



कार्यालय- प्रभागीय लौगिंग प्रबन्धक  
उत्तराखण्ड वन विकास निगम, खनन गौला हल्द्वानी प्रभाग, हल्द्वानी  
पिस्त-वर्धन कैट होल, वैत गोदाम रोड कुमुदकोश, हल्द्वानी (नैनीताल)

पत्रांक- 1516  
सेवा में,

/ वन स्वीकृति प्रस्ताव/ गौला नदी,

दिनांक : 25-01-2023

**प्रभागीय वनाधिकारी**

**तराई पूर्वी वन प्रभाग हल्द्वानी।**

विषय- भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्र संख्या 8-61/1999-FC(Pl.IV) दिनांक 23-01-2023 द्वारा मागी गयी सूचना उपलब्ध कराने के सम्बन्ध में।

संदर्भ- आपका पत्रांक 4291/12-1 दिनांक 23-01-2023

महोदय,

उपरोक्त विषयगत संदर्भित पत्र के कम में भारत सरकार द्वारा 4 बिन्दुओं पर चाही गयी आख्या/ सूचना के बिन्दु संख्या 4 के ग एवं घ की सूचना निम्नानुसार प्रेषित की जा रही है।

क्र सं०	मांगी गयी सूचना का विवरण	उत्तर/ स्पष्टीकरण
(ग)	The State govt has now submitted the mining plan approved by the Department of Mining and Geology Govt. of Uttarakhand. The said mining plan approved for next 5 years contains a letter No. 1057/VII-A-1/2022-11(ख)2010 dated 29.09.2022 issued by the Government of Uttarakhand wherein the condition no. 13 stipulates that the User Agency will carry out mining after leaving 15% area on each bank of the river. Whereas, the condition at Sr no xiii of the approval dated 23.01.2013 stipulates that <i>extraction of minor minerals shall be restricted to the middle half of the width of the river bed after leaving intact one fourth of the width of the river bed along its each bank.</i> The said condition which is contrary to the conditions of stage-II approval needs attention of the State government and clarification may accordingly be submitted.	उक्त शर्त के कम में अवगत कराना है कि उत्तराखण्ड शासन के शासनादेश संख्या-1057/VII-A-1/2022/11(ख)/ 2010 दिनांक 29.09.2022 की शर्त संख्या 13 में टंकण त्रुटिवश 25 प्रतिशत के स्थान पर 15 प्रतिशत अंकित होने के दृष्टिगत औद्योगिक विकास (खनन) अनुभाग-1 उत्तराखण्ड शासन की पत्र संख्या 135/ VII-A-1/2023/11(ख)/2010 दिनांक 25.01.2023 से संशोधित पत्र जारी किया गया है, जिसमें उक्त त्रुटि का निराकरण कर दिया गया है। जिसकी छायाप्रति संलग्न है (संलग्नक-1)।
(घ)	All the parameters prescribed in the Handbook of guidelines dated 28.03.2019 have still not be included in the cost benefit analysis which is required to be done.	उक्त शर्त के अनुपालन में Handbook of guidelines dated 28.03.2019 में उल्लिखित मानकों को सम्मिलित करते हुए पुनरीक्षित Cost Benefit Analysis रिपोर्ट संलग्न कर प्रेषित की जा रही है (संलग्नक-2)।
4	Compliance Of Forest Clearance Of Gaula River की शर्तों की अनुपालन आख्या	गौला नदी हेतु Govt. of India Ministry of Environment & Forests (FC Division), New Delhi Leter No- F.No-8-61/1999 FC, Dated-23 <sup>rd</sup> January, 2013 से प्राप्त वन स्वीकृति के शर्तों की बिन्दुवार अनुपालन आख्या संलग्न कर प्रेषित की जा रही है (संलग्नक-3)।

दिनांक 24.01.2023 को वन एवं पर्यावरण मंत्रालय भारत सरकार के एफ0ए0सी0 सैक्शन द्वारा मौखिक रूप से अधोहस्ताक्षरी को अवगत कराया गया कि गौला उपखनिज चुगान के नवीनीकरण हेतु प्रस्तावित वन भूमि की KML file में संशोधन की आवश्यकता प्रतीत होती है। नवीनीकरण हेतु प्रस्तावित वन भूमि की KML file सी0डी0 में संलग्न है एवं ई-मेल से भी प्रेषित है (संलग्नक-4)।

**संलग्न- उपरोक्तानुसार।**

भवदीय,

प्रभागीय लौगिंग प्रबन्धक  
खनन गौला हल्द्वानी प्रभाग, हल्द्वानी।

पत्रांक- 1516 / उक्तदिनांकित।

प्रतिलिपि- महाप्रबन्धक(कु0म0), उत्तराखण्ड वन विकास निगम हल्द्वानी को सूचनार्थ प्रेषित।

