



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಅರಣ್ಯ ಇಲಾಖೆ



ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಗಳ ಕಚೇರಿ, ಕೆನರಾ ವೃತ್ತ, ಶಿರಸಿ - 581 402

OFFICE OF THE CONSERVATOR OF FORESTS, KANARA CIRCLE, SIRSI-581402.

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No: B2/GFL/CR-07/2021-22.

Date: 28-02-2025.

To,

The Principal Chief Conservator of Forests,
(Forest Conservation) and Nodal Officer (FCA)
Bengaluru-03

Sir,

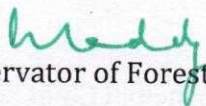
Sub: Laying of water pipeline and fancily works in forest land, in Bidoli, Amboli, Vadkal & Ulavi Villages in Joida taluk of UK District, for irrigation, drinking water & ground water recharge in favour of Executive Engineer KNNL Kalasa Project Division Khanapur Belagavi
Proposal No: FP/KA/WATER/46172/2020.

Ref: Deputy Conservator of Forests and Director Kali Tiger Reserve, Dandeli
Online proposal dated 14-02-2025.

With respect to above subject, the Deputy Conservator of Forests and Director Kali Tiger Reserve, Dandeli has submitted the online proposal as cited in given reference, for Laying of water pipeline and fancily works in forest land, in Bidoli, Amboli, Vadkal & Ulavi Villages in Joida taluk of UK District, for irrigation, drinking water & ground water recharge in favour of Executive Engineer KNNL Kalasa Project Division Khanapur Belagavi.

The proposed project is diversion of 0.555 ha forest land for augmentation of drinking water purpose. Since most of the forest land required for the project is open land and already under utilization for public highways, the impact is minimal. Since the pipeline is small (outer diameter of 16-20 cm) and it can be accommodated without disturbing the

vegetation and felling of trees. The project helps to improve water security by filling of Vyanginkeri, Veerbadreswarkeri, and Shivathirthkeri tanks in Kadagarni and Ulavi villages during the summer season. No major impact will be caused on forest and wildlife due to the project. There will not be any submergence zone within the river bed. Overall the impact of the project is minimal and can be mitigated. In addition filling of tanks helps the wildlife for sustenance of water all through the year. Hence the proposed project is recommended as indicated in the Site Inspection Report.


Conservator of Forests, 28/02/25
Kanara Circle, Sirsi.

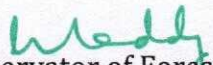
SITE INSPECTION REPORT

I along with the Deputy Conservator of Forests and Director Kali Tiger Reserve, Dandeli, Assistant Conservator of Forests, Dandeli and Anshi Sub-division, Gund and Anshi Range Forest Officer and field staff and User Agency inspected the proposed area for Laying of water pipeline & ancillary works in forest land in Bidoli, Amboli, Vadkal & Ulavi villages in Joida taluka of Uttara Kannada District for Irrigation, drinking water & groundwater recharge in favour of "Executive Engineer KNNL, Kalasa Project Division Khanapur Belagavi which was inspected by me on 16-05-2022.

The following observations were made during the site inspection:

1. As per site inspection 0.555 ha forest land is required for the project.
2. The Proposed area comes under Eco-class-1 (Very dense) and has 09 trees.
3. The proposed area is part of Anshi National Park and Dandeli Wildlife Sanctuary (Kali Tiger Reserve).
4. Protected archaeological/heritage site /Defense establishments or other important monuments are not located at the proposed site.
5. There is no violation of the Van Sanrakshan Evam Samvardhan Adhiniyam 1980, at the proposed location.
6. Kali Tiger Reserve is part of the Malenad-Mysore Tiger landscape, which extends from the Kali Tiger Reserve, in the North, to the Cauvery Wildlife Sanctuary, in the South.
7. The reserve harbours rich flora and fauna. It includes tigers, leopard including black panthers, Dholes, Indian Gaur, Spotted Deers, Slender loris, Sambars, Palm civet cat, Malabar Giant Squirrel, endemic Castle rock night frog, hornbills and diverse amphibians and reptiles. It also includes rich floristic diversity.
8. The requirement of the forest land as proposed by the user agency is unavoidable and barest minimum.

Hence after considering the above observations, I recommend for the diversion of 0.555 ha. forest land in Laying of water pipeline & ancillary works, in forest land, in Bidoli, Amboli, Vadkal & Ulavi villages in Joida taluka of Uttara Kannada District, for Irrigation, drinking water & groundwater recharge in favour of "Executive Engineer KNNL, Kalasa Project Division Khanapur Belagavi as Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and Van (Sanrakshan Evam Samvardhan) Rules, 2023.


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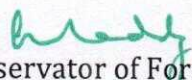
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RECOMMENDATION

A proposal has been received from Executive Engineer KNNL Kalasa Project Division Belagavi for Laying of water pipeline & ancillary works, in forest land, in Bidoli, Amboli, Vadkal & Ulavi villages in Joida taluka of Uttara Kannada District, for Irrigation, drinking water & groundwater recharge in favour of "Executive Engineer KNNL, Kalasa Project Division Khanapur Belagavi" which was inspected by me on 16-05-2022. The survey number-wise extent of forest land detailed is as under:

