

Area Calculation Sheet as per Approved Layout Plan

**PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT OF BPCL RETAIL OUTLET
on Chhibramau Saurikh Vidhuna road (MDR-13) km 15 Chainage 14.815 to 14.850 , Khasra no 1994
Village- Saurikh Tehasil-Chhibramau District - Kannauj**

Description		Length(in mtr)	Width (in mtr)	Proposed Forest Land Area (in Sqm)
Approach to Entry of retail outlet	Curve Polygon(AA1B)	radius(r1) =13.0 m	radius(r2) =13.0 m	Curve Radius=(r1×r2) =13.0 m×13.0 m =169.0 Sqm $\pi r^2/4=(3.14 \times 13.0 \times 13.0)/4$ =132.665 Sqm Area of Curve Polygon =(169.0-132.665)Sqm =36.34 Sqm
	Polygon (A1A2B1B2)	11.5	14.760	=(11.5m × 14.760m) Sqm =169.74 Sqm
Area of Approach to Entry of retail outlet				=(36.34+169.74) Sqm =206.08 Sqm
Forest land B/W Entry and Exit	Polygon(B1C1 D2A2)	12.0	14.760	=(12.0m×14.760m)Sqm =177.12 Sqm
Area of Forest land B/W Entry and Exit				=177.12Sqm
Approach to Exit from retail outlet	Curve Polygon (DD1C)	radius(r1) =13.0 m	radius(r2) =13.0 m	Curve Radius=(r1×r2) =13.0 m×13.0 m =169.0 Sqm $\pi r^2/4=(3.14 \times 13.0 \times 13.0)/4$ =132.665 Sqm Area of Curve Polygon =(169.0-132.665)Sqm =36.34 Sqm
	Polygon (D1D2C1C)	11.5	14.760	=(11.5m × 14.760m) Sqm =169.74 Sqm
Area of Approach to Entry of retail outlet				=(36.34+169.74) Sqm =206.08 Sqm

Total Proposed Protected Forest Area for Diversion

=206.08 Sqm (Entry)+177.12 Sqm (Forest Area B/W Entry & Exit)+206.08 Sqm (Exit)

=589.28 Sqm≈0.0589 Ha

Non-Forest Land Area as per Layout Plan

=(58.551×35.0) Sqm

=2049.285 Sqm≈0.2049 Ha

3-19-10-20
सुप्रतिम भट्टाचार्य
प्रदेशीय प्रबन्धक (रिटेल)
भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
प्लॉट-डी रोड नं. 26 इंडस्ट्रियल एरिया, साइट-बी
पोस्ट ऑफिस-मथुरा रिफाइनरी, मथुरा-281005