Area calculation

(Protected Forest Area proposed for diversion for non- forestry use)

Proposed My Own Eco Energy Pvt Ltd Bio Diesel Retail Outlet on Faizabad-Azamgarh Road on SH-30 At KM.166-167(CH.166.095,RHS) AT Gata No.327Mi/0.149 Ha At – Village- Tiwaripur,Tehsil – Akbarpur, District- Ambedkar Nagar (U.P)

Area Calculation Measurement on basis of Georeferenced Map & Layout Plan.

Entry to petrol Pump = Curve Polygon(ABA1)+Polygon (BB1A2A1)
= 5.375+(30.04×12)sqm
= 5.375+360.48sqm
= 365.855sqm

Curve Radius = 5×5=25
$\pi r^2/4$ =3.14×5×5/4
=19.625

Area of Curve Polygon = 25-19.625
= 5.375 SQM

Protected Forest land B/W Entry and Entry=Polygon (B1C1D2A2)
=(30.04×6)sqm
=180.24sqm

Exit from Petrol Pump= Curve Polygon (CDD1) + Polygon (C1CD1D2)
= 5.375+(30.04×12)sqm
= 5.375+360.48sqm
= 365.855sqm

Total Proposed Protected Forest Area for Diversion
=365.855sqm (Entry)+ 180.24sqm (Forest Area B/W Entry & Exit)+ 365.855sqm (Exit)
=(365.855sqm +180.24sqm +365.855sqm)
=911.95sqm
=0.091195 Ha

Non – Forest Area= 30×35m
=1050Sqm
=0.1050Ha