\
 &= (11.5 * 30.53 \text{ sqm} + 36.34 \text{ sqm}) \\
 &= (351.095 \text{ sqm} + 36.34 \text{ sqm})
 \end{aligned}$$

$$\text{Protected Forest Area for Exit from Petrol Pump} = 387.435 \text{ sqm}$$

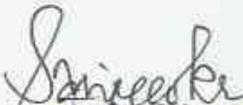
#### **Total Proposed Protected Forest Area for Diversion**

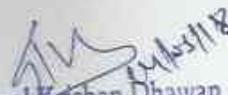
$$\begin{aligned}
 &= 387.435 \text{ sqm (Entry)} + 366.36 \text{ sqm (Forest Area B/W Entry \& Exit)} + 387.435 \text{ sqm (Exit)} \\
 &= (387.435 + 366.36 + 387.435) \text{ sqm}
 \end{aligned}$$

$$= 1141.23 \text{ sqm}$$

$$= 0.114123 \text{ Ha}$$

  
**क्षेत्रीय वनाधिकारी**  
 बीसलपुर (पीलीभीत)

  
 प्रभागीय निदेशक  
 साठवा0प्रभाग, पीलीभीत

  
 शील कृष्ण धवन/Sheel Krishan Dhawan  
 वरिष्ठ प्रबंध (रिटेल सेल्स) Sr. Manager (Retail Sales)  
 इंडियन ऑयल कॉर्पोरेशन लि. (एम. डी.)  
 Indian Oil Corporation Limited (M.D.)  
 Sr. Manager (Retail Sales)  
 36, B. K. Kamla Nehru Marg  
 Indian Oil Corporation Limited  
 बरली-243001 (उ.प्र.) Bareilly-243001 (U.P.)