

State serial No. of proposal _____

PART-II

(To be filled by the concerned Conservator of Forests & Director)

Name of Proposal : Proposal for diversion of 0.018 ha. forest land from S.No. 15(pt), CTS No. 537(pt.) for widening of existing Kulupwadi Road connecting Western Express Highway, Borivali (East), Mumbai.

7. Location of the project/Scheme
- i) State/ Union/Territory : Maharashtra
 - ii) District : Mumbai Suburban District
 - iii) Forest Division : Sanjay Gandhi National Park Division
 - iv) Area of forest land proposed for diversion (in ha.) : 0.018 Ha
 - v) Legal status of forest. : Unclassed Forest.
 - vi) Density of vegetation. : 0.1
 - vii) Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.) : Enclosed on Page No.
 - viii) Brief note on vulnerability of the forest area to erosion : Area proposed for diversion is not vulnerable to erosion.
 - ix) Approx. distance of proposed site for diversion from boundary of forest. : The present proposal falls within the Sanjay Gandhi National Park (SGNP), Borivali.
 - x) Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed). : No. The area proposed for diversion is from unclassified forest in charge of Sanjay Gandhi National Park. However, this area does not form part of Notified Protected Area of Sanjay Gandhi National Park

- xi) Whether any rare/endangered/ unique species of flora and fauna found in the area if so detail thereof. : The Sanjay Gandhi National Park (SGNP), Borivali supports the following species of floral and faunal importance amongst others.

Conservation Value / Critical Wildlife habitats in the PA.

The floral and faunal species of conservation importance in the area of Sanjay Gandhi National Park Division are Sita Asoka (*Saraca indica*), Teak (*Tectona grandis*), Ain (*Terminalia tomentosa*), Khair (*Acacia catechu*), Hed (*Adina cordifolia*), Beheda (*Terminalia bellerica*), Shisam (*Dalbergia latifolia*), Savar (*Bombax ceiba*), Kalamb (*Mitragyna parvifolia*), Palas (*Butea monosperma*), Jamun (*Syzygium cumini*), Umber (*Ficus racemosa*), Amla (*Emblica officinalis*), Kahandol (*Streculia urens*) and Karvi (*Strobilanthes callosus*), etc.

Faunal species in SGNP include Leopard (*Panthera pardus*), Jackal (*Canis aureus*), Striped Hyaena (*Hyaena hyaena*), Jungle Cat (*Felis chaus*), Rusty Spotted Cat (*Prionailurus rubiginosus*), Indian Grey Mongoose (*Herpestes edwardsii*), Small Indian Civet (*Viverricula indica*), Wild Boar (*Sus scrofa*), Mouse Deer (*Moschiola meminna*), Spotted Deer (*Axis axis*), Barking Deer (*Muntiacus muntjak*), Sambar (*Rusa unicolor*), Langur (*Semnopithecus entellus*), Black Naped Hare (*Lepus nigricollis*), Porcupine (*Hystrix indica*), etc. with birds like Peafowl (*Pavo cristata*), Pariah Kite (*Milvus migrans*), Grey Hornbill (*Ocyceros birostris*), Purple Heron (*Hardea purpurea*), Common Kingfisher (*Alcedo atthis*), Asian Koel (*Eudynamys scolopaceus*), Spotted Owl (*Strix occidentalis*), Common Wood Shrike (*Tephrodornis pondicerianus*), Red whiskered Bulbul (*Pycnonotus jocosus*), etc. Insects include numerous butterflies and moths, Atlas moth, etc. The reptile

species found in this tract are Crocodile (*Crocodylus palustris*), Common Garden Lizard (*Calotes versicolor*), Indian Chameleon (*Chamaeleo zeylanicus*), Monitor Lizard (*Varanus bengalensis*), Dhaman (*Ptyas mucosa*), Indian Cobra (*Naja naja*), Indian Krait (*Bungarus caeruleus*), Rock Python (*Python molurus*), etc.

All efforts for conservation and protection of these species are practiced, strict protection by continuous patrolling is enforced in protected area and areas under the administrative control of the SGNP Division.

- xii) Whether any protected : No
archaeological/ heritage site/
defense establishment or any
other important monument is
located in the area. If so, the
details thereof with NOC from
competent authority, if
required.
8. Whether the requirement of : Yes
forest land as proposed by the
user agency in col. 2 of Part-I is
unavoidable and barest
minimum for the project. If no,
recommended area item-wise
with details of alternatives
examined.
9. Whether any work in violation : No
of the Act has been carried out
(Yes/No). If yes, details of the
same including period of work
done, action taken on erring
officials. Whether work in
violation is still in progress.
10. Details of compensatory : N.A.
afforestation scheme
- i) Details of non-forest : N.A.
area/degraded forest area

identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.

- ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries. : N.A.
 - iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc. : N.A.
 - iv) Total financial outlay for compensatory afforestation scheme. : N.A.
 - v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Conservator of Forests & Director). : N.A.
11. Site inspection report of the CF & Director (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above. : Yes. Enclosed.
12. Division/District profile: : Forest Division: Sanjay Gandhi National Park Division.
District : Mumbai Suburban District, Thane & Palghar.
- i) Geographical area of the district : MSD : 446.00 sq.km.
Thane : 4241.50 sq.km.
Palghar : 9558.00 sq.km.
 - ii) Forest area of the district. : 1701.087 sq.km. of Palghar & Thane Dist.

44.43 sq.km. of Mumbai Suburban District.

- iii) Total forest area diverted since 1980 with number of cases. : 96.7232 ha. (No. of cases = 07)
- iv) Total compensatory afforestation stipulated in the district/division since 1980 on
- a) forest land including penal compensatory afforestation : 6.97 ha.
 - b) non-forest land : Nil.
- v) Progress of compensatory afforestation as on (date)
- a) forest land : Nil
 - b) non-forest land : Nil
13. Specific recommendations of the CF & Director for acceptance or otherwise of the proposal with reasons. : Considering the public utility of project for heavy traffic congestion, the proposed project is recommended subject to compliances of the following conditions:
- 1). Getting prior permission of monitoring committee of ESZ of Sanjay Gandhi National Park (SGNP) before commencement of the road works in the project area.
 - 2). Construction of cement concrete wall with barbed wire fencing on top of it along the boundary of the Sanjay Gandhi National Park parallel to Western Express Highway.
 - 3). Construction of 6 Type-II staff quarter buildings for field staff of SGNP as per the design and dimensions provided by the SGNP Authorities .



(G. Mallikarjuna)

Place : Borivali

Date :

**Conservator of Forests & Director,
Sanjay Gandhi National Park, Borivali**