



OFFICE OF THE DIVISIONAL FOREST OFFICER,  
RAIRAKHOL FOREST DIVISION, RAIRAKHOL.

Memo No. 2391 /Dated 08.08 -2020

To

The Regional Chief Conservator of Forests,  
Sambalpur Circle, Sambalpur.

Sub: Proposal for diversion of 2.023 ha of forest land for Water Treatment Plant (WTP) in Rairakhola Tahasil for execution of Mega Pipe Water Supply Scheme in Sambalpur district.

Ref: Proposal FP/OR/WATER/45430/2020 and State SI.No.OR-042/2020, dt.29.05.2020 received through online.

With reference to the subject cited above, I am submitting herewith the proposal for diversion of 2.023 ha of forest land for construction Water Treatment Plant (WTP) for drinking water at Kadaligarh village under Rairakhola Tahasil in five copies for onward transmission for obtaining approval of Government of India, MoEF&CC under Section-2 of Forest Conservation Act, 1980.

**1. Brief Description:**

Construction of Water Treatment Plant (WTP) by overhead reservoirs with laying of DI & HDPE at Kadaligarh village under Rairakhola Tahasil by RWSS&S Division, Sambalpur is aimed for providing the Potable Drinking Water to 62000 rural populations which covers 115 villages in 9 GPs under Rairakhola Tahasil in Sambalpur district. The main aims/objectives of the project are to supply safe drinking water to the rural areas as well as the local people of Rairakhola.

**2. Map.**

The User Agency, i.e. Executive Engineer has enclosed the following maps in the proposal.

SL No.	Particulars	Scale	Plate No.
1	Map showing three alternative route alignment showing in survey of India Top sheet No. No.F45S5 showing the Water Treatment Plant.	1: 50,000	Plate-1
2	DGPS survey map with ORSAC with vetted village sheet showing forest patch proposed for diversion.	1:4,000	Plate-2



### 3. Forest land.

The project involves 2.023 ha of forest land, the details are as follows:

Name of Division	Name of Village	Khata No.	Plot No.	Forest Area to be diverted in ha	Kissam
Rairakhol Forest Division.	Kadaligarh	124	274	2.023	Sabik kissam - Badjungle ( InHal kissam -Gochar)

### 4. Flora and Fauna.

Tree species which are commonly noticed in the proposed area are Sal (Shorea robusta), Dharua (Anogeissus latifolia), Telkurma (Ixora parviflora), Asan (Terminalia tomentosa), Kumbhi (Cereyaarborea), Mahul (Madhuka indica), Salai (Shorearobusta), Jamun (Syzygium cumini), Bheru (Chloroxylon swietenia), Sunari (Cassia fistula), Bhalia (Semecarpus anacardium) etc. The fauna noticed in the area are Wildlife like bear, spotted deer, rabbit, monkey, Sambar, Civet cat, wild boar, Mongoose, etc. are seen in the forest land proposed for diversion but their populations are thin. Birds like common doves, Cuckoo, crow, Hornbill, etc are seen. Common reptiles and lizards like, common garden lizards, different types of snakes, etc. are seen in the area. Occasional movement of wild elephants is noticed especially during crop harvest season in the localities.

### 5. Tree enumeration.

Tree enumeration has been carried out jointly with Revenue & Forest Department in the Forest land applied for diversion. Total 40 numbers of trees have been found in the area and annexed separately in the proposal. The density of vegetation of Revenue Forest Area is below 40% of Eco-Class-III. The forest types are Dry Sal-bearing Forest (5B/C<sub>1</sub>) and Northern dry mixed deciduous forest- 5B/C<sub>2</sub>.

### 6. Compensatory Afforestation:

The project is a State Sector Project. As per guideline issued by Government of India, MoEF& CC vide their letter No.F.No.11-9/98-FC dt.16.06.2011, no Compensatory Afforestation in lieu of the forest land diverted in accordance with the said general approval shall be insisted upon as Sambalpur district is coming under 60 (sixty) Left Wing Extremism affect district. As per principle, no Compensatory plantation shall be levied, only to compensate the loss of felling trees shall be imposed by Government.



