

## FIELD INSPECTION NOTE OF A.K. SINHA, IFS., CCF / FIELD DIRECTOR, AMRABAD TIGER RESERVE, ACHAMPET ON 19-2-2019

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Inspected the location of proposed project / scheme submitted by user agency for Construction of Dindi balancing Reservoir of AMRSLBC Project passing through Compt.No.156,157,158 of Nidgul Reserve Forest block of Amrabad Tiger Reserve. The proposal of the project for Construction of Dindi Balancing Reservoir has been submitted by the Chief Engineer, NSP & AMRSLBC Project, Hyderabad, who is the user agency.

Name of the Reserve Forest	Legal status	Area of the forest block as per notification	Area proposed for Road	Area proposed under Submergence
Nidgul	Notified u/s.15 of AP Forest Act,1967, declared as Amrabad Tiger Reserve vide G.O Ms.No. 3, EFS&T (For-II), dt: 06.02.2015	26785.08 Ha	6.3475 Ha (Falling in core area of ATR) & 3.6601 Ha (Falling in ESZ) <b>Total: 10.0076 Ha</b>	193.8587 Ha (Falling in core area of ATR) & 48.0835 Ha (Falling in ESZ) <b>Total: 241.9422 Ha</b>



The proposed location is passing through Compt. No.156,157 and 158 of Korutla Beat of Nidgul Reserve Forest. The user agency has proposed that the required forest area is about 10.0076 Ha for laying of Road and 241.9422 Ha for Submergence as there is no alternate area suitable for

the project. The Forest area consists of the following species: - **Flora** - 1. *Albezia amara* (Narlinga) 2. *Wrightia tinctoria* (Palakudisha) 3. *Carissa* (Kalima) 4. *Choroxylon swetenia* (Billudu) 5. *Acacia sandra* (Sandra) 6. *Azadirachta indica* (Vepa) 7. *Sapindus emarginatus* (Kunkudu) 8. *Holoptelia integrifolia* (Nemalinara) 9. Jana 10

Gare 11. Sarkar thumma (*Prosopis juliflora*) 12. Rela 13. Tellathumma, etc., **Fauna** - Leopard, Spotted Deer, Nilgai, Fox, Wild Boar, Pea fowl, Monitor Lizard, Sloth Bear etc.,



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Enumeration of the existing tree growth has been carried out by the FRO, Devarakonda and abstract Species wise, Girth Class – wise is enclosed herewith. The enumeration was also checked at few points and was found to be correct.

It is observed that the proposed place for construction of Dindi Balancing Reservoir consists of Sheet Rock, Granite Stone which requires blasting. Further the User Agency has informed that the dugout material will be dumped in the same place proposed for construction of Dindi Balancing Reservoir.

There are no endangered / rare / unique species of flora and fauna present in this area. But it is part of Tiger Reserve.


As per the User Agency the area proposed for diversion is unavoidable and barest minimum required for the project. The basic objective of the project is to provide drinking water to the fluoride affected people of Nalgonda, irrigation



facilities to the poor farmers of chronic drought areas of Nalgonda District and also to provide drinking water supply to Hyderabad. Since the project is important component of the AMRSLBC Project Tunnel Scheme and also forms a vital link between two tunnels of the scheme connecting the two tunnels, the proposal may be considered with following conditions.

The user agency may be requested to follow the following conditions during work in progress.

1. The user agency may be instructed to take up the work during day time only i.e., from 9 to 5 pm.
2. The user agency may be instructed not to leave any waste/excess material inside the Tiger Reserve which may effect wild animal.
3. The User agency may also be instructed to use the sound proof machinery to operate inside the Tiger Reserve.
4. The blasting technique used may be controlled blasting to prevent any fly rocks to cause any injury to Wildlife / human being.

  
CCF / Field Director,  
Amrabad Tiger Reserve,  
Achampet.



