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एकीकृत क्षेत्रीय कार्यालय
Integrated Regional Office
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest and Climate Change
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पत्र सं 14-3/आई.आर.ओ./ स्थल निरीक्षण/ 2021/ 1/340

दिनांक: 24.06.2022

सेवा में,

अतिरिक्त महानिदेशक (वन), एफ.सी.ए.
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय
इंदिरा पर्यावरण भवन, जोरबाग रोड
अलीगंज, नई दिल्ली- 110003

ध्यानार्थ:- श्री सुनीत भारद्वाज, AIGF

विषय: Proposal for diversion of 61.4083 ha of forest land in favour of M/s. JSW Energy Ltd. for the construction of 240 MW Kuther Hydro Electric Project within the jurisdiction of Bharmour Forest Division-Chamba, Himachal Pradesh. Regarding change in the name of one user agency to another user agency i.e. M/s JSW Energy Limited to M/s JSW Energy (Kuther) limited.

सन्दर्भ: आपका कार्यालय पत्रांक 8-47/2011- FC(Pl.) दिनांक 17.02.2022

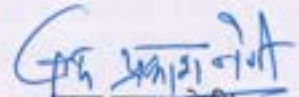
महोदय,

उपरोक्त संदर्भित पत्र के संबंध में विषयांकित प्रस्ताव से सम्बंधित स्थल निरीक्षण (Site Inspection) रिपोर्ट इस पत्र के साथ सूचनार्थ, आवश्यक कार्रवाई एवं दिशा-निर्देश हेतु प्रेषित की जा रही है।

सादर,

संलग्न:- उपरोक्तानुसार।

भवदीय,


(सत्य प्रकाश नेगी)
क्षेत्रीय अधिकारी
24/6/2022

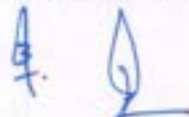
INTEGRATED REGIONAL OFFICE, SHIMLA

SITE INSPECTION REPORT

Subject: Proposal for diversion of 61.4083 ha of forest land in favour of M/s JSW Energy Ltd. for the construction of 240MW Kuther Hydro Electric Project within the jurisdiction of Bharmour Forest Division Chamba, Himachal Pradesh. Regarding change in the name of one User Agency to another User Agency i.e.- M/s JSW Energy limited to M/s JSW Energy (Kuther) Limited.

I. Brief Background:

1. Ministry of Environment, Forest and Climate Change (ROHQ Division), Government of India vide File No.8-47/2011-FC(Pt.) dated 17.02.2022 directed Regional Officer, Ministry of Environment, Forest and Climate Change (MoEF&CC), Integrated Regional Office (IRO), Shimla, Himachal Pradesh to inspect the site and to submit a report on the compliance of the conditions laid down in Stage-II approval along with status of violations if any, including in the transfer of land to HPPTCL as well as the use of forest land by the new User Agency i.e. JWS Energy (Kuther) Private Limited.
2. The specific mandate given for Site Inspection to IRO, Shimla is as below:
 - a. To submit a report on the compliance of the conditions laid down in Stage-II approval along with status of violations, if any.
 - b. To submit a report on transfer of land to HPPTCL.
 - c. To submit a report on use of forest land by the new User Agency i.e. JWS Energy (Kuther) Private Limited.
3. With reference to Ministry letter dated 17.02.2022, IRO Shimla informed Addl. Chief Secretary(Forests), GoHP, vide letter dated 29.03.2022 with copy of the same to PCCF (HoFF) and Nodal Officer (FCA), HPFD to provided necessary documents of proposal before Site Inspection.
4. The State Government did not respond to the letter, therefore again reminder was sent by IRO, Shimla vide letter dated 25.04.2022 to provided necessary documents of proposal within a week. However, State Government has not responded and no documents were provided, even as on date. IRO, Shimla decided to carry out the Site Inspection without further waiting for the reply and submission of documents from the State Government because it will not be possible to visit the site during monsoon season in this remote and hilly region. Therefore, Site Inspection was carried out by IRO Shimla on 23 &24.05.2022 under intimation to State Government vide letter dated 11.05.2022.
5. Additionally, as Bharmour is remotely located with inhospitable terrain and severe climate changes especially during winter months, the Site Inspection could be not carried out during the months of February to April. Moreover, there is no AIG/DIG level officer in IRO, Shimla to assist Regional Officer, IRO, Shimla. Therefore, there has been considerable delay in Site Inspection and hence submission of report as well.



II. Introduction:

1. Final (Stage-II) approval for diversion of 61.4083 ha of forest land in favour of M/s JSW Energy Ltd. for the construction of 240 MW Kuther Hydro Electric Project was granted by the MoEF&CC, Government of India vide File No. 8-47/2011-FC dated 11.01.2013 followed by revision letter dated 19.02.2013.
2. As per the approved Tour Programme of Regional Officer, IRO, Shimla by Additional Director General of Forests (FC), the tour was conducted from 22.05.2022 and the Site Inspection was conducted from 23.05.2022 and 24.05.2022.
3. Since IRO, Shimla has no AIG/DIG level officer, and there is limited manpower, the special survey team constituting the Technical Staff of Forest Survey of India (FSI), Regional Office (Northern), Shimla was constituted for Site Inspection of the Compensatory Afforestation (CA) areas. The FSI's survey team was directed to adopt the FSI methodology of plantation monitoring of Centrally Sponsored Schemes under National Forestry Information System (NFIS) and to submit the report accordingly.
4. Discussions were held with Shri H.K. Sarwatta, CCF, Chamba on 22.05.2022 at Chamba. Detailed discussion on various aspects of the Inspection was held with Shri Narender Singh, Divisional Forest Officer (DFO), Bharmour and the representatives of the User Agency Shri M.Y. Eswarrapa, Associate Vice President and others present during the Site Inspection on 23.05.2022 and 24.05.2022.
5. Site Inspection was carried out as per the mandate given by the Ministry, as already mentioned.
6. Various records/documentary evidences related to compliance of Stage-II conditions and other observations as raised by the Ministry were obtained from the DFO, Bharmour and representatives of User Agency.
7. Site Inspection was carried out on 23.05.2022 and 24.05.2022. The following officials were present during the Site Inspection: -

IRO, Shimla	State Forest Department /Bharmour Forest Division	User Agency/ Ms JSW Energy Limited.
1. Sh. Satya Prakash Negi Regional Officer, IRO, Shimla 2. Sh. Ajay Kumar, STA (FSI Staff holding additional charge of Technical Officer i/c, IRO, Shimla)	1. Sh. Narender Kumar DFO, Bharmour Forest Division & his Staff.	1. Shri M.Y. Eswarrapa, Associate Vice President. 2. Shri. H.R. Thakur, GM, Mechanical. 3. Sh. Sanjay Law, GM, Lot-1 and Lot-2. 4. Dr. Devi Chand Negi, Sr. Manager, Environment. 5. Shri R.S. Yadav, Sr. Manager, Environment.

III. Detailed Analysis:

A. Compliance of Stage –II Conditions

Sr. No.	Stage-II Conditions imposed by MoEF&CC, Delhi New dated 11.01.2013	Compliance of Stage-II Conditions	
		Observations	Remarks
1.	<p>(a) The Compensatory Afforestation (CA) will be raised and maintained over double the area proposed for diversion in a degraded forest land (i.e. over 123 ha) at the cost of User Agency.</p> <p>(b) For Compensatory Afforestation the area should not be fragmented, it should be a contiguous patch of few hectares for effective administrative control and protection.</p>	<p>a) During the Site Inspection, the DFO, Bharmour Forest Division provided the records regarding Compensatory Afforestation (CA) over double the area proposed for diversion in a degraded forest land (i.e. over 123 ha). Annexure-1 (Sr. no.01)</p> <p>b) As per the details of CA land provided by DFO, the CA land consist of total 12 patches varying in area from 03ha to 20ha in three (03) Forest Ranges. However, majority of patches (ten no. patches) are of 10 ha in size. Annexure-2</p> <p>Additionally, the special team constituting the Technical Staff of Forest Survey of India, Regional Office (Northern), Shimla was constituted for ground truthing/verification of CA sites and status of afforestation/plantation over CA land using FSI methodology of for monitoring of Centrally Sponsored Schemes. Detail report of the data collection is enclosed as Annexure-3.</p>	<p>CA has been carried out in 137 ha (as reported in E-Green Watch portal) instead of 123 ha (as reported by DFO). Additionally, most of the CA sites as uploaded in E-Green Watch portal and the CA sites provided by DFO are not matching except 04 sites.</p> <p>As per detail of CA sites uploaded in E-Green Watch portal, the CA land consist of total 15 patches varying in area from 01ha to 11 ha in three (03) Forest Ranges. However, majority of patches (ten no. patches) are of 10 ha in size.</p> <p>The survival percentage of the plantation is generally low and varies from 6.36 % to 45.45 % in 15 patches of CA areas.</p>

2.	The User Agency shall pay the additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India.	Records provided by DFO, Bharmour mentions that the User Agency has given undertaking to pay the same as per the final decision of Hon'ble Supreme Court of India. Annexure-1 (Sr. no.03)	Complied.
3.	All the funds received from the User Agency under the project shall be transferred to Ad-hoc CAMPA in SB account number CA25210 of Corporation Bank, Block-11, CGO complex, Phase-I, Lodhi Road, New Delhi-110003	Records provided by DFO, Bharmour mentions that all the funds received from the User Agency under the project has been transferred to Ad-hoc CAMPA in SB account number CA25210 of Corporation Bank, Block-11, CGO complex, Phase-I, Lodhi Road, New Delhi-110003 Annexure-1 (Sr. no.04)	Complied.
4.	<p>A cumulative study may be carried out by the State Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and ecological aspects in specific before the final sanction is accorded. The study should take into account the proposed and existing micro-hydel projects on the project basin.</p> <p>The above condition was modified by the Ministry vide letter dated 19.02.2013 and revised as below:</p>	<p>Records provided by DFO, Bharmour mentions that cumulative study by the State Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and ecological aspects in particular is being conducted. The process for conducting the study has been initiated involving all the project proponents. The outcome of the same will be share with Ministry as soon as the study is completed. The study could not be completed earlier as the start of the projects was delayed. It was only after Govt. provided additional incentives, the project was started.</p> <p>In addition to the above written submission by DFO, the discussion with DFO provided us an insight into the fact that the proposed Cumulative Study may take more time.</p>	Not Complied. As per the DFO, the process of conducting study has been initiated.

	<p>A cumulative study may be carried out by the State Government on behalf of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and ecological aspects in specific and the User Agency shall submit an undertaking to comply with the additional conditions that the Central Government may stipulate based on the outcome of the said study. Issues of forest fragmentation and landscape level changes due to direct and indirect impact of the project shall be specifically dealt in the said study. The study should also take into account on micro-hydel projects, existing and proposed in the project basin and may be provided with maps.</p>	<p>Annexure-1 (Sr. no.05)</p>	
<p>5.</p>	<p>R&R policy submitted by the project proponent should be in consonance with the Draft National R&R policy 2007.</p>	<p>Records provided by DFO, Bharmour mentions that R&R scheme has been approved by the Divisional Commissioner, Kangra, H.P. vide letter no. Div/com/05(18)/2010-2062 dated 10.09.2021 and it has notified by Office of the Collector, Sub-Division</p>	<p>Complied.</p>

		<p>Bharmour Distt. -Chamba, H.P. vide notification number SDM/BMR/SDRK/2022-438-88 dated 21.01.2022. The Plan has also been published in Directorate of Energy, GoHP website. Now the Plan is under implementation.</p> <p>Annexure-1 (Sr. no.06). The User Agency also provided the documentary proof of the same.</p> <p>Annexure-4.</p>	
6.	The State Government shall ensure that minimum flow at all time as per the recommendation of cumulative impact assessment study.	<p>Records provided by DFO, Bharmour mentions that a minimum of 20% of average lean month (Nov. to Feb.), i.e.- 2.95 Cumec shall be maintained as Environmental flow from the barrage through fish ladder</p> <p>Annexure-1 (Sr. no.07). The User Agency also submitted the detail about mechanism for release of required Environmental flow</p> <p>Annexure-5.</p>	Complied. However, proper compliance can be ascertained only after the HEP starts functioning.
7.	The User Agency shall set up Ecological Monitoring Unit to monitor the impact of the project on flora and fauna of the area.	<p>Records provided by DFO, Bharmour mentions that ICFRE, Dehradun has prepared the Bio-diversity Conservation and Wildlife Management Plan for Kuther (HEP, 240 MW). The report covering the presence of fauna in the project affected area and also proposed the mitigation measures to minimize the impacts.</p> <p>Annexure-1 (Sr. no.08). The User Agency has also submitted a brief note informing that annual monitoring and evaluation of implementation of plan activities and once in three years by third party monitoring by a reputed organization approved by MoEF&CC, GOI (as defined in Bio-diversity conservation and Wildlife Management Plan for Kuther (HEP, 240 MW)</p>	Not Complied. A special Unit (ideally a Cell/Laboratory/Office) for Ecological Monitoring of the flora and fauna has not been set-up so far.

		Annexure-6.	
8.	The User Agency shall keep the effect of camping labourers on the flora and fauna during the construction phase of 48 months at minimum by providing alternate fuel for cooking and heating.	Records provided by DFO, Bharmour mentions that adequate free fuel arrangement has been made for the labour engaged in construction of project. Annexure-1 (Sr. no.09). The User Agency also submitted the detail of Labours engaged and free fuel supplied by Project Proponent and Lot-1 & Lot-2 Civil contractors of Kuther HEP. Annexure-7.	Complied. During the Site Inspection, it has been observed that camping labourers are provided with Gas Cyclinders and Stoves for cooking.
9.	The entire reservoir created due to submergence shall be declared Reserve Forest under Indian Forest Act, 1927. However, regulated fishing shall be allowed.	Records provided by DFO, Bharmour mentions that the process of declaring reservoir area as Reserved Forest is under way. The same will be declared as Reserved Forest prior to commissioning of the project. The dam fill marking were not marked earlier, now the same has been done. Thus the process to declare reservoir area as Reserved Forrest has been initiated construction of project. Annexure-1 (Sr. no.10).	Complied. However, proper compliance can only be ascertained just prior to final commissioning of the project.
10.	Catchment Area Treatment Plan should be implemented at the project cost under the supervision of the State Government.	Records provided by DFO, Bharmour mentions that an amount of Rs.4500 Lacs have been deposited with CAMPA on dated 19.11.2012. Annexure-1 (Sr. no.11). The User Agency also submitted the details of the amount deposited under CAT Plan in CAMPA (Annexure-8) as well as latest progress report of CAT implementation (Annexure-9).	Complied.
11.	Green belt of adequate width shall be raised by the User Agency	Records provided by DFO, Bharmour mentions that Green belt of adequate width shall be complied with.	The compliance of the same can only be ascertained after boundary marking of

	around the reservoir at the cost of the project.	Annexure-1 (Sr. no.12).	reservoir at FRL is completed and project starts functioning.
12.	The User Agency shall carry out muck disposal at pre-designated sites in such a manner so as to avoid its rolling down.	Records provided by DFO, Bharmour mentions that muck dumping sites are being developed from below the ground level either by providing stone masonry or RCC retaining wall etc. Annexure-1 (Sr. no.13). The detail provided by the User Agency is annexed at Annexure-10.	Complied. The Inspection Team visited all the 12 dumping sites. The detail report of all the dumping sites and their present conditions is enclosed as Annexure-II.
13.	The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the User Agency at the cost of the project under the supervision of State Forest Department in a time bound manner as per Plan.	Records provided by DFO, Bharmour mentions that after completion of excavation activities at project and utilization of muck from different dumping sites reclamation work will start. Annexure-1 (Sr. no.14). The detail provided by the User Agency is annexed at Annexure-10.	As the project has not yet completed and most of the dumping sites are being used for muck disposal, therefore compliance of the same can only be ascertained only after excavation activities of the project is completed and muck dumping sites are completely filled.
14.	The User Agency to consult other companies having experience in construction of roads in hilly areas such as BRO to avoid frequent road blockade due to landslides etc. and shall provide breast walls and retaining walls wherever necessary.	Records provided by DFO, Bharmour mentions that the condition shall be complied with. Annexure-1 (Sr. no.15). The detail provided by the User Agency is annexed at Annexure-10.	The Inspection Team visited the different road components and observed that roads area already been constructed. The representative of the User Agency present on site during the inspection informed that the roads have been constructed by the Engineers of User Agency.
15.	Other standard conditions as applicable to proposals relating to Hydro Electric Projects will be applicable in this case also.	Records provided by DFO, Bharmour mentions that condition shall be complied with. Annexure-1 (Sr. no.16).	

a	FRA Certificate	---	FRA Certificate has been provided by the User Agency and annexed as Annexure-12 .
b	A list of trees, standing in muck dumping sites and permission granted for felling of trees in muck dumping sites.	Records provided by DFO, Bharmour mentions that the trees standing on muck dumping sites is not available. Annexure-13 (Sr. no.06).	DFO Bharmour informed that separate list of trees on dumping sites is not available.
c	Component wise total enumeration of trees	Abstract regarding enumeration of trees provided by DFO, Bharmour is annexed as Annexure-14 .	DFO Bharmour informed that component wise total enumeration of trees is not available. Total number of trees are 4400.
d	A copy of Geo-referenced map of the project	Layout Plan as provided by DFO is annexed as Annexure-15 .	Complied.
16.	In addition to the above, the Project Proponent will also bear the cost of regeneration of an equivalent amount of open, degraded forest	Records provided by DFO, Bharmour mentions that the condition is agreed and undertaking in this regard has been submitted by the User Agency vide letter no. JSWEKL/Kutehr HEP/FC/52/21-22/4688 dated 03.09.2021. Annexure-1 (Sr. no.17). A copy of undertaking provided by User Agency in this regard is enclosed as Annexure-16 .	Complied

B. Information on Additional Observations of the Ministry:

- i. To submit a report on transfer of land to HPPTCL.
- ii. To submit a report on use of forest land by the new User Agency i.e. JWS Energy (Kuther) Private Limited.



Information on additional observation as desired by the Ministry vide letter dated 17.02.2022 is as below:

Table-2: Additional Information:

Sr. no.	Additional Information	Remarks of IRO, Shimla
1.	Transfer of 3.1715 ha area out of 61.4083 ha to another User Agency namely M/s Himachal Pradesh Power Transmission Corporation Limited (HPPTCL).	<p>i. The representative of User Agency informed that Ministry has accorded the transfer of 3.1715 ha area out of 61.4083ha to another User Agency namely HPPTCL. Copy of approval granted by the Ministry in the year 2015 is enclosed as Annexure-17. As per Ministry letter, "approval accorded by the Ministry under FCA,1980 for transfer of Forest Clearance from original User Agency M/s JSW Energy Ltd to the New User Agency M/s HPPTCL in respect of 3.1715 ha of forest land out of 61.4083 ha of diverted forest land".</p> <p>ii. The representative of User Agency informed that HPPTCL is using this 3.1715 ha area for transmission of power from other existing projects (like-Holi Bajoli, Budhil, Bara Bhangal etc. in the Ravi Catchment to proposed Lahal sub-station. Power Evacuation Layout Pan is enclosed as Annexure-18.</p> <p>iii. The representative of User Agency further informed that HPPTCL vide letter no. HPPTCL/Kutehr_conn/2017-7/95-97 dated 29.09.2017 (enclosed as Annexure-19) intimated to M/s JSW Limited that the Evacuation Plan for the Kutehr HEP has been changed and shall be done through 400KV line (instead of 220KV proposed line) which shall be made by single circuit LILO line from Tower no.8 of Lahal-Rajera Line.</p> <p>iv. Accordingly, JSW has submitted a proposal for fresh transmission line (Online Proposal number HP/HP/Trans/130156/2021) to IRO, Shimla for diversion of 3.7904 ha forest land for construction of LILO from Kutehr HEP to Tower no. 8 of Lahal-Rajera Line. The proposal is under examination, and few observations have been raised and the reply of the same is still awaited from the State Government. This will be placed before the REC for discussion as the case is linked with already approved proposal of Kutehr HEP in favour of M/s JSW Energy Ltd.</p> <p>In view of above information and documents provided by representative of User Agency during the Site Inspection, it shows that the transfer of 3.1715 ha area out of 61.4083ha to another User Agency namely HPPTCL has been granted with prior approval of MoEF&CC.</p>





2.	Use of forest land by the new User Agency i.e. JSW Energy (Kuther) Private Limited.	<p>The representative of User Agency has informed:</p> <ol style="list-style-type: none"> i. That the Forest Clearance for diversion of 61.4083 ha of forest land in the favour of M/s JSW Energy Limited for the construction of 240 MW Kuther HEP has been accorded by MoEF&CC on dated. 11.01.2013 followed by revised order dated 19.02.2013. ii. That as per clause 5.29.4 of Implementation Agreement dated 04.03.2011, M/s JSW Energy Limited (JSWEL) incorporated a Special Purpose Vehicle (SPV) namely M/s JSW Energy (Kuther) Limited (JSWEKL). iii. That the Tripartite Agreement has been signed on 31.10.2013 between Government of Himachal Pradesh (GoHP), JSWEL and JSWEKL to transfer all assets/liabilities and profits of the JSWEL to JSWEKL. Copy of Tripartite Agreement is enclosed as Annexure-20. Representative of the User Agency further informed that work could not be started till 2019 mainly due to non-viability of the project. GoI and GoHP offered number of additional incentives for renewable energy to make HEP attractive, and hence the project has been initiated in the year 2019 with Zero Date for start of construction of project redefined as 29.10.2019 for which supplementary agreement was signed between GoHP and M/s JSW Energy (Kutehr) Limited on 27.01.2021. (Annexure - 21). iv. Further, representative of the User Agency informed that the MoEF& CC has accepted and approved the request for transfer of Environmental Clearance as proposed from "M/s JSW Energy Ltd" to "M/s JSW Energy (Kutehr) Limited" vide MoEF&CC (Impact Assessment Division) F. No.-J-12011/67/2007-IA. I dated 16th November, 2021. (Annexure - 22). <p>In view of above facts and Tripartite Agreement signed between GoHP, JSWEL and JSWEKL on 31.10.2013, it is clear that the name of User Agency has been changed from M/s JSW Energy Limited (JSWEL) to M/s JSW Energy (Kuther) Limited (JSWEKL) in 2013 without prior approval of Central Government. The new User Agency i.e. M/s JSW Energy (Kuther) Limited is looking after/executing the project since 2013 onwards. The request for change in name of User Agency has been submitted by the State Government in the month of January 2022 only (Annexure-23). And it is concluded that the User Agency has changed the name of User Agency without obtaining prior approval of Central Government as required under FCA provisions.</p>
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IV. Conclusion:

After the Site Inspection and scrutiny of the relevant documents, it is concluded that most of the Stage-II conditions have been complied. The partial compliance of some of the conditions are mentioned in the remarks column of the **Table-1**. Regarding the transfer of land to HPPTCL, approval has already been granted by the Ministry in the year 2015. Finally, regarding the use of forest land by the new User Agency i.e. M/s JWS Energy (Kutehr) Limited, the name of the User Agency has been changed from M/s JSW Energy Ltd (JSWEL) to M/s JSW Energy (Kutehr) Limited (JSWEKL) in the year 2013 *without* obtaining prior approval of Central Government and the new User Agency is looking after/executing the project since 2013. Therefore, User Agency has changed the name of User Agency without prior approval of Central Government as required under FCA provisions. The details are mentioned in **Table-2**.

The Inspection Team	
Ajay Kumar (TO i/c) IRO, Shimla	 24/06/2022
Satya Prakash Negi Regional Officer IRO, Shimla	 24/6/2022

No./ 1115 ANNEXURE-1
H.P. Forest Department.

Dated Bharmour, the/ 12/05/2022

From:- D.F.O. Bharmour.

To:- C.C.F.(T) Chamba.

Subject:- Proposal for diversion of 61.4083 hectare of forest land in favour of M/s JSW Energy Ltd. for the Construction of 240 MW Kuther Hydro Electric Project within the jurisdiction of Bharmour Forest Division, District Chamba, Himachal Pradesh-Regarding change in the name of one user agency to another user agency i.e. JSW Energy Limited to M/s JSW Energy (Kuther) Limited.

Memo:-

Kindly refer to your office Memo.No.D-V-593/G/772 dated 27.04.2022 and Endst. No. D.V.593/G/807 dated 28.04.2022 on the subject cited above.

The point wise reply to the observation raised by the GOI, MOEF letter dated 16.02.2022 and 28.03.2022 under reference is furnished as under:-

- i. The forest land measuring 3.1715 hectare out of 61.4083 hectare was transferred to another user agency namely Himachal Pradesh Power Transmission Corporation Limited (HPPTCL) vide GOI, MOEF Letter No. 8-17/2011-FC dated 10.11.2015. In view of above, the quantity of forest land to be diverted now becomes 58.2368 hectare (61.4083-3.1715=58.2368 hectare)
- ii. The detailed status report of the Project for compliance of FCA condition is as under:-

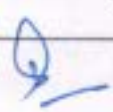

Sr.No.	Conditions of 2 nd Stage Clearance	Reply
1.	(a) The Compensatory Afforestation (CA) will be Raised and maintained over double the area proposed for diversion in a degraded forest land (i.e. over 123 ha.) at the cost of User Agency	The 123 hac. area of Compensatory Afforestation (CA) have been Raised and maintained over double the area proposed for diversion in a degraded forest land has been done by this office at the cost of user agency.
2.	(b) For Compensatory Afforestation the area should not be the fragmented, it should be a contiguous patch of few hectares for effective administrative control and protection.	Due to hilly topography of the area it is not possible to get contiguous patch for carrying out CA.
3.	The User Agency shall pay the additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India.	The user agency has given undertaking to pay the same as per the final decision of Hon'ble Supreme Court of India.
4.	All the funds received from the User Agency under the project shall be transferred to Ad-hoc CAMPA in SB account number CA25210 of Corporation Bank, Block 11, CGO Complex, Phase-1, Lodhi Road, New Delhi.	All the funds amounting to Rs. 7,56,35,915/- (CA-Rs. 2,05,52,665/- & NPV-Rs. 5,50,83,250) had been received from the User Agency under the project and the same transferred to Ad-hoc CAMPA in SB account number CA25210 of Corporation Bank, Block 11, CGO Complex, Phase-1, Lodhi Road, New Delhi. On dated 11.09.2012 vide UTR No. RTGS/IBKLNH12255003592.