## **7. Resettlement and Rehabilitation.**

The proposal does not warrant any displacement of human-being and hence, Rehabilitation & Resettlement Plan is not required.

## **8. Cost Benefit analysis.**

This project involves 2.023 ha forest land. No Cost Benefit Analysis is required as it is below the requirement as per guideline of MoEF & CC, Govt. of India dt.01.08.2017.

## **9. Environmental Clearance.**

No Environmental clearance is required for this project.

## **10. Wildlife Management Plan.**

The Water Treatment Plant (WTP) is not coming within any eco-sensitive zone, national park or sanctuary in Rairakhol Forest Division. Occasional movement of wild elephants is noticed especially during crop harvest season in the localities.

## **11. Compliance of Schedule Tribe & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006.**

Compliance of ST & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 is under progress. On receipt of the same from Collector, Sambalpur under the Act shall be furnished before Stage-I approval of the proposed diversion of 2.023ha forest land.

## **12. Deposit of NPV.**

The User Agency has given an undertaking to pay the NPV of the forest land proposed to be diverted.

## **13. Location Plan of the Water Treatment Plant (WTP).**

The Location plan has been prepared by the UA is enclosed with the proposal.

## **14. Violation.**

No violation noticed.

## **14. Others.**

- i) Site inspection report of DFO, Rairakhol Forest Division is enclosed.
- ii) Part-II is enclosed.



**15. Recommendation.**

Keeping in view of the above discussion, 2.023 ha of Forest land for construction of Water Treatment Plant (WTP) for drinking water at Kadaligarh under Rairakhol Tahasil is recommended for diversion in favour of Executive Engineer, RWS&S Division, Sambalpur for the greater interest of people of the localities.

Encl: 5 sets of proposal.

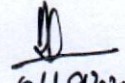
Memo N o. 2392 /Dated 01-08-2020

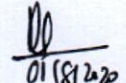
Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, O/O the PCCF& Hoff, Odisha, Bhubaneswar for favour of kind information and necessary action.

  
01/08/2020  
Divisional Forest Officer,  
Rairakhol Forest Division.

Memo N o. 2393 /Dated 01-08-2020

Copy forwarded to the Executive Engineer, RWS&S Division, Sambalpur for information and necessary action.

  
01/08/2020  
Divisional Forest Officer,  
Rairakhol Forest Division.

  
01/08/2020  
Divisional Forest Officer,  
Rairakhol Forest Division.




## BASIC INFORMATION FOR PROPOSALS UNDER FOREST CONSERVATION ACT, 1980

01. State/UT Odisha (Rairakhol Forest Division).

02. Period 1982-83 to 2020-2021

Forest area of this Division (In ha.)	Geographical area of the Division (In SQ Km)	Clearance under the Act so far		Purpose of Diversion														Compensatory Afforestation	
		Forest land diverted (In ha)	No. of proposal	Hydel	Mining	Road & Railways	Thermal Transmission Lines	Others	Stipulated	Achieved									
				Area (in ha)	No.	Area (in ha)	No.	Area (in ha)	No.	Area (in ha)	No.	Area (in ha)	No.	Non-forest land	Degraded forest land	Non-forest land	Degraded forest land		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Rairakhol	1870.67	1416.21	14	0	0	0.750	1	132.609	5	648.545	7	14.97	1	0	1631.636	0	1631.636		

  
 01/07/2020  
 Divisional Forest Officer,  
 Rairakhol Forest Division,  
 Rairakhol Division.



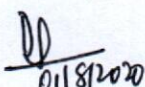
## ANNEXURES

### CHECK LIST SERIAL NUMBER: -07 STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

Sl No	Division	District	Range/Block /Village limit	Survey Compartment Number/ K.M.Stone	Forest area proposed for diversion (Ha)	Legal status of forest area	Remarks
1	2	3	4	5	6	7	8
01	Rairakhol	Sambalpur	Badbahal/ Rairakhol/ Kadaligarh	07 numbers K.M.Stone in the project area	2.023	Bad Jungle in SabikKissam.	