प्रतिलिपि- क्षेत्रीय प्रबन्धक(कु0क्षे0), उत्तराखण्ड वन विकास निगम हल्द्वानी को सूचनार्थ प्रेषित।

प्रभागीय लौगिंग प्रबन्धक  
खनन गौला हल्द्वानी प्रभाग, हल्द्वानी।

प्रेषक,

लक्ष्मण सिंह  
अपर सचिव,  
उत्तराखण्ड शासन।

सेवा में,

महानिदेशक,  
भूतत्व एवं खनिकर्म इकाई,  
उत्तराखण्ड, देहरादून।

औद्योगिक विकास (खनन) अनुभाग-1

देहरादून, दिनांक 25 जनवरी, 2023

विषय: उत्तराखण्ड वन विकास निगम के पक्ष में जनपद नैनीताल की तहसील हल्द्वानी एवं लालकुआँ वन प्रभाग के क्षेत्रान्तर्गत गौला नदी, कुल क्षेत्रफल 1497 है० नदी तल वन क्षेत्र में खनन पट्टा नवीनीकरण किये जाने के सम्बन्ध में।

महोदय,

उपर्युक्त विषयक शासनादेश संख्या 1057/VII-A-1/2022-11(ख)/2010, दिनांक 29 सितम्बर, 2022 की शर्त/प्रतिबन्ध संख्या 13 में टंकण त्रुटिवश 25% के स्थान पर 15% अंकित हो गया है, जिसे 15% के स्थान पर 25% के रूप में संशोधित किया जाता है, तदनुसार भविष्य में इसे 15% के स्थान पर 25% पट्टा और समझा जाय।

संगत शासनादेश दिनांक 29.09.2022 में किया गया संशोधन उक्त सीमा तक संशोधित समझा जाय, शेष शर्त/प्रतिबन्ध यथावत लागू रहेंगे।

भवदीय,

(लक्ष्मण सिंह)  
अपर सचिव

संख्या- 135 /VII-A-1/2023/11(ख)/2010,

प्रतिलिपि:-निम्नलिखित का सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. जिलाधिकारी, नैनीताल।
2. सदस्य सचिव, राज्य स्तरीय पर्यावरण प्रभाव नियंत्रण प्राधिकरण, इन्दिरा नगर, फोरेस्ट कॉलोनी, देहरादून।
3. प्रबन्ध निदेशक, उत्तराखण्ड वन विकास निगम, देहरादून।
4. गार्ड फाईल।

आज्ञा से,

  
(हनुमान प्रसाद तिवारी)  
उप सचिव



**Table-A: Cases under which a cost-benefit analysis for forest diversion are required (Gaula RIVER).**

Sr. No	Nature of proposal	Applicable/ Not Applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectares in hills.	N/A	These proposals are to be considered on case by case basis and value of judgment.
2	Proposal for defence installation purposes and soil prospecting (prospecting only)	N/A	In view of National Priority accorded to these sectors, the proposals would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non-forest use.
3	Habitation, establishment of industrial unit, tourist lodges/complex and other building construction.	N/A	These activities being detrimental to protection and conservation of forest. As a matter of policy, such proposals would be rarely entertained.
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, Minor, Medium and Major irrigation Projects, hydel projects mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centres, TV towers etc.	Applicable	These are cases where a cost-benefit analysis is necessary to determine when diverting the forest land to non-forest use is in the overall public interest.

Divisional Manager, (Mining)  
 Uttarakhand Forest Development Corporation,  
 Khanan Haldwani Division (Nainital)

### Cost of Project:-

Name of project: – Collection of the minor mineral from the Gaula RIVER.

Uttarakhand forest Development Corporation, Khanan Haldwani (Nainital)

Sr.No	Particulars	Approx Amount (in lakhs)	Remark
1	Total cost (Investment incurred) for 10 years	13152	
(A)	*Construction Cost of the Project	13152	Fencing of Safety zone, Staff Salary, infrastructure Labour welfare, Repair and maintenance, Other expenditures. Already included above.
(B)	N.P.V Amount to be deposited@--- lakh/Ha	N/A	N/A
(D)	Substitute/Alternative Plantation Cost to be Deposited:-	N/A	N/A
Total (A+B+C)=		13152	
2	Benefits:- Benefits from taking age of Project as 10 Years	10152	
(A)	Economic Benefits-Market Development Taking	13152	Production Cost and other
(B)	Economic benefits due to of direct & indirect employment due to the project.	72000	About 5000 labours will be working for 8 months/year for 10 years @Rs 600=72000.00 Lakh. These Labours are directly paid by buyer.
©	Employment Generation Due to other activities	20000	Truck Owner+ Machinic Worker.for Ten Years
(D)	Therefore construction of Economically viable and social beneficial.	-	
Total (A+B+C+D)=		105152	

\* For calculating the total cost of 10 years average cost of investment for last 3 years was multiplied with 10 and obtained value was divided by the total mining area of both the rivers i.e Gaula river to reach to per ha. Investment cost finally for the calculation of total cost of Gaula River, the mining area of Gaula i.e. 1497 hact was multiplied with per hact cost.

