



एसजेवीएन लिमिटेड

मिनी-रत्न शिड्यूल 'A' पीएसयू
निगमित पर्यावरण विभाग
ISO 9001:2015 Certified

कार्यालय:

कार्यकारी निदेशक,
निगमित पर्यावरण विभाग,
शक्ति सदन, शनान,
जिला शिमला, हिमाचल प्रदेश - 171006
टेलीफोन न.: 0177-2660180
ईमेल: sjvn.ced@sjvn.nic.in
sjvn.ecfc@gmail.com

संख्या: SJVN/CHQ/ENV/F-27/ 2024-41

दिनांक: 21/05/2024

सेवा में,

अतिरिक्त प्रधान मुख्य वन संरक्षक (सी),
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
क्षेत्रीय कार्यालय (NCZ), 25, सुभाष रोड,
देहरादून - 248001,
E-mail: moef.ddn@gmail.com
moef.ddn@gov.in

Sub: Six Monthly Report on Compliance of Environmental Conditions (For period October, 2023 – March, 2024) i.r.o Naitwar Mori HPS (60 MW), Uttarakhand.

Ref: EC Letter No.: J-12011/16/2010/IA.I, June 16, 2016 (issued by MoEF&CC)

Sir,

Kind reference is invited to above referred endorsement vide which Naitwar Mori Hydroelectric Project (60 MW) of SJVN in Uttarkashi Districts (Uttarakhand) was granted Environment Clearance by MoEF&CC. As per EIA notification 2006, submission of six-monthly compliance report is required to be submitted. Further, it is also desired vide notification dated 26.11.2018 to submit half yearly compliance reports in soft copies only.

Therefore, Six-Monthly Report on compliance of Environmental Conditions (for the period October, 2023 – March, 2024) is submitted herewith for your kind information, please.

संलग्नक: यथोपरि

सधन्यवाद,

भवदीय,
एसजेवीएन लिमिटेड के लिए,

(कार्यकारी निदेशक)

प्रतिलिपि (केवल ईमेल के माध्यम से):

1. Regional Director , Central Pollution Control Board (CPCB), Zonal office (North), PICUP Bhawan Vibhuti Khand, Gomti Nagar Lucknow-226010, rdlucknow.cpcb@gov.in, cpcb.lucknow@gmail.com
2. Member Secretary, Uttarakhand Pollution Control Board, Gaura Devi Bhawan, 46 B IT Park Sahastradhara, Dehradun, Uttarakhand- 248001, Email: msukpcb@yahoo.com.

Website: www.sjvn.nic.in

पंजीकृत एवं कॉर्पोरेट कार्यालय: एस जे वी एन लिमिटेड, शक्ति सदन, शनान, शिमला, हिमाचल प्रदेश-171006

Six Monthly Monitoring Report on Compliance to Environmental Aspects (For Period Ending March, 2024)

A)	Name of Project	Naitwar Mori Hydro Power Station (60 MW)
	Type of the Project	Hydroelectric
	Location	PO Mori, Tehsil Mori, District Uttarkashi, Uttarakhand.
	Contact/Address	
	(a) Concerned Project Head	Head of Project, PO Mori, Tehsil Mori, District Uttarkashi, Uttarakhand, PIN 249128
	(b) Concerned Environment Division (Project)	Head (Environment), PO Mori, Tehsil Mori, District Uttarkashi, Uttarakhand, PIN 249128
	(c) Concerned Environment Division (Corporate)	Head (Environment), SJVN Corporate Headquarters, Shanan, Shimla, HP, PIN-171006 Contact No. 0177-2660198
	Environment Clearance	J-12011/16/2010/IA.I dated 16.06.16 and corrigendum issued vide even no. dated 07.08.18