Date:

Place: Rairakhol

  
01/8/2020  
Divisional Forest Officer,  
Rairakhol Forest Division.  
Office seal **Divisional Forest Officer,  
Rairakhol Division.**



SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF  
(For the forest land to be diverted under FCA)

A proposal has been received by this office from Executive Engineer, RWS&S Division, Sambalpur for diversion (Under FCA-1980) of 2.023 ha forest land in Sambalpur district for non-forestry purpose. The project envisages the use of forest land for Water Treatment Plant. The site inspection of the land involved in the proposal has been done by me on 31.7.2020. On inspection of the site, it is found that the land required by the user agency is 2.023 Ha of revenue forest (Bad jungle in Sabik kissam) in Sambalpur district. The requirement of forest land as proposed by the user agency is unavoidable.

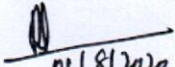
Whether any rare/endorsangered/unique species of flora and fauna found in the area, if so, the details thereof: **No rare/endorsangered/unique species of flora and fauna found in the area.**

Whether any protected archaeological/heritage site/ defence establishment or any other important monument is located in the area, If so, the details thereof with NOC from competent authority is required.

- a) The user agency has not violated the provisions of Forests (Conservation) Act, 1980 and no work has been started without proper sanction. **No Violation noticed.**
- b) It has been found that the user agency has violated the Forest (Conservation) Act, 1980 provisions. A detailed report as per para 1.9 of Chapter-I Part C of hand book of Forest (Conservation) Act, 1980 is attached. Specific recommendation for acceptance or otherwise of the proposal.  
**: Not Applicable.**

Date:

Place: Rairakhol

  
01/8/2020  
(Pradipta Kumar Sahoo, OFS)  
Divisional Forest Officer,  
Rairakhol Forest Division.  
Office seal  
Divisional Forest Officer,  
Rairakhol Division

N.B\* state the purpose for which the forest land is proposed to be diverted.

\*\* out of (a) and (b) tick (V) the option which is applicable and cross (x) the option which is not applicable.

As per letter number 2-2/2000-FC dated 16.10.2000 from Ministry of Environment & Forests, Government of India for proposal involving less than 40 ha of forest land, the site inspection report from DCF is required and for proposal involving more than 40 ha of forest land site inspection report of Conservator of Forests is required.