Note:- Total expenditure SI No 1=Rs 13152 (In Lakhs)

Benefit SI No 2=Rs 105152 (In Lakhs)

Therefore, Benefits/cost Ratio=105152/13152=7.995

Therefore the project is economically viable socially beneficial.

Divisional Manager, (Mining)  
Uttarakhand Forest Development Corporation,  
Khanan Haldwani Division (Nainital)



**Table-B: Estimation of cost of forest diversion (GAULA RIVER).**

Sr. No	PARAMETERS	REMARKS
1	Ecosystem services losses due to proposed forest diversion.	Not Applicable as per as Supreme Court order of 28 March 2008
2	Loss of animal husbandry productivity including loss of fodder. $1497 \times 670140 = 100319958$	Considering the River bes as open forest of Ecoclass iv. the 10%of NPV value would be approximately 10 crore 3 Lakh 19 Thousand and 958 Rupess. (Rs. $670140 \times 1497 \times 0.1 = 10,03,19,958$ )
3	Cost of human resettlement.	There is no resettlement as the area is a reserved forest within river bed.
4	Loss of public facilities and administrative infrastructure (Road, Building, Schools, Dispensaries, Electric line, Railways etc.) on which would require forest land if these facilities were diverted due to the project.	No public facilities exist in the proposed site and there is no need for diversion of infrastructure in and around the site.
5	Possession value of forest land diverted.	Considering the River bes as open forest of Ecoclass iv. the 30%of NPV value would be approximately 30 crore 9 Lakh 59 Thousand and 874 Rupess (Rs. $670140 \times 1497 \times 0.3 = 30,09,59,874$ )
6	Cost of Suffering to oustees.	Not Applicable. The area is s reserved forest within river bed and no rehabilitation of oustees is needed
7	Habitat Fragmentation Cost	Considering the River bes as open forest of Ecoclass iv. the 50%of NPV value would be approximately 50 crore 15 Lakh 99 Thousand and 790 Rupess (Rs. $670140 \times 1497 \times 0.5 = 50,15,99,790$ )
8	Compensatory Afforestation and soil & moisture conservation cost.	The Compensatory Afforestation is not applicable the cost of CA already has been deposited in the past.

Divisional Manager, (Mining)  
Uttarakhand Forest Development Corporation,  
Khanan Haldwani Division (Nainital)

**Table-C- Existing guidelines for estimating benefits of forest-diversion in CBA (Gaula RIVER).**

Sr. No	PARAMETERS	REMARKS
1	Increase in productivity attributable to the specific project.	NA.
2	Benefits to economy due to the incremental economic benefit in monetary the specific project.	As given in cost benefit ratio chart, the total expenditure is Rs 13152 Lakhs and the benefit will be Rs 105152 lakh which can be more.
3	No. of population benefited.	Approximately 5000 labourers are directly benefitted
4	Economic benefited due to of direct and indirect employment due to the project	Along with labourers, more than 1000 truck owners and drivers, shop keepers etc get benefitted.
5	Economic benefited due to Compensatory Afforestation.	The Compensatory Afforestation is not applicable the cost of CA already has been deposited in the past.

Divisional Manager, (Mining)  
 Uttarakhand Forest Development Corporation,  
 Khanan Haldwani Division (Nainital)



## Govt. of India Ministry of Environment &amp; Forests (FC Division) , New

Delhi Leter No- F.No-8-61/1999 FC, Dated-23<sup>rd</sup> January, 2013Compliance of Forest Clearance Gola River

(i)	Legal status of the diverted forest land shall remain unchanged.	It is being complied with by the user agency.
(ii)	Compensatory afforestation over the degraded forest land equal in extent to the forest land being diverted shall be raised and maintained by the State Forest Department from funds realised from the User Agency.	It is being raised and maintained by Uttarakhand Forest Department.
(iii)	The State Government shall realise from the user agency the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India and transfer the same to the ad-hoc CAMPA.	NPV has been exempted as per the order of the Hon'ble Supreme Court dated-28-3-2008.
(iv)	The user Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.	Environment Clearance has been obtained vide MoEF letter no-11015/353/2009 dated-13-4-2011 & Extension of validity letter no-J-110105/363/2009-IA.II(M), Dated- 1-3-2021 by the user agency i.e. Uttarakhand Forest Development Corporation <b>Annexure 3(1) &amp; 3(2).</b>
(v)	The State Government and the user agency shall work with local residents of Bindu-Katha to give safe and interrupted passage to the wild animals passing through the Gola corridor expedite payment of compensation in case of any damage to property etc. and generally increases awareness of the methods of co-existence of man and wildlife.	A total area of 2.5 km. has been maintained in the form of elephant corridor. The officers and the front line staff of forest corporation and forest department are continuously working with the local residence of bindukhatta and adjoining areas for safe and interrupted passage to the wild animals passing through the Gola corridor. All efforts are being made at the field level to ensure peaceful co-existence of man and wildlife in the area.
(vi)	The State Government shall not allow any new facility/structure within the Gola corridor to ensure its restoration in future. The State Government shall also ensure that the boundary of the ITBP battalion headquarters be shifted towards south so as to ensure that it is located entirely on southern side of the Gola corridor and that the corridor is maintained free of fresh obstruction from the Highway/ Railway line upto the Bindu-Katha settlement.	The condition has been complied and is reviewed every year by the monitoring committee. No facility/structure has been allowed within the Gola Corridor.
(vii)	To eliminate disturbance from collection of minor minerals on movement of wild animals along the Gola corridor, collection of minor minerals in a 2.50 km long stretch the river bed located on the Gola corridor shall be prohibited. However in case it is observed the non-collection of minor mineral from the corridor results in major floods Department and representative of the Chief Wildlife Warden may undertake periodic accelerated collection(during the period having least	The mining is strictly prohibited in 2.50 km stretch of Gola corridor by the User Agency. The area has been taken for periodic accelerated collection of minor minerals in the last 10 years.