Sl.No.	Survey Number	Pipeline Length	Village
01	F.Sy.No. 13	0.550 mtr	Bidoli
02	F.Sy.No. 158	1.22 Km	Amboli
03	F.Sy.No. 119	1.29 Km	Amboli
04	F.Sy.No. 202	0.34 Km	Amboli
05	F.Sy.No. 137	2.00 Km	Amboli
06	F.Sy.No. 24, 26	1.5 Km	Vadakal
07	F.Sy.No. 138	0.40 Km	Amboli
08	F.Sy.No. 30/A0.,31	0.60 Km	Vadakal
09	Malki Sy. No. 19	0.07 Km	Vadakal
10	F.Sy.No. 62	0.45 Km	Ulavi
11	Sy.No. 62	0.60 Km	Ulavi
12	Malki Sy.No. 47	0.01 Km	Ulavi
13	Malki Sy.No 47	0.01 Km	Ulavi
14	F.Sy.No. 13	Jack well 20 m x 20 m,	Savanthmatkarni
15	F.Sy.No. 13	Foot bridge 15 m x 3m,	Savanthmatkarni
16	F.Sy.No. 13	Electric Component 18 m x 2 m,	Savanthmatkarni
17	F.Sy.No. 13	Pipeline Length 25m	Savanthmatkarni
18	F.Sy.No. 13	Pipeline Length 330m	Bidoli

As per the site inspection report, I recommend for diversion of 0.555 ha. forest land pertaining to Kali Tiger Reserve, Dandeli for Laying of water pipeline & ancillary works, in forest land, in Bidoli, Amboli, Vadkal & Ulavi villages in Joida taluka of Uttarkannada District, for Irrigation, drinking water & ground water recharge in favour of "Executive Engineer KNNL, Kalasa Project Division Khanapur Belagavi as Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and Van (Sanrakshan Evam Samvardhan) Rules, 2023.

 28.02.25
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IMPACT OF PROJECT

PROJECT NAME - LAYING OF WATER PIPELINE & ANCILLARY WORKS, IN FOREST LAND, IN BIDOLI, AMBOLI, VADKAL & ULAVI VILLAGES IN JOIDA TALUKA OF UTTAR KANNADA DISTRICT, FOR IRRIGATION, DRINKING WATER & GROUND WATER RECHARGE IN FAVOUR OF "EXECUTIVE ENGINEER KNNL, KALASA PROJECT DIVISION KHANAPUR BELAGAVI".

A Proposal has been received from Executive Engineer KNNL, Kalasa Project Division Khanapur Belagavi) for 0.555 ha of forest land in the Gund and Anshi wildlife range of Kali Tiger Reserve. The Proposed area comes under Eco-class-1(very dense forest) and has 09 no. of tree growth. The proposed area is part of the Wildlife Sanctuary and Anshi National Park (Kali Tiger Reserve). Protected archaeological/heritage sites/Defence establishments or other important monuments are not located at the proposed site.

IMPACT OF PROJECT:

The lasting negative impacts of the project are limited and mainly restricted to the construction phase. Since most of the Forest land required for the project (for laying of the pipeline) is open land and already under utilization for public highways, the impact is minimal. Since the pipeline is small (outer diameter of 16-20 Cm), and it can be accommodated without disturbing the vegetation and felling of trees. The project helps to improve water security by filling of Vyanginkeri, Veerbadreshwarkeri, and Shivathirthkeri tanks in Kadagarni and Ulavi villages during the summer season. No major impact will be caused on Forests and Wildlife due to the project. There will not be any submergence zone within the river bed. Overall the impact of the project is minimal and can be mitigated. The filling of tanks helps in providing water to the wildlife all through the year.


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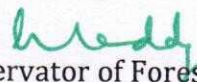
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CONSERVATION VALUE OF ANSHI NATIONAL PARK

The project site is located in Anshi National Park (ANP) with an area of 459.3023 sq.km. ANP is located in the biologically sensitive Western Ghats which is an UNESCO World Heritage site and a global biodiversity hotspot is known for its rich biodiversity and is biologically sensitive. It is located in Joida taluk of Uttara Kannada district and is a core part of Kali Tiger Reserve. It is composed of tropical evergreen, tropical semi-evergreen and moist deciduous forest types. It is home to Tiger, Leopard, Wild dog, Indian Gaur, Indian Pangolin, Great Indian Hornbill and many other charismatic species of endangered and endemic Flora and Fauna.

Major part of ANP is hilly terrain with many streams and nalas. ANP is mainly drained by two major perennial rivers Kaneri and Kali. The climate is marked by three seasons namely dry, wet and cold season. The dry season commences in February and lasts till May. The wet season starts from end of May and lasts up to end of October. The cold season starts from November and lasts up to January. The rainfall particularly during the Monsoon is heavy to very heavy. The average rainfall is between 3000-7000 mm in most of the areas of ANP.

The list of highly threatened and endemic life forms occurring in these areas includes the Black panther (melanistic leopard), King cobra, Malabar pied hornbill, Ceylon frogmouth, Wroughton's free-tailed bat (*Otomops wroughtoni*), Theobald's Bat (*Taphozous theobaldi*) etc. The other important fauna of this region includes Tiger, Common Leopard, Dhole, Jackal, Elephant, Gaur, Sambar Deer, Spotted Deer, Barking Deer, Mouse Deer, Sloth Bear, Hanuman Langur, Bonnet Macaque, Indian Giant Squirrel, Flying Squirrel, Pangolin, 272 bird species, reptiles such as Indian Gliding Lizard (*Draco dussumieri*), amphibians (29 species), butterflies, and other small cats. The largest Indian butterfly Southern Birdwing and the endemic Malabar Tree Nymph are found in good population.


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