ANNEXURE-1

5.	A cumulative study may be carried out by the state Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and ecological aspects in specific before the final sanction is accorded. The study should take into account the proposed and existing micro-hydel projects on the project basin.	The Cumulative study by the state Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and an ecological aspect in particular is being conducted. The process for conducting the study has been initiated involving all the projects proponents. The outcome of the same will be shared with the ministry as soon as the study is completed. The study could not be completed earlier as the start of the project was delayed. It was only after Government provided additional incentives, the project was started
6.	R&R policy submitted by the project proponent should be in consonance with the Draft National R.R policy 2007.	R&R scheme has been approved by the Divisional Commissioner, Kangra, H.P. vide letter No.Div/com/05(18)/2010-2062 dated 10.09.2021 and it has notified by office of the Collector, Sub Division Bharmour District Chamba H.P. vide Notification No.SDM/BMR/SDRK/2022-438-88 dated 21.01.2022. The plan has also been published in Directorate of Energy, GOHP website. Now the plan is under implementation.
7.	The State Government shall ensure that minimum flow at all time as per the recommendation of cumulative impact assessment study.	A minimum of 20% of average lean month (Nov to Feb) i.e. 2.95 cumecs shall be maintained as Environmental flow from the barrage through fish ladder.
8.	The user agency shall set up Ecological monitoring Unit to monitor the impact of the project on flora and fauna of the area.	Indian Council of Forestry, Research & Education, Dehradun has prepared the Biodiversity conservation & Wildlife Management Plan for Kutehr HEP (240 MW). The report covering the presence of flora & fauna in the project affected area and also proposed the mitigation measure to minimized the impact.
9.	The User Agency shall keep the effect of camping labourers on the flora and fauna during the construction phase of 48 months at minimum by providing alternate fuel for cooking and heating.	Adequate free fuel arrangement has been made for the labour engaged in construction of project. The details of Labours engaged by different contractors, quantity of free fuel supplied and expenditure incurred up to 28.02.2022.
10.	The entire reservoir created due to submergence shall be declared Reserve Forest under Indian Forest Act, 1927. However, regulated fishing shall be allowed.	The process of declaring reservoir area as reserve forest is under way. The same will be declared as Reserve Forest prior to commissioning of the project. The dam fill markings were not marked earlier, now the same has been done. Thus the process to declare reservoir area as reserve forest has been initiated.
11.	Catchment Area Treatment Plan should be	An amount of Rs. 4500 Lacs have been

ANNEXURE-1

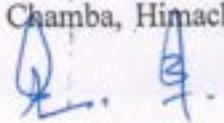
	implemented at the project cost under the supervision of the State Government.	deposited with CAMPA on dated 19.11.2012 towards the cost of implementation of CAT Plan & the plan is being implemented by the State Forest Department. An amount of Rs. 27,56,47,713/- has been utilized in implementing the CAT Plan of Kutehr HEP upto 31.03.2021 by the Forest department.
12	Green belt of adequate width shall be raised by the user agency around the reservoir at the cost of the project.	Agreed. Shall be complied with.
13.	The user agency shall carry out muck disposal at per-designated sites in such a manner so as to avoid its rolling down.	It is to state here that the engineering and biological measures as approved in the Environment Management Plan are strictly being adhered to during development of dumping sites. The muck dumping sites are being developed from below the ground level either by providing stone masonry or RCC retaining wall with height of 6 m on water facing side and 4 m on lateral sides in respect of dumping sites D-1, D-2, D-3, D-4, D-5, D-6, D-6A, D-7 and D-9. Proper weep holes with inverted filter behind shall be provided at a spacing of 1.5 m c/c. Dumping sites D-1, D-2 and D-3 are being developed into terraces for creating job facility areas and after completion of project construction works, shall be rehabilitated by proper afforestation measures in consultation with the Forest Department. The other Dumping sites viz. D-10, D-12 and D-13 are being developed from below by providing RCC / Boulder wire crates. The slope surface shall be developed by turfing / plantation works.
14.	The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the user agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping sites shall be completed before handing over the same to the State Forest Department in a time bound manner as per plan.	Presently muck is being dumped at Dumping Site No. 1,2,3,4,5,6,6A,7,9,10,12 & 13. Before start of dumping, we have constructed the retaining structure at all dumping sites as suggested by Himachal Pradesh State Pollution Control Board, while as required repair & maintenance of retaining structures is being done on regular basis to avoid the rolling of Muck towards river side. After completion of excavation activities at project & utilization of Muck from different DS we shall start reclamation work with consultation of State Forest department. Muck Management Plan of Kutehr HEP (240 MW) We are also submitting the Muck statement to Pollution Control Board on Monthly basis.
15.	The user agency to consult other companies having experience in construction of roads in hilly areas such as BRO to avoid frequent road blockade due to land slides etc and shall provide breast walls and retaining walls wherever necessary.	Agreed. Shall be complied with.

ANNEXURE 1

16.	Other standard conditions as applicable to proposals relating to Hydro Electric Projects will be applicable in the case also.	Agreed. Shall be complied with.
17.	In addition to above, the project proponent will also bear to cost of regeneration of an equivalent amount of open, degraded forest.	Agreed. An Undertaking in this regard has been submitted by the user agency vide letter no. JSWEKL / Kutehr HEP/ FC /52 /21-22 /4688 dated 03.09.2021

- i. The Cumulative study by the state Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and an ecological aspect in particular is being conducted. The process for conducting the study has been initiated involving all the projects proponents. The outcome of the same will be shared with the ministry as soon as the study is completed. The study could not be completed earlier as the start of the project was delayed. It was only after Government provided additional incentives, the project was started.
- ii. The detail of work done as per CAT Plan has already been sent to your office vide this office Memo.No.633 dated 23.04.2022.
- iii. The complete KML files & DGPS maps has already been sent to your office vide this office Memo.No.633 dated 23.04.2022.
- iv. The KML files and DGPS maps of areas where Compensatory Afforestation has been carried out alongwith the detail of expenditure and the present status of CA plantation including its survival percentage has already been sent to your office vide this office Memo.No.633 dated 23.04.2022.
- v. The layout plan of the project has already been sent to your office vide this office Memo.No.633 dated 23.04.2022.
- vi. The process of declaring reservoir area as reserve forest is under way. The same will be declared as Reserve Forest prior to commissioning of the project. The dam fill markings were not marked earlier, now the same has been done. Thus the process to declare reservoir area as reserve forest has been initiated.
- vii. The R&R scheme has been approved by the Divisional Commissioner, Kangra, H.P. vide letter No.Div/com/05(18)/2010-2062 dated 10.09.2021 and it has been notified by the office of Collector, Sub Division Bharmour, District Chamba, H.P. vide notification No.SDM/BMR/SDRK/2022-438-88 dated 21.01.2022. The plan also has been published in the website of Directorate of Energy, GoHP. The approval plan is under implementation by the project proponent.
- viii. The forest clearance of 240 MW Kutehr HEP for diversion of 61.4083 hectare of forest land in favour of JSW Energy Limited within the jurisdiction of Bharmour Forest Division, District Chamba Himachal Pradesh was granted by the GOI, MOEF vide letter No. 8-47/2011-FC dated 11.01.2013 and was followed by another letter of even No. dated 19.01.2013 vide which the condition No.5 of letter referred above stand revised under FCA, 1980.
Subsequently, sanction of diversion of 61.4083 hectare of forest land for implementation of 240 MW Kutehr HEP in Bharmour Forest Division, District Chamba H.P. in favour of JSW Energy Limited was accorded by the Government of Himachal Pradesh vide letter No.FFE-B-F(2)-3/2013 dated 20.03.2013.
As per Clause 2.29.4 of Implementation Agreement dated 04.03.2011 JSW Energy Limited incorporated a Special Purpose Vehicle (SPV) namely JSW Energy (Kutehr) Limited (JSWEKL) , having its registered office at Village Machhatter, P.O. Chanhouta, Tehsil Bharmour, District Chamba, Himachal Pradesh. The Tripartite Agreement dated 31.10.2013



was signed by GOHP, JSWEL and JSWEKL to transfer/assign all the assets, liabilities, obligations, privileges, NOC's and the benefits of the project incurred by JSWEKL arising out of the Implementation Agreement.

During these years, the financial institutions were not willing to finance the execution of the Kutehr HEP as the tariff was not attractive and encouraging.

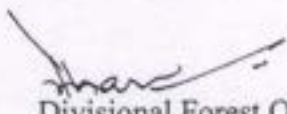
The Government of India and Government of Himachal Pradesh provided additional incentives for renewable energy to make hydro project attractive. Further various changes in Hydro Power Policy for existing projects have been extended various benefits such as:

- Large Hydro Power Projects to be declared as Renewable Energy source
- Deferment of 12% free power (Royalty) for first 12 years.
- Mandatory purchase of power by DISCOMS.
- Redefining of milestones for stalled projects.
- New clauses/provisions to determine tariff by Purchase Obligation.
- HPO as a separate entity within non-solar Renewable Purchase Obligation.
- Budgetary support for funding flood moderation component of Hydro Power Projects.
- Budgetary support for funding cost of enabling infrastructure i.e. roads and bridges.

Due to these additional changes in the Hydro Power Policy, the Kutehr HEP and other major projects become viable and tariff competitive. The ownership of JSW Energy (Kutehr) Limited is with JSW Energy Limited only. This change of User Agency Name is the requirement of financial Institutions who are financing the project.

This is for favour of information and further necessary action please.

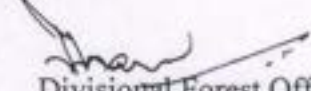
Encls:- As above


Divisional Forest Officer,
Bharmour Forest Division, 9
Bharmour.
12/08/2022

Endst.No./ 1116

Dated Bharmour, the/ 12/08/2022

Copy is forwarded to M/S JSW Energy (Kutehr) Limited, Village Machhater, P.O. Garola, Tehsil Bharmour, District Chamba H.P. w.r.t. his office letter No. JSWEKL/Kutehr HEP/MOEF&CC/FC/52/21-22/4928 dated 01.04.2022 for information.


Divisional Forest Officer,
Bharmour Forest Division, 9
Bharmour.
12/5/2022

received
12/5/2022



ANNEXURE-2

Annexure IX

STATUS OF COMPENSATORY AFFORESTATION OF KUTEHR HEP 240 MW (DIVERTED FOREST LAND 61.4063 HAC.)

Name of subsector	Name of Division	Name of Range	Name of Block	Name of tract	Name of plantation area	Area in ha.	Legal status	Species planted showing											Total plants planted	Survival %	Expenditure			
								Deodar	Kail	Fern	Teak	Sal	H.C. Sal	W. Sal	Bhoir	Ashoka	Chalk	Boya				Am	Willow	
Compensatory Afforestation on Land Banks																								
		21 Sardi		Sardi	Harcobis	10	Harcobis DP	7700	0	0	0	3300	0	0	0	0	0	0	0	0	0	11000	40%	685000
		Bharmour	Sardi	Sardi	Sappa Patal	3	Mehar DP	0	2750	0	550	0	0	0	0	0	0	0	0	0	0	3000	60%	205500
		Bharmour	Sardi	Prangbaha	Prangbaha	10	Prangbaha DP	0	7600	0	1000	1300	0	0	0	0	0	0	0	0	0	11000	45%	685000
		Bharmour	Bharmour	Chalk	Bharmour	10	Chalk DP	700	2500	0	3000	3000	6000	3000	0	0	0	0	0	0	250	11000	50%	685000
		Bharmour	Bharmour	Chalk	Bharmour	10	Dugda Bharmour DP	500	500	0	1000	1000	1000	1000	0	0	0	0	0	0	0	11000	50%	685000
		Sard	Ramkothi	Chalk	Chalk	10	Chalk DP	2000	2100	0	0	500	0	0	0	0	0	0	0	0	0	11000	2%	685000
		Sard	Ramkothi	Aura	Sella	10	Aura DP	2000	1500	0	2000	3000	0	0	0	0	0	0	0	0	0	11000	6%	685000
		Tretha	Heli	Devi	Bharmour	10	Nobis DP	6200	1500	0	1500	1000	1000	0	0	0	0	0	0	0	0	11000	60%	685000
		Tretha	Heli	Jaxol	Anduris	10	Anduris DP	7200	0	0	0	2000	0	0	0	0	0	0	0	0	0	11000	60%	685000
		Tretha	Heli	Devi	Karbel	20	Anduris DP	11000	4100	0	0	1300	7000	500	0	0	0	0	0	0	0	25000	72%	4170000
		Tretha	Karni	Chalk	Chalk	10	Chalk DP	3000	2500	0	0	500	2000	1000	0	0	0	0	0	0	0	10000	6%	685000
		Tretha	Bharmour	Sard	Sard	10	Sard DP	4000	3700	0	0	3000	0	0	0	0	0	0	0	0	0	10000	6%	685000
		Total				123		48900	29470	2000	8150	21400	9000	17000	3650	5590	500	0	250	0	155300		8425500	

S.K.
Range Forest Officer
Bharmour Forest Range
Bharmour

S.K.
Range Forest Officer
Swal (Chalk)

S.K.
Range Forest Officer
Tretha Range (Heli)

S.K.
Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)

Annexure - 2

S.K.

Annexure-3

Integrated Regional Office, Shimla

Detail of Compensatory Afforestation Sites proposed in 61.4083 ha of Forest Land in favour of M/s JSW Energy Limited for the construction of Kuther HEP, 240 MW under Bharmour Forest Division, Distt.- Chamba as uploaded in E-green watch portal.

Site Name	Name of Forest	CA area (ha) as per E-green watch portal	No. of Plants (Planted) as per Plantation Journal	Survival Percentage Calculated (%)	Remarks
Khani Part-I	Arki DPF	5	5500	6.36	---
Jagat	Massodi DPF	10	11000	14.55	---
Gudeth	Dighu Chanan Phat DPF	10	11000	16.67	---
Thalla	Thalla DPF	10	11000	17.58	---
Banani	Dugha Bannar DPF	10	11000	20.00	---
Jiura	Juan DPF	10	11000	20.91	---
Thapnai	Thalla Part-II	11	13200	21.21	In E-green watch portal CA area is mentioned as 10 ha, however as per Plantation Journal CA area is 12 ha.
Magloun	Rani Ki Dhar	10	11000	21.82	---
Audurin	Audurin DPF	10	11000	22.42	---
Dadma	Dadma DPF	10	11000	26.67	---
Khanog	Samra DPF	10	11000	28.48	---
Bantoo	Guwad DPF	10	11000	31.52	---
Nayagran	Swain RF	10	11000	33.03	---
Pranghala	Pranghala DPF	10	11000	36.67	---
Patti	Falsa DPF	1	1100	45.45	---
	Total	137 ha			

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ANNEXURE-3
Images of CA Site



Patti, Falsa DPF



Jagat, Massodi DPF



Gudeth, Dighu Chanan Phat DPF



Dadma, Dadma DPF



Nayagan, Swain RF



Banani, Dugha Bannar DPF

ANNEXURE-3



Thalla, Thalla DPF



Thapnai, Thalla Part-II



Audurin, Audurin DPF



Khani Part-I, Arki DPF



Khanog, Samra DPF



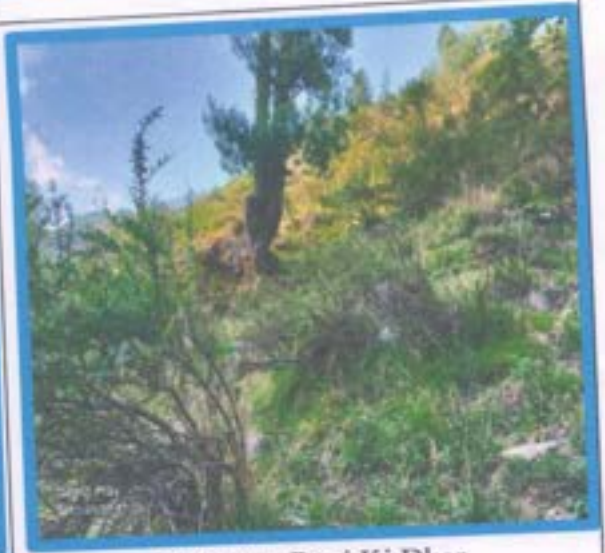
Bantooh, Guwad DPF

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ANNEXURE - 3



Jiura, Juan DPF



Magloun, Rani Ki Dhar



Pranghala, Pranghla DPF

2 4

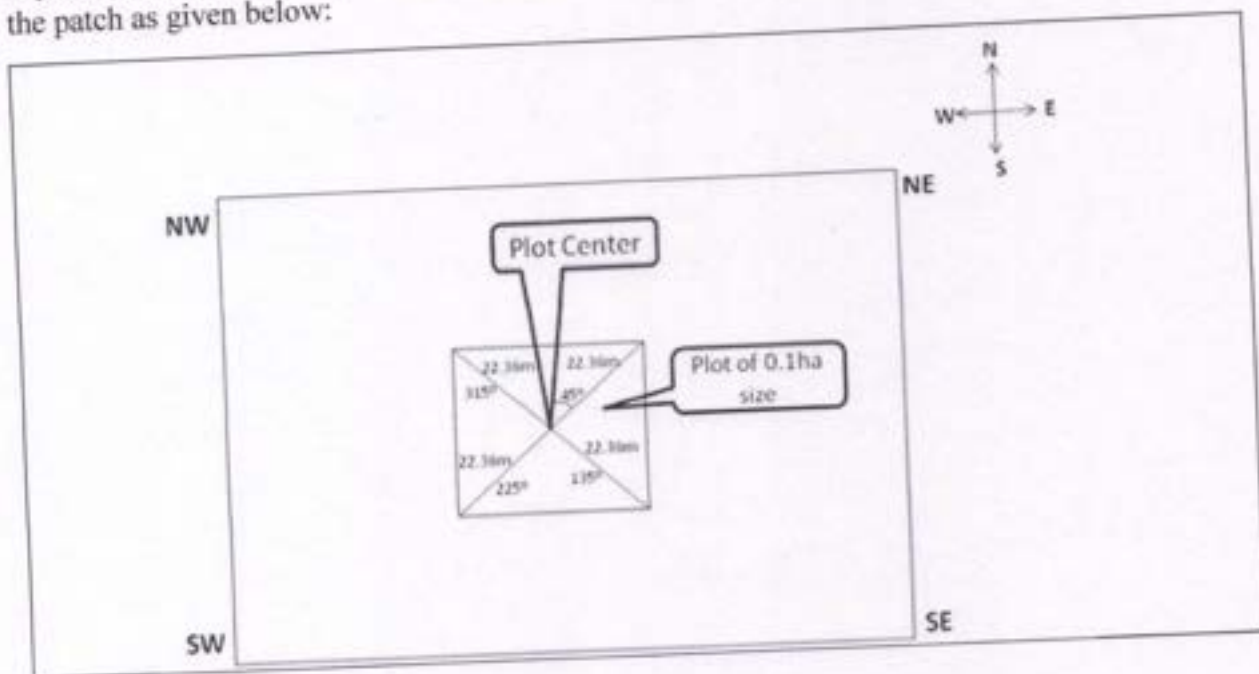
ANNEXURE-3

Methodology for Monitoring of CA Sites

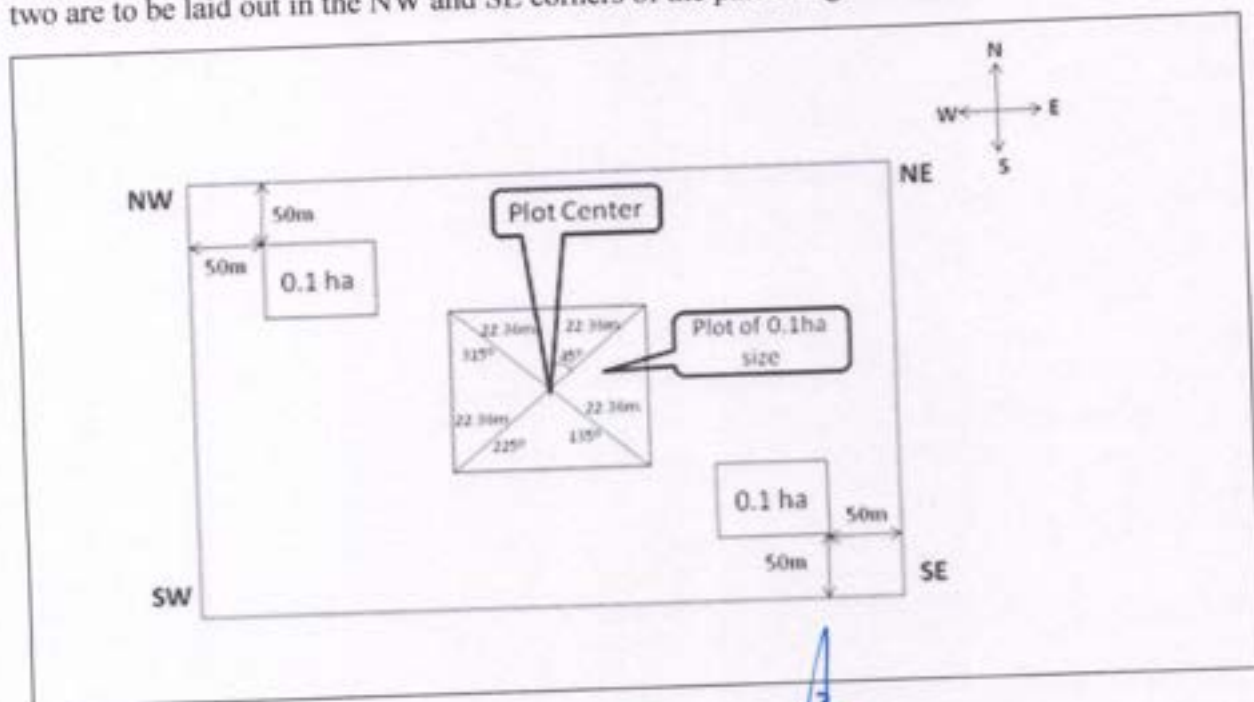
The CA sites are monitored and data has been collected as per the methodology designed by Forest Survey of India (FSI), Dehradun for monitoring of plantations of various Centrally Sponsored Schemes.

Layout of Sample Plot of 0.1 (within Patch) in the field

If patch area is up to 5 ha, then single square plot of 0.1 ha is to be laid out on the centroid of the patch as given below:



If area of the patch is between 5 to 40 ha, then 3 square plots, each of 0.1 ha are to be laid out on the ground. Out of these, one plot is to be laid out at the centroid of the patch while other two are to be laid out in the NW and SE corners of the patch as given below:



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ANNEXURE - 3

Summary

1. As per DFO concerned, plantation has been carried out in 123 ha CA area. However, as per information uploaded in E-green watch portal plantation has been carried out in 138 ha.
2. All CA sites are inspected by Technical Staff of Forest Survey of India and detailed report of data collection is enclosed as **Annexure- 24**.
3. The CA sites are navigated on ground as per the detail of CA sites uploaded in E-green watch portal. However, there is variation in the detail of CA sites provided by DFO, concerned (**Annexure-25**) and uploaded in E-green watch portal (**Annexure-26**). The name and location of only four CA sites viz. Dugha Bannar DPF, Audurin DPF, Swain DPF and Pranghala DPF are matching with the location and names uploaded in E-green watch portal.
4. The survival percentage of all CA sites are varying from 6.36 to 45.45 %. The patch-wise calculation sheet of Survival Percentage is summarized as below:

Integrated Regional Office, Shimla Survival Percentage Calculation sheet										
Name of Plantation Sites as per E-Green Watch Portal	Area of CA site (Ha) as per Journal	No. of Plants Planted per hectare as per Journal	Total Plants Planted as per Journal	No. of Plants found in Sub-Plot-1	No. of Plants found in Sub-Plot-2	No. of Plants found in Sub-Plot-3	Average of Plants Enumerated per 0.1 ha	Plants calculated per ha	Plants calculated as per CA area	Survival Percentage (%) as per IRO
Ari DPF	5	1100	5500	0	0	21	7.00	70.00	350.00	6.36
Masoch DPF	10	1100	11000	17	16	15	16.00	160.00	1600.00	14.55
Dighe Charan Prat DPF	10	1100	11000	19	18	18	18.33	183.33	1833.33	16.67
Thala DPF	10	1100	11000	24	19	15	19.33	193.33	1933.33	17.58
Dugha Bannar DPF	10	1100	11000	22	25	19	22.00	220.00	2200.00	20.00
Sara DPF	10	1100	11000	33	13	23	23.00	230.00	2300.00	20.91
Thala Part-II	12	1100	13200	12	13	45	23.33	233.33	2800.00	21.21
Ram Ki Dhar	10	1100	11000	29	22	21	24.00	240.00	2400.00	21.82
Audurin DPF	10	1100	11000	32	19	23	24.67	246.67	2466.67	22.42
Dadma DPF	10	1100	11000	49	24	15	29.33	293.33	2933.33	26.67
Dadma DPF	10	1100	11000	32	28	34	31.33	313.33	3133.33	28.48
Sarna DPF	10	1100	11000	32	28	34	31.33	313.33	3133.33	28.48
Gurwal DPF	10	1100	11000	68	15	21	34.67	346.67	3466.67	31.52
Gurwal DPF	10	1100	11000	68	15	21	34.67	346.67	3466.67	31.52
Swain BF	10	1100	11000	25	32	52	36.33	363.33	3633.33	33.03
Pranghala DPF	10	1100	11000	45	25	51	40.33	403.33	4033.33	36.67
Fala DPF	1	1100	1100	50			50.00	500.00	500.00	45.45
Total	138									

~~Annexure - 3~~

19

ANNEXURE - 4 360596
23-11-21

हिमाचल प्रदेश सरकार
राज्य-उद्योग/भरनौर/कांगडा/2021-3199-3205
कार्यालय उपमण्डलाधिकारी (नागरिक)
भरनौर जिला चम्बा हिमाचल प्रदेश।

Mob.01895-225027, Tele Fax: 01895-225027

E-Mail: sdmbhar-cha-hp@nic.in website: <http://hpchamba.nic.in/sdm/bhar.htm>

प्रेषित

श्रीमान उपायुक्त,
चम्बा जिला चम्बा हि0प्र0

दिनांक- 08/11/2021

विषय- भूमि अर्जन पुनर्वासन एवं पुनर्व्यवस्थापन में उचित प्रतिवार और पारदर्शिता अधिकार अधिनियम-2013 को अनुरार मुहाल सुटकर, कुटेहर, भटाडा, लामू, चन्हीता, स्वाई, भरोला व उल्लांसा में 98-14-01 बीघा के अधिपत्न से प्रभावित परिवारों के हित में अनुमोदित पुनर्वासन एवं पुनर्व्यवस्थापन योजना- के प्रकाशन के बारे।