	frequency of wildlife movement) of minor minerals from said stretch of the river bed, to maintain river geometry.	
(viii)	To restore the functionality and utility of the migratory corridor linking Corbet Tiger Reserve with the Pawalgarh Conservation Reserve, the State Government may explore feasibility to relocate the settlements from the Sundarkhal Village by using State CAMPA funds.	The exercise is being done by state forest department and state government.
(ix)	The State Government shall constitute committee under Chairmanship of the Principal Chief Conservator of Forest, Government of Uttarakhand and having the representative of the Ministry of Environment & Forests, Wildlife Institute of India and NGOs such as WWF-India, WTI, IUCN etc. as its members, before start of mining/collection of minor minerals, to review annually the status of compliance of the stipulated conditions and issue appropriate direction to the user agency in case of any deviation as well as any hazard due to non- removal of minor minerals from the protected corridor. The collection of miner minerals after 31 <sup>st</sup> day of January in a year shall be allowed only after receipt of certificate from the Monitoring Committee that the conditions, stipulated in the approval accorded under the Forest (Conservation) Act, 1980 and the instructions issued by the Monitoring Committee have satisfactory been complied in collection of the minor minerals during the previous calendar year.	The State Government vide letter no. 14-1/X-3-13-08(14)/2009 dated 29.01.2013 has constituted a monitoring committee under the Chairmanship of the Principal Chief Conservator of Forest, Government of Uttarakhand. The committee reviews annually the status of compliance of the stipulated conditions. The minutes of the meeting of the committee have already been forwarded in compliance of EDS dated 14.12.2022.
(x)	To ensure extraction of minor minerals in a sustainable manner, the user agency shall formulate a transparent and unbiased procedure for engagement of labourers for extraction of the minor mineral from the diverted forest land.	The extraction of minor minerals is done in a sustainable and systematized manner and the user agency has formulated a transparent and unbiased procedure of tendering of Weigh bridges, RFID and CCTV cameras etc for the extraction of miner mineral from the allotted area to the UKFDC. Labourers are not directly engaged by the user agency.
(xi)	Fifty percent of the net profit earned by the user agency from the collection of minor minerals shall be deposited in a Special Purpose Vehicle (SPV) to be constituted by the State Government under the Chairmanship of the Chief Wildlife Warden, Government of Uttarakhand. The amount to be deposited in the SPV shall be used exclusively for river training activities and management & protection of forest & wildlife in vicinity of forest land diverted for collection of minor minerals.	The user agency deposits due share of the profit in special purpose vehicle/Gaula Corpus fund constituted by the state Government. The state Government vide letter no. 878/X-3-10-8(14)/2009 Dt. 14.12.2010 has constituted a SPV under the chairmanship of Chief Wildlife Warden, Government of Uttarakhand. The state Government vide letter no. 123/X-3-2013-8(14)/2009 Dt. 29.01.2013 has formulated guidelines to use the fund for is utilized annually by river training activities and management & protection of forest & wildlife in vicinity of forest land diverted for collection of minor minerals. The works are executed every year as per above guidelines.



(xii) The total quantity of minor minerals extracted during a year shall not be more than 54.25 lakh cubic meter.

