Area calculation

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

Proposed IOCL retail Outlet Kisan Sewa Kendra At – village- Naseerpur kundarki, on Moradabad- Sambhal Road,Tehsil-Bilari, District-Moradabad(U.P)

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

Entry to petrol Pump = Curve Polygon(ABA1)+Polygon (BB1A2A1)

$$= 44.57+(12.13\times12)sqm$$
$$= (44.57+145.56)sqm$$
$$= 190.13sqm$$

Curve Radius = 14.398*14.398=207.302404

$\pi r^2/4$ =3.14*14.398*14.398/4

$$=162.73$$

Area of Curve Polygon = 207.30-162.73

$$=44.57SQM$$

Protected Forest land B/W Entry and Exit=Polygon (B1C1D2A2)

$$=(12.13\times31)sqm$$
$$=376.03sqm$$

Exit from Petrol Pump= Polygon (C1CD1D2) + Polygon Curve (CDD1)

$$=(12.13\times12 \text{ sqm} + 44.57sqm)$$

Protected Forest Area for Exit from Petrol Pump=190.13

Total Proposed Protected Forest Area for Diversion

=190.13sqm(Entry)+376.03 sqm(Forest Area B/W Entry & Exit)+190.13 sqm(Exit)
=(190.13+376.03+190.13)sqm
=756.29sqm
=0.075629 H

Non Forest Area= 55mx53m = 2915sqm

$$=0.2915Ha$$

(हस्ताक्षरकर्ता)
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