महोदय

उपरोक्त विषय पर मण्डलानुगत कांगडा मण्डल स्थित धर्मशाला के कार्यालय पत्र संख्या-डिब कभर भू-सुधार/5 (18)/2010-2082 दिनांक 10-08-2021 जिसके माध्यम से मुहाल सुटकर, कुटेहर, भटाडा, लामू, चन्हीता, स्वाई, भरोला व उल्लांसा सब तहसील होली जिला चम्बा हि0प्र0 में 240 मेगावाट कुटेहर जल विपुत परियोजना जिला चम्बा हेतु अर्जित भूमि रकबा तादादी 98-14-01 बीघा भूमि अर्जन पुनर्वासन एवं पुनर्व्यवस्थापन में उचित प्रतिवार और पारदर्शिता अधिकार अधिनियम-2013 के अनुरार प्रभावित परिवारों के हित में प्रस्तावित पुनर्वासन एवं पुनर्व्यवस्थापन योजना को अनुमोदित किया गया था तथा योजना के प्रकाशन संबंधी निर्देश दिए थे गी अनुपालना में अनुमोदित पुनर्वासन एवं पुनर्व्यवस्थापन योजना की दो प्रतियां (अंग्रेजी व हिन्दी) आपके कार्यालयों को प्रेषित कर अनुरोध किया जाता है कि इसे वेबसाइट पर अपलोड करने की कृपा करें।

सन्ध्यावद।

भवदीय,

(Signature)

भू-अर्जन अधिकारी एवं
उपमण्डलाधिकारी (नागरिक)
भरनौर जिला चम्बा हिमाचल प्रदेश।

दिनांक: 08/11/2021

10/11/21
SS (Power)

फाइल संख्या: यधोपरि। 3199-3205

समाधानति

1. श्रीमान प्रधान सचिव (बहुउद्देश्य परियोजना एवं विपुत), हिमाचल प्रदेश सरकार शिमला-2 को सूचनाार्थ एवं उनके कार्यालय की वेबसाइट से समुचित प्रकाशन व प्रसारण हेतु प्रेषित।
2. श्रीमान मण्डलानुगत, कांगडा मंडल, धर्मशाला के विनाय सूचनाार्थ एवं उनके कार्यालय गी वेबसाइट से समुचित प्रकाशन व प्रसारण हेतु प्रेषित।
सहायक उपायुक्त, जे.एस.डब्ल्यू. एनजी (कुटेहर) लिमिटेड को अपनी वेबसाइट से समुचित प्रकाशन व प्रसारण हेतु प्रेषित।
3. श्रीमान नायब तहसीलदार, होली को सूचनाार्थ एवं इस आशय-के साथ प्रेषित की जाती है कि इस पुनर्वासन एवं पुनर्व्यवस्थापन योजना को अतिशीघ्र संबंधित पट्टाधारकर्ताओं में लोगों की जानकारी हेतु प्रकाशित / उपलब्ध करवाएं।

5058
22/11/2021
Sh. Semit

(Signature)



(Signature)

1 of 86

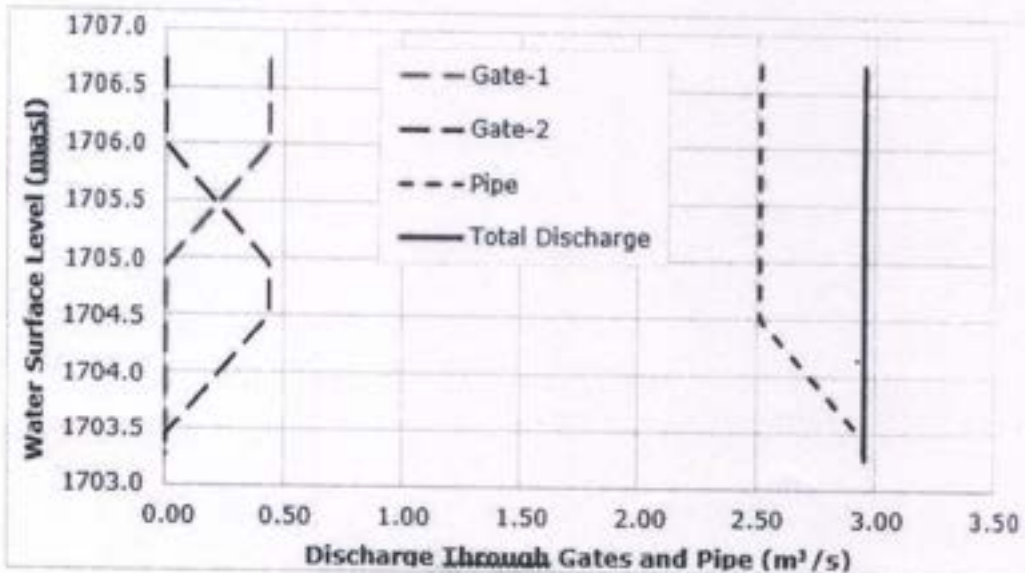


JSW ENERGY (KUTEHR) LIMITED

KUTEHR HYDROELECTRIC PROJECT (240 MW)

Release of Environmental Flow -Mechanism

The ecological flow of **2.95 cumec** will be released in barrage's downstream in combination through 0.75 dia pipe and fish ladder. The fish ladder maximum carrying capacity is 0.44 Cumec which will be maintained by operating two gates at the right u/s barrage training wall at different elevation so that the fish ladder is operative in a wider range of inflow depth (between FRL and MDDL). The remaining $(2.95-0.44) = 2.51$ cumec will be maintained through the ecological discharge pipe which will be controlled from the Barrage Control Room. At any time, the contribution of flow for d/s environmental discharge can be obtained from the following graph



OPERATING LEVELS AND GATE DETAILS			
Description	Unit	Quantity	
Total Ecological Discharge	m ³ /s	2.95	
Total Discharge through Fish Ladder	m ³ /s	0.44	
		Gate-1	Gate-2
Full Supply Level	masl	1706.75	1705.25
Depth to minimum operating level (MOL)	m	1.5	1.5
Minimum Operating Level (MOL)	masl	1705.25	1703.75
Minimum Depth of Water U/S of gate	m	0.5	0.5
Gate Sill Level	masl	1704.75	1703.25
Gate Width	m	2.4	2.4
Gate Height	m	2.5	

Handwritten signatures and a circular stamp of JSW ENERGY (KUTEHR) LTD. are present at the bottom of the page.

ANNEXURE - 6

1-6



Annexure-12

Self -annual monitoring and evaluation of implementation of plan activities and once in three years by third party monitoring by a reputed organization approved by MOEF &CC, GOI (As defined in Bio-diversity conservation and Wildlife Management Plan of Kutehr HEP 240 MW)

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KUTEHR HYDROELECTRIC PROJECT (240 MW)
JSW ENERGY (KUTEHR) LIMITED

Appendix - 5

Details of Labours Engaged & Free Fuel Supplied by Project proponent and LOT-1 & LOT -2 Civil Contractor of Kutehr HEP

M/s JSW Energy (Kutehr) Limited

Year/ Period	No. of Staffs/Labourers engaged	Quantum of free fuel supplied or subsidy provided (Units)	Financial expenditure incurred (in Rs.)
From July, 2021 to February, 2022	173	180	3,82,500

M/s Angelique -PCC Consortium - LOT-1 Works

Year/ Period	No. of Staffs/Labourers engaged	Quantum of free fuel supplied or subsidy provided (Units)	Financial expenditure incurred (in Rs.)
From July, 2021 to February, 2022	799	708	14,27,328

M/s MF Bumi Geotech Pvt Limited - LOT-2 Civil Works

Year/ Period	No. of Staffs/Labourers engaged	Quantum of free fuel supplied or subsidy provided	Financial expenditure incurred (in Rs.)
From July, 2021 to February, 2022	718	450	9,30,336

G. Total			27,40,164
----------	--	--	-----------

Aslam R
 JSW Energy (Kutehr) Limited
 Kutehr HE Project (240 MW)
 Village Machhetar, Post Office Chanhouta
 Teh. Bharzuar Distt. Chamba - 176309
 Himachal Pradesh

Aslam R



Aslam R

ANNEXURE-8

18



No. JSW/Kutehr/HEP/52/12-13/1341
Dated 19.11.2012

ure-2

JSW Energy Limited

Kutehr HEP (240 MW),
Village: Kutehr, PO: Bhajan Kothi,
Tehsil & District: Chamba,
Himachal Pradesh. Pin-176318.

Telefax : 01860 220647
Website : www.jsw.in

The Divisional Forest Officer,
Bharmour Forest Division,
Bharmour, HP.

Subject - Kutehr HEP (240 MW) - Diversion of 61.483 ha of forest land for implementation of 240 MW Kutehr HEP in favour of M/s JSW Energy Ltd. in Bharmour Division in Chamba District of HP.

Reference- Your office Letter No. 2409 Dated 06.11.12.

Dear Sir,

In reference to your office letter no. mentioned above, it is to inform that INR 4500 Lacs has been deposited in CAMPA A/c No. SB01025210, in Corporation Bank Lodhi Complex Branch, New Delhi on 19.11.2012 vide UTR Number - IBKLN12324903799, towards the cost of implementation of CAT Plan of Kutehr HEP (240 MW).

It is requested that as reply to all the three observations raised by MoEF vide their letter No. F.No.8-47/2011-FC dated 29.10.12 has been submitted, the compliance report in this respect may kindly be forwarded.

Thanking You,

Yours sincerely,

For JSW Energy Limited

PK Puri- (AVP-Hydro),

all done



Part of O. P. Jindal Group

Regd. Office : Jindal Mansion,
5 A, Dr. G. Deshmukh Marg,
Mumbai - 400 026
Phone : 022-2351 3000
Fax : 022-2352 6400

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ANNEXURE-8

A-8

No.A/145/2021-22/ 531.
H.P. Forest Department.

From: - Dated Bharmour, the/
Divisional Forest Officer,
Bharmour Forest Division,
Bharmour.

To:- The Associate Vice President,
JSW Energy (Kuther) Limited,
Village Machhater, P.O. Chanhouta,
Tehsil Bharmour, District Chamba H.P.

Subject: - Dated, Bharmour, the/22/04/2022
Kuther HEP (240 MW) - Implementation of CAT Plan &
Compensatory Afforestation.

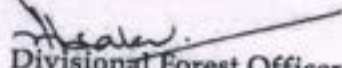
Sir,


The update Progress Reports under CAT HEP up to 31.03.2022
is enclosed herewith on the prescribed Performas for favour of information and
further necessary action.

Thanking You

Encl. As Above.

Yours faithfully,


Divisional Forest Officer
Bharmour Forest Division
Bharmour

A-9

ANNEXURE-9

Annexure-9

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Sr. No.	Name of Activities As Per CAT PLAN		Unit	Total Targets As Per CAT Plan Documents			Achievement up to 31.03.2021			Achievement during the Year			Total Achievement up to 31.03.2022			Remarks	
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.				
														4	5		6
1	2		3														
1	Nursery																
		Nursery Development & Maintenance inc. all activity.	Nos.	0	10059000	15	6168400	0	0	0	0	0	0	0	0	0	0
		Raising of plants	Nos.	32840000	15599000	766842	4450000	0	0	0	0	0	0	0	0	0	0
2	Plantation	Afforestation (1100 plants per Ha) (20% Medicinal tree + 10% Forest Fruits)	Ha	500	21325000	531	27447500	2	127600	2	127600	533	27575100				12
3		Maintenance of Afforestation Rate															
		1st Year = 6500 Rs/Ha			2250000	278	2815000	75	641200	75	641200	353	3456200				
		2nd Year = 5300 Rs/Ha			1562500	200	1224700	118	684400	118	684400	318	1909100				
		3rd Year = 3920 Rs/Ha			875000	126	549100	64	325600	64	325600	190	874700				
		4th Year = 3530 Rs/Ha			0	90	249800	36	108000	36	108000	126	357800				
		5th Year = 3180Rs/Ha			0	50	227500	40	120000	40	120000	90	347500				
4		Enrichment planting (800 plants per notional ha.) incl maint.	Ha	480	8040000	145	6306414	3	160500	3	160500	148	6466914				
		Maintenance of Enrichment plantation															
		1st Year = 4400 Rs/Ha	Ha	0	0	185	1398500	0	0	0	0	185	1398500				
		2nd Year = 2700 Rs/Ha	Ha	0	0	105	471100	0	0	0	0	105	471100				
		3rd Year = 1500 Rs/Ha	Ha	50	0	35	59500	27	86400	27	86400	62	145900				
		4th Year = 1350 Rs/Ha	Ha	0	0	0	0	0	0	0	0	0	0				
		5th Year = 1250Rs/Ha	Ha	0	0	0	0	0	0	0	0	0	0				
5		Thorny Brush Wood Protection Guard for individual Plant	Ha	384000	3560000	0	0	0	0	0	0	0	0				
6		Subsidiary Silviculture	Ha	574	8610000	1446	20863100	0	60000	0	60000	1446	20923100				
7	Energy Plantation	Energy Plantation (Fuel & Fodder plant) 5000 Plants per ha. Incl. wooden fence post 5 strand barbed wire, live hedge fencing.	Ha	470	40819500	0	0	0	0	0	0	0	0				
8		Soil and Moisture Conservation															
a		Providing Wire crate	Cum	11000	15400000	6087	15869400	580	2122800	580	2122800	6667	17992200				
b		Stream Bank Protection	Cum	7703	10784000	4869	12654500	35	116500	35	116500	4904	12771000				
c		Stone Masonary check dam	Cum	15600	18720000	12746	19602800	535	1103600	535	1103600	13281	20706400				
d		Vegetative check dam	Nos.	11990	7794000	7709	7665800	454	936500	454	936500	8163	8602300				
e		Gully Plugging	Cum	21967	26360000	12248	18009600	2897	3664300	2897	3664300	15145	21673900				
f		Water Harvesting	No	1	250000	1	200000	0	0	0	0	1	200000				
g		Protection work for land slide and slip	Cum	19300	23160000	14309	21866700	1200	2475000	1200	2475000	15509	24341700				
h		Raising of Bio Engineering Plants	Nos.	0	0	17	868700	0	0	0	0	17	868700				
i		Planting Bio Engineering Plants	ha	160	10032000	143	8951100	0	0	0	0	143	8951100				
9		Forest protection															
a		Construction/repair of boundary pillars	No.		6100000	0	0	0	0	0	0	0	0				
b		Forest Protection through User groups / Village Groups			5500000	0	1450000	0	200000	0	200000	0	1650000				
10		Infrastructure Development															
11	Other Activities	Operational Support			28550000	261	28840900	0	0	0	0	261	28840900				
12		Energy Saving Devices			7050000	0	8570699	0	0	0	0	0	8570699				

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ANNEXURE-9

A-9

a.	LPG Connections on cost sharing		2,00,00,000	0	0	0	0	0	0	0	0	0	0
b.	Pressure Cookers on cost sharing		60,00,000	0	0	0	0	0	0	0	0	0	0
c.	CFL on cost sharing		50,00,000	0	0	0	0	0	0	0	0	0	0
d.	Silt Observatory Post		93,00,000	0	0	0	0	0	0	0	0	0	0
e.	Component of fuel wood substitute to labourers		79,00,000	0	0	0	0	0	0	0	0	0	0
13	Research Training and Capacity Buildings		6,00,00,000	0	43,10,000	0	1,00,000	0	1,00,000	0	44,10,000	0	0
a	General / Awareness		1,00,00,000	0	1,00,000	0	2,00,000	0	2,00,000	0	3,00,000	0	0
b	Training of Forest Officer /Officials and community		6,50,00,000	0	0	0	0	0	0	0	0	0	0
c	Participatory Action research for mini.negative impact of transhumance		6,00,00,000	0	0	0	0	0	0	0	0	0	0
14	Provision for specific study on Catchment Area		18,00,00,000	0	18,00,000	0	0	0	0	0	1,80,000	0	0
15	Eco Tourism (1%)		21,00,00,000	1050	20,68,20,000	833	11,97,000	3	11,97,000	836	20,80,17,000	0	0
16	Pasture reclamation		0	0	2,25,52,000	4	2,24,000	4	2,24,000	458	2,27,76,000	0	0
a	Pasture Maint. 1st Year		0	0	339	1,18,22,000	0	0	0	339	1,18,22,000	0	0
b	Pasture Maint. 2nd Year		0	0	344	61,54,000	0	0	0	344	61,54,000	0	0
c	Pasture Maint. 3rd Year		0	0	245	9,90,500	0	0	0	245	9,90,500	0	0
	Pasture Maint. 4th Year		0	0	195	20,30,000	0	0	0	195	20,30,000	0	0
	Pasture Maint. 5th Year		0	0	161	2,60,14,000	8	14,35,000	169	27,44,90,000	0	0	0
17	Wild Life Improvement & Development		2,25,00,000	0	0	0	0	0	0	0	0	0	0
18	Monitoring & Evaluation (5%)		31,50,00,000	0	0	0	0	0	0	0	0	0	0
19	Support for preparing site specific Plan @5%		13,50,00,000	0	0	0	0	0	0	0	0	0	0
20	Contingencies @15%		2,25,00,000	0	2,33,46,000	0	0	0	0	0	2,33,46,000	0	0
	Total		45,00,00,000	831009	27,56,47,713	6081	1,48,09,500	837090	29,04,57,213	29,04,57,213	2,33,46,000	0	0

The CAT Plan Wt are being implemented w.e.f. 2011-14

Annexure - 9


 Divisional Forest Officer
 Bharmour Forest Division
 Bharmour

18/11/11
DFO

10

10

Kutehr HEP (240 MW) of JSW Energy Limited

Status of Forest Clearance compliance vide Letter No.

F. No. 8-47/2011-FC dated 19.02.2013

		Kutehr HEP up to 31.03.2022 by the State Forest department.
12	Green belt of adequate width shall be raised by the User Agency around the reservoir at the cost of the project.	Agreed.
13	The User Agency shall carry out muck disposal at pre-designated site in such a manner so as to avoid its rolling down.	It is to state here that the engineering and biological measures as approved in the Environment Management Plan are strictly being adhered to during development of dumping sites. The muck dumping sites are being developed from below the ground level either by providing stone masonry or RCC retaining wall with height of 6 m on water facing side and 4 m on lateral sides in respect of dumping sites D-1, D-2, D-3, D-4, D-5, D-6, D-6A, D-7 and D-9. Proper weep holes with inverted filter behind shall be provided at a spacing of 1.5 m c/c. Dumping sites D-1, D-2 and D-3 are being developed into terraces for creating job facility areas and after completion of project construction works, shall be rehabilitated by proper afforestation measures in consultation with the Forest Department. The other Dumping sites viz. D-10, D-12 and D-13 are being developed from below by providing RCC / Boulder wire crates. The slope surface shall be developed by turfing / plantation works.
14	The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the User Agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping shall be completed before handing over the same to the State Forest Department in the time bound manner as per plan.	Presently muck is being dumped at Dumping Site No. 1,2,3,4,5,6,6A,7,9,10,12 & 13. Before start of dumping we have constructed the retaining structure at all dumping sites as suggested by Himachal Pradesh State Pollution Control Board, while as required repair & maintenance of retaining structures is being done on regular basis to avoid the rolling of Muck towards river side. After completion of excavation activities at project & utilization of Muck from different DS we shall start reclamation work with consultation of State Forest department. We are also submitting the Muck statement to Pollution Control Board on Monthly basis.
15	The User Agency to consult other companies having experience in construction of roads in hilly areas such as BRO to avoid frequent road blockade due to landslides etc. and	Agreed. Shall be complied with

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Annexue-11

Site Inspection Report on Muck Dumping Sites of M/s JSW Energy Limited for Kuther HEP (240MW)

Sr. no.	Dumping Site no.	Location of Dumping Sites	Estimated Dumping Capacity*	Muck Quantity Dumped*	Balance Capacity as on 30.04.2022*
1.	01	Barrage Site	137720	137720	NIL
2.	02	Adit-1	110135	110135	NIL
3.	03	Dalli	117425	13021	104404
4.	04	Dalli	175122	53875	121247
5.	05	Machhettar	228173	113376	114797
6.	06	Machhettar	160045	42301	117744
7.	6A	Machhettar	106381	106381	NIL
8.	07	Jura	117089	6574	110515
9.	09	Garola	156919	156919	NIL
10.	10	Garola	94630	42100	52530
11.	12	MAT area	140627	26593	114034
12.	13	Khadamukh	63094	19600	43494

*The information as provided by User Agency

1. Dumping Site no.1, Barrage Site:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
137720	137720	NIL	32 21 03.36 76 31 46.29	<ul style="list-style-type: none"> Construction of Crate work on dumping site is under progress. However, User agency should have constructed Crate structures prior to dumping. Muck is seen rolling down (Fig. 1). Muck Dumping Site is completely filled with the muck as per capacity.



Figure: 1



Figure: 2

ANNEXURE - 11

2. Dumping Site no.2, Adit-1:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
110135	110135	NIL	32 21 15.52 76 31 42.26	<ul style="list-style-type: none"> • Crate structures are constructed and muck is properly dumped. • Muck Dumping Site is completely filled with the muck as per capacity.



Figure: 3



Figure: 4

3. Dumping Site no.3, Dalli:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
117425	13021	104404	32 21 30.23 76 31 35.11	<ul style="list-style-type: none"> • Crate structures are constructed and muck is properly dumped. • Muck Dumping Site is being used for muck dumping.



Figure: 5



Figure: 6

ANNEXURE-11

4. Dumping Site no.4, Dalli:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
175122	53875	121247	32 21 57.63 76 31 04.08	<ul style="list-style-type: none">• Crate structures are constructed and muck is properly dumped.• Muck Dumping Site is being used for muck dumping.



Figure: 7

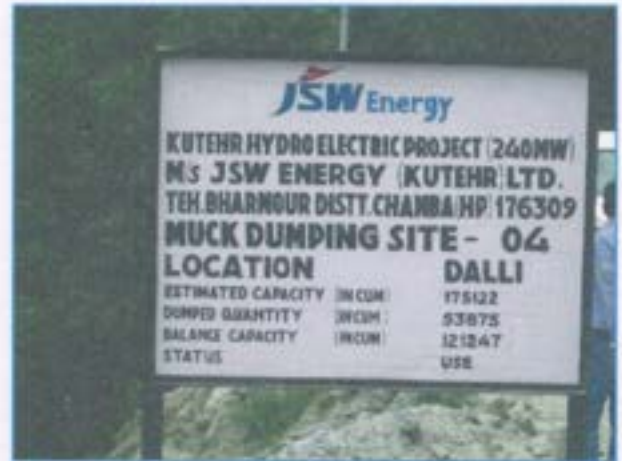


Figure: 8

5. Dumping Site no.5, Machhettar:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
228173	113376	114797	32 22 53.61 76 30 01.44	<ul style="list-style-type: none">• Crate structures are constructed and muck is properly dumped.• Muck Dumping Site is being used for muck dumping.



Figure: 9



Figure: 10

ANNEXURE-11

6. Dumping Site no.06, Machhettar:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
160045	42301	117744	32 23 04.78 76 29 29.62	<ul style="list-style-type: none"> • Crate structures are constructed, however protection walls are found damaged and observed that muck is rolling down in the river. • Some trees near the river bed found damaged due to rolling down of muck.



Figure: 11



Figure: 12

7. Dumping Site no.6A, Machhettar:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
106381	106381	NIL	32 23 33.39 76 29 08.11	<ul style="list-style-type: none"> • Crate structures are constructed near the river bed. • Muck Dumping Site is completely filled with the muck as per capacity.



Figure: 13



Figure: 14

ANNEXURE-11

8. Dumping Site no.07, Jura:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
117089	6574	110515	32 25 09.92 76 29 10.10	<ul style="list-style-type: none"> No Crate structures are constructed. Slope of this site is very steep. Some trees near the river bed are damaged due to muck.



Figure: 15



Figure: 16

9. Dumping Site no.09, Garola:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
156919	156919	NIL	32 26 36.65 76 28 00.84	<ul style="list-style-type: none"> Crate structures are constructed near the river bed. Some trees are found damaged due to rolling down of muck. DFO informed that Damage Report has been realized for the same. Muck Dumping Site is completely filled with the muck as per capacity.



Figure: 17



Figure: 18

ANNEXURE-11

10. Dumping Site no.10, Garola:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
94630	42100	52530	32 26 44.81 76 28 06.47	<ul style="list-style-type: none">• Crate structures are constructed near river bed.• The site is having steep slope. Therefore some area is being used for dumping.



Figure: 19



Figure: 20

11. Dumping Site no.12, MAT area:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
140627	26593	114034	32 27 38.90 76 27 26.93	<ul style="list-style-type: none">• Crate structures are constructed near river bed.• Due to steep slope of this site, muck is seen rolling down.



Figure: 21



Figure: 22

ANNEXURE - II

12. Dumping Site no.13, Khadamukh:

Estimated Dumping Capacity	Muck Quantity Dumped	Balance Capacity as on 30.04.2022	Geo-Coordinate recorded during Site Inspection	Comments of IRO, Shimla
63094	19600	43494	32 27 48.87 76 27 03.69	<ul style="list-style-type: none">• Crate work has been done.• Due to steep slope of this site, muck is seen rolling down in the river.



Figure: 23



Figure: 24

NOTE: Dumping Site no. 08 and 11 are not being used.

Conclusion: -

Generally, dumping of muck is being carried out in designated muck dumping sites. Proper display boards in the muck dumping sites with details of the muck are being installed. Crate wall structures are being constructed in most of the dumping sites to stabilise the sites and to prevent rolling down of the muck. However, some crate wall structures are damaged, some are insufficient to prevent rolling down of the mucks/stones etc. Also, rolling of the mucks in the river bed damaging the trees in few cases have also been observed.

CERTIFICATE

REGARDING COMPLIANCE OF SCHEDULED TRIBES & OTHER TRADITIONAL FOREST DWELLERS (RECOGNITION OF FOREST RIGHTS) ACT, 2006 IN RESPECT OF DIVERSION OF FOREST LAND MEASURING 61.4083 HECTARES TO M/S JSW ENERGY LTD. FOR CONSTRUCTION OF 240 MW KUTEHR HYDRO ELECTRIC PROJECT IN TEHSIL HOLI, DISTRICT CHAMBA, HIMACHAL PRADESH.

1. It is certified that the complete process for diversion of forest land and settlement of rights under Schedule Tribes and other Traditional Forest Dwellers (Recognition of Forest Right) Acts 2006, has been carried out for the entire forest area of 61.4083 Hac. Proposed for diversion for the construction of Kutehr HEP (240 MW) under Holi Sub-tehsil of District Chamba (H.P.)
2. As per verification duly Conducted through field functionaries i.e. ADM-Cum-Sub Divisional Officer (C) Bharmour/Naib Tehsildar Holi and as per report of revenue agencies, there is no Primitive Tribe Groups (Schedule Tribe) and Pre Agriculture Communities (Other Traditional Forest Dweller) were available on the proposed forest land proposed to be diverted and whose forest Right are required to be specifically safeguard as per section 3(1) of the Forest Rights Act, 2006.
3. It is certified that on the basis of field verification there are no such facilities managed by Government requiring diversion of Forest land under section 3(2) of Forest Rights Act, 2006 exist over the forest land proposed for diversion.