The condition is being complied with by the Uttarakhand state forest corporation. The year wise detail of the extraction of minor minerals is as follows:-

S. No.	Year	Extraction (in cum.)
1	2013-14	5407254.9720
2	2014-15	5416963.4890
3	2015-16	4432978.0000
4	2016-17	3746613.5010
5	2017-18	4012836.9870
6	2018-19	3438599.3400
7	2019-20	2553772.7800
8	2020-21	3293699.7500
9	2021-22	3666904.7900
10	2022-23 (till 23rd Jan. 2023)	17250.00

(xiii) Extraction of minor minerals shall be restricted to the middle half of the width of river bed after leaving intact one-fourth of width of the river bed along its each bank.	The extraction of minor minerals is restricted to the middle half of the width of river bed after leaving intact one-fourth of width of the river bed along its each bank.
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(xiv) To ensure maintenance of river geometry, collection of minerals during a working season shall start from centre of the river width and shall gradually extend to the boundary of the permissible area. The maximum permissible depth for collection of minor minerals at centre of the river shall be limited to 3m and it shall gradually be reduced till reaches boundary of the permissible zone.	The collection of minerals is carried out as per this para. The maximum permissible depth never exceeds 3m. in the centre of the river bed.
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(xv) To regulate and maintain the record of the quantity of minor minerals extracted during a season, the State Forest Department shall set up adequate number of check post during the collection season.	The condition is being complied with the help of Forest Department. The user agency has established 11 gates for Trucks/Dumper and 04 Buggi gates to regulate and maintain the record of the quantity collected during the season. Electronic weighbridges, online permits, online CCTV Cameras & sensor based entry of all the vehicles using RFID chips are some of the advanced technological interventions which ensure full proof monitoring mechanism facilitating regulated extraction of minor minerals from Gaula river. Apart from this, Tarai east forest division has constituted van suraksha dal to check illegal mining from the river bed.
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(xvi) Extraction of minor mineral shall be restricted from 1 <sup>st</sup> October to 31 <sup>st</sup> May of the subsequent year.	The condition is complied every year.
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(xvii) Minor minerals shall be collected manually by using hand tools. Use of explosive and heavy machineries for breaking/collection of minor minerals shall be strictly prohibited.	The condition is being complied with. Minor minerals are collected manually by using hand tools. Further explosives and heavy machinery is not used for breaking/collection of minor minerals.
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(xviii) Collection time shall be from sun-rise to sun-set.	The condition is complied every year. The gates are shutdown after sun-set. The forest department monitors the timing on daily bases.
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(xix)	No labour camp shall be setup in the forest area for the labourers engaged in collection of the minor mineral.	No labour camp was setup in the forest area for the laborers engaged in the collection of the minor mineral.
(xx)	Breaking of boulders shall be undertaken outside the forest boundaries.	The condition is being complied with. The forest department monitors it periodically.
(xxi)	The labourers engaged in collection work shall be provided free of cost, fuel wood/alternate source of energy to avoid any pressure on adjoining forests.	The user agency provides firewood to the laborers in the mining season. Drinking water is being provided, medical camp are organized.
(xxii)	The boundary of the forest land being diverted shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number DGPS coordinates, forward and back bearing, and distance from adjoin pillars etc.	The demarcation pillars on the forest land being diverted have been carried out from time to time. However additional funds may be required at the project cost to install new pillars at places damaged in the last 10 years.
(xxiii)	The forest land shall not be used for any purpose other than specified in the proposal.	The condition is being complied with. The area is being used for the purpose as specified in the proposal.
(xxiv)	User agency shall submit annual self – monitoring report, indication status of compliance to the conditions stipulated in the approval, to the State Government and the concerned Regional Office of this Ministry.	The monitoring report is prepared and submitted to the state government and regional office.
(xxv)	Any other condition that the Central Regional Office of this Ministry, Lucknow and the State Government of Uttarakhand may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and	The condition is being complied with.
(xxvi)	The User Agency and the State Government shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.	The compliance of the provision of the acts, rules, regulations, guidelines as applicable to the project is being ensured.

  
**Divisional Logging Manager**  
 Uttarakhand Van Vikas Nigam  
 Khanan Gola Haldwani Division



**No. J-11015/363/2009-IA.II(M)**  
Government of India  
Ministry of Environment and Forests  
IA Division

Paryavaran Bhawan  
CGO Complex, Lodhi Road,  
New Delhi-110 003

Dated the 13<sup>th</sup> April, 2011

To

M/s Uttaranchal Forest Development Corporation  
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कार्यालय प्रबन्ध निदेशक
उत्तरांचल वन विभाग
हिंदी कार्यालय, देहरादून
पत्रांक: 700
दिनांक: 23/6/11

**Subject: Collection of Reta, Bajri and Boulder (Minor Mineral) from the River Bed of Gola River by M/s Uttaranchal Forest Development Corporation, located in Tehsil(s) Haldwani and Lal Kuan in the East Tarai and the Haldwani Forest Divisions, District Nainital, Uttarakhand -environmental clearance regarding.**

Sir,

This has reference to your letter No. U-2985/Environmental clearance dated 09.09.2010 and subsequent letters dated 15.11.2010 and 11.01.2011 on the subject mentioned above. The project was earlier prescribed Terms of Reference (TORs) by the Ministry of Environment and Forests on 15.02.2010 for undertaking detailed EIA study for the purpose of obtaining environmental clearance. The proposal is for extraction of 117Lakh Tonnes Per Annum (LTPA) of reta, bajri and boulder (minor mineral) from the river bed of Gola River.

