

PART-II

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

State Serial No. of proposal : UK-0198/2019

1. Location of the project/Scheme : Uttarakhand

(i)

State / Union Territory : Uttarakhand

(ii)

District : Dehradun, Tehri Garhwal

(iii)

Forest Division : Dehradun, Mussoorie

(iv)

Area of forest land proposed for diversion (in ha.) : 127.6712

(v)

Category : Drinking Water**2. Legal status of forest land proposed for diversion :**

S. No.	Division	Forest Land(ha.)	Legal Status
1	Mussoorie	2.813	Revenue Forest
2	Dehradun	34.6034	Reserved Forest
3	Mussoorie	51.0319	Reserved Forest
4	Mussoorie	11.2018	Civil Soyam land

Division 1. : Dehradun

3. District wise area to be diverted in the division :

S. No.	District	Area(in ha.)
	NIL	

4. Details of Vegetation available in the forest land proposed for diversion :

(i)

Density of vegetation

S. No.	Area(in ha.)	Density	Eco-Class
1	34.6034	0.4	Eco 5

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Lannea grandis	Jheengan	0	6	5	3	0	0
2	Toona ciliata	Tun	0	42	35	23	6	28
3	Bombax Ceiba	semal	0	13	5	0	4	7
4	Syzigium Jambous	Jamun	0	5	7	5	0	0
5	Others	Asna	0	0	2	0	0	1

6	Shorea Robusta	Sal	0	21	18	7	15	14
7	Adina cordifolia	Haldu	0	1	0	0	0	0
8	Others	Amla	0	5	5	0	0	0
9	Others	Khair	0	3	7	4	0	0
10	Others	Gutel	0	1	1	0	0	0
11	Dalburgia Sisoo	Shisam	0	6	2	1	0	0
12	Others	Kokat	0	740	445	142	39	27

5. Working plan prescription for the forest land proposed for diversion :

Kothi Ghursal Compartment -1 O.R. 9/Ci/DSI, 12/Ci/DS2 Cons. & Imp. Kothi Ghursal Compartment -1 O.R. 9/Ci/DSI, 12/Ci/DS3 Cons. & Imp. Malkot-7 N.R. 5b/c2 Cons. & Imp. Malkot-8 N.R. 5b/c2 Cons. & Imp. Patharkhan-1 O.R. 9/Ci/DSI, 9/CIB Cons. & Imp. Patharkhan-2 O.R. 12/Cia, 9/Ci/DSI Cons. & Imp. Malkot-7 N.R. 5b/c2 Cons. & Imp. Malkot-8 N.R. 5b/c2 Cons. & Imp. Pled-1 O.R. 5b/C2, 9/Ci/DSI Cons. & Imp.

6. Brief note on vulnerability of the forest area to erosion :

The concerned area is hilly terrain, hence, in view of erosion the detail cat plan have annexed by user agency to carried out various activities

7. Approximate distance of the proposed site for diversion from boundary of forest (in km.) : 12

8. Significance of the forest land proposed for diversion from wildlife point of view :

- | | |
|--------|--|
| (i). | Details of wildlife present in and around the forest land proposed for diversion : Leopard, barking deer, cheetal, wild-boar, monkey & langoor etc. |
| (ii). | Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. : No |
| (iii). | Whether the forest land proposed for diversion is located within eco-sensitive zone(ESZ) of the Protected Area notified under Wildlife(Protection) Act, 1972 (Note: In case, ESZ of a Protected Area is not notified, then, 10kms distance from boundary of the Protected Area should be treated as ESZ): No |
| (iv). | Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion : No |
| (v). | Whether any rare/endangered/unique species of flora and fauna found in the area : No |

9.

Details of any protected archaeological/heritage site/defence establishment or any other important monument located in the area, if any :

- (i). Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area : No

10. Comment as to the reasonability of the extent of the forest land proposed for diversion :

- (i). Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project : Yes

11. Details of violation(s), if any, committed :

- (i). Whether any work in violation of the Act or guidelines issued under the Act has been carried out : No

12. Whether work in violation is still in progres(Yes/No) : No Data

13. Details of compensatory afforestation scheme :

(i).

