Area Calculation

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

Proposed BPCL. Retail Outlet On SH-26 Balrampur-Utraula Road,
Village:Gondipur, Tehsil: Balrampur, District: Balrampur Near KM.Stone No.331 (Uttar Pradesh)

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

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

= 36.34+ (19.16*12.0)sqm

= (36.34+229.92)sqm

=266.26sqm

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 and Exit= Polygon (B1 C1 D2 A2) = (19.16x16.0)sqm

Protected Forest Land B/W Entry and Exit = 306.56sqm

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

= (19.16x12sqm+36.34sqm)

Protected Forest Area for Exit from Petrol Pump=266.26sqm

Total Proposed Protected Forest Area for Diversion

= 266.26sqm (Entry) +306.56sqm (Forest Area B/W Entry &Exit) + 266.26sqm (Exit)

= (266.26+306.56+266.26)sqm

= 839.1sqm

= 0.08391Ha