

SITE INSPECTION REPORT OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE


1.	Name of the Project		Diversion of 310.110 ha of forest land for construction of Right Main Canal and distributary etc. in Kanpur Canal System. (Proposal No. FP/OR/IRRIG/40827/2019, State Sl. No. OR-050/2019 dated 06.07.2019)
2.	Name of the District/ Division		Keonjhar District / Keonjhar Division
3.	Date of Inspection		30.12.2020
4.	Name and Designation of Inspecting Officer		Sri Bhanja Kishore Swain, IFS Regional Chief Conservator of Forests, Rourkela Circle
5.	Name and Designation of other Officers, who attended the inspection including the representative of User Agency		<p>1. Sri Swayam Mallick, IFS Divisional Forest Officer, Keonjhar Division.</p> <p>2. Sri Ghasinath Patra, R.O., Champua Range.</p> <p>3. Sri Arabinda Naik, R.O., Keonjhar Range</p> <p><u>Representative of the User Agency</u></p> <p>1. Sri Rashmi Ranjan Naik, Executive Engineer, Kanpur Irrigation Project.</p> <p>2. Sri Manaranjan Marndi, Assistant Executive Engineer, Kanpur Irrigation Project.</p>
6.	Legal Status of Forest land with area proposed for diversion		<p>The proposed diversion proposal involves Reserve Forest, Revenue Forest, Sabik Forest & DLC Forest. The details of applied forest land is produced below-</p> <p>Reserve Forest = 105.192 ha</p> <p>Revenue Forest = 103.525 ha</p> <p>Sabik Forest = 100.022 ha</p> <p><u>DLC Forest = 1.371 ha</u></p> <p>Total = 310.110 ha</p> <p>Total forest land proposed for diversion- 310.110 ha.</p>
7.	If area required for diversion has been demarcated on the ground:		Yes

8. Item wise break up of forest land proposed for diversion.

Sl. No	Purpose	Reserved Forest (ha)	Revenue Forest (ha)	Sabik Forest (ha)	DLC Forest (ha)	Total Forest Land (ha)	Total Non-forest land (ha)	Grand Total (Forest & Non-forest) (ha)
1	Main canal	47.373	40.386	36.616	0.000	124.311	1359.876	1669.986
2	Distributary Minor & S/M	57.819	63.139	63.406	1.371	185.799		
Total		105.192	103.525	100.022	1.371	310.110	1359.876	1669.986

9.	Condition of vegetation and type of forest in applied area	<p>As reported by the DFO, Keonjhar Division, the prevailing vegetation in the forest land proposed for diversion includes Sal and Sal associates. The geological formation of this area is quite suitable for growth of Sal. Sal constitutes around 70 to 75% of the top canopy & as per tree enumeration list the floral species found viz <i>Tectona grandis</i>, <i>Acacia catechu</i>, <i>Dalbergia sisoo</i>, <i>Gmelina arborea</i>, <i>Michelia champaca</i>, <i>Adina cordifolia</i>, <i>Shorea robusta</i>, <i>Mangifera indica</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Anogeissus latifolia</i>, <i>Bridelia retusa</i>, <i>Diospyros melanoxylon</i>, <i>Artocarpus integrifolia</i> & Misc Species are existing in the applied forest land.</p> <p>The canopy density of the prevailing forest growth varies from 0.2 to 0.6 & the average canopy density of the instant forest area to be diverted was found to be 0.5 as reported by the DFO, Keonjhar Division.</p>
10.	Position of Wildlife in general	<p>As reported by the DFO, Keonjhar Division, the applied Forest land in village Nayagarh, Jalpaposi, Bandhuabeda, Namira, Unchabali, Jajanga, Joroli, Dhanurjaypur, Malda, Jaribahal & Jagannathpur is dwelling habitat for Elephant, Leopard, Bear, Barking Dear, Hyena, Porcupine and etc. Wild elephants, often, visit nearest Baitarani Reserved Forest and the adjoining Forest Blocks. The proposed site falls under elephant habitat zone- 2 as per the book titled Remote Sensing Application for characterization of elephant habitat and corridor in Odisha and parts of Bihar published by ORSAC in September, 1999</p>
11.	Whether the applied area is involved with any eco sensitive Zone/ National Park/ Sanctuary	<p>As reported by the DFO, Keonjhar Division, the applied area does not include any eco-sensitive zone / National Park / Sanctuary but the area is rich in Mega fauna like Elephant.</p>
12.	Number of trees to be felled and its impact on the eco-system	<p>As reported by the DFO, Keonjhar Division, there are 59621 nos. of Sound trees and 310 nos. un-sound trees standing on the forest land over 310.11 ha and 3002 nos. sound trees and 3 nos. un-sound trees standing on non-forest land for construction of Right Main Canal and distributary etc. in Kanpur Canal System in Keonjhar Forest Division under Keonjhar district. Since large number of trees in dense forest patches will be felled, it will have adverse impact on the ecosystem. There will be disturbance of wildlife habitat especially the habitat of avifauna. The felling of trees will also accelerate soil erosion. Therefore, Soil & Moisture Conservation measures should be taken up by the project proponent in the affected areas. The species wise and diameter class wise abstract of total enumerated trees and trees required to be felled submitted by the DFO, Keonjhar Division is enclosed as Annexure12(A)/DP</p>
13.	Details of broken up area and reclamation done, if any (Mining Cases)	<p>Not Applicable.</p>