**FIELD INSPECTION NOTE OF A.K. SINHA, IFS., CCF /  
FIELD DIRECTOR, AMRABAD TIGER RESERVE,  
ACHAMPET ON 19-02-2019**

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Inspected the location of proposed project, Construction of Dindi Balancing Reservoir of AMRSLBC in the presence of District Forest Officer, Nagarkurnool and I/c Forest Divisional Officer, Achampet. Proposals for diversion of forest land for the said project is submitted by the Chief Engineer, NSP & AMRSLBC Project, Hyderabad, who is the user agency. The diversion area for the project is falling in Compt.No. 483 of Mannevaripally (N) beat, Siddapur Section of Ghanpur RF of Achampet Range, Amrabad Tiger Reserve which is as follows: -

Name of the Reserve Forest	Legal status	Area of the forest block as per notification	Area proposed for Road	Area proposed under Submergence
Ghanpur	Notified U/s 15, GO. Ms. No. 184 EFES & T (For-I) dt. 02.06.1989.	3632 Ha	5.628 Ha (Falling in buffer area of ATR) & 0.6767 Ha (Falling in ESZ) <b>Total: 6.3047 Ha</b>	17.4152 Ha (Falling in buffer area of ATR) & 6.2606 Ha (Falling in ESZ) <b>Total: 23.6758 Ha</b>


The proposed location is falling in Compt. No. 483 of Mannevaripally (N) beat of Siddapur Section of Achampet Range, Ghanpur Reserve Forest. The user agency has proposed diversion of 6.3047 Ha of Forest area for laying of road and 23.6758 Ha for Submergence under the project. There is no alternate area feasible for the project. During field inspection it is observed that, the density of Forest cover is 0.1 to 0.3 and average height of the crop is about 4 to 6 Mtrs and most of trees are fit for fuel. It is also observed that, Nelamarri (*Plectranthus mollis*) is predominant in this area. The total no of trees falling in proposed diverted area is 1918 numbers out of which there are 131 number of poles. The Forest area consists of the following species. 1. *Albezia amara* (Narlinga) 2. *Wrightia tinctoria* (Palakudisha) 3. *Choroxylon swetenia* (Billudu) 4. *Acacia sandra* (Sandra) 5. *Sapindus emarginatus* (Kunkudu) 6. *Holoptelia integrifolia* (Nemalinara), 7. Jana (*Grewia florae of india*) 8. Kummari poliki (*Givottia rotleriformis*), 9. Nelam mari (*Plectranthus mollis* (Aiton) Spreng), 10. Neem (*Azadirachta indica*), 11. Sarkar thumma (*Prosopis juliflora*) 12. Rela

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(Cassia fistula) and major fauna present are Leopard, Fox, Wild Boar, Peacock, Monitor Lizard, Sloth Bear, Wild dogs etc.,

There are no endangered / rare / unique species of flora and fauna present in this area. But it is a part of the protected area. Further it is submitted that, 6 Kms trench was dug during 2017 along the periphery of Ghanpur Reserve Forest which is going to be submerged in the above proposed project. It is also observed that, as per the proposals submitted by the user agency, Road has to be formed along the periphery of Reserve Forest which needs to be aligned in the hillocks. It may lead to soil erosion due to ground instability. Hence measures to be taken to prevent the soil erosion and also to stabilize that road side strata by suitable riveting or stone packing.

As per the User Agency, the forest area proposed for diversion is unavoidable and is barest minimum required for the project. The project is important component of the AMRSLBC Project Tunnel Scheme and also forms a vital link between two tunnels of the scheme. The basic objective of the project is to provide drinking water to the fluoride affected people of Nalgonda, irrigation facilities to the poor farmers of chronic drought areas of Nalgonda District and also to provide drinking water supply to Hyderabad. It also does not affect to any significant extent the flora and fauna of the local area adversely; the project is recommended. There is no violation of FC Act by the user agency.

  
CCF Field Director,  
Amrabad Tiger Reserve,  
Achampet.