Place - Chamba

Date- 15.11.2012

H.M.
15/11/12
Deputy Commissioner

Chamba, Himachal Pradesh



[Handwritten marks]

ANNEXURE-13
DETAIL OF REQUIRED DOCUMENTS

Sr.No.	Documents	Reply
1.	Document regarding plantation detail wise area etc including copy of journals.	Plantation detail area wise is enclosed.
2.	Progressive statement of financial outlay of expenditure.	Expenditure detail is also included in the plantation detail in column No.27.
3.	Write up on cumulative study of Ravi Basin (as explained by DFO Bharmour)	The Cumulative study by the state Government on behest of all project proponents on Ravi River to assess the impact on landscape in general, and wildlife and an ecological aspect in particular is being conducted. The process for conducting the study has been initiated involving all the projects proponents. The outcome of the same will be shared with the ministry as soon as the study is completed. The study could not be completed earlier as the start of the project was delayed. It was only after Government provided additional incentives, the project was started.
4.	Write up/not on declaration of Reservoir as Reserve Forest under IFA along with supporting documents like contour map.	The process of declaring reservoir area as reserve forest is under way. The same will be declared as Reserve Forest prior to commissioning of the project. The dam fill markings were not marked earlier, now the same has been done. Thus the process to declare reservoir area as reserve forest has been initiated. Contour Map of Reservoir is being sent separately.
5.	Progress detail of work carried out under approved CAT Plan including statement of funds deposited, utilized and balance for utilization	Progress of CAT Plan is enclosed.
6.	A list of trees, standing in muck dumping sites and permission granted for felling of trees in muck dumping sites.	The trees standing on muck dumping sites is not available.
7.	i component wise total enumeration of trees.	Abstract regarding enumeration of trees is enclosed.
	ii Component wise felling permission granted as on date (including dumping site wise, road, reservoir and others etc.	Lot abstract is enclosed.
8.	In addition to above, all the documents as required or mentioned in the letter sent to Nodal officer (FCA), dated 11.05.2022.	All the documents as required or mentioned in the letter sent to Nodal officer (FCA), dated 12.05.2022 is enclosed.
9.	A copy of geo-referenced map of the project	Lay out plan is enclosed

D.F.O. Bharmour

(130) A-14

ANNEXURE-14

Annexure-14

(130)

REVISED GENERAL ABSTRACT OF THE TREES

Revised General Abstract of trees enumerated in the Alignment of Kuthar HEP (250MW) in Bharmour Forest Division, Distt-Chamba (B.P)

S.No.	Species	No/Volume	V	IV	III	IIA	IIB	IA	IB	IC	ID	Total Tree Volume
1	Plak	No	1672	380	95	40	16	11	11	5	2	2232
		Volume	50.16	53.15	53.2	20.32	15.51	7.05	2.82	262.92		
2	Popular	No	7	4	0	0	0	0	0	0	0	11
		Volume	1.127	0.868	0	0	0	0	0	1.995		
3	Robinia	No	115	24	3	1	0	0	0	0	0	143
		Volume	3.45	3.4	1.7	1.1	0	0	0	9.65		
4	Cheel	No	17	10	4	1	3	0	1	0	0	36
		Volume	1.7	2.8	2.84	1.27	5.52	0	4.25	18.38		
5	BL	No	137	86	35	16	5	3	1	0	2	285
		Volume	4.11	12.04	19.6	18.08	6.35	4.23	1.41	68.64		
6	Ban	No	761	560	234	69	27	3	3	1	1	1659
		Volume	0	134.73	159.001	92.79	57.71	9.59	13.16	479.03		
7	Kail	No	11	3	0	0	0	0	0	0	0	14
		Volume	2.42	0.84	0	0	0	0	0	3.26		
8	Deodar	No	7	1	4	3	1	0	2	0	2	20
		Volume	1.54	0.28	2.28	4.23	2.55	0	10.76	38.64		

Total nos. Of Trees 4400
Total Volume 882.516 Cum

REVISED GENERAL ABSTRACT OF THE TREES

Revised General Abstract of trees enumerated in the Alignment of Kuthar HEP (250MW) in Bharmour Forest Division, Distt-Chamba (H.P)

Sr. No	Hall DPF	Kuthar-I DPF	Basanda DPF	Machet DPF	Pilli DPF	Hilling DPF	Bhand DPF	Jura DPF	Saloon DPF	Choli DPF	Kathed DPF	Garol DPF	Jarola DPF	Arki DPF	Dugha Banner DPF	Total Nos. of Trees	Volume
1	902	619	433	96	116	46	286	240	385	200	122	370	530	19	36	4400	882.516 m3

Range Forest Officer
Rangwalat Garola
Range Swai (Garola)

Range Forest Officer, JCT
Trehla, (Choli)
Range Trehla (Choli)

For G.M (Hydro) Ltd.
Kuthar HEP
JSW Energy Ltd
G.M. (Hydro)

Divisional Forest Officer
Bharmour Forest Division
Bharmour



हिमाचल प्रदेश HIMACHAL PRADESH

06AA 001708

968
09.21

UNDERTAKING FOR COST OF REGNERATION

It is hereby undertaken by M/s JSW Energy (Kutehr) Limited that being the User Agency will bear the cost of regenerating an equivalent amount of open, degraded forest.

For JSW Energy (Kutehr) Limited

M Y Eswarappa
M Y Eswarappa 03/09/2021
Authorized Signatory



Certified that above statement on Oath is made before me on this 03/09/2021 at Chamoli by M Y Eswarappa who is identified by Sr. No. 968 who is present before me and I have more confidence in his statement and he is true deponent.

Sr. No. 968

Signature
Signature

ANNEXURE - 17

~~Annexure - 8~~

247/2011-FC
F. No. 8-7/2011-FC
Government of India

Ministry of Environment, Forests and Climate Change
(FC Division)

Indira Paryavaran Bhawan,
Aliganj, Jorbagh Road,
New Delhi - 110003
Date: 10th November 2015

To
The Principal Secretary (Forests),
Government of Himachal Pradesh,
Shimla.

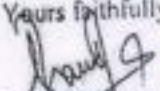
Sub: Government of Himachal Pradesh letter no. Ft. 48-2084/2010 (FCA) dated 20.11.2014 regarding transfer of forest clearance Stage-I and Stage-II approval accorded by the Ministry under the Forest (Conservation) Act, 1980 vide its letters dated 11.01.2013 read with letter dated 19.02.2013, respectively from the original user agency i.e. M/s JSW Energy Ltd to the new user agency M/s Himachal Pradesh Power Transmission Company Limited (HPPTCL) in respect of 3.1715 ha of forest land (out of total 61.4083 ha of diverted forest land) in Bharmour Forest Division in Chamba district in the State of Himachal Pradesh - regarding.

Sir,

I am directed to refer to the Nodal Officer-cum-Chief Conservator of Forests' letter Ft. 48-2084/2010 (FCA) dated 20.11.2014 on the above subject seeking prior approval of the Central Government under the Forest (Conservation) Act, 1980 and to inform that competent authority of the MoEF&CC has approved the proposal of the State Government for transfer of forest clearance Stage-I and Stage-II approval accorded by the Ministry under the Forest (Conservation) Act, 1980 vide its letters of even number dated 22.06.2011 and 11.01.2013 read with letter dated 19.02.2013, respectively from the original user agency i.e. M/s JSW Energy Ltd to the new user agency M/s Himachal Pradesh Power Transmission Company Limited (HPPTCL) in respect of 3.1715 ha of forest land (out of total 61.4083 ha of diverted forest land) in Bharmour Forest Division in Chamba district in the State of Himachal Pradesh subject to the condition that no further change of ownership would be allowed without prior approval of the Ministry.

The State Government may accordingly take appropriate action and ensure compliance of all other conditions stipulated in the approval letter dated 22.06.2011 and 11.01.2013 read with letter dated 19.02.2013.

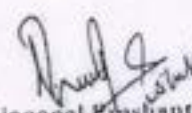
Yours faithfully,


(Rajagopal Prashant)

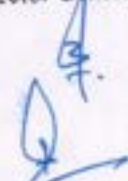
Assistant Inspector General of Forests

Copy to:

1. The Principal Chief Conservator of Forests, Government of Himachal Pradesh, Shimla.
2. The Addl. PCCF (Central), Regional Office, Chandigarh.
3. The Nodal Officer (FCA), Office of the PCCF, Government of Himachal Pradesh, Shimla.
4. User Agency (M/s Gujarat Ambuja Cements Limited, Darlaghat Tehsil Arki, Distt. Solan of Himachal Pradesh).
5. Monitoring Cell, FC Division, MoEF, New Delhi.
6. Guard File.


(Rajagopal Prashant)

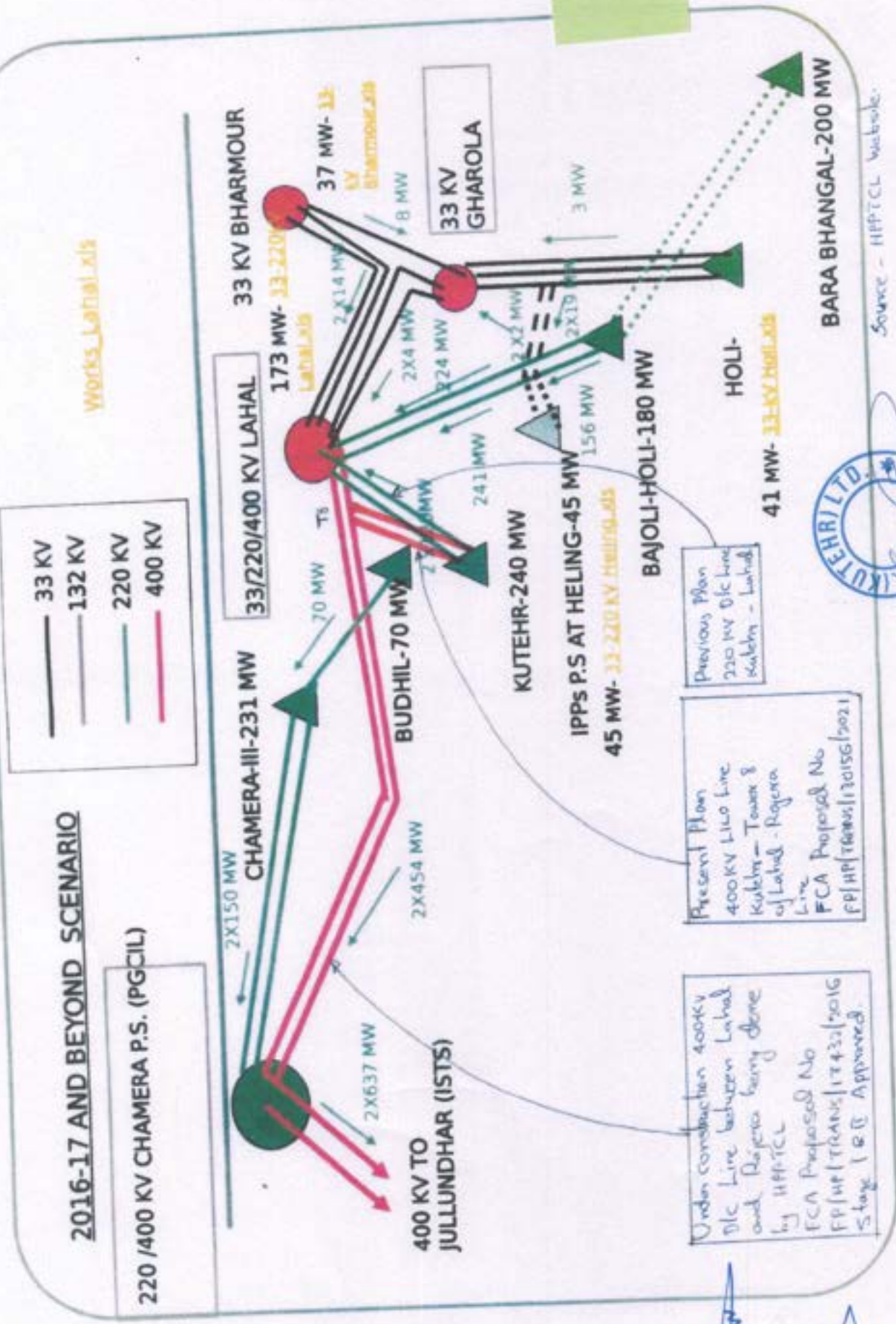
Assistant Inspector General of Forests



ANNEXURE-18

Annexure-7

Annexure 7



Handwritten signatures and initials at the bottom of the page.

ANNEXURE-19

~~Annexure-18~~



H.P. Power Transmission Corporation Limited
IA State Govt. Undertaking
Himfed Bhawan, Panjari, Below Old MLA Quarters
Shimla- 171005.

NO. HPPTCL/Kutehr_Conn/2017-7195-97
To

Dated: 29/07/17

M/S JSW Energy Ltd.,
D-9, Phase-I,
New Shimla-171009

Subject: - Kutehr HEP (240 MW)-Review of Associated Transmission System.

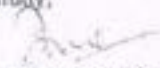
Sir,

Please refer your letter No. JSW/Kutehr HEP/15/12-13/1047 Dated 2.5.2012 vide which M/S JSW had applied for grant of connectivity for Kutehr (240 MW) HEP at 220 kV level at 13/220/400 kV substation of HPPTCL under construction at Lahal. Reference may also be made to HPPTCL letter No. HPPTCL/ Connectivity/2012-13-734-38 dated 7.5.2012 vide which intimation for grant of connectivity at 220 kV level was conveyed.

In this context, it is to intimate that you have neither signed connection agreement nor applied for Long Term Open Access to HPPTCL. It is further to add that in the mean time HPPTCL has received Long Term Open Access Applications from Bajoli Holi (180 MW) and four Small HEPs with aggregate capacity of 51 MW, thus about 230 MW of the capacity planned at Lahal has been committed. Further, Small HEPs about 25-30 MW shall need to be evacuated through Lahal substation in 2018. As per the Master Plan for Ravi Basin, Budhil HEP (70 MW) shall also be evacuated through Lahal substation.

Under these circumstances, when HPPTCL has no commitment to transmit power of Kutehr HEP in the absence of LTA application and also capacity constraints envisaged at Lahal substation, there is an urgent need to review the evacuation arrangements for Kutehr HEP. It is now proposed to evacuate power of Kutehr HEP at 400 kV level instead of 220 kV. Before, HPPTCL takes up the review of Ravi basin Plan with CEA and PGCIL, fresh application for grant of connectivity with transmission voltage level at 400 kV may be submitted.

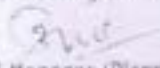
Yours faithfully,


Dy. General Manager (Planning)

C:\Documents and Settings\Administrator\Desktop\deskop_04\1\deskop\cardoop270514\Kutehr 240 MW app11.doc

Copy to:

1. M/S JSW Energy Ltd., Jindal Mansion, 5A, Dr. G. Deshmukh Marg, Mumbai- 400026.
2. Director (PSP-1), Central Electricity Authority, Sewa Bhawan, R.K. Puram, Sector-1, New Delhi-110066 for information and necessary action please. The proposal is included in the review of Transmission Plan for Ravi Basin proposed to be discussed in the meeting to held at Shimla.


Dy. General Manager (Planning)




ANNEXURE 20



हिमाचल प्रदेश HIMACHAL PRADESH

650545

TRIPARTITE AGREEMENT FOR KUTEHR HEP (240 MW)

THIS TRIPARTITE AGREEMENT is made on the 31st day of October in the year 2013 between the Governor of Himachal Pradesh, through Sh. R. D. Nazeem, Director, Directorate of Energy, Government of Himachal Pradesh, having its office at Shanti Bhawan Sector-6, Phase-III, New Shimla, - 171009 (HP) hereinafter referred to as "Government" (which expression shall unless repugnant to the context or meaning thereof, include its successor(s), administrator(s) or permitted assigns) of the FIRST PART.

AND

JSW Energy Limited, (JSWEL) a company incorporated under the Companies Act 1956 and having its registered office at JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai 400 051 (which expression shall, unless repugnant to the context or meaning thereof, include its holding company, subsidiaries, associates, successor(s), administrator(s), and permitted assigns(s)) (hereinafter referred to as "Second Party") through Mr. Pramod Menon who has been duly authorized by the Second Party vide their Board resolution dated 26.07.2013 to execute this agreement of SECOND PART.

Nazeem
 Director
 Directorate of Energy
 Himachal Pradesh

Jansod



Jshw



JSW

No. 1386934

Himachal Government Judicial Paper

AND

JSW Energy (Kutchr) Limited, (JSWEKL) a generating company within the meaning of section 2(28) of the Electricity Act, 2003, an Indian Company incorporated under the provision of the Companies Act, 1956 and having its registered office at JSW Energy (Kutchr) Limited, Des Raj Rana Building, 1st Floor, Village & Post Office- Karion, Tehsil & District-Chamba, Himachal Pradesh-176318 (hereinafter to as "Third Party") which expression shall, unless repugnant to the context or meaning there of include its holding company, subsidiaries, associate(s), successor(s) administrator(s) and permitted assign(s) through Mr. Perveen Kumar Puri, who has been duly authorized by the Third Party vide their Board resolution dated 25.07.2013 to execute the agreement, on behalf of the Third Party.

WHEREAS, the Second Party is desirous of setting up Kutchr Hydro-electric Project in District Chamba, Himachal Pradesh on river Ravi in Chenab basin; and

WHEREAS, the First Party has allotted Kutchr (260 MW) Hydro-electric Project to the Second Party for investigations and implementation of the said Project.

WHEREAS, the First Party signed a Pre-Implementation Agreement on 1st March, 2008 with the Second Party for Kutchr Hydro Electric Project for an installed capacity of 260 MW in District Chamba. (hereinafter referred to as "Project").

WHEREAS, the Second Party submitted the DPR at a reduced capacity of 240 MW to the CEA for grant of TEC, which stand accorded by CEA on 31.08.2010.

WHEREAS, the Second Party has already deposited Rs.67,60,12,870/- on 24.08.2007 on account of First Installment of Upfront Premium.

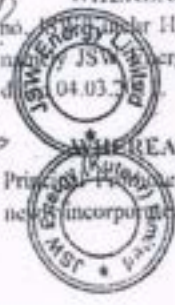
WHEREAS, the Second Party has deposited the 2nd installment of Upfront Premium amounting to Rs.26,00,04,950/- after carrying out the necessary adjustment of Rs.5,20,00,990/- deposited in excess to the amount paid on account of the 1st installment (i.e. 25% of the total Upfront Premium payable at 2nd installment minus the amount of Rs.5,20,00,990/- deposited in excess), in view of reduction in the installed capacity of the Project from 260 MW to 240 MW, through online transaction in the account no. 65080765789 (IFSC Code: STBP0000204) State Bank of Patiala, in favour of Director, Directorate of Energy, on 4th March, 2011.

WHEREAS, the First Party signed Implementation Agreement on 4th March, 2011 with the Second Party for Kutchr Hydro Electric Project for an installed capacity of 240 MW.

WHEREAS, the Second Party has agreed to deposit the balance amount of Upfront Premium of Rs.31,20,05,940/- on account of 3rd installment payable at the time of achieving Financial Closure.

WHEREAS, the First Party after considering the request made by Second Party vide letter no. JSW Energy (Kutchr) HEP/01/13-14/1597 has agreed to incorporate a Special Purpose Vehicle (SPV) JSW Energy (Kutchr) Ltd., as per the Clause 5.29.4 of the Implementation Agreement

WHEREAS, the Second Party vide undertaking dated 14.08.2013 has agreed that the First Party shall retain the controlling interest having equity not less than 51% in the newly incorporated SPV, till 6 months after Commercial Operation Date of the Project.



ANNEXURE- 20

No. 139093E
11/1/11

Himachal Government Judicial Paper

NOW THIS TRIPARTITE AGREEMENT WITNESSED AS UNDER AMONG THE PARTIES HERE TO AS FOLLOWS:

1. That the First Party hereby grants its consent to transfer/assign all the assets, liabilities, obligations, privileges, NOC's and the benefits of the Project incurred by the Second Party to Third Party, arising out of the Implementation Agreement signed on 4th March, 2011 with the unequivocal acceptance of Third Party of all the assets, rights, abilities, obligations, privileges and benefits arising out of above mentioned Implementation Agreement.
2. The First Party hereby releases the Second Party of all the obligations under the Implementation Agreement signed on 4th March, 2011 mentioned above and agrees to bind the Third Party in terms thereof.
3. That the Third Party hereby agrees that it shall be bound and liable for all the liabilities, obligations and execution of the Project on the terms and condition as specified in the Implementation Agreement dated 4th March, 2011 to the First Party.
4. All the terms and conditions of the Implementation Agreement signed on 4th March, 2011 remain same and except as provided herein above and wherever the expression of Second Party (JSW Energy Ltd.) appear in the Implementation Agreement, the same shall be read, construed, mean and deemed to be referred to as JSW Energy (Kutch) Limited (JSWEKL).
5. That the Third Party agrees to perform under the Implementation Agreement signed on 4th March, 2011 as if they were the original party to the aforesaid Implementation Agreement in the place of the Second Party.

This TRIPARTITE AGREEMENT shall become an integral part of the implementation Agreement signed on 4th March, 2011 and unless affected by the provision of this Tripartite Agreement, all other terms and condition of the Implementation Agreement shall remain unchanged.

IN WITNESS WHEREOF the parties hereto execute and set their hands on this TRIPARTITE AGREEMENT at Shimla, Himachal Pradesh on the date first written above.

FIRST PARTY
For and on behalf of
Govt. of Himachal Pradesh.

R.D. Nazeem
R.D. Nazeem,
Director,
Directorate of Energy

Director
Himachal Pradesh
Directorate of Energy

SECOND PARTY
For and on behalf of JSW
Energy Limited

Pramod Menon
Pramod Menon
Director (Finance)
Authorized Signatory



THIRD PARTY
For and on behalf of JSW
Energy (Kutch) Limited,

Perveen Kumar Puri
Perveen Kumar Puri
Associate Vice President
Hydro
Authorized Signatory



Witnessed by
1. *S. Singh*
CE (Energy)
2. *Anshu Sharma*
SCEE, D&E

Witnessed by
1. *Rajendra Singh*
2. *Tilak Raj*
Assty. Chief

Witnessed by
1. *Atul Handa*
Sr. JSWEL
2. *Atul Handa*
Head 2+2
DCH Shriwan Infrastructure Ltd.

[Handwritten signature]

ANNEXURE-21

ANNEXURE-19



हिमाचल प्रदेश HIMACHAL PRADESH

C 177242

**SECOND SUPPLEMENTARY IMPLEMENTATION AGREEMENT
FOR KUTEHR HYDRO-ELECTRIC PROJECT (240 MW)**

This Agreement executed on 27th day of the month of **January** in the year **Two Thousand and Twenty One**, between the Governor of Himachal Pradesh, through **Sh. Harikesh Meena**, IAS, Director, Directorate of Energy, Government of Himachal Pradesh, having its office at Shanti Bhawan, Sector-6, Phase-III, New Shimla, Shimla (HP)-171009, (hereinafter referred to as "First Party"), which expression unless repugnant to the context or meaning thereof, shall include its successor(s), administrator(s) or permitted assigns, of the **FIRST PART**;

AND

M/s JSW Energy (Kutehr) Limited, a company incorporated under the Companies Act 1956 and having its registered office at Village – Machetar, PO- Chanhota Tehsil – Bharmour Chamba Chamba HP 176309 In (which expression shall, unless repugnant to the context or meaning thereof, include its holding company, subsidiaries, associates, successor(s), administrator(s), and permitted assigns(s) (hereinafter referred to as "**Second Party**") through **Sh. Sanjeev Kumar Mahajan** who has been duly authorized by the Second Party vide their Board resolution dated 19.11.2020 to execute this agreement of **SECOND PART**.

[Handwritten signature]

[Handwritten signature]
Director,
Directorate of Energy,
GoHP, Sector-6, Phase-III,
New Shimla-171009

III
[Handwritten signature]
KUTEHR LTD.

[Circular stamp of JSW Energy (Kutehr) Limited]

ANNEXURE - 21

WHEREAS the First Party, in accordance with its Power Policy had allotted Kutehr Hydro Electric Power Project for an installed capacity of 260 MW to M/s JSW Energy Limited and entered into a Pre-Implementation Agreement on 01.03.2008 to carry out detailed investigations, Techno -Economic Studies and submission of a Detailed Project Report (DPR) in respect of Kutehr HEP (260 MW), located in District Chamba of Himachal Pradesh (hereinafter referred to as the "Project"); and

WHEREAS, M/s JSW Energy Limited after carrying out the necessary detailed investigation on the Project, submitted the Detailed Project Report for an installed capacity of 240 MW to Central Electricity Authority (CEA) which was accorded concurrence on 31.08.2010; and

WHEREAS, the Implementation Agreement was signed between the First Party and M/s JSW Energy Limited for the implementation of Kutehr HEP (240 MW) on 04.03.2011; and

WHEREAS, M/s JSW Energy Limited requested the First Party to transfer all the assets, responsibilities, obligations, rights, privileges and benefits in respect of Kutehr HEP (240 MW) in favour of M/s JSW Energy (Kutehr) Limited, for which a Tripartite Agreement between the First Party, M/s JSW Energy Limited and M/s JSW Energy (Kutehr) Limited was signed on 31.10.2013; and


WHEREAS, the Supplementary Implementation Agreement (SIA) between GoHP and M/s JSW Energy (Kutehr) Limited for incorporating the provision of free power Royalty deferment applicable to allotted projects as per GoHP notification 15.05.2018, was signed on 26.11.2018; and

WHEREAS, the Zero Date in respect of Kutehr HEP (240 MW) as per the milestones stipulated in the Implementation Agreement signed on 04.03.2011 was 03.03.2014; and

WHEREAS, First Party vide notification dated 07.11.2020 has allowed One Time Amnesty by redefining zero date for projects which are under investigation & clearance stage where IAs have already been signed and by redefining Scheduled Commercial Operation Date (SCOD) for projects under construction stage; and

WHEREAS, in pursuance to the above notification, the Second Party vide its application dated 30.11.2020, has requested to avail One Time Amnesty and further requested to sign Supplementary Implementation Agreement; and

WHEREAS, this Second Supplementary Implementation Agreement is being signed by both the Parties only to the extent that the Zero Date of Kutehr HEP (240 MW) shall be redefined as per notification dated 07.11.2020. This agreement shall in no way affect all other terms and conditions of Implementation Agreement dated 04.03.2011, Tripartite Agreement signed on 31.10.2013 and Supplementary Implementation Agreement dated 26.11.2018.