Patch wise details of non-forest or Revenue forest land to be provided by User Agency for CA

Patch Wise Details					
S.no	District Name	Village	Area(in ha.)	khasra	Present Owner file
1	Tehri Garhwal	Bhootgaon	79	01, 02	
2	Tehri Garhwal	Bhootgaon	48.6	185	
3	Tehri Garhwal	Khaskoti	18.5	99, 184, 186	
4	Tehri Garhwal	Khashounshi	8.76	47, 54, 199, 206	
5	Tehri Garhwal	Sanaw	27.3	1535, 1873, 1993, 2011	
6	Tehri Garhwal	Mogi	24.3	54, 56, 247, 248, 293, 1084, 1085	
7	Tehri Garhwal	Tingari Chack	29	07, 134	
8	Tehri Garhwal	Jaidwar talla	20.54	1783	

(ii).

Upload a scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station: 

(iii).

Upload a copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A: 

Additional information Details :

S. No.	Documents	Remarks
1		NPV
2		Toposheet
3		Bar Chart
4		Geo-Reference Map

Division 2. : Mussoorie

3. District wise area to be diverted in the division :

S. No.	District	Area(ha.)
✓ 1	Dehradun	16.043
✓ 2	Tehri Garhwal	49.0037

4. Details of Vegetation available in the forest land proposed for diversion :

(i)

Density of vegetation

S. No.	Area(in ha.)	Density	Eco-Class
1	65.0467	0.4	Eco 5

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Others	Agrokarpus	0	0	1	3	1	2
2	Others	Dhai (Kukat)	0	7	1	0	0	0
3	Others	Dhawara(Kukat)	14	161	100	45	16	7
4	Others	Ruheis (Kukat)	0	3	0	0	2	0
5	Acacia Catechu	Kair	9	258	196	51	11	3
6	Others	Jhingan	0	29	6	4	1	0
7	Others	Jhau (Kukat)	0	1	0	0	0	0
8	Others	Thatiera (Kukat)	4	10	15	1	0	1
9	Others	Bakali (Kukat)	1	25	3	3	0	1
10	Terminalia bellerica	Bahera	0	4	1	0	2	0
11	Others	Kathala (Kukat)	0	0	1	0	0	0
12	Others	Amara (Kukat)	1	20	13	11	7	17
13	Others	Kango (Kukat)	7	24	9	0	0	0
14	Others	Kakara (Kukat)	0	25	10	5	4	3
15	Others	Karai (Kukat)	0	1	2	0	0	0
16	Others	Kumria (Kukat)	1	10	3	0	0	0
17	Others	Kuri Lantana camara (Kukat)	13	9	2	0	0	0
18	Others	Kairola (Kukat)	0	7	38	21	2	2
19	Madhuca indica	Mahuwa	0	6	1	0	0	0
20	Erythrina Indica	Madara	2	8	6	1	0	0
21	Others	Maig (Kukat)	0	1	0	0	0	0
22	Others	Maida lakari (Kukat)	0	3	0	0	0	0
23	Others	Mandara (Kukat)	0	12	14	3	1	0
24	Misc. Species	Sisaru	0	10	3	0	0	0
25	Ficus roxburghii	Timala	0	4	4	0	0	0
26	Adina cordifolia	Haldu	1	0	1	0	0	0
27	Grewia optova	Bhimal	27	187	18	1	0	0
28	Others	Papari	2	13	6	0	0	3
29	Others	Roheni	37	437	29	0	0	0
30	Dalbergia sissoo	Shisam	0	13	5	2	0	0
31	Others	Espress (Kukat)	0	0	0	0	1	0
32	Others	Sandan	1	17	14	6	1	6
33	Others	Surai	0	0	0	1	0	0
34	Bombax Ceiba	Samal	4	39	30	27	5	18
35	Others	Udala	12	167	81	13	3	2
36	Others	Daikani (Kukat)	0	8	5	0	0	0