2. The total mine lease area of the project is 1497ha, which is a forestland falling under the East Tarai and the Haldwani Forest Divisions in Nainital District. Out of the total lease area, an area of 200ha falls in the Haldwani Forest Division and remaining 1297ha in the East Tarai Forest Division of Western Circle of the Uttarakhand Forest. It was stated by the proponent that although the lease has been granted to them in perpetuity, however, since the forestry clearance is for a period of 10 years, the environmental clearance may also be granted for a maximum period of 10 years to make it co-terminus with the forestry clearance. The total length of Gola River under East Tarai Forest Division and the Haldwani Forest Division being proposed under the project is approximately 29km. Out of the total allotted area of 1497ha, the minor mineral collection will be carried out from 50% of the total area i.e. 748.5ha leaving 25% area on each side of the river banks for better channelization of

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the water during the rainy season and to protect the nearby forestland and habitant from floods. The area available for mining would therefore be 748.5ha along the centre of the river flow, which is devoid of any flora.

3. No national park and wildlife sanctuary are reported to be located in the core and buffer zone of the mine. The project area falls under the Shivalik Elephant Reserve. The Jim Corbett National Park is reported to be located at a distance of 46.57km NW from the project boundary. The Chief Wildlife Warden, Government of Uttarakhand vide letter No.1192/12-1 dated 08.12.2010 accorded NOC for collection of minor mineral from the Gola River in an area of 1497ha. An authenticated map has also been submitted. It was stated that the forest working plan, being implemented by State Forest Department include protection of wildlife and this would be duly taken care of while picking up of reta, bajri and sand. Three Reserve Forests namely the Gola RF(East), the Hallani RF(1.8km Southeast) and the Horai RF (2.1km North) and five Protected Forests namely the Barmdeo PF(East), the Kotkharra PF(South), the Lal Kuan PF(West), the Tunikhal PF(1.9km SE) and the Kharitan PF(5km South) are reported to be located in the buffer zone of the mine.

4. The mine working will be opencast by manual method without involving drilling and blasting. The mining is confined to extraction of sand, reta and bajri from the river bed. The reta and bajri will be collected by sieving of river bed material using hand tools like shovel, pan, sieve etc. Mining will be carried out only during the day time. Extraction of river bed material will be completely stopped during the monsoon season. The targetted production capacity of the mine is 117Lakh TPA(65Lakh m<sup>3</sup> per annum). The river bed material will be replenished during the monsoon season every year. The mined out material will be transported to their respective uses locations via private agencies using their own transport. Computerized weigh bridges have been installed in order to check and monitor moment of material. The proposed mining area is reported to lies between 29°15'44.63" to 29°3'33.13" N Latitude and 79°32'50.54" to 79°33'22.71" E Longitude in topo sheet No. 53 O/12. The elevation from the sea level of the proposed area is reported as 510.61m in Shishmahal Region (Kathgodam) and 256.52m in Lal Kuan Region (Lal Kuan). Mining will be carried out upto a depth of 1.5m. The quantity of mineral to be removed has been fixed based on replenishment rate.

5. The public hearing of the project was held on 20.08.2010 for lease area of 1497ha from the Gola River. The Principal Secretary, Government of Uttarakhand vide letter No.2536/VII-I/163-KHA/2009/10 dated 23.10.2010 informed that collection of minor mineral from the river bed does not require mine plan approval under Uttarakhand Minor Mineral Concession Rules 2001. The Ministry of Environment and Forests has accorded Stage-I approval under Forest (Conservation) Act, 1980 for diversion of 1497ha forestland on

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08.04.2011 for collection of stone, boulders and other minor minerals from the river bed of Gola River in the District Nainital. The proponent has stated that there is no court case to the project or related activity.

6. The Ministry of Environment and Forests has examined the application in accordance with the EIA Notification, 2006 and hereby accords environmental clearance under the provisions thereof to the above mentioned Minor Mineral (reta, bajri and boulder) Mining Project of M/s Uttarakhand Forest Development Corporation for an annual collection of 1,17,00,000 tonnes (117 Lakh tonnes) of reta, bajri and boulder (minor mineral) from the Gola River bed by the opencast manual method involving total mining lease area of 1497ha, for a period of 10 years or till the forestry clearance, whichever is earlier subject to implementation of the following conditions and environmental safeguards.

