

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

1 A proposal has been received by this office from **PIU Dugadda PMGSY Works, Pauri Garhwal** for diversion under FCA-1980) of **7.465** ha. of forest land for non-forestry purpose that include 1.050 Ha. RFL (Rajaji Tiger Reserve), 6.415 Ha. Civil Soyam Land (including 1.46 Ha. for muck disposal). The project envisages the use of forest land for construction of **Naukhal Mala km 7 to Kota Motor Road (12.05 k.m)**. The site inspection of the land involved in the proposal has been done by me on dated... **05.09.2020**

2 On inspection of the site, it is found that the land required by the user agency is a RF/PF/un-classed/Other forests measuring **7.465** ha.

3 The requirement of forest land as proposed by the user agency in Co1.2 part-1 is unavoidable and is barest minimum required for the project. **YES**

4 Whether any rare /endangered /unique species of flora and fauna found in the area. If, so the details there of :- **YES**

5 xx Whether any protected archeological /heritage site/defence establishment or any other important monument is located in the area, if, so the details thereof with NOC from competent authority, if required.- **No**

a) The user agency has not violated the provisions of forest (Conservation), Act 1980 and no work has been started without proper sanction. **Yes**

b) It has been found that the user agency has violated (Conservation), Act, and 1980 provisions. A details report as per para 1.9 of chapter 1, Para C of Hand book of forest (Conservation) Act, 1980 attached. **No**

Specific recommendation for acceptance or otherwise of the proposal.

*(Not any). राष्ट्रीय वन्यजीव बोर्ड की 56वीं बैठक में उम्त प्रस्ताव वावत वन्यजीवों की सुरक्षा दृष्टिगत चेश 56.4.2 में उल्लिखित सुझावों निर्देशों का पालन किये जाते हुए ही सुरक्षा जनहित में की जाती है।*

*(Signature)*  
*05/09/2020*

Place: **Dehradun**

Date: **05.09.2020**

Name: **उप-निदेशक**  
Designation: **राज्यीय राष्ट्रीय पार्क**  
Office: **जबलपुर, देहरादून**

N.B. x State the purpose for which the forest land is proposed to be diverted.  
xx out of(a) and (b) tick the option which is applicable and cross the option which is not applicable.

As per letter number 2-2/2000 FC datted 16-10-2000 from ministry of Environment & Forest, Government of India for proposal involving less then 40 hectares of forest land, the site inspection report from DCF is required and for proposal involving more the 40 hectares of forest land site inspection report from the conservator of forests is required.

# अधिशाली अभियंता

पी०आई०यु० दुगड्डा , जनपद- ०००० ०००००

Ref. No. : 447/PMGSY/2020/74

Date : 24 sept.2020

To,

The Nodal Office  
Indranagar forest colony  
Dehradun, UK.

**Subject:** Regarding Naudkhal mala km 7 to kota Motor road under PMGSY Proposal No. **FP/UK/ROAD/41674/2019**

**Ref No. : EDS Dated : 19 / 09 / 2020**

Dear Sir,

In reference to above mentioned letter the shortcoming has been shorted by User Agency which is given below;

The shortcoming in proposal has been rectified as follows

1. In form A part II, the SIR uploaded at the end of the DFO is incomplete, please upload the complete SIR by mentioning comments in all relevant column (by taking into account the conditions laid down by NBWL recommendation)  
Action Taken: Correction will be made by DFO in part II SIR
2. User agency has to submit the certificate of commitment that it will comply all the condition as cited in the recommendation of NBWL  
Action Taken: certificate of commitment that UA will comply all the condition as cited in the recommendation of NBWL is uploaded as additional information in part I
3. Wildlife mitigation plan if needed for some to be prepared and uploaded as additional information  
Action Taken: The NBWL has recommended the road with NTCA recommendations for project with conditions and mitigative measures. Documents regarding this concern is uploaded as additional information in part I
4. Girth wise and spices wise enumeration as mentioned in form A part II not matched with the details mentioned in the uploaded tree list; although the total number of trees in same i.e, 215  
Action Taken: Correction will be made by DFO in part II

Thanking you,

Regards,

  
PMGSY DUGADDA  
PAURI GARHWAL (UK)