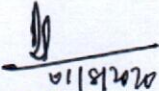


**SITE INSPECTON REPORT OF DFO, RAIRAKHOL**

1	Name of Project	Proposal for diversion of 2.023 ha of forest land for Water Treatment Plant (WTP) at Kadaligarh under Rairakholtahasil for execution of Mega Pipe Water Supply Scheme in Sambalpur district (FP/OR/WATER/45430/2020 and State Sl.No.OR-042/2020,dt.29.05.2020).
2	Name of District / Division	Sambalpur /Rairakhol Forest Division
3	Date of Inspection	<b>31.07.2020</b>
4	Name and Designation of Inspecting Officer	Sri Pradipta Kumar Sahoo, OFS (Sr. Branch), Divisional Forest Officer, Rairakhol Forest Division, Sambalpur (Odisha).
5	Name and Designation of other officers who attended the inspection including representatives of the user agency	(i) Sri Asutosh Bhadra, SDO, Rairakhol, O/oExecutive Engineer, RWS&S Division, Sambalpur. (ii) Ms.Prangya Paramita Dip, Range Officer, Badbahal
6	Legal status of forest land with area proposed for diversion	Bad Jungle (Revenue Forest) in SabikKisam      2.023 ha
7	If area required for diversion has been demarcated on the ground.	The area has been demarcated on the ground.
8	Item wise breakup of forest land proposed for diversion	The item wise break up of forest land proposed for diversion in Sambalpur district is as follows: Bad Jungle (Revenue Forest)      2.023 ha
9	Condition of vegetation and type of forest applied area	Open Rev. Forest with canopy density below 40% (eco-Class-III) having species like Tree species which are commonly noticed in the proposed area are Tree species which are commonly noticed in the proposed area are Sal (Shorea robusta), Dharua (Anogeissus latifolia), Telkurma(Ixora parviflora),Asan(Terminalia tomentosa), Kumbhi(Cereya arborea), Mahul(Madhuka indica), Salai(Boswela Serrata), Jamun (Syzygium cumini),Bheru (Chloroxylon swietenia), Sunari(Cassia fistula), Bhalia(Semecarpus anacardium) etc. The types of forest applied area is Northern Tropical Dry Deciduous Forests -Northern Dry Mixed Deciduous Forest (5B (C <sub>2</sub> ).
10	Position of Wildlife in general	Presence of wild animals is negligible.The fauna noticed in the area are Wildlife like Pati, Hanuman and Gunduchi musa, Musa, Gatamusa are seen in the forest land proposed for diversion but their population is very thin. Birds like common doves, Gunduri, Koili, Kumbhati, Haldi Basanta, Kajalpati, Kuwa, Damarakaua Chatia etc are seen. Common reptiles and lizards like Dhandasapa, Dhamanasapa Chittisapa, common garden lizards are seen in the area.Occasional movement of wild elephants is noticed especially during crop harvest season in the localities.
11	Whether the applied area is involved with any eco-sensitive area / national park / sanctuary	The applied area is not falling within any Eco-Sensitive Zone, National Park or Sanctuary.
12	No. of trees to be felled and its impact on the systems	Total 40 nos trees are standing within forest land of the proposed Water Treatment Plant. The Tree Enumeration List is enclosed in the proposal.There will be some negative impact due to felling of trees available on the proposed diversion of forest land, it can be compensated by taking Plantation from the project cost of UA.



13	Details of broken up area and reclamation done if any.	Nil
14	Position of displacement of people and adequacy of rehabilitation, if any.	No displacement of people for this project.
15	Position of rare and endangered species available of importance of area from eco-social point of view.	Occasional movement of wild elephants is noticed especially during crop harvest season in the localities.
16	Non forest land used in the project and non forest land selected for compensatory afforestation is included in the D.L.C. report or not.	Nil
17	Suitability of the identified non forest area for compensatory afforestation.	Nil
18	Violation of forest (Conservation) Act 1980 if any and action taken thereof	No violation noticed under Forest (Conservation) Act, 1980.

  
 01/01/20  
 Divisional Forest Officer  
 Rairakhol Division  
 Rairakhol Forest Division



## PART – II

(To be filled by the concerned Deputy Conservator of Forest)

Proposal No: FP/OR/WATER/45430/2020 and State Sl.No.OR-042/2020,dt.29.05.2020.

e

Sl. No	PARTICULARS	DESCRIPTION	
7.	Location of Project/ Scheme	Proposal for diversion of 2.023 ha of forest land for Water Treatment Plant (WTP) at Kadaligarh under Rairakhol Tahasil for execution of Mega Pipe Water Supply Scheme in Sambalpur district.	
i	State/ Union Territory	Odisha State.	
ii	District	Sambalpur District.	
iii	Forest Division	Rairakhol Forest Division	
iv	Area of forest land proposed for diversion in Ha	2.023 Ha of Revenue Forest.	
v	Legal Status of Forest	Bad Jungle in Sabik Kisam (Revenue Forest)	2.023 ha
vi	Density of Vegetation	Area in Ha	Density
		Revenue Forest. 2.023 ha	Below 0.40 Eco-Class-III.
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 and FRL-4 meter also to be enclosed)	As per enumeration list, total 40 nos trees are available in the proposed area for diversion. Tree species which are commonly noticed in the proposed area are Sal ( <i>Shorea robusta</i> ), Dharua ( <i>Anogeissus latifolia</i> ), Telkurma ( <i>Ixora parviflora</i> ), Asan ( <i>Terminalia tomentosa</i> ), Kumbhi ( <i>Cereya arborea</i> ), Mahul ( <i>Madhuka indica</i> ), Salai( <i>Boswellia serrata</i> ), Jamun ( <i>Syzygium cumini</i> ), Bheru ( <i>Chloroxylon swietenia</i> ), Sunari( <i>Cassia fistula</i> ), Bhalia ( <i>Semecarpus anacardium</i> ) etc. The species wise and diameter class wise enumeration list has been enclosed in the Forest Diversion proposal.	
viii	Brief note on vulnerability of the forest area to erosion.	Not vulnerable to erosion as the terrain is fairly flat.	
ix	Approximate distance of proposed site for diversion from boundary of forest.	Adjoining to the proposed Water Treatment Plant (WTP), the following forests are available from the proposed site in Rairakhol Forest Division. = 0 Km.	
x	Whether form part of National Parks, wild life Sanctuary, biosphere reserve, tiger reserve, elephant corridor etc (if so the details of the area and comments of the Chief wild Life Warden to be annexed)	Does not form part of Sambalpur Elephant Corridor/Proposed Sambalpur Elephant Corridor of elephants, wildlife sanctuary or national park or any biosphere reserve or tiger reserve in Rairakhol Forest Division. Occasional movement of wild elephants is noticed especially during crop harvesting season in the localities.	
xi	Whether any rare/endangered/unique species of flora and fauna found in the area, if so details thereof.	No rare/endangered/unique species of flora and fauna found in the proposed area of diversion.	