**A. Specific conditions**

- (i) The project proponent shall obtain Consent to Establish and Consent to Operate from the Uttarakhand Environment Protection & Pollution Control Board and effectively implement all the conditions stipulated therein.
- (ii) The environmental clearance is subject to grant of forestry clearance. The project proponent shall obtain requisite prior forestry clearance under the Forest (Conservation) Act, 1980 for working in the forest area.
- (iii) The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- (iv) Requisite prior clearance from the Standing Committee of the National Board for Wildlife shall be obtained due to location of the project area within Shivalik Elephant Reserve, before starting any activity relating to the project at site. All the conditions stipulated by the Standing Committee shall be effectively implemented in the project. It shall be noted that this clearance does not necessarily implies that wildlife clearance shall be granted to the project and that your proposal for wildlife clearance shall be considered by the competent authorities on its merit and decision taken. The investment made in the project, if any based on environmental clearance granted to the project, in anticipation of the clearance from wildlife clearance shall be entirely at the cost and risk of the project proponent and Ministry of Environment and Forests shall not be responsible in this regard in any manner.
- (v) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.

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- (vi) Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.
- (vii) The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left unworked, distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
- (viii) The project proponent shall identify the degraded forest area within the mine lease in consultation with the State Forest Department and undertake plantation/afforestation work by planting the native species.
- (ix) Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- (x) The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Lucknow, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
- (xi) The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- (xii) Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.

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- (xiii) Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- (xiv) No drilling and blasting operation shall be carried out.
- (xv) Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- (xvi) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- (xvii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (xviii) Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring the change of river course, if any and report submitted to the Ministry of Environment and Forests and its Regional Office located at Lucknow.
- (xix) The critical parameters such as RSPM (Particulate matter with size less than 10micron i.e.,  $PM_{10}$ ) and  $NO_x$  in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Fecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry [www.envfor.nic.in](http://www.envfor.nic.in) shall also be referred in this regard for its compliance.
- (xx) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant etc. found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Lucknow.

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2.6/-

- (xxi) The project proponent shall get a siltation study carried out within one year through some Expert Agency like Central Water Commission to determine the siltation load in the river bed so that there is no over exploitation of river bed material at any point of time. The mineral to be removed shall be determined based on siltation load. A copy of siltation study so carried out shall be submitted to the Ministry of Environment and Forests and its Regional Office Lucknow.

**B. General conditions**

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.
- (ii) No change in the calendar plan including excavation, quantum of mineral retia, bajri and boulder (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e.,  $PM_{10}$ ) and  $NO_x$  monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e.,  $PM_{10}$ ) &  $NO_x$  should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
- (v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- (vi) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.  
Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (vii) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (viii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow.

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- (ix) The project authorities should inform to the Regional Office located at Lucknow regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (x) The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xi) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.
- (xii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xiii) The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
- (xiv) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
- (xv) The project authorities should advertise at least in two local newspapers of the District or State in which the project is located and widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution

Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Lucknow.

7. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

8. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

9. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made thereunder and also any other orders passed by the Hon'ble Supreme Court of India/High Court of Uttarakhand and any other Court of Law relating to the subject matter.

  
(SATISH.C.GARKOTI)  
Scientist 'F'

**Copy to:**

- (i) The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
- (ii) The Secretary, Department of Mines & Geology, Government of Uttarakhand, Secretariat, Dehradun.
- (iii) The Secretary, Department of Environment, Government of Uttarakhand, Secretariat, Dehradun.
- (iv) Chief Wildlife Warden, Government of Uttarakhand, Secretariat, Dehradun.
- (v) The Chief Conservator of Forests, Central Region, Ministry of Environment and Forests, B-1/72, Sector-A, Aliganj, Lucknow-226020.
- (vi) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- (vii) The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- (viii) The Chairman, Uttarakhand Environment Protection & Pollution Control Board, E-115, Nehru Colony, Hardwar Road, Dehradun, Uttarakhand.
- (ix) The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.

...9/-



- (x) The District Collector, Nainital District, Uttarakhand.
- (xi) EI Division, Ministry of Environment and Forests, Paryavaran Bhavan, C. G. O. Complex, Lodi Road, New Delhi-110 003.
- (xii) Monitoring File.
- (xiii) Guard File.
- (xiv) Record File.

संलग्नक 3(2)  
EC 2021  
No. J-110105/363/2009-IA.II (M)  
Government of India  
Ministry of Environment, Forest and Climate Change  
Impact Assessment Division  
\*\*\*

2<sup>nd</sup> Floor, Prithvi Wing,  
Indira Paryavaran Bhavan,  
Jor Bagh Road, Aliganj,  
New Delhi-110 003

Dated: 1<sup>st</sup> March, 2021

To,

**M/s Uttaranchal Forest Development Corporation**

Aranya Vikas Bhawan,

73, Nehru Road,

Dehradun-248 001

E-mail: [uafdemd@yahoo.com](mailto:uafdemd@yahoo.com), [Vanvikas12@gmail.com](mailto:Vanvikas12@gmail.com)

Sir,

**Subject: Collection of Minor Minerals (Reta, Bajri, Boulder) from the River Bed of Gola River by M/s Uttarakhand van vikas nigam, located in Tehsil(s) Haldwani and Lal Kuan in the East Tarai and the Haldwani Forest Division, district Nainital, Uttarakhand – Extension of validity of Environmental Clearance regarding.**