PIU Dugadda PMGSY Works,  
Pauri Garhwal

CC: DCF, RTR Dehradun

# अधिशसी अभियंता

पी०आई०यु० दुगड्डा , जनपद- पौड़ी गढ़वाल

Ref. No. : 447/PMGSY/2020/73

Date :24 sept.2020

**Name of Work: Construction of Naudkhal mala km 7 to kota MR under PMGSY Works**

## **Certificate of Commitment by UA**

It is to certify that User Agency is committed to comply all the conditions which are cited in the recommendation of NBWL Letter F.no. 6-154/2019 WL Dated 21/01/2020 sub para 56.4.2 (copy enclosed)

All the mentioned conditions will be taken into consideration while construction of road.

*Shubham*  
(AE)

*joinder*  
PIU  
PMGSY DUGADDA  
PAURI GARHWAL (UK)

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Project Office: PIU- DUGADDA, PMGSY works , Near Rasta cafe Vill.aamsaur , P.O.: Dugadda

Distt. Pauri Garhwal Email: [npccdugadda@gmail.com](mailto:npccdugadda@gmail.com)

Zonal Office : 98, Nehru colony, Dehradun, Uttarakhand 248001 Email: [npccnwz@gmail.com](mailto:npccnwz@gmail.com) Tel. No. 0135-

2675725



भारत  
सत्यमेव जयते

Government of India  
Ministry of Environment, Forest and Climate Change  
(Wildlife Division)

6<sup>th</sup> Floor, Vayu Wing  
Indira Paryavaran Bhawan  
Jor Bagh Road, Aliganj  
New Delhi 110 003  
Date: 21.01.2020

F.No.6-154/2019 WL

To

All Members  
Standing Committee of NBWL

**Sub:** Minutes of 56<sup>th</sup> Meeting of the Standing Committee of National Board for Wild Life- reg.

Sir / Madam,

Kindly find enclosed copy of the Minutes of 56<sup>th</sup> Meeting of the Standing Committee of National Board for Wild Life held on 17<sup>th</sup> December 2019 through Video Conference under the chairmanship of Hon'ble Union Minister of Environment, Forest and Climate Change.

Yours faithfully,

(Dr Pasupala Ravi)  
Scientist C

**Encl:** As above

**Distribution**

- (1) Secretary, MoEF&CC
- (2) DGF&SS, MoEF&CC
- (3) ADGF(WL), MoEF&CC
- (4) ADGF(FC), MoEF&CC
- (5) Member Secretary, NTCA
- (6) Director, WII, Dehradun
- (7) Director, GEER Foundation, Gandhinagar, Gujarat
- (8) Prof. R. Sukumar, Member, NBWL
- (9) Dr. H.S. Singh, Member, NBWL
- (10) Pr. Secretary, Dept. of Envi., Forest, Science & Tech., Govt. of Andhra Pradesh
- (11) Shri Noyal Thomas, IGF & Director (PE)

**Copy to**

- (1) PS to Hon'ble MoEF&CC
- (2) PS to Hon'ble MoSEF&CC
- (3) PPS to DGF&SS, MoEF&CC
- (4) PPS to Addl.DGF(WL), PPS to IGF(WL)
- (5) CWLW Assam / CWLW Bihar / CWLW Goa / CWLW Gujarat / CWLW Jharkhand / CWLW Madhya Pradesh / CWLW Rajasthan / CWLW Telangana / CWLW Tripura / CWLW Uttarakhand