Sl. No.	PARTICULARS	DESCRIPTION
xii	Whether any archeological/ heritage site/ defence establishment or any other important monuments is located in the area. If so the details thereof with NOC from competent authority, if required.	No archeological/ heritage site/ defence establishment or any other important monuments is located in the area.
8	Whether the requirement of 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.	The proposal for requirement of forest land indicated by the UA in Part-I is unavoidable and barest minimum requirement for the project.
9	Whether any work in violation 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.	No violation reported.
10	Details of compensatory afforestation scheme :	As per guideline issued by Government of India, MoEF & CC vide their letter No.F.No.11-9/98-FC, dt.16.06.2011, no Compensatory Afforestation in lieu of the forest land diverted in accordance with the said general approval shall be insisted upon as Sambalpur district is coming under 60 (sixty) Left Wing Extremism affect district.
(i)	Details of non-forest area/ degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	As per guideline issued by Government of India, MoEF & CC vide their letter No.F.No.11-9/98-FC, dt.16.06.2011, no Compensatory Afforestation in lieu of the forest land diverted in accordance with the said general approval shall be insisted upon as Sambalpur district is coming under 60 (sixty) Left Wing Extremism affect district.
(ii)	Map showing non-forest area/ degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Not required.
(iii)	Detailed compensatory scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Not required.
(iv)	Total financial outlay for compensatory afforestation scheme.	Nil
(v)	Certificate from competent authority regarding suitability of area identified for compensatory afforestation and management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Nil.
11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Site Inspection Report is enclosed in the proposal.

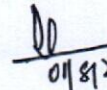


Sl. No.	PARTICULARS	DESCRIPTION		
12	Division/ District profile :	Rairakhol Forest Division / Sambalpur District		
(i)	Geographical area of the district	1870.67 Sq. Kms		
(ii)	Forest area of the Division.	1, 41,621 ha forest land or 1416.21Sq. Km		
(iii)	Total forest area diverted since 1980 with number of cases.	721.1769 ha (14 nos)		
(iv)	Total compensatory stipulated in the district/ division since 1980	<b>1631.636</b>		
	Forest land including penal compensatory afforestation ,	Sambalpur District	Other District	Total
		94.72 ha	1536.916 ha	1631.636 ha
	(a) Non-forest land	0 ha	0 ha	0 ha
(v)	Progress of compensatory afforestation as on date 29.02.2020			
	(a) Forest land (in ha)	0 Ha		
	(b) Non-forest land (in ha)	<b>1631.636 Ha</b>		
13	Specific recommendation of D.C.F. for acceptance or otherwise of the proposal with reasons.	Recommended.		

Date:

Place: Rairakhol.

Signature

  
09/02/2020

Name : Pradipta Kumar Saha

Official Seal **Divisional Forest Officer.**  
**Rairakhol Division.**