Director,
Directorate of Energy,
GoHP, Sector-6, Phase-III,
New Shimla-171009



ANNEXURE-21

NOW THIS SUPPLEMENTARY AGREEMENT WITNESSES AS UNDER

- I. Both the Parties agree to amend /incorporate the existing clause 5.1.2 as under:

The timelines for redefining of Zero Date in respect of Kutehr HEP (240 MW) is as under:

Sr. No.	Milestones	Time period	Consequential Action
1.	Apply for connectivity & signing of Long Term Open Access (LTOA) Agreement with HPPTCL or for signing of PPA with HPSEBL.	Within one month from the date of signing of SIA.	If the project developer fails to achieve this milestone within specified period of one month, the allotment of the project shall be liable to be cancelled.
2.	Signing of Connectivity Agreement & Long Term Open Access (LTOA) Agreement with HPPTCL or PPA with HPSEBL.	Within six months from the date of signing of SIA.	If the project developer fails to achieve this milestone within specified period of six months, the allotment of the project shall be liable to be cancelled.
3.	Furnishing of compliance reports for the progress achieved on continuous basis in the prescribed format.	Every two months on continuous basis starting two months from the date of signing of SIA	In case a project developer fails to submit the bimonthly, three consecutive compliance reports on prescribed formats in the first six months, the allotment of the respective project shall be liable to be cancelled.
4.	Submission of quantitative progress report on the progress achieved so far	At the time of completion of one year from the date of signing of SIA	In case a project developer fails to submit the quantitative progress report on the progress achieved so far at the time of completion of one year from the date of signing of SIA, and the report is not found satisfactory, the allotment of the respective project shall be liable to be cancelled.
5.	Zero Date for start of construction work	Redefined as 29.10.2019	

Director,
Directorate of Energy,
GoHP, Sector-6, Phase-III,
New Shimla-171009




ANNEXURE -21

Note: The Second Party shall not be entitled for any incentive on account of early commissioning of the project after availing relaxation under One Time Amnesty.



This **Second Supplementary Implementation Agreement** signed on the date first written above and the Implementation Agreement signed on 04.03.2011, Tripartite Agreement signed on 31.10.2013 and Supplementary Implementation Agreement signed on 26.11.2018 shall be in force simultaneously till the validity of the Implementation Agreement, Tripartite Agreement and Supplementary Implementation Agreement.

In witness whereof, the Parties hereto have executed and delivered this Agreement at Shimla, Himachal Pradesh on the date first written above, for the Implementation of Kutehr HEP for installed capacity of 240 MW.

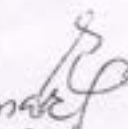
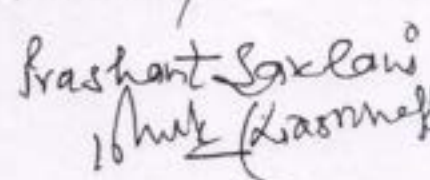
For & on behalf of the Government
of Himachal Pradesh
Director,
Directorate of Energy,
GoHP, Sector-6, Phase-III,
Shimla-171009
(Harikesh Meena, IAS)
Director,
Directorate of Energy,

For and on behalf of M/s JSW Energy
(Kutehr) Limited

(Sanjeev Kumar, Chairman)
Authorized signatory

WITNESSED BY:

1. 
Anshul Sharma
SE(CAMP)
2. 
Abhit Kishiyop
AEE, DOE

WITNESSED BY:

1. 
Rajendra Kumar
Head Corporate Affairs
2. 
Prashant Saxena
16/11/18 (Kashmiri)



ANNEXURE-22

Annexure-11

G.M.(Civil)
9/8

F. No. J-12011/67/2007-IA.1
Government of India
Ministry of Environment, Forest & Climate Change
(Impact Assessment Division)

2nd Floor, Vayu Wing
Indira Paryavan Dhavan
Aliganj, Jor Bagh Road
New Delhi - 110 003

Dated: 16th November, 2021

To

The General Manager (Civil)
M/s JSW Energy (Kutehr) Limited,
Kutehr HEP (240 MW), Village Machhettar,
PO: Chanhouta, Tehsil- Bhamour,
District- Chamba - 176 309 (Himachal Pradesh)
Email Id: my.eswarappa@jsw.in

Sub: Kutehr Hydro-electric Project (240MW) located at Village Machhettar, Tehsil Bhamour, District Chamba of Himachal Pradesh - transfer of Environment Clearance from M/s JSW Energy Limited to M/s JSW Energy (Kutehr) Limited-reg.

Sir,

The undersigned is directed to refer your online application no. IA/HP/RIV/222905/2021 dated 3rd August, 2021 and documents submitted for transferring the Environmental Clearance (EC) dated 5th July 2011 of Kutehr Hydroelectric Project (240MW) located at Village Machhettar, Tehsil Bhamour, District Chamba of Himachal Pradesh from "M/s JSW Energy Ltd" to "M/s JSW Energy (Kutehr) Limited".

2. It has been noted that the Environmental Clearance was granted to Kutehr Hydro-electric Project (240MW) located at Village Machhettar, Tehsil Bhamour, District Chamba of Himachal Pradesh vide Ministry's letter dated 5th July 2011 to M/s JSW Energy. Further, the validity of Environmental Clearance was extended till 4th July 2024 vide Ministry's letter dated 18th June, 2021.

3. Presently, it has been informed that the company ownership has been transferred from M/s JSW Energy Limited (CIN: L74999MH1994PLC077041) to M/s JSW Energy (Kutehr) Limited (CIN: U40101HP2013PLC000345). It has been submitted that as per Clause 5.29.4 of Implementation Agreement dated 04.03.2011 JSW Energy Limited incorporated a Special Purpose Vehicle (SPV) namely JSW Energy (Kutehr) Limited (JSWEKL), having its registered office at Village: Machhettar, PO: Chanhouta, Tehsil Bhamour District Chamba, Himachal Pradesh and Government of Himachal Pradesh, granted its consent to transfer/assign all the assets, liabilities, obligations, privileges, NOC's and the benefits of the Project incurred by JSWEL to JSWEKL arising out of the IA dated 4th March, 2011 vide tripartite agreement dated 31st October, 2013.

4. The documents as submitted by the applicant are listed as under:

Proposal No. IA/HP/RIV/222905/2021

Page 1 of 3

ANNEXURE-22

- i. 'No Objection Certificate' from transferor company M/s JSW Energy Ltd.
- ii. Tripartite Agreement vide letter 31st October, 2013 issued by first party i.e. government of Himachal Pradesh for change in ownership of the company from "M/s JSW Energy Ltd" to "M/s JSW Energy (Kutehr) Limited."
- iii. Undertaking on non-judicial stamp dated 11th August 2021 by M/s JSW Energy (Kutehr) Limited stating that the same terms and conditions in the EC dated 5th July 2011 are acceptable and the conditions will be complied with.

5. The Ministry has examined the application. In view of the above, the Ministry hereby accords the approval for transfer of Environmental Clearance as proposed from "M/s JSW Energy Ltd" to "M/s JSW Energy (Kutehr) Limited" under the provisions of EIA Notifications, 2006 and its amendments therein, subject to following additional conditions:

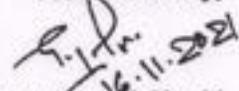
- (i) Any change in scope of work will attract the provisions of the Environment (Protection) Act, 1986 and Environmental Impact Assessment Notification, 2006 in conjunction with the subsequent amendments/ circulars.
- (ii) Necessary permission for transfer of Stage-I FC in the name of New PP i.e. M/s JSW Energy (Kutehr) Limited shall be obtained.
- (iii) All conditions stipulated in the EC letter no. J-12011/67/2007-IA-I dated 5th July 2011 2007 and on 18th June, 2021 shall remain unchanged
- (iv) The project proponent shall be liable, if any, for any act of violation of the EP Act, 1986 / EIA Notification 2006/ subsequent amendments and circulars which it has inherited during the transfer.
- (v) The project proponent shall be liable for compliance of all court directions, if any.

6. The name of the addressee with respect to above mentioned project in the Environmental Clearance dated 5th July 2011 shall be substituted by the following:

M/s JSW Energy (Kutehr) Limited,
Kutehr HEP (240 MW),
Village Machhettar, PO: Chanhouta,
Tehsil- Bhamour, District- Chamba,
Himachal Pradesh - 176 309

7. This issues with the approval of the Competent Authority.

Yours faithfully,


16.11.2021
(Yogendra Pal Singh)
Scientist 'E'

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti, Bhawan, Rafi Marg, New Delhi-1.
2. The Secretary, Ministry of Jal Shakti, Shram Shakti Bhawan, Rafi Marg, New

Proposal No. LA/HP/RIV/222905/2021

Page 2 of 3





No.Ft.48-2084/2010 (FCA),
Forest Department, Himachal Pradesh.

ANNEXURE-23

101

From: Principal Chief Conservator of Forests (HoFF)
Himachal Pradesh, Shimla-1

To: The Dy. Inspector General of Forests (Central),
Govt. of India, Ministry of Environment, Forests & Climate Change,
(Forest Conservation Division),
Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road,
New Delhi: 110003.

Dated Shimla-1, the 6 JAN 2022.

Subject: Diversion of 61.4083 hectare of forest land for implementation of 240
MW Kuther Hydro Electric Project in favour of M/s JSW Energy Ltd.
in Bharmour Forest Division, Distt. Chamba, Himachal Pradesh.

Sir,

Kindly refer to your office letter No. F.No. 8-47/2011-FC dated 11.01.2013
on the subject cited above.

2 I am directed by the State Government to enclose herewith an application,
for change in the name of one user agency to another user agency i.e. M/s JSW Energy Ltd
to M/s JSW Energy (Kuther) Ltd., on the proper format (P. No. 15) alongwith requisite
documents for the name change of user agency as per para 5.1 of Chapter-5, GoI
guidelines under FCA,1980 (Flag-A), in respect of diversion of 61.4083 hectare of forest
land for implementation of 240MW Kuther Hydro Electric Project in favour of M/s JSW
Energy Ltd. in Bharmour Forest Division, Distt. Chamba, Himachal Pradesh.

3 In this regard, it is, submitted that entailly this proposal was processed by
the M/s JSW Energy Ltd for approval under FCA, 1980 in the year of 2010. This proposal
was finally approved by the Govt. of India vide letter No. F.No. 8-47/2011-FC dated 11th
January, 2013 (Annexure-A). Subsequently, sanction of diversion of 61.4083ha of forest
land for implementation of 240 MW Kuther HEP in Bharmour Forest Division in Chamba
District M/s JSW Energy Limited granted by the Government of Himachal Pradesh vide
letter No. FFE-B-F(2)-3/2013 dated 20.03.2013 (Annexure-B).

4 As per Clause 5.29.4 of Implementation Agreement dated 04.03.2021, JSW
Energy Limited incorporated a Special Purpose Vehicle (SPV) namely JSW Energy
(Kuther) Limited, having its registered office at Village Machhettr, P.O. Chanhouta, Tehsil
Bharmour District Chamba, Himachal Pradesh and Government of Himachal Pradesh
granted its consent to transfer/assign all the Assets, Liabilities, Obligations, Privileges,
NOCs and the benefits of the Proect incurred by JSWEL to JSWEKL arising out of IA vide
Tripartite Agreement dated 31.1.2013 (Copy enclosed as Annexure-C).

5 Now, as the project is being Implemented by JSW Energy (Kuther) Limited,
the new user agency has requested to transfer the Forest Clearance of Kuther Hydro
Electric Project (240 MW) in District Chamba, Himachal Pradesh in Favour of M/s JSW
Energy (Kuther) Limited.

6 In view of para 5.1 of Chapter-5, GoI guidelines under FCA, 1980, an
application for transfer of lease has been filled by the new user agency i.e. M/s JSW
Energy (Kuther) Ltd., on the proper format (P. No. 15) alongwith requisite documents. For
this purpose, the original/Old user agency has also furnished an NOC and the new user
agency has also submitted an undertaking that they shall abide by all the conditions on

C-591114/2022/CR
11-01-2022

Ratesh
20-01-2022
M/s. Surjeet
TO C (Kuther) (K)
17/01/22

A/C (FC) (SB)
34510-8P
17/01/22

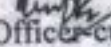
Q 4

which may be stipulated by the Central/State in future (copies are enclosed herewith as Annexure-D & E).The draft of NOC of the State Government is placed below as Annexure-F.

7. Hence it is recommended that 61.4083 hectare of forest land earlier approved for implementation of 240 MW Kuthar Hydro Electric Project in favour of M/s JSW Energy Ltd. in Bharmour Forest Division, Distt. Chamba, Himachal Pradesh may now be transferred in the name of M/s JSW Energy (Kuthar) Ltd., for the same propose for which it was diverted in favour of M/s JSW Energy Ltd.

8. For transfer to lease under para 5.1 of Chapter-5 of GoI guidelines, the NOC of the State Govt. is also required which is enclosed herewith as Annexure-F.

Yours faithfully,



Nodal Officer-cum-APCCF (FCA)
O/o Pr. CCF. H.P. Shimla-1.

Encls: As above:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmau.
Name of Range	Swain.
Name of CA site	Jagat (2014-15)
Name of Forest	Mawadi DFF
Compartment no.	—
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	decodar, Chulli, H. Nut. Kail, Allenthus, Chill
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Jagat 03.
Photograph of Sample Plot (Minumum 04)	Jagat 0301 " 0302
Latitude of Sample Plot	32.26 0312
Longitude of Sample Plot	76.23 4813


Signature and Name of SFD, Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Ku'l	0926	370
2	"	0926	110
3	"	0926	220
4	"	0926	210
5	"	0926	340
6	"	0926	310
7	"	0926	078
8	"	0926	092
9	Deodars	0241	060
10	"	0241	067
11	"	0241	070
12	"	0241	110
13	"	0241	170
14	"	0241	240
15	"	0241	290


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

1. Slope - due to slope of 33° , block dimension adjusted to 27.64m instead of 22.36m.
2. Rock \rightarrow approx. 15% area of CA site.
3. Maintenance \rightarrow approx. 50% site maintained and 50% site prone to heavy grazing and landsliding.
4. Understorey - moderate.
5. Road distance - On road.
6. Existing Tree crop \rightarrow Mixed Timbers.
7. Fencing \rightarrow approx. 60% site fenced & 40% fencing uprooted due to landsliding.
8. Damaged Reasons.
 - (i) Grazing \rightarrow Heavy
 - (ii) Fire \rightarrow mild fire (In year 2016 fire damaged site)
 - (iii) Landsliding \rightarrow 20% of site under Landsliding.


Signature and Name of SFD Official

Designation: Ratan Kumar


Signature and Name of Inspecting Officer of FSI Official

Designation: J.T.A.
21/5/22

Station No. 1720 Longitude N. 82° 26' 13.4" Latitude E. 0° 76' 23.42" S

Aspect.. Northern Soil type/depth.. Deep soil

Expenditure on New Plantation -Rs. 4,48,829

Jagat Mohi 2014-15

Plants planted during 2014-15 (week/mm/yy)

Species->	Seeds	Chid	2. Cam	Bulli				Total
Number->	5200	4000	1000	300				11000

Expenditure on maintenance-during 1st year () -Rs.....

Plants planted : week/mm/yy.....

Species->	Chid							Total
Number->	900	-	-	-	-	-	-	900

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	g/llms							Total
Number->	975	-	-	-	-	-	-	975

Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	Chid	hcm						Total
Number->	260	220	-	-	-	-	-	480

Dated Signature

Name

[Signature]
F.G. / R. / Kodhi
B. / Kodhi


Dy. Ranger

Range Officer

Banghala (2014-15)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmou.
Name of Range	Bharmou.
Name of CA site	Banghala (2014-15)
Name of Forest	Banghala DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Kaol, Acacia, Ban Oak, He Nut
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Banghala 01
Photograph of Sample Plot (Minumum 04)	Banghala 01 01 01 02
Latitude of Sample Plot	32 26 57 69
Longitude of Sample Plot	76 34 58 06.


Signature and Name of SFD Official
R. D. Sharma

Designation:





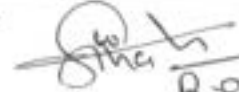

Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
01	Deodar	0241	220
02	"	0241	190
03	"	0241	610
04	"	0241	130
05	"	0241	045
06	"	0241	280
07	Kail	0926	110
08	Deodar	0241	130
09	Kail	0926	220
10	"	0926	115
11	"	0926	048
12	Deodar	0241	220
13	"	0241	095
14	Kail	0926	110
15	"	0926	048
16	"	0926	115
17	Deodar	0241	095
18	"	0241	080
19	Kail	0926	340
20	"	0926	180
21	Deodar	0241	340
22	"	0241	310
23	"	0241	420
24	"	0241	270
25	"	0241	345


 Signature and Name of SFD Official
 R. O. Sharma

Designation:




 Signature and Name of Inspecting Officer of FSI Official

Designation:



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Dendax	0241	220
27	"	0241	115
28	"	0241	240
29	"	0241	370
30	"	0241	510
31	"	0241	340
32	"	0241	085
33	"	0241	140
34	"	0241	280
35	"	0241	420
36	"	0241	150
37	Kail	0226	170
38	Dendax	0241	320
39	"	0241	370
40	"	0241	195
41	"	0241	120
42	Kail	0226	115
43	"	0226	230
44	"	0226	110
45	"	0226	095


Signature and Name of SFD Official: S. P. Asharmon

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:



Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour.
Name of Range	Bharmour.
Name of CA site	Bhanghala (2014-15)
Name of Forest	Bhanghala Off --
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11 nos
Species Planted (As per Record)	Kail, deodar, Ban Oak, + c.n.t.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Bhanghala 02
Photograph of Sample Plot (Minimum 04)	Bhanghala 0201 0202
Latitude of Sample Plot	32265724
Longitude of Sample Plot	76345585


Signature and Name of SFD Official

Designation:

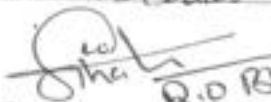

Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	180
2	"	0241	270
3	"	0241	240
4	"	0241	210
5	"	0241	095
6	"	0241	210
7	"	0241	095
8	"	0241	048
9	"	0241	040
10	"	0241	075
11	"	0241	085
12	"	0241	045
13	"	0241	110
14	Kaula	0756	310
15	Deodar	0241	390
16	"	0241	280
17	"	0241	190
18	"	0241	130
19	"	0241	110
20	"	0241	290
21	"	0241	250
22	"	0241	410
23	"	0241	430
24	Kail	0926	095
25	Deodar	0241	110


 Signature and Name of SFD Official
 R.D. Bharamba

Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

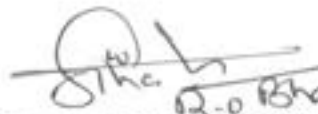
Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
51	Deodars	0241	230


 Signature and Name of SFD Official
 Designation: 


 Signature and Name of Inspecting Officer of FSI Official
 Designation:
 2 | Page

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmou.
Name of Range	Bharmou.
Name of CA site Year	Bhanghala. 2014-15.
Name of Forest	Bhanghala DPF
Compartment no.	
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Kaol, Doodar, Bamloke, Hic nut.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Bhanghala 03
Photograph of Sample Plot (Minumum 04)	Bhanghala 0301 0302
Latitude of Sample Plot	322659.23
Longitude of Sample Plot	76350110


Signature and Name of SFD Official

Designation:

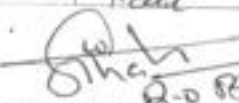

Signature and Name of Inspecting Officer of FSI Official

Designation:


1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kail	0926	310
2	"	0926	465
3	Deodar	0241	165
4	Kail	0926	510
5	"	0926	525
6	"	0926	240
7	"	0926	310
8	"	0926	530
9	Deodar	0241	070
10	"	0241	178
11	"	0241	325
12	"	0241	190
13	"	0241	220
14	Kail	0926	350
15	Deodar	0241	090
16	Kail	0926	180
17	"	0926	195
18	"	0926	290
19	"	0926	340
20	"	0926	260
21	"	0926	210
22	"	0926	178
23	"	0926	230
24	Deodar	0241	210
25	Kail	0926	340


Signature and Name of SFD Official

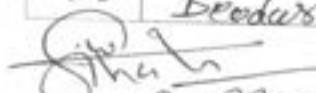
Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Kail	0926	280
27	Deodar	0241	240
28	Kail	0926	190
29	"	0926	170
30	"	0926	118
31	Deodar	0241	048
32	"	0241	065
33	"	0241	180
34	"	0241	095
35	"	0241	075
36	"	0241	110
37	"	0241	125
38	"	0241	060
39	"	0241	190
40	"	0241	310
41	"	0241	110
42	Kail	0926	067
43	"	0926	270
44	Deodar	0241	048
45	"	0241	090
46	"	0241	320
47	"	0241	280
48	Kail	0926	320
49	"	0926	520
50	Deodar	0241	280


 R. D. Sharma ✓
 Signature and Name of SFD Official

Designation:





 Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

1. Slope → due to slope of 35° , block dimension adjusted to 27.29m
Instead of 22.36 m.
2. Rock → 10% area of C.A site
3. Under growth → moderate
4. Maintenance → maintained but bushes growth should be curtailed
5. Road distance → On Road.
6. Existing Gap → Mixed tree composition.
7. Fencing → Fully fenced.
8. Damage Reason →
 - i. Grazing → Heavy.
 - ii. Fire → No fire
 - iii. Landsliding → 20% area of CA site prone to landsliding at some of places already occurred.


Signature and Name of SFD Official

Designation:

Wajeeh Singh




Signature and Name of Inspecting Officer of FSI Official

Designation:

JTA
31/5/22

Altitude..... Longitude ^N 33° 36' Latitude ^E 76° 33' 43.1"
 Slope.. Steep Aspect.. SW Soil type/depth.. Clay loam

Total Expenditure on New Plantation - P 287,561/- Paranghalla - 10 ha,
 Plants planted during 8/2013-5/2014 (week/mm/yy) 2014-15

Species->	<u>Deo</u>	<u>Corn</u>							Total
Number->	<u>610 nos</u>	<u>268</u>							<u>878 nos</u>

Expenditure on maintenance-during 1st year () -Rs.....
 Plants planted : week/mm/yy.....

Species->	<u>Deo</u>								Total
Number->	<u>165 nos</u>								<u>165 nos</u>

Expenditure on maintenance-during 2nd year () -Rs.....
 Plants planted : week/mm/yy.....

Species->									Total
Number->									

Expenditure on maintenance-during 3rd year (2017-18) -Rs. 40,082/-
 Plants planted : week/mm/yy.....

Species->	<u>Deo</u>	<u>HCN</u>							Total
Number->	<u>330 no</u>	<u>196 no</u>							<u>526</u>

Dated Signature

Name


F.G.


Dy. Ranger


Range Officer





Dadma (2014-15)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour
Name of Range	Bharmour
Name of CA site (year)	Dadma 2014-15
Name of Forest	Dadma DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Ban Oak, Robinia, Allinmas, Kail Chuli, Deodar. H.C. Nut, Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Dadma 01
Photograph of Sample Plot (Minumum 04)	Dadma 0101 Dadma 0102.
Latitude of Sample Plot	32270527
Longitude of Sample Plot	76311314


R. O. Bharmour

Signature and Name of SFD Official

Designation:


29/5/22


Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Moxu oak	1006	110
2	"	1006	095
3	"	1006	080
4	"	1006	090
5	"	1006	118
6	Ailanthus	0046	170
7	"	0046	090
8	"	0046	230
9	"	0046	710
10	"	0046	830
11	"	0046	845
12	"	0046	130
13	"	0046	680
14	"	0046	745
15	"	0046	240
16	"	0046	310
17	"	0046	325
18	"	0046	235
19	"	0046	230
20	"	0046	190
21	"	0046	235
22	"	0046	086
23	"	0046	125
24	"	0046	480
25	"	0046	165


 Signature and Name of SFD Official
 Q. B. Sharma

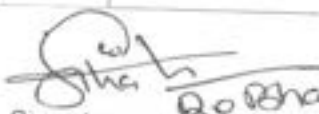
Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Ailanthus	0046	670
27	"	0046	090
28	"	0046	130
29	Mosuoak	1006	098
30	"	1006	075
31	Ailanthus	0046	325
32	"	0046	540
33	"	0046	190
34	"	0046	130
35	"	0046	110
36	Mosuoak	1006	048
37	Dendax	0241	090
38	Ailanthus	0046	270
39	"	0046	430
40	"	0046	130
41	"	0046	540
42	"	0046	220
43	"	0046	170
44	"	0046	225
45	"	0046	345
46	"	0046	180
47	Mosuoak	1006	130
48	"	1006	080
49	"	1006	090


 Signature and Name of SFD Official

Designation: 


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmau.
Name of Range	Bharmau.
Name of CA site	Dadma 2014-15
Name of Forest	Dadma DPF
Compartment no.	—
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Ban Oak, Robinia, Allinthes, Kail, Chulli, Deodar, H. Nut, Walnut.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Dadma 02
Photograph of Sample Plot (Minumum 04)	Dadma 02.01 Dadma 02.02.
Latitude of Sample Plot	32.27.06.81
Longitude of Sample Plot	76.31.08.21


Signature and Name of SFD Official
R. B. Sharma

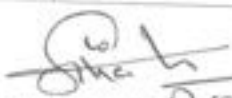
Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Moss oak	1006	190
2	"	1006	098
3	"	1006	110
4	"	1006	118
5	Dendax	0241	048
6	"	0241	015
7	"	0241	060
8	"	0241	050
9	"	0241	026
10	"	0241	090
11	Kautil	0226	110
12	"	0226	020
13	"	0226	085
14	Dendax	0241	070
15	"	0241	076
16	"	0241	075
17	"	0241	080
18	"	0241	065
19	Moss oak	1006	096
20	"	1006	090
21	"	1006	117
22	"	1006	080
23	"	1006	048
24	"	1006	130


 Signature and Name of SFD Official


Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharman.
Name of Range	Bharman
Name of CA site (Year)	Dadma (2014-15)
Name of Forest	Dadma DPF
Compartment no.	—
Area of Patch (As Per Record)	10 Hectare.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Ban Oak, Robania, Allintras, Kail, Chulli, Deodar, H. Walnut, Walnut.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Dadma 03
Photograph of Sample Plot (Minumum 04)	Dadma 0301 " 0302
Latitude of Sample Plot	32270454
Longitude of Sample Plot	76311959


Signature and Name of SFD Official
R. Sharma ✓

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

SI.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	076
2	?	0241	110
3	?	0241	090
4	Kail	0926	095
5	?	0926	078
6	?	0926	130
7	?	0926	065
8	?	0926	078
9	Deodar	0241	105
10	?	0241	100
11	Kail	0926	107
12	Deodar	0241	075
13	Kail	0926	065
14	?	0926	070
15	?	0926	078


 Signature and Name of SFD Official
 Q.0 Bhaazmal V

Designation:




 Signature and Name of Inspecting Officer of FSI Official

Designation:
 2 | Page

Brief Note on CA Site (In Bullets): CA - Dadma.