Ref: Proposal No. IA/UK/MIN/8724/2011;

This is with reference to proposal of M/s Uttarakhand Van Vikas Nigam is for Amendment w.r.t. the extension of validity of EC coterminous with the validity of Forest Clearance i.e. 22nd January, 2023. The EC was granted vide Letter No. J-11015/363/2009-IA-II(M) dated 13.04.2011 for an annual collection of 1,17,00,000 tonnes (117 Lakh tonnes) of Minor Minerals (Reta, Bajri, Boulder) from the River Bed of Gola River by M/s Uttaranchal Forest Development Corporation, located in Tehsil(s) Haldwani and Lal Kuan in the East Tarai and the Haldwani Forest Division, district nainital, Uttarakhand.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category B or Activity 1(a) as the mining lease area is more than 100 ha.

M/s Uttaranchal Forest Development Corporation

Page 1 of 4

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3. Project Proponent has submitted that Environmental Clearance was granted vide Letter No.J-11015/363/2009-IA-II(M) dated 13.04.2011 for an annual collection of 1,17,00,000 tonnes(117 Lakh tonnes) of Minor Minerals (Reta, Bajri, Boulder) from the River Bed of Gola River by M/s Uttaranchal Forest Development Corporation, located in Tehsil(s) Haldwani and Lal Kuan in the East Tarai and the Haldwani Forest Division, district Nainital, Uttarakhand. Para 6 of EC letter specifically mentions that, "The Ministry of Environment and Forests has examined the application in accordance with the EIA Notification, 2006 and hereby accords environmental clearance No.J-11015/363/2009-IA-II(M) dated 13.04.2011 for a period of 10 years or till the forestry clearance whichever is earlier....".

4. Project Proponent vide its Proposal No. IA/UK/MIN/8724/2011 dated 29.08.2020 has applied for amendment in EC w.r.t. the extension of validity of EC coterminous with the validity of Forest Clearance i.e. 22nd January, 2023. PP has stated that MoEF&CC vide its letter F. No. 8-61/1999-FC dated 23.01.2013 granted Forest Clearance for a period of 10 years and is valid till 22.01.2023. Since, EC is also valid for a period of 10 years i.e. till 12.04.2021, therefore, PP has requested for extension of validity of Environmental Clearance coterminous with the validity of Forest Clearance i.e. 22nd January, 2023 for hassle free operations.

5. Based on the documents submitted and discussion held during 21st EAC meeting held on 23-25, September, 2020 the Committee recommended the proposal of extension of validity of Environmental Clearance dated 13.04.2011 till 22.01.2023 subject to the following additional conditions.

- I. The PP has to furnish the Certified Environmental Clearance Compliance report.
- II. All other terms and conditions prescribed under EC dated 13.04.2011 shall remain unchanged.

6. The Ministry of Environment, Forest & Climate Change has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto; and after accepting the recommendation of EAC meeting held during 23-25, September, 2020 hereby decided to accord the amendment of Environmental Clearance under the provisions there to the above mentioned proposal for grant of extension of validity of EC coterminous with the validity of Forest Clearance i.e. 22nd January, 2023 for M/s Uttarakhand Forest Development Corporation located at Gaula River Reserve, Khanan Haldwani located at Gaula River Reserve Forest, District Nainital, Uttarakhand. All other terms & conditions of the Environmental Clearance granted vide J-11015/363/2009-IA-II(M) dated 13.04.2011 shall remain same and Environmental Clearance is valid up to 22.01.2023.

  
M/s Uttaranchal Forest Development Corporation

7. The PP shall implement the conditions prescribed in Enforcement & Monitoring Guidelines for Sand Mining 2020, as applicable for PP. Implementation report with supporting documents & photographs before and after shall be submitted to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year
8. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
9. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of law relating to the subject matter.
11. Any appeal against this environmental clearance shall lie with the national Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.
12. These issues with the approval of the Competent Authority.

Yours faithfully,



(Pankaj Verma)

Scientist 'E'

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**Copy to:**

- 1). The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
- 2). The Secretary, Department of Mines & Geology, Government of Uttarakhand, Secretariat, Dehradun.
- 3). The Secretary, Department of Environment, Government of Uttarakhand, Secretariat, Dehradun.
- 4). Chief Wildlife Warden, Government of Uttarakhand, Secretariat, Dehradun.



- 5). The Chief Conservator of Forests, Central Region, Ministry of Environment and Forests, B-1/72, Sector A, Aliganj, Lucknow-226020.
- 6). The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- 7). The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- 8). The Member Secretary, Uttarakhand Environment Protection & Pollution Control Board, E-115, Nehru Colony, Hardwar Road, Dehradun, Uttarakhand.
- 9). The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
- 10). The District Collector, Nainital District, Uttarakhand.
- 11). Guard File.
- 12). PARIVESH PORTAL.

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