37	Others	Chhirwa (Kukat)	0	2	1	0	0	0
38	Others	Chairana (Kukat)	21	272	148	24	8	10
39	Others	Farsu (Kukat)	3	0	0	0	0	0
40	Others	Fulo (Kukat)	0	36	27	6	0	1
41	Toona ciliata	Toon	2	152	73	12	7	12
42	Others	Tilfara	32	57	14	4	0	0
43	Syzgium Cumini	Jamun	3	17	9	0	1	1
44	Others	Narha (Kukat)	4	44	3	1	0	0
45	Others	Anwala	1	34	12	2	0	0
46	Terminalia Tomentosa	Aasana	3	28	24	9	2	5
47	Others	Gamari (Kukat)	0	0	1	0	0	0
48	Others	Gobha (Kukat)	0	13	4	0	1	0
49	Others	Gunta(Kukat)	10	26	12	2	5	0
50	Boehmeria rugulosa	Gethi	7	172	134	21	3	3
51	Others	Gaiwala (Kukat)	0	2	0	0	0	0
52	Others	Gald (Kukat)	0	7	1	0	0	1
53	Others	Laiduwa	21	325	143	32	4	3
54	Others	Gutail / Guriyal (Kukat)	0	1	0	0	0	0
55	Pyrus pashia	Mehal	0	0	1	0	0	0
56	Others	Salu (Kukat)	0	0	1	0	0	0
57	Psidium Guajava	Amrud	0	2	0	0	0	0
58	Others	Lesara (Kukat)	0	1	0	0	0	0
59	Others	Bakara	0	12	0	0	0	0
60	Eucalyptus	Ukeliptus	0	1	0	0	0	0
61	Ficus rumphil	Pilkhan	0	1	0	0	0	0
62	Others	Kabara	0	2	1	1	1	1
63	Others	Kadau (Kukat)	0	1	0	0	0	0
64	Others	Singar (Kukat)	1	0	0	0	0	0
65	Others	Pinna (Kukat)	7	106	36	8	0	2
66	Shorea Robusta	Sal	1	9	3	1	1	0
67	Others	Gojulu (Kukat)	0	1	0	0	0	0
68	Ficus benghalensis	Bargad	0	1	0	0	0	0
69	Others	Amaru (Kukat)	0	1	0	0	0	0
70	Others	Chhara (Kukat)	0	1	0	0	0	0
71	Others	Marchuliya (Kukat)	2	10	1	0	0	0
72	Pinus roxburghii	Chir	1	1	0	0	0	1
73	Others	Chanchri (Kukat)	1	0	0	0	0	0
74	Others	Gadbijora (Kukat)	0	1	0	0	0	0
75	Others	Kangara (Kukat)	0	1	0	0	0	0
76	Others	Birmahwa	1	1	0	0	0	0
77	Dalbergia sissoo	Shisam	0	43	21	3	0	0

78	Others	Charna (Kukat)	0	1	0	0	0	0	0
79	Acacia Catechu	Kair	4	73	71	10	2	1	0
80	Bombax Ceiba	Samal	0	1	2	4	1	3	0
81	Others	Thataria (Kukat)	0	5	5	0	0	0	0
82	Others	Sandan	0	1	0	0	0	0	0
83	Grewia optova	Bhimal	3	11	1	0	0	0	0
84	Erythrina Indica	Madara(Kukat)	0	0	0	1	1	0	0
85	Tectona Grandis	Sagon	0	1	0	0	0	0	0
86	Others	Guthail (Kukat)	0	1	0	0	0	0	0
87	Others	Kumaria (Kukat)	0	1	0	0	0	0	0
88	Eucalyptus	Ukliptus	0	0	1	0	0	0	0
89	Ficus rumphil	Pilkhan	0	1	0	0	0	0	0
90	Others	Ethola (Kukat)	3	6	0	0	0	0	0
91	Others	Farsoo	1	0	0	0	0	0	0
92	Acacia Catechu	Kair	0	2	2	0	0	0	0
93	Others	Kango (Kukat)	0	1	0	0	0	0	0
94	Others	Pinna (Kukat)	0	1	0	0	0	0	0
95	Others	Sisaru (Kukat)	0	1	0	0	0	0	0
96	Adena Cardifolia	Haldu	0	0	1	0	0	0	0
97	Others	Roheni	0	1	0	0	0	0	0
98	Bombax Ceiba	Samal	0	1	5	0	1	0	0
99	Others	Cherana (Kukat)	0	1	0	0	0	0	0
100	Tooni Cedrela	Toon	0	1	1	0	0	2	0
101	Others	Tilfara	0	1	0	0	0	0	0
102	Terminalia Tomentosa	Asana	0	3	1	0	0	0	0
103	Others	Laidwa (Kukat)	0	1	1	0	0	0	0
104	Acacia Catechu	Kair	3	21	1	3	3	1	0
105	Others	Kairola (Kukat)	1	4	0	0	0	0	0
106	Others	Kumria (Kukat)	0	1	0	0	0	0	0
107	Grewia optova	Bhimal	1	3	0	0	0	0	0
108	Dalbergia sissoo	Shisam	0	3	0	1	0	0	0
109	Adina cordifolia	Haldu	0	0	0	0	0	1	0
110	Bombax Ceiba	Semal	1	3	1	0	0	0	0
111	Terminalia Tomentosa	Asana	0	1	0	0	0	0	0
112	Dalbergia sissoo	Shisam	7	132	80	1	0	0	0
113	Acacia Catechu	Kair	9	95	41	4	2	2	0
114	Bombax Ceiba	Semal	0	10	6	4	2	3	0
115	Others	Thataria (Kukat)	1	34	17	1	0	0	0
116	Grewia optova	Bhimal	8	30	0	0	0	0	0