1. Slope - Due to slope 44° , block dimension adjusted to 31.08 m instead of 22.36 m.
2. Rock \rightarrow 30% area of site is rock.
3. Undergrowth \rightarrow moderate.
4. Maintenance \rightarrow Bushes growth should be curtailed, most of site maintained.
5. Fencing \rightarrow Fenced but 30% fencing (approx) is uprooted due to landsliding.
6. Existing Grop \rightarrow Mixed crop composition.
7. Road distance \rightarrow On road.
8. Damaged Reason \rightarrow
 - i. Grazing - moderate.
 - ii. Landsliding \rightarrow Landsliding already occurred at 02 points. (20% area prone)
 - iii. Fire - No fire observed.


R. Sharma
Signature and Name of SFD Official

Designation:

Wajeeh Singh




VINAY SHARMA
Signature and Name of Inspecting Officer of FSI Official
Designation: J.T.A. 29/5/22

Altitude 2085 m Longitude 32° 27' 05" ... Latitude 76° 31' 18"
 Aspect..... Soil type/depth.....

Total Expenditure on New Plantation -Rs. 2,69,962 Dadma-10 Ha.
 Plants planted during 8/2014 .. (week/mm/yy) 2014-15

Species->	Ban	Robaria	Alphithes	Kaul	chulli	Deo	H.c/w/nut	Total	
Number->	3500	1275	1200	800	345	50	2330	1500	11000

Expenditure on maintenance-during 1st year () -Rs. 55,200-00

Plants planted : week/mm/yy... 7/2015

Species->	Kaul	Chulli	Deodar	—	—	—	Total
Number->	1885	725	400	—	—	—	3010

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....



Species->							Total
Number->							

Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

Species->							Total
Number->							

Dated Signature

Name F.G.  Dy. Ranger Range Officer 

Patti (2014-15)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmau
Name of Range	Bharmau
Name of CA site	Patti (2014-15)
Name of Forest	Falsa DPF
Compartment no.	-
Area of Patch (As Per Record)	01 Hec.
No. of Plants Planted: (As Per Journal/Record)	1100
Species Planted (As per Record)	Deodar, Kail, 4C Nut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Patti 01
Photograph of Sample Plot (Minumum 04)	Patti 01 01 " 01 02
Latitude of Sample Plot	32 26 19 30
Longitude of Sample Plot	76 22 37 31


R. O. Bharmour

Signature and Name of SFD Official

Designation:


JTA

Signature and Name of Inspecting Officer of FSI Official

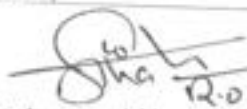
Designation:

27/05/22

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kaula	0756	075
2	Deodar	0241	025
3	Kail	0926	098
4	Deodar	0241	125
5	?	0241	170
6	Kail	0926	076
7	Deodar	0241	170
8	?	0241	140
9	Kail	0926	180
10	Deodar	0241	210
11	?	0241	090
12	?	0241	140
13	?	0241	180
14	Kail	0926	130
15	?	0926	110
16	?	0926	135
17	Deodar	0241	370
18	?	0241	240
19	?	0241	098
20	?	0241	075
21	?	0241	310
22	Kail	0926	130
23	?	0926	090
24	?	0926	325
25	?	0926	340


 Signature and Name of SFD Official
 R. D. Bhatnagar

Designation:





 Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	365
27	?	0241	250
28	?	0241	220
29	Kail	0926	140
30	Deodar	0241	230
31	?	0241	095
32	?	0241	170
33	?	0241	160
34	?	0241	095
35	?	0241	075
36	Kail	0926	110
37	Deodar	0241	080
38	?	0241	295
39	?	0241	260
40	?	0241	098
41	?	0241	270
42	Kail	0926	065
43	?	0926	040
44	Kaula	0756	110
45	Kail	0926	360
46	?	0926	310
47	?	0926	170
48	?	0926	270
49	?	0926	230
50	?	0926	210


 Signature and Name of SFD Official

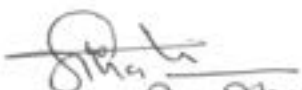
Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets): Patti (Gate)

1. Slope → slope of 36° , so Block dimension adjusted to 27.64m.
2. Rock → instead of 22.36m OS area rocky Terrain.
3. Undergrowth → scanty.
4. Maintenance - well maintained.
5. Road distance - On Road.
6. Fencing → fully fenced.
7. Gap Composition Existing → Regeneration (natural & planted).
8. Damaged Reason →
 - i Grazing - moderate.
 - ii Landslide → No landslide observed.
 - iii Fire - No fire observed.


R.D. Bhardwaj
Signature and Name of SFD Official

Designation:
Wajeeh Singh


J. A. Vimal Sharma
Signature and Name of Inspecting Officer of FSI Official

Designation: J-1A 27/05/22

Altitude 2093 mtr Longitude N. 32° 26' 17.2" Latitude E. 97° 32' 34.7"
 Aspect..... Soil type/depth.....

Total Expenditure on New Plantation -Rs. 49,932-00 072
 Plants planted during 8/2014 (week/mm/yy) Pathi - 1.00 Mar. 2014-15

Species->	<u>Decider</u>	<u>Kaif</u>	<u>Chulli</u>	-	-	-	Total
Number->	<u>300</u>	<u>400</u>	<u>400 Ms</u>	-	-	-	<u>1100 Nos</u>

Expenditure on maintenance-during 1st year () -Rs.....

Plants planted : week/mm/yy.....

Species->							Total
Number->							

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....

Species->							Total
Number->							

Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

Species->							Total
Number->							

Dated Signature

Name
Harbanschand

Harbanschand
 F.G.

[Signature]
 Dy. Ranger

[Signature]
 Range Officer

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Blairmore.
Name of Range	Swai
Name of CA site	Gudeth (2014-15)
Name of Forest	Dighu Charan Phat DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kail, Chulli, H. Chest, Walnut, Cil, Dreak.
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Gudeth 01
Photograph of Sample Plot (Minumum 04)	Gudeth 01 01 " 01 02.
Latitude of Sample Plot	32 27 23 83
Longitude of Sample Plot	T6 24 12 56


Signature and Name of SFD, Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

26/5/22

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Chi's	0929	140
2	?	0929	090
3	?	0929	098
4	Kail	0926	110
5	?	0926	117
6	?	0926	240
7	?	0926	310
8	Dendus	0241	015
9	?	0241	060
10	?	0241	061
11	?	0241	045
12	?	0241	040
13	?	0241	106
14	?	0241	110
15	Kail	0926	115
16	Chi's	0929	340
17	Kail	0926	110
18	?	0926	118
19	?	0926	096


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:
2 | Page

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur
Name of Range	Sasai
Name of CA site	Gudeth (2014-15)
Name of Forest	Dighu Chahan Phat DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	deodar, Kail, Chulli, H.C.Nut, Walnut, Chil, Dheela
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Gudeth 02.
Photograph of Sample Plot (Minumum 04)	Gudeth 0201 0202.
Latitude of Sample Plot	32 27 17 69
Longitude of Sample Plot	76 24 04 37


Signature and Name of SFD Official

Designation:



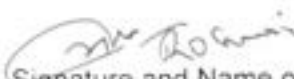

Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Chis	0929	170
2	"	0929	130
3	"	0929	110
4	"	0929	095
5	Kuil	0926	090
6	"	0926	085
7	"	0926	071
8	"	0926	088
9	"	0926	065
10	Devdas	0241	096
11	"	0241	105
12	"	0241	110
13	"	0241	117
14	"	0241	108
15	Kuil	0926	105
16	"	0926	140
17	"	0926	065
18	"	0926	090


Signature and Name of SFD Official


Designation:  


Signature and Name of Inspecting Officer of FSI Official

Designation:
2 | Page

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmou
Name of Range	Suai (2014-15)
Name of CA site	Gudeth
Name of Forest	Dighu Charan Phat DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Deodar, Kail, Chulli, H. Walnut, Walnut, CHIT, Rose
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Gudeth 03.
Photograph of Sample Plot (Minumum 04)	Gudeth 0301 " 0302.
Latitude of Sample Plot	32.273071
Longitude of Sample Plot	76.243131


Signature and Name of SFD, Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	130
2	"	0241	095
3	"	0241	130
4	Kail	026	110
5	"	026	096
6	"	026	088
7	"	026	075
8	"	026	065
9	"	026	070
10	"	026	075
11	"	026	130
12	"	026	135
13	Deodar	0241	065
14	"	0241	086
15	"	0241	090
16	"	0241	105
17	"	0241	098
18	Kail	026	048


 Signature and Name of SFD Official
 Designation:





 Signature and Name of Inspecting Officer of FSI Official
 Designation:
 2 | Page

Maglaun (2015-16)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmsen.
Name of Range	Snai
Name of CA site	Maglaun (2015-16)
Name of Forest	Rani ki Dhar (DPF)
Compartment no.	-
Area of Patch (As Per Record)	10 Hec
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, H. Nut, Chalk, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Maglaun 01
Photograph of Sample Plot (Minumum 04)	Maglaun 01 01 " 01 02
Latitude of Sample Plot	32 24 03 67
Longitude of Sample Plot	76 25 05 15


Signature and Name of SFD Official

Designation:



 01/6/22
Signature and Name of Inspecting Officer of FSI Official


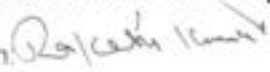
Designation: JTA


1 | Page

Brief Note on CA Site (In Bullets):

Gudeth. (C.1)

1. Slope → Due to slope 38', block dimensions adjusted to 28.37m instead of 22.38m.
2. Rock → Approx. 10% area of CA site
3. Maintenance → approx. 50% site maintained, other portions prone to landsliding and grazing
4. Fencing → 30% of fencing uprooted due to landsliding.
5. Road distance → On Road.
6. Understorey - moderate.
7. Crop (Existing) - Mixed Timber.
8. Damaged Reason →
 - i. Grazing → mild
 - ii. Fire - No fire
 - iii. Landsliding → 40% area of site under landsliding.


Signature and Name of SFD Official
Designation: 

 J.T.A. VINAY SHARMA
Signature and Name of Inspecting Officer of FSI Official
Designation: J.T.A. 26/5/24

Altitude 1418 mtr. Longitude N: 32° 27' 28.2" Latitude E: 76° 24' 24.8" ^{1/4}

Aspect North East Soil type/depth Deep soil

Total Expenditure on New Plantation -Rs. 4,37,919/- ^{End of 10th 2014-15}

Plants planted during 2014-15 (week/mm/yy)

Species->	Deodar	1000	Chil	W. Caml	W. Mul	Chulli	Dank	Total
Number->	3200	2000	1500	2000	1000	1000	200	11000

Expenditure on maintenance-during 1st year (2015-16) -Rs. 31,788/-

Plants planted : week/mm/yy July-2015

Species->	Deodar						Total
Number->	400	-	-	7	-	-	400

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	Deo	-	-	-	-	-	Total
Number->	1250	-	-	-	-	-	1250

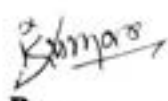
Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	EWCM	Chil					Total
Number->	150	200	-	-	-	-	350

Dated Signature

Name 
 F.G. R/Kothia
 Dy. Ranger


 Dy. Ranger
 B.O. R/Kothia


 Range Officer

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kaula	0756	430
2	"	0756	310
3	"	0756	270
4	Decidax	0241	170
5	"	0241	130
6	Kaula	0756	190
7	"	0756	230
8	"	0756	380
9	"	0756	270
10	Robinia	1047	240
11	"	1047	360
12	"	1047	240
13	Kaula	0756	210
14	"	0756	240
15	Khumani'	0969	098
16	"	0969	110
17	Decidax	0241	170
18	"	0241	140
19	Robinia	1047	210
20	"	1047	350
21	Khumani'	0969	118
22	"	0969	098
23	"	0969	116
24	Kaula	0756	170
25	"	0756	230


Signature and Name of SFD Official


Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Robinia	1047	280
27	?	1047	140
28	?	1047	190
29	?	1047	370
			

Signature and Name of SFD Official

Designation:

[Handwritten Signature]
[Handwritten Designation]

Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur.
Name of Range	Snai
Name of CA site	Maglaun. (2015-16)
Name of Forest	Ran ki Dhar DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Chulli, HC Nut, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Maglaun 02.
Photograph of Sample Plot (Minumum 04)	Maglaun 0201 0202
Latitude of Sample Plot	32241732
Longitude of Sample Plot	76250620.


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

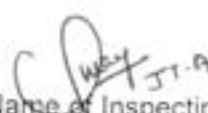
Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Robinia	1047	410
2	?	1047	380
3	?	1047	376
4	?	1047	420
5	?	1047	290
6	?	1047	260
7	?	1047	290
8	?	1047	250
9	?	1047	320
10	?	1047	375
11	?	1047	118
12	?	1047	390
13	?	1047	360
14	?	1047	340
15	?	1047	270
16	?	1047	230
17	?	1047	470
18	?	1047	395
19	?	1047	275
20	?	1047	475
21	?	1047	430
22	?	1047	280


Signature and Name of SFD Official

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur.
Name of Range	Suai
Name of CA site	Magloun. (2015-16)
Name of Forest	Rani ki Dhar DPE
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Chulli, HC.Nut, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Magloun 03
Photograph of Sample Plot (Minumum 04)	Magloun 0301 " 0302
Latitude of Sample Plot	32240031
Longitude of Sample Plot	76250686


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Robinia	1047	270
2	"	1047	430
3	Kaula	0756	270
4	"	0756	210
5	Deodars	0241	078
6	"	0241	310
7	Kaula	0756	380
8	"	0756	270
9	"	0756	310
10	Deodars	0241	110
11	"	0241	118
12	"	0241	098
13	"	0241	078
14	"	0241	115
15	Robinia	1047	370
16	"	1047	280
17	"	1047	278
18	"	1047	270
19	Kaula	0756	275
20	Deodars	0241	380
21	Kaula	0756	210

 Signature and Name of SFD Official

Designation:

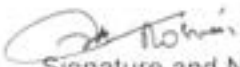
 

 Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

1. Slope = Due to slope of 39° , block dimension adjusted to 28.77 m instead of 22.36 m.
2. Road distance \rightarrow Less than 01 km.
3. Understorey - moderate
4. Existing Crop \rightarrow Mixed Timber.
5. Fencing \rightarrow approx. 70% plot site fenced.
6. Maintenance \rightarrow ^{Due to} Heavy grazing maintenance is not upto mark only 50% site maintained.
7. Rock - 10% of CA site is Rocky terrain.
8. Damaged Reason \rightarrow
 - i. Grazing - Heavy
 2. Fire - Moderate.
 3. Landsliding - Not Found.


Signature and Name of SFD Official

Designation: 


Signature and Name of Inspecting Officer of FSI Official

Designation: J.T.A

Elevation 2096 mt Longitude 32° 24' 100 Latitude 076° 24' 59"
 Aspect --- Soil type/depth Samb. s.w.

Total Expenditure on New Plantation -Rs. 367967/-
 Plants planted during 7/2015 (week/mm/yy)

Species->	Deo	Chuli	NR Deo	HCV	Rob		Tot
Number->	5500	1500	2000	1800	200		11,000

Expenditure on maintenance-during 1st year () -Rs. 34817/-
 Plants planted : week/mm/yy 19/2016

Species->	HCV	Chuli					Total
Number->	1000	300					1300

Expenditure on maintenance-during 2nd year () -Rs. 25296/-
 Plants planted : week/mm/yy 7/16/17

Species->	HCV	Chuli					Total
Number->	600	495					1095

Expenditure on maintenance-during 3rd year () -Rs.
 Plants planted : week/mm/yy

Species->	Deo						Total
Number->	900						900

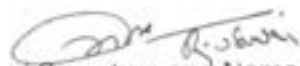
Dated Signature

Name [Signature] Dy. Ranger Range Officer
 F.G. [Signature]

Jagat 2014-15

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur
Name of Range	Suain
Name of CA site	Jagat (2014-15)
Name of Forest	Massoodi DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	deodar, Chai, H. Nut, Chulli, Kail, Allenthus.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Jagat 01
Photograph of Sample Plot (Minumum 04)	Jagat 01 01 " 01 02
Latitude of Sample Plot	3226 0390
Longitude of Sample Plot	7623 4380


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

31/05/22

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharman
Name of Range	Swai
Name of CA site	Jogat 2017-15
Name of Forest	Masoodi DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Deodar, Chuki, Chil, H. cntt, Kail, Allenthus.
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Jogat 02
Photograph of Sample Plot (Minumum 04)	Jogat 0201 .. 0202
Latitude of Sample Plot	3226 0318
Longitude of Sample Plot	7623 4080.


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

11 Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Ailanthus	0046	075
2	"	0046	067
3	"	0046	081
4	"	0046	090
5	"	0046	067
6	"	0046	058
7	"	0046	068
8	"	0046	091
9	"	0046	075
10	Chix	0929	071
11	"	0929	091
12	"	0929	066
13	"	0929	067
14	"	0929	090
15	"	0929	110
16	"	0929	061




 Signature and Name of SFD Official
 Designation:



 Signature and Name of Inspecting Officer of FSI Official
 Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kail	0926	078
2	Ailanthus	0046	110
3	?	0046	130
4	?	0046	270
5	?	0046	180
6	?	0046	140
7	?	0046	115
8	?	0046	110
9	?	0046	107
10	Deodux	0241	098
11	?	0241	090
12	?	0241	091
13	?	0241	048
14	?	0241	051
15	?	0241	067
16	Kail	0926	170
17	?	0926	230


Signature and Name of SFD Official

Designation:




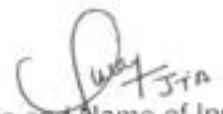

Signature and Name of Inspecting Officer of FSI Official

Designation:


Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour.
Name of Range	Swai.
Name of CA site year.	Thapnai 2015. <u>Thatta P o w</u>
Name of Forest	Thalla Part D
Compartment no.	II
Area of Patch (As Per Record)	124ec.
No. of Plants Planted: (As Per Journal/Record)	13200.
Species Planted (As per Record)	Acacia, Kail, Rsetha, H.C.Nut, Robinia, Albenthus.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Thapnai 01.
Photograph of Sample Plot (Minumum 04)	Thapnai 01/01 " 02/02.
Latitude of Sample Plot	32283800
Longitude of Sample Plot	76261750.


Signature and Name of SFD Official
Designation:


Signature and Name of Inspecting Officer of FSI Official
Designation: 31/05/22

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Robinia	1047	110
2	"	1047	090
3	"	1047	170
4	Kaula	0756	130
5	"	0756	110
6	Ailanthus	0046	240
7	"	0046	210
8	Robinia	1047	390
9	"	1047	170
10	"	1047	130
11	Maid	0926	108
12	"	0926	098
			


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:





Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur.
Name of Range	Surai
Name of CA site	Thapnai
Name of Forest	Thalla Part II
Compartment no.	II
Area of Patch (As Per Record)	12 Hec
No. of Plants Planted: (As Per Journal/Record)	13200
Species Planted (As per Record)	Deodar, Kail, Reetha, HEN, Chulli, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Thapnai 02.
Photograph of Sample Plot (Minumum 04)	Thapnai 02.01 " 02.02.
Latitude of Sample Plot	32.283277
Longitude of Sample Plot	76.261537


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Robinia	1047	310
2	?	1047	570
3	?	1047	610
4	?	1047	470
5	?	1047	350
6	?	1047	460
7	?	1047	530
8	?	1047	620
9	Ailanthus	0046	710
10	?	0046	460
11	?	0046	390
12	Robinia	1047	410
13	?	1047	290
/			



Signature and Name of SFD Official

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour
Name of Range	Surai
Name of CA site	Thapnai
Name of Forest	Thalla. Part II
Compartment no.	II
Area of Patch (As Per Record)	12 Hec.
No. of Plants Planted: (As Per Journal/Record)	13200.
Species Planted (As per Record)	Deodar, Kail, Reetha, H. Nut, Robinia, Alenthus
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Thapnai 03.
Photograph of Sample Plot (Minumum 04)	Thapnai 03 01 " 03 02
Latitude of Sample Plot	3228 41 03
Longitude of Sample Plot	7626 17 59


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

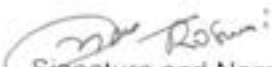
Designation:

11 Page



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Robinia	1047	710
2	"	1047	630
3	"	1047	590
4	"	1047	680
5	"	1047	440
6	"	1047	610
7	"	1047	560
8	"	1047	670
9	"	1047	710
10	Ailanthus	0046	680
11	"	0046	480
12	Robinia	1047	570
13	"	1047	630
14	"	1047	730
15	"	1047	670
16	"	1047	580
17	"	1047	490
18	"	1047	510
19	"	1047	630
20	"	1047	740
21	"	1047	640
22	"	1047	570
23	"	1047	530
24	"	1047	480
25	"	1047	390


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Robinia	1047	270
27	"	1047	410
28	"	1047	390
29	"	1047	490
30	"	1047	530
31	"	1047	520
32	"	1047	510
33	Ailanthus	0046	610
34	Robinia	1047	380
35	"	1047	480
36	"	1047	530
37	"	1047	430
38	"	1047	410
39	"	1047	390
40	"	1047	570
41	"	1047	460
42	"	1047	420
43	"	1047	410
44	"	1047	370
45	"	1047	390


Signature and Name of SFD Official


Signature and Name of Inspecting Officer of FSI Official


Designation:

Designation:



Brief Note on CA Site (In Bullets): (Thapnai)

1. Slope \rightarrow due to slope of 49° , block dimension adjusted to 34.08 m instead of 22.28 m.
2. Rock \rightarrow approx 20% area of CA site
3. Undergrowth \rightarrow moderate
4. Maintenance \rightarrow some part approx 60% maintained, other part is under heavy grazing.
5. Fencing \rightarrow Fenced but 10% fencing is uprooted due to landsliding.
6. Existing Crop - Pole crop composition
7. Road distance. On road.
8. Damaged reason -
 - i. Grazing - moderate
 - ii. Landsliding \rightarrow no landsliding found in site.
 - iii. Fire \rightarrow mild.


Signature and Name of SFD Official
Designation: R. Rohini, SFD


Signature and Name of Inspecting Officer of FSI Official
Designation: J.T.A. 31/5/22

Latitude... 19° 8' N Longitude 32° 28' 18" ... Latitude 076° 26' 24.5"
 Slope... 11.1% Steep Aspect... Southern Soil type/depth... shale State...
 Thapnai CA 12 hect-20

Total Expenditure on New Plantation -Rs. 3,38,091/-
 Plants planted during July-Dec/2015... (week/mm/yy)

Species->	Deodar	Kail	Retha	HCN	Chulli	Robinga	Total
Number->	2300	2600	2500	2804	2300	696	13200

Expenditure on maintenance-during 1st year (2016-17) -Rs. 75,717/-

Plants planted : week/mm/yy... July 2016 Feb 2017

Species->	Kail	Deo	HCN	Ritha			Total
Number->	1550	300	800	400			

Expenditure on maintenance-during 2nd year (18025/-) -Rs.

Plants planted : week/mm/yy... 2017-18

Species->	Ritha	HCN					Total
Number->	500	260					760

Expenditure on maintenance-during 3rd year () -Rs.

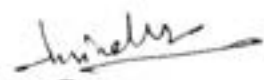
Plants planted : week/mm/yy... 2018-19

Species->	Robing	J/Length	-	-	-	-	Total
Number->	300	850	-	-	-	-	1150

Dated Signature

Name 

F.G.


 Dy. Ranger
 B.O. Hyderabad


 Range Officer



Thalla (2014-15)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Shimla
Name of Range	Swain
Name of CA site Year	Thalla (2014-15)
Name of Forest	Thalla DF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000-
Species Planted (As per Record)	deodar, Ban Oak, H. cutt Chulli, Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Thalla 01
Photograph of Sample Plot (Minimum 04)	Thalla 0101 Thalla 0102
Latitude of Sample Plot	32 28 55 00
Longitude of Sample Plot	76 26 25 81


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:

1 Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	075
2	"	0241	080
3	"	0241	110
4	"	0241	060
5	"	0241	098
6	"	0241	105
7	"	0241	116
8	"	0241	065
9	"	0241	048
10	"	0241	096
11	"	0241	060
12	"	0241	087
13	"	0241	090
14	"	0241	110
15	"	0241	045
16	Kail	0926	115
17	"	0926	090
18	"	0926	065
19	"	0926	060
20	Deodar	0241	076
21	"	0241	060
22	"	0241	110
23	"	0241	095
24	"	0241	065


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:



Integrated Regional Office, Shimla
Inspection Report of CA site


Division Name:	Bhimnagar.
Name of Range	Swain.
Name of CA site	Thalla (2014-15)
Name of Forest	Thalla DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	decid. Chalk, Ban Oak, H.c nut, wallnut.
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Thalla 02.
Photograph of Sample Plot (Minumum 04)	Thalla 0201 Thalla 0202
Latitude of Sample Plot	32.285209
Longitude of Sample Plot	76.262423


Signature and Name of SFD Official

Designation:






 JTA
Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Ku'il	0926	096
2	"	0926	070
3	"	0926	067
4	Deodar	0241	098
5	"	0241	110
6	"	0241	049
7	"	0241	061
8	"	0241	071
9	"	0241	058
10	Ri'tha	1073	061
11	"	1073	070
12	Deodar	0241	086
13	"	0241	091
14	"	0241	098
15	"	0241	080
16	Ku'il	0926	076
17	"	0926	068
18	"	0926	108
19	"	0926	100

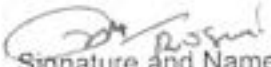

Signature and Name of SFD Official
Designation:


Signature and Name of Inspecting Officer of FSI Official
Designation:



Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Gharmay.
Name of Range	Swain
Name of CA site	Thalla. 2014-15
Name of Forest	Thalla DPF
Compartment no.	Thalla 1
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Decid. = , Ben Oak, H.C Nut, Walnut chuli
Spacing of Plants (As Per Record)	NOT mentioned in Journal.
Sample Plot no.	Thalla 03
Photograph of Sample Plot (Minumum 04)	Thalla 0301 Thalla 0302
Latitude of Sample Plot	3228 59.87
Longitude of Sample Plot	7626 22 32 .


Signature and Name of SFD Official

Designation:







Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Ka'il	0926	240
2	"	0926	110
3	"	0926	140
4	"	0926	170
5	"	0926	098
6	"	0926	090
7	"	0926	117
8	"	0926	210
9	Decadax	0241	078
10	"	0241	108
11	"	0241	075
12	"	0241	060
13	"	0241	080
14	"	0241	170
15	Ka'il	0926	140


 Signature and Name of SFD Official

Designation:


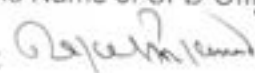

 Signature and Name of Inspecting Officer of FSI Official


Designation:




Brief Note on CA Site (In Bullets): Thalle.

