

**AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN**

**PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO HINDUSTAN PETROLEUM CORPORATION LIMITED RETAIL OUTLET ON PRAYAGRAJ-REWA ROAD NH-27 (NEW NH-30) IN KM NO. 44 (CH. NO. 43.738, RHS) AT KHASRA NO-15, VILLAGE:- NARI BARI, TEHSIL:-BARA, DISTRICT:- PRAYAGRAJ (U.P.)**



**FOREST LAND AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN**

Area of Proposed Protected Forest Land is = Area of Proposed Service Road + Area of Separator + Area of Chevron Marking  
= ABCD + ADEF + EFGH  
= (911.0m x 5.5m) + (911.0m x 0.5m) + (911.0m x 1.5m)  
= 5010.5 SqM + 455.5 SqM + 1366.5 SqM  
= 6832.5 SqM  
= 0.68325 Hectares.

So, total Protected Forest Land area proposed for diversion is 0.68325 Hectares.

प्रशांत कुमार शुक्ला  
Prashant Kumar Shukla  
उप महाप्रबंधक  
Deputy General Manager  
वाराणसी क्षेत्रीय कार्यालय  
Varanasi Retail Regional  
Hindustan पेट्रोलियम कारपोरेशन लिमिटेड  
Hindustan Petroleum Corporation Limited  
(Authorized Signatory)

10/8/22

Hindustan Petroleum Corporation Ltd.  
Varanasi Retail Regional Office

## AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

**PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO HINDUSTAN PETROLEUM CORPORATION LIMITED RETAIL OUTLET ON PRAYAGRAJ-REWA ROAD NH-27 (NEW NH-30) IN KM NO. 44 (CH. NO. 43.738, RHS) AT KHASRA NO-15, VILLAGE:- NARI BARI, TEHSIL:-BARA, DISTRICT:- PRAYAGRAJ (U.P.)**



### NON FOREST LAND AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

Area of Non Forest Land is = Area of Retailoutlet Private Land +  
Area of Non Forest Land

Area of retailoutlet Private Land is = area of parallelogram PQRS  
= base x height = (45.0m x 45.0m) = 2025.0 SqM

Area of Non Forest Land = Area of Entry Shoulder + Area of Exit Shoulder +  
Area of Service Road

Area of Entry Shoulder = BCDE + DEF + EFF1  
= (593.7304m x 2.25m) + 1/2 x (31.31316m x 2.25m)} + [13.0m x 12.5m) -  
{3.14 x (13.0m x 12.5m)/4}]  
= 1335.8934 SqM + 35.2273 SqM + 34.9375 SqM  
= 1406.058 SqM

Area of Exit Shoulder = JKIH + GHI + GG1I  
= (258.69089m x 2.25m) + 1/2 x (23.66803m x 2.25m)} + [13.0m x 12.5m) -  
{3.14 x (13.0m x 12.5m)/4}]  
= 582.054 SqM + 26.62653 SqM + 34.9375 SqM  
= 643.61803 SqM

Area of Separator = FF1G1G  
= (35.0m x 12.5m)  
= 437.5 SqM

Area of Service Road = ABLK  
= (911.0m x 1.5m)  
= 1366.5 SqM

**So, total Non Forest Land area proposed  
is = (2025.0 + 1406.058 + 643.618 + 437.5 + 1366.5) SqM  
= 5878.676  
≈ 0.5879 Hectares.**

10/8/22  
प्रशांत कुमार शुक्ला  
Prashant Kumar Shukla  
उप महाप्रबंधक  
Deputy General Manager  
वाराणसी क्षेत्रीय कार्यालय  
Varanasi Retail Regional  
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड  
(Authorized Signatory)

Hindustan Petroleum Corporation Ltd.  
Varanasi Retail Regional Office