- (6) It is advised that the CWLW, Uttarakhand in consultation with the field unit and WII decide upon the exact location of this 705 m structure or may break down into smaller structure with a span of not less than 50 m at any given location.
- (7) In the last stretch of the road after Sigaddi Sot, since this portion is passing through forested area, therefore speed breakers need to be constructed at any interval of every 250 – 300 m.
- (8) No traffic should be allowed on this road in between sunset and sunrise as vehicular traffic at night (when animal movements are high) might cause collisions and wildlife mortality.
- (9) No construction work should be permitted within forest at night. Labour camps should be established at least 1.0 km away from the forest. Local Forest Range Officer should monitor and ensure that no labour gets involved in extraction of forest products.
- (10) The materials for road work (including the top soil) should be procured from outside the forest area. The user agency should not use any fire hazardous materials, heavy machinery, etc., during the road work.
- (11) The Chief Wildlife Warden, Uttarakhand State should constitute a Monitoring Committee comprising of the members from NTCA, Uttarakhand Forest Department, user agency to oversee the compliance of the conditions recommended herein and submit a report to NTCA during and after completion of the construction work.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (c) Permission for starting the work on the project shall be granted by the State Government only when road design is modified as per animal passage plan prepared by the project proponent in consultation with the State Chief Wildlife Warden on the basis of WII guidelines named *Eco-friendly Measures to Mitigate Impacts on Linear Infrastructures on Wildlife*.
- (d) Human - wildlife conflict mitigation plan providing for regular manual patrolling of the stretch will be prepared and implemented by the State Forest Department at the project cost.
- (e) The project proponent will comply with all the conditions imposed by the State Chief Wildlife Warden and the NTCA.
- (f) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Govt. of India.

#### **56.4.2 Proposal for construction of Naudkhal Mala 7.0 km to Kota motor road, Stage-I under PMGSY, Uttarakhand State**

The IGF(WL) briefed the Standing Committee and stated that the proposal is for use of 7.465 ha of reserve forestland from Rajaji National Park for construction of Naudkhal Mala 7.0 km to Kota motor road. He stated that the State Chief Wildlife Warden has recommended the proposal without imposing conditions.

Further the IGF(WL) stated that the State Board for Wild Life has recommended the proposal in its meeting held on 31/08/2019.

The NTCA has recommended the project with following conditions and mitigative measures

- (i) The width of the road within the stretch of Rajaji Tiger Reserve (buffer area) should be 5m including carriage-way and paved shoulders since it is a village road for providing connectivity to the villagers for transport of their agriculture produce, marketing etc.
- (ii) Legal status of the road passing through the Forestland shall remain unchanged.
- (iii) No existing drainage system should be disrupted by the user agency for constructing the road.
- (iv) Construction work should be during daytime and no night camp of labours and contractor/user agency officials inside or within 2 km of forestland should be allowed. User agency should also monitor that no labor gets involved in extraction of forest products. Local RFO and forest staff should pay regular and sudden visits to the construction sites for monitoring these activities.
- (v) The materials for road works (including the top soil) should be procured from outside the forest areas. The user agency should not use any fire hazardous materials, machinery, polythene bags etc. during the road work. There will be no felling of trees and burning of fuel wood inside the tiger reserve area.
- (vi) Once the road is constructed, traffic volume will inevitably increase and may cause wildlife mortality. Therefore, the user agency should put speed breakers and/or rumble strips at an interval of every 400-500 meters along the entire stretch of the road. Exact placement of these structures should be on those areas where wildlife crossings are maximum and should be decided after consulting the tiger reserve management. No blasting will be carried out within 1 km from the boundary of Protected Area during the work.
- (vii) Vehicular movement at nights and plying of heavy commercial vehicles shall not be permitted by the tiger reserve management, except on emergencies.
- (viii) Signage and caution boards should be placed at regular intervals for spreading awareness messages.
- (ix) User agency should construct animal passage culverts with a dimension of least 5m height from the ground level of adjoining forest areas and 40-50 m width with a minimum openness ratio of 1.2, as recommended by the NTCA-WII guidelines for allowing species like tigers to cross the road without much hindrance. User Agency should carry out a fresh survey with the tiger reserve management to ascertain the placement to these structures and shall try to ensure that at least 20% of the total road length should be under these structures.
- (x) For use of the forest land the user agency will obtain permission/approval under Forest Conservation Act, 1980 from the competent authority before start of project work as per the Hon'ble Supreme Court order dated 28.03.2008 and 3/2007-FC dated 05.02.2009. Trees which need to be cut should be marked on ground before the construction works start and local forest officials should strictly monitor cutting/felling of these trees.

