

**Area Calculation Sheet as per Approved Layout Plan**

**PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT OF BPCL RETAIL OUTLET  
ON MEERUT - BAGHPAT - SONIPAT ROAD (SH-14), IN KM. NO. 53 (CH. NO. 52.500, LHS), AT  
KHASRA NO - 586 & 589, VILLAGE:- MALYANA, TEHSIL:- SADAR MEERUT,  
DISTRICT:- MEERUT (U.P.)**

Description		Length (in meters)	Width (in meters)	Proposed Forest Land Area (in SqM)
Approach to Entry of retail outlet	Curve Polygon (M N F)	radius (r <sub>1</sub> )= 13.0m	radius (r <sub>2</sub> )= 13.0m	Curve Radius = (r <sub>1</sub> × r <sub>2</sub> ) = 13.0m × 13.0m = 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 (G F M L)	11.50	15.86	= (11.50m × 15.86m) = 182.39 SqM
Area of Approach to Entry of retail outlet				= (36.34 + 182.39) SqM <b>= 218.73 SqM</b>
Forest land B/W Entry and Exit	Polygon (G H K L)	7.67	15.86	= (7.67m × 15.86m) SqM = 121.6462 SqM
Area of Forest land B/W Entry and Exit				<b>= 121.6462 SqM</b>
Approach to Exit from retail outlet	Curve Polygon (A J I)	radius (r <sub>1</sub> )= 13.0m	radius (r <sub>2</sub> )= 13.0m	Curve Radius = (r <sub>1</sub> × r <sub>2</sub> ) = 13.0m × 13.0m = 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 (A J K H)	11.50	15.86	= (11.50m × 15.86m) = 182.39 SqM
Area of Approach to Exit from retail outlet				= (36.34 + 182.39) SqM <b>= 218.73 SqM</b>

**Total Proposed Protected Forest Area for Diversion**

= 218.73 SqM (Entry) + 121.6462 SqM (Forest Area B/W Entry & Exit) + 218.73 SqM (Exit)  
= 559.1062 Sqm ≈ 0.055911 Ha.

**Non-Forest Land Area as per Layout Plan**

= 1500.0 SqM = 0.15 Ha.



24/10/2019  
कुमार अंशु  
प्रादेशिक प्रबंधक (रिटेल)  
भारत पेट्रोलिएम कॉर्पोरेशन लिमिटेड  
(Authorized Signatory)  
आबू का मकबरा, बरेली  
मेरठ-250002 (उ०प्र०)  
**Bharat Petroleum Corporation Ltd.**  
**Meerut Territory Office**