

**Field inspection of the Chief Conservator of Forests/Conservator of Forests,
Hyderabad Circle on diversion of Reserve Forest area in favour of Chief Engineer,
Kaleshwaram Project, Hyderabad in Yadadri Bhuvanagiri District of Telangana State.**

Inspected the proposed forest area of Veerareddipalli Block 1 for formation of Gandhamalla storage Reservoir on 01.03.2017. The area is Perambulated thoroughly along with Field staff and Engineers of the user agency. The existing forest is tropical dry deciduous forest. The area proposed to be diverted is demarcated on the ground. The terrain is undulating and gently rolling. The soils are gravelly mixed with fair size boulders with rocky out crops. The vegetation include mostly Chloroxylon switenia (Billudu), Albizzia amara (Narlinga), Randia dumetorum (Manga), Butea monosperma (Moduga) but of stunted growth because of edaphic and climate factors. Since, the area proposed is for storage reservoir only, the soil erosion is not a issue. At FRL, the submergence will be up to foot hills of the hillocks. Though practically diversion is for the submergence, positive impact also can be seen as moist regime increases the density of vegetation in the surrounding forest area.

The major fauna present in the areas proposed for diversion include Lepus nigricollis (Hare), Vulpes vulpes (Fox), Sus scrofa (Wild pig), Pavo cristatus (Pea fowl), Macaca mulatta (Monkeys), Varanus spp (monitor lizard), etc.

The area has 14 old Eucalyptus and 10 of Kanuga plantations taken up in the past. The Eucalyptus plantation has scattered survival with 723 Nos of trees and kanuga plantation with good survival but is completely of stunted growth of 1 to 2 mts. height. Extraction is not recommended as there will be not much negative impact on the existing vegetation because of submergence, and it is not economical also. If extracted, the area will be more prone for erosion. Therefore in lieu of submerged plantations it is proposed to raise 24 plantation in the degraded forest area.

The submergence area is surveyed with 21 sample plots and the enumeration is taken up for trees and also for below 30 cms girth growing stock up to FRL (510 mts). There are 6 sample plots (-) 2 mts of FRL (508 mts) and 6 sample plots for (-) 4 mts of FRL (506 mts). Inspected the sample plots 1, 11 & 12.

The submergence of forest area at

FRL (510 mts) 96.7957 Ha

FRL (508 mts) 62.49 Ha

FRL (506 mts) 48.33 Ha

SI.No	Reserve Forest	Compt	Area in Ha	Purpose	Length/ Capacity	No. of sample plots
1	2	3	4	5	6	7
1	Sreenivasapuram	246	3.7643	Package 14 distributory canal	603x40 mts	Total enumeration done
2	Vasala marri	243 & 245 1.5869 + 3.6455	5.2324	-do-	888x40 mts	-do-
3	Narsapuram	268	3.7814	Package 15 distributory canal	1759x20mts	-do-
4	Veera Reddy Palle	248	96.7957	G.Mallandha Reservoir	9.86 TMC	21

There are no rare/endangered/ unique species of flora and fauna in the area proposed for diversion. There is no protected archaeological heritage site/defense establishment or any other important monument is located in the area. The area is not part of National park, Wildlife sanctuary, Bio sphere reserve, Tiger Reserve, Elephant corridor, etc.

The area required by the user agency is unavoidable and barest minimum for the project. No work in violation of Forest Conservation Act has taken place. If the proposed forest lands diverted, the impact on the adjoining reserve forest is negligible, and rather it will have positive impact due to water availability.


8/3/17
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