117	Others	Ethola (Kukat)	2	10	0	0	0	0	0
118	Others	Gutail / Guriyal (Kukat)	3	6	0	0	0	0	0
119	Others	Kumeria (Kukat)	0	3	0	0	0	0	0
120	Psidium Guajava	Amrud	1	0	0	0	0	0	0
121	Others	Kachnar	2	1	0	0	0	0	0
122	Tectona Grandis	Sagon	0	2	0	2	0	0	0
123	Others	Dhawara (Kukat)	0	1	0	0	0	0	0
124	Others	That	0	0	0	1	0	0	0
125	Others	Bakara(Kukat)	1	1	0	0	0	0	0
126	Others	Kurmureia (Kukat)	0	1	0	0	0	0	0
127	Others	Jhegan	0	0	1	0	0	0	0
128	Adina cordifolia	Haldu	0	1	0	0	0	0	0
129	Others	Papari	0	1	0	0	0	0	0
130	Others	Cherna (Kukat)	1	3	7	2	0	0	0
131	Others	Tilfara	1	0	2	0	0	0	0
132	Others	Roheni	1	4	1	0	0	0	0
133	Others	Sadan	0	0	0	1	1	1	1
134	Others	Madara	0	1	2	3	0	0	0
135	Others	Gaunta(Kukat)	0	1	0	0	0	0	0
136	Others	Kuri (Kukat)	0	2	1	0	0	0	0
137	Others	Kairola (Kukat)	0	3	1	0	0	0	0
138	Others	Dekani (Kukat)	0	2	0	0	0	0	0
139	Others	Gobha (Kukat)	0	1	0	0	0	0	0
140	Shorea Robusta	Sal	2	2	0	0	0	0	0
141	Syzigium Cumini	Jamun	0	1	0	0	0	0	0
142	Others	Laidwa (Kukat)	0	2	2	0	0	0	0
143	Others	Amadu (Kukat)	0	0	1	0	0	0	0
144	Others	Kairola (Kukat)	0	3	0	0	0	0	0
145	Others	Ukleptus	0	0	0	2	0	1	1
146	Terminalia bellerica	Bahera	1	1	4	0	0	0	0
147	Others	Udala (Kukat)	1	0	0	0	0	0	0
148	Others	Jheu (Kukat)	0	1	0	0	0	0	0
149	Others	Amada (Kukat)	0	0	0	1	0	0	0

5. Working plan prescription for the forest land proposed for diversion :

Kund compartment no.-7, 5c, Ringalgarh compartment no.-7, 1, Dwara compartment no.-7, 6, 2 lies in (conservation) Protection working circle & Bandal compartment no.-1 lies in (conservation) cons-cum-imp working circle .

6. Brief note on vulnerability of the forest area to erosion :

The report of Executive Engineer, Investigation & Planning Division Dehradun. is attached in proposal prapatra 33 page No. 278 to 289. The proposed forest land is not vulnerable to

7. Approximate distance of the proposed site for diversion from boundary of forest(in km.) : 0

8. Significance of the forest land proposed for diversion from wildlife point of view :

Details of wildlife present in and around the forest land proposed for diversion :

(i). Nemorhaedus goral, Panthera pardus, Muntiacus muntjak, Mucaca mulata, selenarctors, suscrofa cristatus, Himalayan black bear,Musk deer, Barking deer etc.