1. Slope - Due to slope of 48° , block dimension adjusted to 33.42 m instead of 22.36
2. Rock - 30% rocky terrain of CA site.
3. Maintenance - approx. 40% site maintained, other part is prone to heavy grazing and landsliding.
4. Road Distance - On road.
5. Understorey - Scanty.
6. Existing crop \rightarrow Regeneration. Crop (Tree).
7. Fencing - fully fenced.
8. Damaged Reason -
 1. Grazing - heavy.
 2. Landsliding - 15% area of CA site prone already occurred at 02 points.
 3. Fire. \rightarrow No fire.


Signature and Name of SFD Official
Designation: 


Signature and Name of Inspecting Officer of FSI Official
Designation: J.T.A. 31/5/22

Altitude.....1962 mtrs.....Longitude N. 32° 28' 9.42" ... Latitudes... 076° 24' 33.14" ...
 Slope...Very steep..... Aspect...Southern..... Soil type/depth Deep soil...

Total Expenditure on New Plantation -Rs...4,59,906/- Thulla CA 10 Ha. 2014-15
 Plants planted during Feb 14/15 .. (week/mm/yy)

Species->	<u>Doodh</u>	<u>Ban</u>	<u>W. Gant</u>	<u>W. Mah</u>	<u>Chulli</u>		Total
Number->	<u>7200</u>	<u>400</u>	<u>1150</u>	<u>450</u>	<u>1300</u>		<u>10000.00</u>

Expenditure on maintenance-during 1st year () -Rs.....
 Plants planted : week/mm/yy.....

Species->	<u>Deo</u>	<u>Roetha</u>	<u>Owek</u>	<u>Chulli</u>		Total
Number->	<u>700</u>	<u>475</u>	<u>1100</u>	<u>300</u>		

Expenditure on maintenance-during 2nd year () -Rs...41400/-.....
 Plants planted : week/mm/yy...July 2016 Feb 2017

Species->	<u>Kail</u>	<u>Ritha</u>				Total
Number->	<u>1325</u>	<u>300</u>				

Expenditure on maintenance-during 3rd year () -Rs...18600/-.....
 Plants planted : week/mm/yy...Aug 2018.....

Species->	<u>Deo</u>	<u>Kail</u>				Total
Number->	<u>350</u>	<u>200</u>				

Dated Signature

Name

[Signature]
F.G.

[Signature]
Dy. Ranger


[Signature]
Range Forest Officer
Swar (Gazole)
Range Officer


[Signature]

Bantock (2014-15)

Integrated Regional Office, Shimla
Inspection Report of CA site

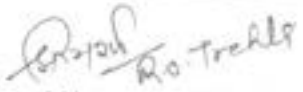
Division Name:	Bharmour
Name of Range	Trehta
Name of CA site Year	Bantock 2014-15
Name of Forest	Gumud DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kail, H.C Nut, Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Bantock 01
Photograph of Sample Plot (Minimum 04)	Bantock 0101 .. 0102.
Latitude of Sample Plot	32 18 46 65
Longitude of Sample Plot	76 34 11 88

Signature and Name of SFD Official

 Designation: Suresh Kumar Sharma

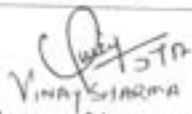
Signature and Name of Inspecting Officer of FSI Official

 Designation: 26/SP2

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	250
2	"	0241	225
3	"	0241	330
4	"	0241	210
5	"	0241	370
6	"	0241	090
7	"	0241	050
8	"	0241	420
9	"	0241	180
10	"	0241	270
11	"	0241	090
12	"	0241	440
13	"	0241	120
14	"	0241	110
15	"	0241	090
16	"	0241	070
17	"	0241	065
18	"	0241	110
19	"	0241	120
20	"	0241	140
21	"	0241	190
22	"	0241	110
23	"	0241	070
24	"	0241	060
25	"	0241	050


Signature and Name of SFD Official

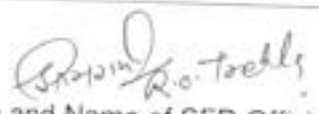
Designation:


Signature and Name of Inspecting Officer of FSI Official


Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	040
27	"	0241	065
28	"	0241	055
29	"	0241	035
30	"	0241	080
31	"	0241	310
32	"	0241	065
33	"	0241	120
34	"	0241	180
35	"	0241	060
36	"	0241	050
37	"	0241	045
38	"	0241	270
39	"	0241	340
40	"	0241	150
41	"	0241	190
42	"	0241	090
43	Robinia	1047	390
44	"	1047	109
45	Deodar	0241	080
46	"	0241	430
47	"	0241	080
48	"	0241	090
49	"	0241	110
50	"	0241	085


 Signature and Name of SFD Official

Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
51	Deodar	0241	080
52	"	0241	220
53	"	0241	210
54	"	0241	215
55	"	0241	320
56	"	0241	310
57	"	0241	190
58	"	0241	310
59	"	0241	120
60	"	0241	170
61	"	0241	065
62	"	0241	280
63	"	0241	575
64	"	0241	065
65	"	0241	075
66	"	0241	310
67	"	0241	190
68	"	0241	065

Signature and Name of SFD Official
Shashi R. Trehla

Designation:


(Handwritten marks)

Signature and Name of Inspecting Officer of FSI Official
Vinay Charma

Designation:


Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmau.
Name of Range	Trehta.
Name of CA site YEAR	Bantoch (2014-15)
Name of Forest	Gumad DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kail, H.C Nut, Walnut.
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Bantoch 02
Photograph of Sample Plot (Minumum 04)	Bantoch 02 01 02 02.
Latitude of Sample Plot	3218 46.92
Longitude of Sample Plot	7634 09.06


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Decid	0241	110
2	"	0241	270
3	"	0241	086
4	"	0241	067
5	"	0241	350
6	"	0241	470
7	"	0241	390
8	"	0241	280
9	"	0241	210
10	"	0241	215
11	"	0241	370
12	"	0241	078
13	"	0241	098
14	"	0241	116
15	"	0241	130
/			

[Signature]
A. V. Trells

Signature and Name of SFD Official

Designation:

[Signature]
3

[Signature] JTA

Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bhamraur.
Name of Range	Tuchla.
Name of CA site	Bantoch 2014-15
Name of Forest	Govind DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kael. HL Nut. Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Bantoch 03
Photograph of Sample Plot (Minimum 04)	Bantoch 0301 " 0302.
Latitude of Sample Plot	32184684
Longitude of Sample Plot	76341350.

Rishi R. Treha

Signature and Name of SFD Official

Designation:

[Signature]

[Signature]

Vinay Sharma


Signature and Name of Inspecting Officer of FSI Official

Designation:

11 Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	110
2	Kaula	0756	090
3	"	0756	130
4	"	0756	150
5	Deodar	0241	040
6	Kaula	0756	160
7	"	0756	150
8	Deodar	0241	090
9	"	0241	110
10	"	0241	270
11	"	0241	050
12	"	0241	045
13	Kail	0926	040
14	Deodar	0241	110
15	Kaula	0756	091
16	Deodar	0241	028
17	Kail	0926	090
18	Deodar	0241	050
19	"	0241	070
20	"	0241	410
21	"	0241	290


Signature and Name of SFD Official


Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

1. Slope \rightarrow plot slope is 27° (readjusted block 25.09 m. instead of 22.36 m)
2. Rock \rightarrow 15% Rocky terrain. (area of site)
3. Undergrowth \rightarrow Moderate.
4. Maintenance \rightarrow Acc to ^{Forest} guard Maintenance is done Every year since plantation (Maintained). bushes growth should be curtailed. (Fully maintained)
5. Road Distance \rightarrow less than 01 km.
6. Existing Crop \rightarrow Small timber.
7. Fencing \rightarrow Fencing is there (Existing), (full site covered)
8. Damaged Crop Reason \rightarrow (i) Grazing \rightarrow moderate
(ii) Landsliding \rightarrow 10% area landsliding prone. (Already sited at some places)
(iii) Fire \rightarrow No fire.

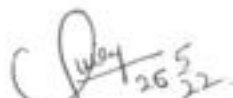

S. K. Sharma
S. K. Sharma

Signature and Name of SFD Official

Designation:






Vijay Sharma
26/5/22

Signature and Name of Inspecting Officer of FSI Official

Designation:

Bantosh C.A 10hect

102

1875 mtr
North to steep

Longitude 32° 18' 74" ... Latitude 076° 34' 195"

Aspect north east ... Soil type/depth Sandy loamy

Expenditure on New Plantation -Rs. 521550/- only
planted during 8/12/2019 (week/mm/yy)

Species->	Deodar	Kalp	H.C.N.	W/ruel	Robitrus	-	Total
Number->	6200	1500	1300	1000	1000	-	11000 No.

Expenditure on maintenance-during 1st year () -Rs. 36268-w

Plants planted : week/mm/yy.....

Species->	Deodar	-	-	-	-	-	Total
Number->	590	-	-	-	-	-	590 No

Expenditure on maintenance-during 2nd year () -Rs. 38111-w

Plants planted : week/mm/yy.....

Species->	Deodar	-	-	-	-	-	Total
Number->	2500	-	-	-	-	-	2500 No

Expenditure on maintenance-during 3rd year () -Rs. 25198-w

Plants planted : week/mm/yy.....

Species->	Deodar	-	-	-	-	-	Total
Number->	542	-	-	-	-	-	542 No

Dated Signature


F.G.

Dy. Ranger

Range Officer

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bhairmouli
Name of Range	Surai
Name of CA site	Khaneg (2015-16)
Name of Forest	Gamsa DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, HC Nut, Chull, Robinia, Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Khaneg 01
Photograph of Sample Plot (Minumum 04)	Khaneg 01 01 " 01 02
Latitude of Sample Plot	32241434
Longitude of Sample Plot	76245406


Signature and Name of SFD Official

Designation:



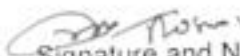

Signature and Name of Inspecting Officer of FSI Official

Designation: J. T. A

IPAG:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	310
2	"	0241	170
3	"	0241	098
4	Fir	0001	130
5	"	0001	235
6	"	0001	210
7	"	0001	098
8	"	0001	090
9	"	0001	110
10	"	0001	140
11	Deodar	0241	310
12	"	0241	270
13	"	0241	092
14	"	0241	070
15	"	0241	110
16	"	0241	117
17	"	0241	230
18	"	0241	210
19	Fir	0001	110
20	"	0001	117
21	"	0001	210
22	"	0001	091
23	"	0001	117
24	"	0001	140
25	"	0001	280


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	110
27	?	0241	390
28	Fis	0001	280
29	?	0001	210
30	Deodar	0241	105
31	?	0241	090
32	?	0241	076
/			


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur
Name of Range	Savai
Name of CA site	Khaneg (2015-16)
Name of Forest	Samra OPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, HG Nut, Chulli, Robinia, Holnut
Spacing of Plants (As Per Record)	not mentioned in journal.
Sample Plot no.	Khaneg 02
Photograph of Sample Plot (Minumum 04)	Khaneg 0201 " " 0202.
Latitude of Sample Plot	32241337.
Longitude of Sample Plot	76244642


Signature and Name of SFD Official

Designation:






Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Fir	0001	170
2	"	0001	108
3	"	0001	130
4	"	0001	210
5	Deodar	0241	118
6	"	0241	110
7	"	0241	105
8	"	0241	108
9	"	0241	115
10	Fir	0001	078
11	"	0001	070
12	"	0001	068
13	"	0001	072
14	"	0001	070
15	"	0001	088
16	Deodar	0241	110
17	"	0241	068
18	"	0241	070
19	"	0241	060
20	"	0241	061
21	Fir	0001	270
22	"	0001	210
23	"	0001	095
24	"	0001	310
25	"	0001	0210


Signature and Name of SFD Official

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

SI.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	068
27	7	0241	078
28	7	0241	091

 Signature and Name of SFD Official

Designation:


 Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour
Name of Range	Swai
Name of CA site	Khang 2015-16
Name of Forest	Samra DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, He Nut, Chuli, Robinia, Halmut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Khang 03.
Photograph of Sample Plot (Minumum 04)	Khang 0301 " 0302
Latitude of Sample Plot	322409 06
Longitude of Sample Plot	7624 5796.


Signature and Name of SFD Official

Designation:






Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	270
2	?	0241	117
3	?	0241	078
4	?	0241	090
5	?	0241	110
6	?	0241	130
7	?	0241	115
8	Fig	0001	410
9	?	0001	230
10	Deodar	0241	078
11	?	0241	117
12	?	0241	075
13	?	0241	065
14	?	0241	130
15	?	0241	270
16	?	0241	240
17	Fig	0001	117
18	?	0001	065
19	?	0001	390
20	?	0001	118
21	?	0001	210
22	?	0001	270
23	Deodar	0241	110
24	?	0241	075
25	?	0241	080


Signature and Name of SFD Official

Designation:





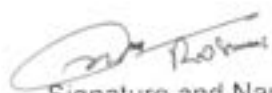
Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

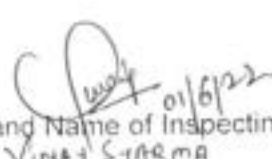
Khanog site

1. Slope - Due to slope of 32% block dimension adjusted to 2637m instead of 22.36m.
2. Rock - 05% area of CA site.
3. Understorey - moderate vegetation
4. Maintenance - not maintained, bushes growth is hampering plant growth in some part.
5. Road Distance - On road.
6. Fencing - 80% fenced, 20% fencing uprooted due to landslide.
7. Existing crop - Mixed timber.
8. Damaged Reason -
 - i Grazing - Moderate.
 - ii Fire - No fire.
 - iii landslide - 10% landslided area.



Signature and Name of SFD Official

Designation: Rakesh Kumar



Signature and Name of Inspecting Officer of FSI Official

Designation: JTA

Altitude... 2187 Longitude... 22° 24' 37.3" Latitude... 076° 24' 46"
 Slope... Very steep to deep slope Aspect... North western Soil type/depth... Clay, rocks
 100m to 200m

Total Expenditure on New Plantation -Rs. 9,84,295.00
 Plants planted during... Dec-Jan/05..... (week/mm/yy)

Species->	Deodar	Deodar N/Best	HCN	Chulli	Rob	Walnut
Number->	3600	2500	2600	2500 500	400	1400

Expenditure on maintenance-during 1st year (2016-17) -Rs.....

Plants planted : week/mm/yy July 2016.....

Species->	Deo					Total
Number->	1325					1

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	HCN	Chulli				Total
Number->	550	55				1105

Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

Species->	Deo					Total
Number->	1325	-	-	-	-	1325

Dated Signature

Name




F.G.


 Dy. Ranger
 B. O. R. Kothri


Range Officer

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur.
Name of Range	Swain.
Name of CA site	Jiura. (2014-15)
Name of Forest	Jiura DPE - -
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Needle, Kail, HCN, Chilli, Oak
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Jiura 010
Photograph of Sample Plot (Minimum 04)	Jiura 0101 " 0102
Latitude of Sample Plot	32 24 02 89
Longitude of Sample Plot	76 28 36 06.


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation: 30/5/22

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	098
2	?	0241	170
3	?	0241	145
4	Kail	0926	230
5	?	0926	115
6	?	0926	210
7	Deodar	0241	098
8	?	0241	130
9	?	0241	180
10	Kail	0926	310
11	Deodar	0241	170
12	Kail	0926	430
13	?	0926	270
14	Deodar	0241	180
15	Kail	0926	230
16	?	0926	117
17	?	0926	148
18	Deodar	0241	270
19	?	0241	117
20	?	0241	108
21	Kail	0926	180
22	?	0926	340
23	?	0926	280
24	Deodar	0241	190
25	?	0241	170


Signature and Name of SFD Official

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	170
27	"	0241	130
28	"	0241	098
29	"	0241	070
30	Kail	0926	110
31	"	0926	180
32	"	0926	410
33	"	0926	375


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Blaema
Name of Range	Swain
Name of CA site Year	Jiura (2014-15)
Name of Forest	Juan DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kail, H.CN, Chuli, Dheak
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Jiura 02
Photograph of Sample Plot (Minumum 04)	Jiura 0201 Jiura 0201
Latitude of Sample Plot	32 24 08 72
Longitude of Sample Plot	76 28 35 24


Signature and Name of SFD Official

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kail	0926	380
2	"	0926	270
3	"	0926	240
4	Beodas	0241	210
5	"	0241	110
6	"	0241	090
7	"	0241	130
8	"	0241	100
9	Kail	0926	090
10	"	0926	140
11	"	0926	120
12	Beodas	0241	080
13	Kail	0926	160
/			



Signature and Name of SFD Official

Designation:





Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour
Name of Range	Srain.
Name of CA site	Jiwa.
Name of Forest	Juan OPF
Compartment no.	not mentioned in Journal.
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, Kail, Chulli, Dhak, HCN
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Jiwa 03
Photograph of Sample Plot (Minimum 04)	Jiwa 0301 Jiwa 0302.
Latitude of Sample Plot	32 24 00 67
Longitude of Sample Plot	76 28 40 75


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

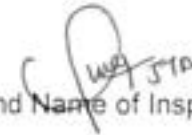
Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kail	0926	430
2	"	0926	278
3	"	0926	290
4	"	0926	340
5	Deodar	0241	190
6	"	0241	116
7	"	0241	170
8	Kail	0926	228
9	"	0926	210
10	"	0926	095
11	"	0926	110
12	"	0926	370
13	Deodar	0241	130
14	"	0241	080
15	"	0241	092
16	Kail	0926	117
17	"	0926	180
18	Deodar	0241	116
19	"	0241	210
20	Kail	0926	270
21	"	0926	350
22	"	0926	180
23	"	0926	270

 Signature and Name of SFD Official

Designation:



 Signature and Name of Inspecting Officer of FSI Official

Designation:

Brief Note on CA Site (In Bullets):

1. Slope - due to slope of 48° , block dimension adjusted to 33.42 m instead of 22.36 m.
2. Rock \rightarrow 15% of CA site
3. Understorey \rightarrow Scanty
4. Maintenance \rightarrow approx 50% site maintained.
5. Fencing \rightarrow 80% site is fenced.
6. Existing crop - mixed timber.
7. Road \rightarrow 5 to 6 km from roads.
8. Damage Reason -
 - i Grazing \rightarrow moderate
 - ii Landslide \rightarrow no found in site location
 - iii Fire \rightarrow Heavy (Acc. to forest guard fire burnt site in 2016 & 2019)


Signature and Name of SFD Official

Designation: 


Signature and Name of Inspecting Officer of FSI Official

Designation: J.T.A. 
30/5/22

Altitude 2285 mtr. Longitude 32° 24' 00" Latitude 076° 28' 35.5"

Slope Steep to Precipitation Aspect Easterm Soil type/depth clay loam

Jimra 10/10/2014-15

Total Expenditure on New Plantation -Rs. 454753.00

Plants planted during 2014-15 (week/mm/yy)

Species->	Deodar	Kail	H.C.N.	Chulli	Dreak	-	Total
Number->	6470	1230	1200	1200	900	-	11000 No

Expenditure on maintenance-during 1st year () -Rs. 52939.00

Plants planted : week/mm/yy... 2015-16

Species->	Kail	Deodar	-	-	-	-	Total
Number->	1050	600	-	-	-	-	1650 No.

Expenditure on maintenance-during 2nd year () -Rs. 44938.00

Plants planted : week/mm/yy... 2016-17

Species->	Kail	-	-	-	-	-	Total
Number->	1865	-	-	-	-	-	1865

Expenditure on maintenance-during 3rd year () -Rs. 31000.00

Plants planted : week/mm/yy... 2017-18

Species->	Deodar	-	-	-	-	-	Total
Number->	2873	-	-	-	-	-	2873

Dated Signature

Name
Ramesh Kumar


[Signature]
F.G. [Signature]

[Signature]
Dy. Ranger

[Signature]
Range Officer

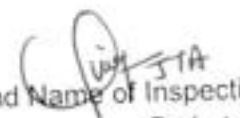
Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour.
Name of Range	Bharmour.
Name of CA site	Khani Part I
Name of Forest	Ajki DPF
Compartment no.	-
Area of Patch (As Per Record)	05 Hec
No. of Plants Planted: (As Per Journal/Record)	5500
Species Planted (As per Record)	Ban. deodar, kail. Chulli, Allenthus, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Khani Part I 01
Photograph of Sample Plot (Minumum 04)	Khani 0101 " 0102.
Latitude of Sample Plot	32 27 30.51
Longitude of Sample Plot	76 28 29 66.


Signature and Name of SFD Official

Designation:



Signature and Name of Inspecting Officer of FSI Official

Designation:

27/5/22

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
		NIL.	
	— plot	fall in Rocky	Terrain —


 Signature and Name of SFD Official
 R. Bhasmwar

Designation:





 Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour.
Name of Range	Bharmour.
Name of CA site	Khani Part I
Name of Forest	Apki OPF
Compartment no.	-
Area of Patch (As Per Record)	5 Hec.
No. of Plants Planted: (As Per Journal/Record)	5500.
Species Planted (As per Record)	Bam. Deodar, Kail, Chilly, Ailanthus, Robinia
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Khani Part I 02
Photograph of Sample Plot (Minimum 04)	Khani 0201 " 0202
Latitude of Sample Plot	32273419
Longitude of Sample Plot	76282708.


Signature and Name of SFD Official
Q.O Bharmour

Designation:


Signature and Name of Inspecting Officer of FSI Official

Designation:

|| Page:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
	— not found	any tree,	steep slope, very heavy grazing —

[Signature]
R-D Bhermoo V

Signature and Name of SFD Official

Designation:

[Signature] J+N


Signature and Name of Inspecting Officer of FSI Official

Designation:

[Signature]
[Signature]

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmou.
Name of Range	Bharmou.
Name of CA site	Khani Part I (2014-15)
Name of Forest	Apki OPF
Compartment no.	-
Area of Patch (As Per Record)	05 Hec
No. of Plants Planted: (As Per Journal/Record)	5500
Species Planted (As per Record)	Ban. deodar, Kail, Chulli, Ailanthus, Robinia.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	kin khani 03.
Photograph of Sample Plot (Minimum 04)	khani 0301 " 0302.
Latitude of Sample Plot	32272501
Longitude of Sample Plot	76283306.


R.O. Bharmour
Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

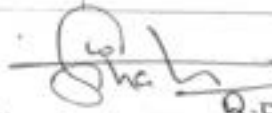
Designation:

1 | Page



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Kail	0926	110
2	"	0926	130
3	Deodar	0241	115
4	"	0241	140
5	Moru oak	1006	095
6	"	1006	090
7	"	1006	140
8	Kuil	0926	165
9	"	0926	120
10	"	0926	090
11	"	0926	080
12	"	0926	078
13	"	0926	095
14	Deodars	0241	117
15	"	0241	110
16	"	0241	111
17	"	0241	098
18	Kuil	0926	076
19	"	0926	060
20	Moru oak	1006	110
21	Kuil	0926	100


 Signature and Name of SFD Official
 Q. D. Bharamou V

Designation:




 Signature and Name of Inspecting Officer of FSI Official

Designation:
 2 | Page


Brief Note on CA Site (In Bullets):

1. Slope → due to slope = 53% ^{block} ∴ plot dimensions adjusted to 37.15 m instead of 22.36 m.
2. Rock → 40% of CA site is Rocky terrain
3. Maintenance → 35% of plot is maintained, other is not maintained due to heavy grazing.
4. Road distance - less than 01 km.
5. Existing crop → Mixed timber (only some part of CA site).
6. Undergrowth → scanty.
7. Fencing → Fenced but due to landslide at some part fencing uprooted.
8. Damaged Reason →
 - i. Grazing → Heavy grazing.
 - ii. landslide → Moderate, new road constructed in ^{lower side of} site made site more prone to landslide.
* Already Landsliding have occurred some parts.
 - (iii) Fire → No fire!


Signature and Name of SFD Official

Designation: Wajeez Singh - 3.




Signature and Name of Inspecting Officer of FSI Official

Designation: JTA 27/5/22

Altitude.....1965M..... Longitude N=32°27'31.2" ... Latitude E=076°28'29.6" :
 Slope..... Aspect..... Soil type/depth.....

Total Expenditure on New Plantation -Rs. 2,91,356/.....

Kani Part I - 57 ac
2014-15

Plants planted during..... 12.1.14..... (week/mm/yy)

Species->	Bay/Bay	Deo	Kail	Chully	Ajanta	Rab.	Total
Number->	1500	300	250	1650	1200	600	5500

Expenditure on maintenance-during 1st year () -Rs.....1,7600/.....

Plants planted : week/mm/yy.....7/15.....

Species->	Deo	Chully	-	-	-	-	Total
Number->	550	200	-	-	-	-	750 No.

Expenditure on maintenance-during 2nd year () -Rs....24,527/.....

Plants planted : week/mm/yy.....7/16.....

Species->	Kail	Deo,	Bay	Chully	Ajanta	-	Total
Number->	150	200	120	150	100	-	720 No.

Expenditure on maintenance-during 3rd year () -Rs....12,600/.....

Plants planted : week/mm/yy.....8/17.....

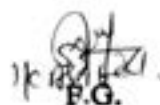
Species->	Deo	Kail	Chully	-	-	-	Total
Number->	100	100	100	-	-	-	300 No.

Dated Signature

Name






P.G.

Dy. Ranger

Range Officer

Integrated Regional Office, Shimla
Inspection Report of CA site

Andwain


Division Name:	Bhatmali
Name of Range	Tuchla
Name of CA site	Andwain (2014-15)
Name of Forest	Andwain DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Deodar, H.C. Nut, Walnut, Chulli, Adu
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Andwain 01
Photograph of Sample Plot (Minumum 04)	Andwain 0101 " 0102
Latitude of Sample Plot	32180044
Longitude of Sample Plot	76361906.