- (xi) The Chief Wildlife Warden, Uttarakhand should set up a monitoring committee with representatives of Rajaji Tiger Reserve, User Agency and this Authority to oversee effective implementation of the suggested mitigation measures suggested as above.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (a) Permission for starting the work on the project shall be granted by the State Government only when road design is modified as per animal passage plan prepared by the project proponent in consultation with the State Chief Wildlife Warden on the basis of WII guidelines named *Eco-friendly Measures to Mitigate Impacts on Linear Infrastructures on Wildlife*.
- (b) Human - wildlife conflict mitigation plan providing for regular manual patrolling of the stretch will be prepared and implemented by the State Forest Department at the project cost.
- (c) The project proponent will comply with all the conditions imposed by the NTCA.
- (d) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Govt. of India.

#### **56.4.3 Proposal for construction of 200 m double lane RCC bridge on Been river at Gagabhogpur for all weather connectivity, Uttarakhand**

The proposal for use of 0.51 ha of forestland from Rajaji National Park for construction of 200 m double lane RCC bridge on Been river at Gagabhogpur for all weather connectivity was received from the State Government of Uttarakhand, and was circulated amongst the Members of the Standing Committee on 20/12/2019 for the appraisal. The State Chief Wildlife Warden has recommended the proposal with following conditions.

- (1) This bridge connects the Chilla side to the Rishikesh on the existing road. However during night time traffic should be regulated. This road should be used for the bonafied purpose of the local villagers only. In emergency situation only this should be open after seeking permission from Director / CWLW.
- (2) Camera should be placed in the proposed bridges for monitoring the wildlife movement as well as unauthorized entry of people in to the park area at the cost of user agency.
- (3) Regular patrolling should be done on this road, particularly during night time and the expenditure incurred should bear by the user agency.

The State Board for Wild Life has recommended the proposal in its meeting held on 31/08/2019.

The NTCA has recommended the project with following conditions and mitigative measures.

# अधिशसी अभियंता

पी०आई०यु० दुगड्डा , जनपद- ०००० ०००००

Ref. No. : 447/PMGSY/2020/72

Date : 24 sept.2020

## Name of Work: Construction of Naudkhal mala km 7 to kota MR under PMGSY Works

In NBWL Clearance the NTCA has recommended the project Construction of Naudkhal mala km 7 to kota MR under PMGSY Works with the certain condition and the mitigative measures. All those measures will be taken into consideration and the construction will be done implementing all the mentioned mitigated measures (copy enclosed).

The user agency will construct speedbreakers,rumble strips,signage and caution boards,animal passage culverts etc as mentioned in mitigative measures and for any other mitigative measures UA will provide fund to forest department as per there need and demands to follow mitigative measures.

Thanking you

*Shubham*  
(AE)

*joinder*  
PIU  
PMGSY DUGADDA  
PAURI GARHWAL (UK)



Further the IGF(WL) stated that the State Board for Wild Life has recommended the proposal in its meeting held on 31/08/2019.

The NTCA has recommended the project with following conditions and mitigative measures

- (i) The width of the road within the stretch of Rajaji Tiger Reserve (buffer area) should be 5m including carriage-way and paved shoulders since it is a village road for providing connectivity to the villagers for transport of their agriculture produce, marketing etc.
- (ii) Legal status of the road passing through the Forestland shall remain unchanged.
- (iii) No existing drainage system should be disrupted by the user agency for constructing the road.
- (iv) Construction work should be during daytime and no night camp of labours and contractor/user agency officials inside or within 2 km of forestland should be allowed. User agency should also monitor that no labor gets involved in extraction of forest products. Local RFO and forest staff should pay regular and sudden visits to the construction sites for monitoring these activities.
- (v) The materials for road works (including the top soil) should be procured from outside the forest areas. The user agency should not use any fire hazardous materials, machinery, polythene bags etc. during the rod work. There will be no felling of trees and burning of fuel wood inside the tiger reserve area.
- (vi) Once the road is constructed, traffic volume will inevitably increase and may cause wildlife mortality. Therefore, the user agency should put speed breakers and/or rumble strips at an interval of every 400-500 meters along the entire stretch of the road. Exact placement of these structures should be on those areas where wildlife crossings are maximum and should be decided after consulting the tiger reserve management. No blasting will be carried out within 1 km from the boundary of Protected Area during the work.
- (vii) Vehicular movement at nights and plying of heavy commercial vehicles shall not be permitted by the tiger reserve management, except on emergencies.
- (viii) Signage and caution boards should be placed at regular intervals for spreading awareness messages.
- (ix) User agency should construct animal passage culverts with a dimension of least 5m height from the ground level of adjoining forest areas and 40-50 m width with a minimum openness ratio of 1.2, as recommended by the NTCA-WII guidelines for allowing species like tigers to cross the road without much hindrance. User Agency should carry out a fresh survey with the tiger reserve management to ascertain the placement to these structures and shall try to ensure that at least 20% of the total road length should be under these structures.
- (x) For use of the forest land the user agency will obtain permission/approval under Forest Conservation Act, 1980 from the competent authority before start of project work as per the Hon'ble Supreme Court order dated 28.03.2008 and 3/2007-FC dated 05.02.2009. Trees which need to be cut should be marked on ground before the construction works start and local forest officials should strictly monitor cutting/felling of these trees.