14.	Position of displacement of people and adequacy of rehabilitation ,if any	As reported by the DFO, Keonjhar Division, the project does not involve displacement of any human habitation and therefore the Re-settlement and Rehabilitation plan is not warranted.
15.	Position of rare and endangered species available or importance of area from archaeological point of view.	As reported by the DFO, Keonjhar Division, no rare or endangered species is available in the applied area for diversion, but Elephant movement is regularly noticed in the said area. There is no archaeologically important monument situated in the area.
16.	Non-Forest land used in the Project and non-forest land selected for Comp. Afforestation, if included in the DLC report or not	As reported by the DFO, Keonjhar Division, Non-forest Govt. land required for Compensatory Afforestation, in lieu of 310.11 ha of Forest Land proposed for diversion under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 321.00 ha in village Lungajhar under Banspal Tahasil of Keonjhar District in favour of Kanpur Irrigation Project vide letter No. 303/Rev dt. 24.02.2018 of Collector, Keonjhar. The copy of the allotment letter issued by Collector, Keonjhar is enclosed as Annexure-9 . Accordingly, Compensatory Afforestation scheme in ANR model @400 seedlings/ha (Bald Hill) at the prevailing wage rate @ Rs.308.00 per MD with a maintenance period of ten years thereby accommodating 1,28,400 nos. of seedlings has been prepared by the DFO, Keonjhar Division. Further, degraded forest land have been identified viz. Ukhunda RF under Champua Range over 224.675 ha for raising plantation in ANR model @400 seedlings/ha, in Raghunathpur RF over 86.280 ha & Barabanka RF over 110.749 ha both under Keonjhar Range for raising plantation in ANR model @600 seedlings/ha to accommodate 2,08,087 nos. of seedlings against the required 1,81,710 nos. of seedlings at the prevailing wage rate @Rs. 308.00 per MD with a maintenance period of ten years have been prepared by the DFO, Keonjhar Division. The Compensatory Afforestation scheme, prepared by the Divisional Forest Officer, Keonjhar Division in respect of the aforementioned Non-forest land and degraded Forest Land are enclosed herewith as Annexure-20, 20A, 20B & 20C /DP .
17.	Suitability of the identified non forest area for Compensatory Afforestation	The suitability certificate has been furnished in the CA Scheme by the DFO, Keonjhar Division.
18.	Violation of FC Act, if any, and action taken thereon	No violation of Forest (Conservation) Act, 1980 is noticed.


 Regional Chief Conservator of Forests,
 Rourkela Circle