Signature and Name of SFD Official

 R. S. Tooley

Designation:



Signature and Name of Inspecting Officer of FSI Official

 25/5/22

Designation:

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
01	Deodar.	0241	090
02	"	0241	130
03	"	0241	045
04	"	0241	170
05	"	0241	220
06	"	0241	310
07	"	0241	210
08	"	0241	340
09	"	0241	290
10	"	0241	190
11	"	0241	065
12	"	0241	080
13	Kaul	0926	610
14	Deodar	0241	370
15	"	0241	180
16	"	0241	130
17	"	0241	350
18	"	0241	190
19	"	0241	210
20	"	0241	170
21	"	0241	064
22	"	0241	080
23	"	0241	110
24	"	0241	067
25	"	0241	130

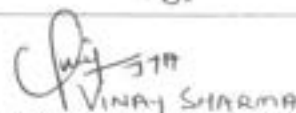
Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation:



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	080
27	"	0241	061
28	"	0241	075
29	"	0241	065
30	"	0241	220
31	"	0241	070
32	"	0241	060

Signature and Name of SFD Official

Designation:

(Handwritten signature)
(Handwritten text: S.D. Poojary)


Signature and Name of Inspecting Officer of FSI Official

Designation:

(Handwritten signature)
(Handwritten text: JTA)

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bhalwara
Name of Range	Tuhta
Name of CA site	Andwin
Name of Forest	Andwin DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Deodar, HC Nut, Walnut, Chulli, Adu
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Andwin 02
Photograph of Sample Plot (Minumum 04)	Andwin 02 01 02 02
Latitude of Sample Plot	32180210
Longitude of Sample Plot	76361376

Signature and Name of SFD Official

Designation:

Signature and Name of Inspecting Officer of FSI Official

Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	170
2	"	0241	530
3	"	0241	160
4	"	0241	280
5	"	0241	580
6	"	0241	410
7	"	0241	270
8	"	0241	320
9	"	0241	170
10	"	0241	060
11	"	0241	090
12	"	0241	060
13	"	0241	030
14	"	0241	530
15	"	0241	270
16	"	0241	320
17	"	0241	410
18	"	0241	390
19	"	0241	410

R. O. Treble

JIP

Signature and Name of SFD Official

Signature and Name of Inspecting Officer of FSI Official

Designation:

Designation:

R
F

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Blamouy.
Name of Range	Tukta
Name of CA site	Andwin 2014-15
Name of Forest	Andwin DPF
Compartment no.	-
Area of Patch (As Per Record)	10Hec.
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	deodar, HC nut, Walnut, Chalti, Adu.
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Andwin 03
Photograph of Sample Plot (Minumum 04)	Andwin 0301 " 0302
Latitude of Sample Plot	32180076
Longitude of Sample Plot	76362409.

Signature and Name of SFD Official

 W. T. Trell

Designation:




Signature and Name of Inspecting Officer of FSI Official


Designation:

1 | Page

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Deodar	0241	067
2	"	0241	078
3	"	0241	098
4	"	0241	050
5	"	0241	096
6	"	0241	070
7	"	0241	045
8	"	0241	067
9	"	0241	110
10	"	0241	090
11	"	0241	086
12	"	0241	095
13	"	0241	076
14	"	0241	048
15	"	0241	116
16	"	0241	115
17	"	0241	098
18	"	0241	090
19	"	0241	049
20	"	0241	130
21	"	0241	210
22	"	0241	098
23	11	0241	061

Signature and Name of SFD Official
 R. P. Treble

Designation:



Signature and Name of Inspecting Officer of FSI Official
 JTA

Designation:

Brief Note on CA Site (In Bullets): Amclwin.

1. Slope - Due to slope $\approx 40^\circ$ block dimension measured 29.19m instead of 22.36m.
2. Rock - Approx. 20% area of site
3. Undergrowth \rightarrow Dense Bushes.
4. Maintenance \rightarrow Due to landslide maintenance is hampered at some places.
Bushes growth should be curtailed.
5. Road distance \rightarrow On Road.
6. Existing Crop \rightarrow Mixed Timber.
7. Fencing \rightarrow Most of the site fenced but at some part fencing has been ripped off due to land slide.
8. Damaged Crop \rightarrow
 1. Grazing \rightarrow moderate
 2. Fire \rightarrow No fire.
 3. Landslide \rightarrow 20% area is affected.


Signature and Name of SFD Official

Designation: — Suresh R. Kumar
R.O. Trehly


Signature and Name of Inspecting Officer of FSI Official

Designation: J.TA VINAY SRIDAMA 25/5/22

Andrue C.A 10 Let

Longitudo 32° 17' 25" Latitude 76° 36' 67"
 Aspect North Soil type/depth Sandy loamy

on New Plantation -Rs. 450342/-
 ing 8.12.2017 (week/mm/yy)

ceder	H.C.N	w/muf	-	-	-	Total
700	2500	800	-	-	-	11000 No

maintenance-during 1st year () -Rs. 36717/-

week/mm/yy

ceder	-	-	-	-	-	Total
595	-	-	-	-	-	1395 No

maintenance-during 2nd year () -Rs.


week/mm/yy

C.N	chulli	walnut	Adly	-	-	Total
1000	1000	400	308	-	-	3768 No

maintenance-during 3rd year () -Rs. 25194/-

week/mm/yy

ceder	-	-	-	-	-	Total
540	-	-	-	-	-	540 No


 F.G.


 Dy. Ranger

Range Officer

2014-15

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour.
Name of Range	Tuhla.
Name of CA site	Nayogran 2014-15
Name of Forest	Swain RF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Kael, Deodar, H.C. Nut Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal
Sample Plot no.	Nayogran 01
Photograph of Sample Plot (Minimum 04)	Nayogran 01 01 " 01 02
Latitude of Sample Plot	32-16-55 17
Longitude of Sample Plot	76 38 35 68 .

[Signature]
A. S. T. S. S.

Signature and Name of SFD Official

Designation:

[Signature]

[Signature]
J. T. A.

Signature and Name of Inspecting Officer of FSI Official

Designation:

25/5/21


[Signature]

Enumeration Form

Nayagan 01

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
01	Deodar	0241	045
02	"	0241	210
03	"	0241	120
04	"	0241	090
05	"	0241	095
06	"	0241	510
07	"	0241	410
08	"	0241	470
09	"	0241	380
10	"	0241	640
11	"	0241	560
12	"	0241	135
13	"	0241	080
14	"	0241	390
15	"	0241	280
16	"	0241	180
17	"	0241	110
18	"	0241	430
19	"	0241	110
20	"	0241	068
21	"	0241	075
22	"	0241	067
23	"	0241	048
24	"	0241	078
25	"	0241	076

Signature and Name of SFD Official
 Designation:

Prasad
 Qo Trecha


Signature and Name of Inspecting Officer of FSI Official
 Designation:

Prasad




Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmour
Name of Range	Trehta.
Name of CA site	Nayagan 2014-15.
Name of Forest	Swain. RF
Compartment no.	-
Area of Patch (As Per Record)	10 Hectare
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Kael, Deodar, H.C Nut, Apple Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Nayagan 02
Photograph of Sample Plot (Minumum 04)	Nayagan 02 01 " 02 02
Latitude of Sample Plot	32 16 54 81
Longitude of Sample Plot	76 38 32 38.

Signature and Name of SFD, Official
Designation:

[Signature]
7.

Signature and Name of Inspecting Officer of FSI Official
Designation:

[Signature]
J1A



Enumeration Form

Naya gram 02

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
01	Deodar	0241	120
02	"	0241	090
03	"	0241	068
04	"	0241	078
05	"	0241	098
06	"	0241	117
07	"	0241	110
08	"	0241	0130
09	"	0241	080
10	"	0241	130
11	"	0241	190
12	"	0241	065
13	"	0241	110
14	Kail	0926	580
15	Deodar	0241	280
16	"	0241	170
17	"	0241	210
18	"	0241	190
19	"	0241	130
20	"	0241	570
21	"	0241	490
22	"	0241	120
23	"	0241	135
24	"	0241	125
25	"	0241	115

Signature and Name of SFD Official

Designation:

(Signature)
S. F.

Signature and Name of Inspecting Officer of FSI Official

Designation:

(Signature)
J. D.

(Signature)

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Peonias	0241	080
27	?	0241	190
28	?	0241	370
29	?	0241	130
30	?	0241	280
31	?	0241	195
32	?	0241	240

[Signature]
Qo. Treby

Signature and Name of SFD Official

Designation:

[Handwritten mark]

[Signature]

Signature and Name of Inspecting Officer of FSI Official

Designation:

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharimow.
Name of Range	Trehta.
Name of CA site	Nayogran.
Name of Forest	Swain R.F
Compartment no.	-
Area of Patch (As Per Record)	10 Hectre
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Kael. Reddar. H.C Nut Walnut
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Nayogran 03
Photograph of Sample Plot (Minumum 04)	Nayogran 0301 0302
Latitude of Sample Plot	321654 07
Longitude of Sample Plot	76 38 37 14.

Signature and Name of SFD Official

Designation:

(Signature)
Ro. Trehta
S.F.

Signature and Name of Inspecting Officer of FSI Official

Designation:

(Signature)
JTA

1 | Page

(Signature)

Enumeration Form

Nayagram 03

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
01	Deodar	0241	110
02	"	0241	090
03	Kail	0926	190
04	Deodar	0241	150
05	"	0241	080
06	"	0241	095
07	"	0241	290
08	"	0241	350
09	"	0241	470
10	"	0241	110
11	"	0241	135
12	"	0241	145
13	"	0241	210
14	"	0241	180
15	"	0241	235
16	"	0241	370
17	"	0241	275
18	"	0241	490
19	"	0241	110
20	"	0241	510
21	"	0241	195
22	"	0241	370
23	"	0241	290
24	"	0241	540
25	"	0241	470

Signature
R. Trekh

Signature and Name of SFD Official

Designation:

Signature

Signature
VIMAY SINGH

Signature and Name of Inspecting Officer of FSI Official

Designation:

2 | Page

Signature

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
26	Deodar	0241	580
27	"	0241	290
28	"	0241	490
29	"	0241	570
30	"	0241	580
31	"	0241	470
32	"	0241	210
33	"	0241	540
34	"	0241	180
35	"	0241	510
36	"	0241	470
37	"	0241	480
38	"	0241	380
39	"	0241	075
40	"	0241	110
41	"	0241	095
42	"	0241	060
43	"	0241	095
44	"	0241	110
45	"	0241	075
46	"	0241	115
47	"	0241	105
48	"	0241	080
49	"	0241	410
50	"	0241	380

Signature and Name of SFD Official

Designation:

[Handwritten Signature]
R. Trehly
[Handwritten Initials]

Signature and Name of Inspecting Officer of FSI Official

Designation:

[Handwritten Signature]
JTA
[Handwritten Initials]

Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
51	Deodar	0241	570
52	"	0241	085.

[Handwritten Signature]
S. S. Trebbe

Signature and Name of SFD Official

Designation:

[Handwritten Signature]
f.

[Handwritten Signature]
VINAY SHARMA

Signature and Name of Inspecting Officer of FSI Official

Designation:

[Handwritten Signature]

Brief Note on CA Site (In Bullets):

1. Slope → Due to slope 45°, block dimension used 31.62 m instead of 22.36 m.
2. Rock → 15% area of CA site is rock.
3. Undergrowth → moderate to dense.
4. Maintenance → well maintained site, but bushes growth should be curbed.
5. Road distance → On road (less than 01 km)
6. Existing crop → Small timber crop (20-30 cm dia).
7. Fencing → Fully fenced.
8. Damaged reason →
 1. grazing → moderate
 2. Fire → No fire
 3. Landslide → 10% area under landslide.


Suresh Kumar

Signature and Name of SFD Official

Designation: Suresh Kumar
R.O. Tehsil.


JTA VINAY SHARMA

Signature and Name of Inspecting Officer of FSI Official

Designation: J-TA. 25/5/22



Nayagam CA 10.00ha 2014-15

032

Altitude 2112 mtr Longitude 32° 16' 52.9" ... Latitude 076° 38' 39.1" ...
 Slope Aspect Soil type/depth

Total Expenditure on New Plantation -Rs. 3890/0-00

Plants planted during 2014-15

(week/mm/yy) 8/14 + 1/15

Species->	Deo	Kail	H.C. Nut	Walnut			Total
Number->	4700	3000	3000	300			11000 Nos
Sc works = 6 c/walks.							

Expenditure on maintenance-during 1st year (2015-16) -Rs. 55200-00

Plants planted : week/mm/yy 08/2015

Species->	Deo						Total
Number->	2300						2300 Nos

Expenditure on maintenance-during 2nd year (2016-17) -Rs. 41400-00

Plants planted : week/mm/yy 07/2016

Species->	Deo	-	-	-	-	-	Total
Number->	2090	-	-	-	-	-	2090 Nos

Expenditure on maintenance-during 3rd year (08/2018) -Rs. 25500-00

Plants planted : week/mm/yy 08/2018

Species->	Deo	Kail					Total
Number->	1000	500					1500 Nos

Dated Signature

Name



F.G.


Dy. Ranger

Range Officer

Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur
Name of Range	Bharmaur
Name of CA site	Banani (2014-15)
Name of Forest	Dugter Banad DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec
No. of Plants Planted: (As Per Journal/Record)	11000
Species Planted (As per Record)	Kail, Ban, duodar, Robinia, Chulli, #.C.Hut, Hallnut, Willow, Alentans.
Spacing of Plants (As Per Record)	not mentHoned in Journal.
Sample Plot no.	Banani 01
Photograph of Sample Plot (Minimum 04)	Banani 01 01 " 01 02
Latitude of Sample Plot	32 28 31 28
Longitude of Sample Plot	76 27 45 90


Signature and Name of SFD Official
R. O. Sharma

Designation:




Signature and Name of Inspecting Officer of FSI Official

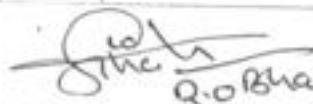
Designation: 27/5/22



Enumeration Form


G/11/201

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Morua oak	1006	110
2	"	1006	098
3	"	1006	090
4	"	1006	105
5	Bendar	0241	115
6		0241	130
7	Robinia	1047	110
8	"	1047	098
9	"	1047	090
10	Morua oak	1006	110
11	"	1006	065
12	Ailanthus	0046	091
13	"	0046	067
14	"	0046	075
15	"	0046	070
16	Morua oak	1006	098
17	"	1006	110
18	"	1006	100
19	"	1006	075
20	"	1006	080
21	"	1006	067
22	"	1006	055
		/	


 Signature and Name of SFD Official
 Q.O Bhasmury

Designation:




 Signature and Name of Inspecting Officer of FSI Official


Designation:

2 | Page



Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmsou.
Name of Range	Bharmsou.
Name of CA site	Banani (2014-15)
Name of Forest	Dugla Banad DPF
Compartment no.	-
Area of Patch (As Per Record)	10he.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	Kail, Ban. deodar, Robinia, Chulli, H.Cakut, wallnut Willow, Allenthus
Spacing of Plants (As Per Record)	not mentioned in Journal.
Sample Plot no.	Banani 02.
Photograph of Sample Plot (Minumum 04)	Banani 0201 " 0202
Latitude of Sample Plot	32 28 30 52
Longitude of Sample Plot	76 27 40 48.


R. Sharma
Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

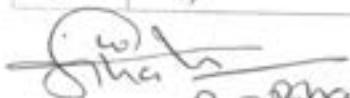
Designation:

1 | Page



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Moru oak	1006	090
2	"	1006	065
3	"	1006	075
4	"	1006	080
5	Ailanthus	0046	110
6	"	0046	096
7	Robinia	1047	110
8	"	1047	095
9	"	1047	090
10	"	1047	078
11	"	1047	067
12	Kuil	0926	070
13	"	0926	060
14	Moru oak	1006	090
15	"	1006	085
16	Robinia	1047	070
17	"	1047	067
18	"	1047	050
19	Ailanthus	0046	065
20	"	0046	070
21	"	0046	048
22	Kuil	0926	090
23	"	0926	068
24	"	0926	070
25	"	0926	076


 Signature and Name of SFD Official

Designation:




 Signature and Name of Inspecting Officer of FSI Official


Designation:

2 | Page



Integrated Regional Office, Shimla
Inspection Report of CA site

Division Name:	Bharmaur.
Name of Range	Bharmaur.
Name of CA site	Banoni (2014-15)
Name of Forest	Dry to Semi DPF
Compartment no.	-
Area of Patch (As Per Record)	10 Hec.
No. of Plants Planted: (As Per Journal/Record)	11000.
Species Planted (As per Record)	deodar, kail, Ban, Robinia, Chilli, H. Nut, walnut willow Alenthus.
Spacing of Plants (As Per Record)	Not mentioned in Journal.
Sample Plot no.	Banoni 3.
Photograph of Sample Plot (Minimum 04)	Banoni 0301 " 0302
Latitude of Sample Plot	32 28 27 76
Longitude of Sample Plot	76 27 50 08.


Signature and Name of SFD Official
R. Sharma

Designation:

7.



Signature and Name of Inspecting Officer of FSI Official

Designation:



Enumeration Form

Sl.No.	Species Name	Species code	Height of Plant in cm (In Three Digits)
1	Ailanthus		
2	"	0046	145
3	"	0046	130
4	Kail	0046	095
5	"	0926	110
6	"	0926	091
7	"	0926	085
8	"	0926	075
9	Deodux	0926	070
10	"	0241	065
11	"	0241	060
12	"	0241	070
13	"	0241	095
14	"	0241	090
15	"	0241	111
16	Ailanthus	0241	105
17	"	0046	067
18	Kail	0046	098
19	"	0926	110
		0926	080


 Signature and Name of SFD Official
 Designation:


 Signature and Name of Inspecting Officer of FSI Official
 Designation:





Brief Note on CA Site (In Bullets):

1. Slope → due to slope of 39%. block dimension adjusted to 28.77m instead of 22.36m.
2. Rock → 30% area of CA site is rocky.
3. Maintenance - approx 50% site maintained, other portion of site prone to heavy grazing.
4. Fencing → Fenced but at some of points fencing has been uprooted due to landslide.
5. Distance from road - On road.
6. Existing Crop → Mixed crop.
7. Road → On road.
8. Damaged Reason →
 - i. Grazing - heavy.
 - ii. Fire → No fire.
 - iii. Landslide - Moderate (25% are prone) and already landslide has occurred some point.


Signature and Name of SFD Official

Designation:




Signature and Name of Inspecting Officer of FSI Official

Designation: J.TA. ^{27/5} 28.

3 | Page



579 mtr Longitude N. 32° 22' 15" .. Latitude E. 93.6° 37' 14" ..
Dep. to precipitation Aspect Variable Soil type/depth Clay and Slate

Expenditure on New Plantation -Rs. 50292-00
planted during 20.11.15 (week/mm/yy)

Banghi - 10 H.E.
2014-15

	Kad	Ban	Deo	Rob	Chali	H.C. Wt	W/Wt	W/BW	Aidulhas	Total
	2500	3000	700	1500	1500	900	150	250	600	10000 nos

Expenditure on maintenance-during 1st year () -Rs.....

Plants planted : week/mm/yy.....

									Total

Expenditure on maintenance-during 2nd year () -Rs.....

Plants planted : week/mm/yy.....

									Total

Expenditure on maintenance-during 3rd year () -Rs.....

Plants planted : week/mm/yy.....

									Total

Signature

gajish Kumar

[Signature]
F.G. *[Signature]*
Dy. Ranger

[Signature]
Range Officer
Banghi Range

STATUS OF COMPENSATORY AFFORESTATION OF KUTEHR HEP 240 MW (DIVERTED FOREST LAND 61.4083 HAC.)																								
Name of scheme	Name of Division	Name of Range	Name of Block	Name of Block	Name of plantation area	Area in ha.	Legal status	Species planted showing										Total plants planned	Survival %	Expenditure				
								Drumh	Kail	Teak	Bam	HE. No.	Walnut	Rubus	Adhin	Chilli	Dirch				Air	Walla		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Compensatory Afforestation on Land Banks																								
		27	Saudi	Saudi	Harcobis		10 (Harbhra 199)	7700	0	0	0	0	0	0	0	0	0	0	0	0	10900	80%	685000	
			Saudi	Saudi	Supox Pans-II		3 (Mehar 100)	0	2750	0	550	0	0	0	0	0	0	0	0	0	0	3700	60%	205500
			Saudi	Pranghals	Pranghals		10 (Pranghals 199)	0	5000	0	1000	3300	0	0	0	0	0	0	0	0	0	11000	35%	685000
			Pranghals	Pranghals	Pranghals		10 (Lalit 195)	300	3000	0	1000	0	1300	3500	600	0	200	0	0	0	0	11000	40%	685000
			Pranghals	Pranghals	Pranghals		10 (Dughra Humble 199)	300	3000	0	1500	1200	0	0	0	1050	0	0	0	0	0	11000	50%	685000
			Pranghals	Pranghals	Pranghals		10 (Lalit 195)	2000	2100	0	0	1900	0	0	0	500	0	0	0	0	0	11000	25%	685000
			Pranghals	Pranghals	Pranghals		10 (Ams 195)	2000	1500	2000	0	2000	0	0	0	0	0	0	0	0	0	11000	60%	685000
			Pranghals	Pranghals	Pranghals		10 (Sudra 199)	6200	1500	0	0	1300	1000	0	0	0	0	0	0	0	0	11000	100%	685000
			Pranghals	Pranghals	Pranghals		10 (Sudra 199)	7300	0	0	0	0	2500	0	0	0	0	0	0	0	0	11000	100%	685000
			Pranghals	Pranghals	Pranghals		10 (Andara 199)	11000	1300	0	0	0	0	500	0	0	0	0	0	0	0	11000	100%	685000
			Pranghals	Pranghals	Pranghals		20 (Andara 199)	30000	2500	1000	0	0	0	0	0	0	0	0	0	0	0	25000	72%	1370000
			Pranghals	Pranghals	Pranghals		10 (Sudra 199)	4000	1700	0	0	0	0	0	0	0	0	0	0	0	0	11000	40%	685000
			Pranghals	Pranghals	Pranghals		10 (Sudra 199)	4000	1700	0	0	0	0	0	0	0	0	0	0	0	0	11000	40%	685000
			Total				123	44800	20470	2000	3150	21200	9000	13000	3620	500	500	0	250	0	135300		8425000	

[Signature]
 Joint Forest Officer
 Bharmour Forest Range
 Bharmour

[Signature]
 Joint Forest Officer
 Swell (Category)

[Signature]
 Joint Forest Officer
 Trehta Range (Mali)

[Signature]
 Joint Forest Officer
 Bharmour Forest Division
 Bharmour (H.P.)

[Signature]

ANNEXURE - 2.6

6/23/22, 11:03 AM

e-Green Watch

Portal Home | Login

Guest User
22 Jun 2022, 11:02:08 IST



FCA Projects, Diverted Land, CA Land Management

State* : Circle :
 Division : Range :
 Select FCA Project Year : Select FCA Project Type :

कृपया कोड प्रविष्ट करें.
 ENTER THE ABOVE TEXT HEF

 All Today This Week This Month This Year




S.No.	State	FCA Project	FCA project Year	Division	Range	Site Name	Area Diverted (In Hac)	Land Type	Updated On	Updated By	CA-Land GPS ID	Download
1	HP	<u>DIVERSION OF 61.4083 HA OF FOREST LAND</u>	2013	Bharmour	Swal	Jagat	10.000	Degraded Notified Forest	Mar 15 2021 1:27PM	DFOBharmour	16649	

https://greenwatch.nic.in/FCAProjects/Public/CALs/View_Download_CALand_KML.aspx

ANNEXURE - 2.G

6/22/22, 11:03 AM

e-Green Watch

		BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)											
2	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Trehta	Bantooch	10.000	Degraded Notified Forest	Mar 31 2021 12:14PM	DFOBharmour	16910		
3	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Trehta	Andurin	10.000	Degraded Notified Forest	Mar 31 2021 12:14PM	DFOBharmour	16911		
4	HP	DIVERSION OF 61.4083 HA OF	2013	Bharmour	Trehta	Nayagan	10.000	Degraded Notified	Mar 31 2021	DFOBharmour	16909		




https://egreenwatch.nic.in/FCAPProjects/Public/CALs/View_Download_CALent_KML.aspx




ANNEXURE-26

9/22/22, 11:03 AM

e-Green Watch

								Forest	12:01PM			
		FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)										
5	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Swal	Khanog	10.000	Degraded Notified Forest	Mar 15 2021 1:36PM	DFOBharmour	16653	
6	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Swal	Manglun	10.000	Degraded Notified Forest	Mar 15 2021 1:35PM	DFOBharmour	16652	
7	HP	DIVERSION OF	2013	Bharmour	Swal	Jura	10.000	Degraded	Mar 15	DFOBharmour	16650	

https://egreenwatch.nic.in/FCARProjectsPublic/CALs/View_Download_CALand_KML.aspx


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P.

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ANNEXURE - 26

6/22/22, 11:03 AM

e-Green Watch

		61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)						Notified Forest	2021 1:23PM			
8	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Swai	Gudeth	10.000	Degraded Notified Forest	Mar 15 2021 1:19PM	DFOBharmour	16648	
9	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Swai	Thalla	10.000	Degraded Notified Forest	Mar 10 2021 12:14PM	DFOBharmour	16635	

https://egreenwatch.nic.in/FCAProjects/PublicCALs/View_Download_CALand_KML.aspx

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ANNEXURE-2 G

6/22/22, 11:09 AM

e-Green Watch




10	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Swai	Thatapani	11,000	Degraded Notified Forest	Mar 10 2021 12:13PM	DFOBharmour	16634	
11	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Bharmour	Dadma	10,000	Degraded Notified Forest	Mar 8 2021 4:56PM	DFOBharmour	16622	
12	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI (29171)	2013	Bharmour	Bharmour	Banani	10,000	Degraded Notified Forest	Mar 8 2021 4:53PM	DFOBharmour	16621	

https://egreenwatch.nic.in/CA/Projects/Public/CA/s/View_Download_CALand_XML.aspx

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6/22/22, 11:03 AM

e-Green Watch

13	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI [29171]	2013	Bharmour	Bharmour	Pranghala	10.000	Degraded Notified Forest	Mar 8 2021 3:37PM	DFOBharmour	16618	
14	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI [29171]	2013	Bharmour	Bharmour	Patti	1.000	Degraded Notified Forest	Mar 8 2021 1:13PM	DFOBharmour	16616	
15	HP	DIVERSION OF 61.4083 HA OF FOREST LAND BEING DIVERTED/ TRANSFERRED IN FAVOUR OF M/S JSW ENERGY LTD. FOR THE CONSTRUCTION OF 240 MW KUTHER HYDROELECTRI [29171]	2013	Bharmour	Bharmour	Khanl Phat 1	5.000	Degraded Notified Forest	Mar 8 2021 1:12PM	DFOBharmour	16615	

https://egreenwatch.nic.in/PCAProjects/Portal/CALs/View_Download_CALand_FML.aspx

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Glimpse of Diversion Area of JSW Energy Limited for Kuther HEP, 240MW



Dam Site



Submergence Area



GOC-Adit



Road to Barrage



Adit-I



Temporary Labour Hut

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Cooking arrangements in Temporary Huts



Road to Adit-5



Tunnel for Power Hose



Discussion with DFO and User Agency

Handwritten blue ink marks, possibly initials or a signature, located below the caption 'Tunnel for Power Hose'.

Glimpse of Diversion Area of JSW Energy Limited for Kuther HEP, 240MW



Dam Site



Submergence Area



GOC-Adit



Road to Barrage



Adit-I



Temporary Labour Hut

Handwritten blue ink marks, possibly initials or a signature, located below the caption 'Adit-I'.



Cooking arrangements in Temporary Huts



Road to Adit-5



Tunnel for Power Hose



Discussion with DFO and User Agency

Handwritten signatures in blue ink.