Protected Forest Land Calculation Sheet

Forest Land Proposed for Exit/Entry of BPCL Retail Outlet on Bhiti-Goshaiganj Road (ODR), Near KM.Stone No.- 1, At Khasra No.-215, At Village: Mahmadpur, Tehsil: Bhiti, District: Ambedkernagar, Uttar Pradesh

Area As per Approved Layout Plan.

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

= 36.34+ (16.34*11.5)sqm

= (36.34+187.91)sqm

=224.25sqm

Curve Radius= 13*13= 169

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

=132.66

Area of Curve Polygon= 169-132.66

36.34SQM

Protected Forest Land B/W Entry /Exit= Polygon (B1 C1 D2 A2) = (16.34x12.0)sqm

Protected Forest Land B/W Entry and Exit = 196.1sqm

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

= (16.34x11.5sqm+36.34sqm)

=(187.91+36.34)sqm

Protected Forest Area for Exit from Petrol Pump=224.25sqm

Total Proposed Protected Forest Area for Diversion

= 224.25sqm (Entry) +196.1sqm (Forest Area B/W Entry &Exit) + 224.25sqm (Exit)

= (224.25+196.1+224.25)sqm

= 644.58sqm

= 0.064458Ha

Bharat Petroleum Corporation Limited
Territory Office Baitalpur,Deoria(U.P)