

RECOMMENDATION OF THE DEPUTY DIRECTOR, PROJECT TIGER, AMBASAMUDRAM, KMTR

The Project intends to direct the surplus water from Ramanadhi reservoir to Jambunathi system of tanks through to be constructed canal from Ramanadhi Reservoir to Jambunathi River.

I have inspected the site on 02.03.2021. Project involves construction of new canal from Ramanadhi reservoir to Jambunathi river for a length of 3215 metres + 125 metres (Reach 1A and 1B) and improvement of Narayanaperi Anicut and Narayanaperi Channel Reach 2A, 2B, 2C to a length of 4880 metres (2800 + 1200 + 880 metres).

PROJECT AND ECO-SENSITIVE ZONE

The entire project site falls in Eco-Sensitive Zone of Kalakad Mundathurai Tiger Reserve (Eco-sensitive Zone of Kalakad Mundanthurai Tiger Reserve is default 10 km as the actual ESZ is yet to be notified by the Government). Reach 1A and 1B of the canal are adjoining the Tiger Reserve boundary as close as 10 metres at some places.

Reach 2A, 2B, 2C are more than 6Km away from Tiger Reserve boundary but are part of eco sensitive zone (Eco-sensitive Zone of Kalakad Mundanthurai Tiger Reserve is default 10 km as it is yet to be notified).

PROJECT AND TIGER CORRIDOR

Reach 1A and 1B - (3215 + 125 metres) of the project site is quite proximal to Tiger Reserve boundary and falls within the tiger corridor as per National Tiger Conservation Authority (NTCA) - Decision Support System (DSS) mapping available in the NTCA web portal www.ntca.org.in.

PROJECT AND USE OF EXPLOSIVES

Project reach 1A and 1B has surface and sub surface rock portions which will be requiring BLASTING using EXPLOSIVES for creation of canal as mentioned in the User agencies Project report. It is also observed that canal construction will also require use of heavy machineries during the course of execution of project.


PROJECT AND FELLING OF TREES

0-1300metres stretch of canal requires tree felling of Miscellaneous Trees Teak, Albizzia lebbeck, Palm, Neem for construction of canal.

RECOMMENDATION

The project is an ambitious project which will improve the agriculture productivity of 1639.08 Ha of culturable command area and is a long time demand of the people of the ayacut. The project will serve farmers of by recharge of 21 system tanks and 729 wells in Tenkasi and Alangulam Taluk. Considering the Greater purpose of the Project it is **Recommended for the approval of Standing Committee on National Board of wildlife subject to following conditions,**

- ❖ During the course of construction of the canal the User agency is planning use Blasting of Rocks using explosives, since few stretch of Project is abutting the sanctuary boundary as close as 10 meters in places, Use of explosives may cause disturbance to wildlife in the adjoining sanctuary area. User agency should explore the alternates for use of explosives to cut the rocks. In case of no alternates User agency should use very low intense and recent technology blasting which will in not affect the wildlife in any manner.
- ❖ Use of Heavy machineries shall be discouraged and minimal use of machineries by User agency shall be ensured considering the safety of wildlife.
- ❖ The design should be animal friendly, in case wild animals use these areas as a corridor for migration, the canal shouldn't be an impediment for its movement.
- ❖ Necessary Permission from the competent authority should be sought to fell the Trees in the project area and planting 10 times the number of trees felled should be complied as per the Supreme court guidelines.


Deputy Director/ Wildlife Warden
Project Tiger,
Ambasamudram