(ii). Whether forms part of national park, wildlife sanctuary, biosphere reserve,tiger reserve, elephant corridor, wildlife migration corridor etc. : No

(iii). Whether the forest land proposed for diversion is located within eco-sensitive zone(ESZ) of the Protected Area notified under Wildlife(Protection) Act,1972 (Note: In case, ESZ of a Protected Area is not notified,then,10kms distance from boundary of the Protected Area should be treated as ESZ): No

(iv). Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion : No

(v). Whether any rare/endangered/unique species of flora and fauna found in the area : No

9.

Details of any protected archaeological/heritage site/defence establishment or any other important monument located in the area, if any :

(i). Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area : No

10. Comment as to the reasonability of the extent of the forest land proposed for diversion :

(i). Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project : Yes

11. Details of violation(s), if any ,committed :

(i). Whether any work in violation of the Act or guidelines issued under the Act has been carried out : No

12. Whether work in violation is still in progres(Yes/No) : No Data

13. Details of compensatory afforestation scheme :

(i).

Patch wise details of non-forest or Revenue forest land to be provided by User Agency for CA

Patch Wise Details						
S.no	District Name	Village	Area(in ha.)	khasra	KML file	Present Owner file
1	Tehri Garhwal	Bhootgaon	79	01, 02		
2	Tehri Garhwal	Bhootgaon	48.6	185		
3	Tehri Garhwal	Khaskoti	18.5	99, 184, 186		
4	Tehri Garhwal	Khashounshi	8.76	47, 54, 199, 206		
5	Tehri Garhwal	Sanaw	27.3	1535, 1873, 1993, 2011		
6	Tehri Garhwal	Mogi	24.3	54, 56, 247, 248, 293, 1084, 1085		
7	Tehri Garhwal	Tingari Chack	29	07, 134		

8	Tehri Garhwal	Jaidwar talla	20.54	1783	
---	---------------	---------------	-------	------	--

(ii).

Upload a scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station:

(iii).

Upload a copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A:

Additional information Details :

S. No.	Documents	Remarks
1		C A Estimate song dam
2		Topo map CA area
3		EDS Reply by User Agency
4		Tree List Song Dam Project
5		Upyogeta Parman patra with incloser
6		Topo sheet of Project area
7		Geo refrance map of Project area
8		Geo refrance map of CA area
9		Cost benifit
10		Land Sadhule Song Dam Project
11		NPV Certificate Song Dam Project
12		Part-II Song Dam Project (Revised)
13		Tree List Song Dam Project
14		Upyogeta Parman patra with incloser

14. District Profile :

S.no	District Name	Geographical area of the district (in ha.)	Forest area of the district (in ha.)	Total forest area diverted since 1980 (in ha.)	No. of Approved Cases	Forest Land including penal C.A. (in ha.)	Progress of compensatory afforestation as on(date)	A) Forest land (in ha.)	B) Non-forest land (in ha.)
1	Tehri Garhwal	442100	405890	986.0073	98	236.9612	31/07/2019	213.75	0
2	Dehradun	308800	211691	21426.29	503	6632.55	13/12/2019	4764.8022	868.521

15.

Site inspection report of the DFO/CCF/Nodal Officer highlighting important facts pertaining to the forest land :

Division Name	Circle	Site inspected By	Whether site inspected	No. of times site visited	Site inspection report	Date of visit
---------------	--------	-------------------	------------------------	---------------------------	------------------------	---------------

Dehradun	Shivalik	DFO	Yes	One		27/11/2019
Mussoorie	Yamuna	DFO	Yes	One		23/12/2019
	Shivalik	CF	No		No Data	
	Yamuna	CF	Yes	One		22/01/2020

(Specific recommendation of the DFO/CCF/Nodal Officer with (Part II, III & Part IV))

16.

Specific recommendation of the DFO/CCF/Nodal Officer for acceptance or otherwise of the proposal with reason :

Division	Circle	Recommendation By	Recommendation	Reason	Letter	Whether CF agreed
Dehradun	Shivalik	DFO	Recommended	Recommended in public interest.		
Mussoorie	Yamuna	DFO	Recommended	The project for construction of 19 lakh more population in dist Dehraun for drinking water supply next year 2053.		
	Shivalik	CF	Recommended			Yes
	Yamuna	CF	Recommended	Proposal is recommended for sanction in public interest.		Yes

Print page

X. Naveen
प्रभागीय वनाधिकारी
मसुरी वन विभाग, मसुरी