- (xi) The Chief Wildlife Warden, Uttarakhand should set up a monitoring committee with representatives of Rajaji Tiger Reserve, User Agency and this Authority to oversee effective implementation of the suggested mitigation measures suggested as above.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (a) Permission for starting the work on the project shall be granted by the State Government only when road design is modified as per animal passage plan prepared by the project proponent in consultation with the State Chief Wildlife Warden on the basis of WII guidelines named *Eco-friendly Measures to Mitigate Impacts on Linear Infrastructures on Wildlife*.
- (b) Human - wildlife conflict mitigation plan providing for regular manual patrolling of the stretch will be prepared and implemented by the State Forest Department at the project cost.
- (c) The project proponent will comply with all the conditions imposed by the NTCA.
- (d) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Govt. of India.

  
PMCHDUS  
MOURI GARNHWAL (UK)

परियोजना का नाम-जनपद-पौड़ी के अन्तर्गत नौड़खाल नाला से कोटा मोटर मार्ग 12.00किमी० में भूमिवार प्रभावित होने वाले वृक्षों का विवरण:-

Details of tree affected in civil land (Species-wise Local/ Scientific names, Diametre in cm )

S. No.	Scientific Name	Local Name	0-10	Oct-20	20-30	30-40	40-50	Above 50	Total
			(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.	
1	Shorea robusta	Sal	2	4	5	4	5	0	20
2	Terminalia tomentosa	sain	1	3	4	6	7	1	22
3	Toon ciliata	tun	4	6	3	10	4	2	29
4	Bombox	semal	5	3	4	4	2	2	20
5	Acacia catechu	khair	2	5	3	4	3	2	19
6	Anogeissus latifolia	Bakli	3	5	4	6	5	1	24
7	Adina cordifolia	Haldu	2	6	4	4	3	4	23
8	Garuga pinnata	Kharpal	1	3	4	2	3	1	14
9	Misc. Species	Kokat	2	5	7	3	4	3	24
<b>Sub Total</b>			<b>22</b>	<b>40</b>	<b>38</b>	<b>43</b>	<b>36</b>	<b>16</b>	<b>195</b>

Details of tree affected in Reserve Forest land (Species-wise Local/ Scientific names, Diametre in cm )

S. No.	Scientific Name	Local Name	0-10	Oct-20	20-30	30-40	40-50	Above 50	Total
			(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.	
1	Shorea robusta	Sal	0	0	0	6	4	0	10
2	Mallotus philippensis	Rohini	0	0	0	2	0	0	2
3	Mudhuca longifolia	Mahuwa	0	0	2	0	0	0	2
4	Adina cordifolia	Haldu	0	1	0	0	1	0	2
5	Anogeissus latifolia	Bakli	0	0	0	3	1	0	4
<b>Sub Total</b>			<b>0</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>0</b>	<b>20</b>
<b>Grand Total</b>			<b>22</b>	<b>41</b>	<b>40</b>	<b>54</b>	<b>42</b>	<b>16</b>	<b>215</b>

उप-निदेशक  
राजाजी राष्ट्रीय पार्क  
अन्तर्गत, देहरादून