PART – A: Specific Conditions

S.No.	Condition of Environment Clearance	Status
i.	The following Catchment Area Treatment (CAT) Plan as proposed in the EIA/EMP report (Chapter – 1 in the EMP dated February, 2011) and mentioned vide letter no. SJVN/AGM/NMHEP/PEC/11-431 dated 02.09.2011 shall be strictly implemented in consultation with Uttarakhand Forest Department. Major works shall be completed before impounding. The financial allocation of Rs. 769 lakhs for CAT plan implementation shall not be diverted for any other purpose. As per plan, the area of CAT is 3995.28 ha.	The amount, i.e. Rs.12.9666 Crores against implementation of CAT plan has been deposited by SJVN in CAMPA fund. In this regard, about Rs. 528.13 lakh and Rs. 493.15 lakh has been spent by Tons Forest Division and Govind Wild Life Sanctuary & NP, Purola respectively till 31 march 2024 (total Rs. 1021.28 lakh). (Annexure-I&II)
ii.	The R&R Benefits for the land losing households will be as per the National Rehabilitation and Resettlement Policy, 2010 of SJVNL as well as NRRP – 2007 whichever is higher. Adequate publicity of the compensation package of NRRP 2007/SJVNL R&R Policy 2010 shall be given in the affected villages. All R&R issues shall be completed before commissioning of the project.	R&R Plan of NMHEP is in line with the National Rehabilitation and Resettlement Policy (NRRP) – 2007. R&R Plan of NMHEP was notified in the Official Gazette of Uttarakhand on 04.11.2017 and the same was published in two daily newspapers in the local area before its implementation. Also, the same has been uploaded in the official website of District Uttarkashi. The copies

		of R&R Plan have also been provided in the office of SDM Purola, Tehsildar Mori, BDO Mori, Panchayat Pradhans and villagers.
iii.	A monitoring committee for R&R shall be constituted which must include representatives of project affected persons from SC/ST category and a women beneficiary.	The village-wise R&R/Grievance Redressal Committee has been constituted under the Chairmanship of ADM-cum-R&R Administrator, Uttarkashi comprising of SDM, BDO, SC/ST representative, Women representative, Panchayat Pradhan (representative of PAFs) and representatives of project management.
iv.	All the commitments made during the public hearing shall be fulfilled completely by the project proponent.	The commitments viz infrastructural development works, community development works, employment to the locals, hiring of local contractors, hiring of local vehicles, technical education to the local youth, merit scholarship schemes etc. made during public hearing have been included in R&R Plan of the project which being implemented through R&R administrator (i.e. ADM-Uttarkashi) appointed by Govt.
v.	Consolidation and compilation of the muck shall be carried out only in the designated muck dumping sites as submitted in the EIA/EMP Report & in the reply submitted in February, 2011. As per the proposed muck disposal plan, out of the 7,11,240m ³ muck generated 30-40% will be utilized as construction material and remaining 4,29,583 m ³ will be dumped at the 2 designated disposal areas in 4.5 ha. The identified muck dumping sites shall be at-least 30 m horizontally away from high flood level (HFL).	The total excavation carried out in the project is 8.41 lakh m ³ out of which around 5.30 lakh m ³ has been reutilized for development of construction material, roads, component backfill, protection works and facility areas etc. The total quantity of 4.35 lakh m ³ (considering the swelling factor 40%) of muck has been dumped in two dumping sites. These dumping sites are located 30 m horizontally away from HFL of river Tons.
vi.	A minimum environmental flow of 3.55 cumecs i.e. average river discharge in the 4 consecutive leanest months in the 90% dependable year shall be have to be maintained. However, 5.0 cumecs shall be maintained as environmental flow during September – October and March – April months. Monsoon flow shall be 30% of the total Monsoon discharge.	The environment flow arrangement has been built in the barrage structure and specified environment flow is being maintained.
vii.	Continuous monitoring system for the flow rate measurement shall be installed and data be displaced at appropriate site for information of civil society and stakeholders. Six monthly results shall be submitted to the concerned Regional	The automation of different sensors is under process.

	Office of the Ministry and SPCB	
viii.	The Fishery Conservation & Management Plan as proposed in the EMP & in the reply submitted in August, 2011 shall be implemented completely in consultation with the Fisheries Department, Government of Uttarakhand. As proposed, the construction of fish ladder shall also be taken up and allocated budget of Rs. 1.00 Crore shall not be diverted for any other purpose.	Vertical slot type fish pass design has been finalized based upon recommendation of CIFRI. Accordingly, the Fish Ladder has been constructed in the barrage.
ix.	Real time telemetry and data acquisition system including all weather hydro meteorological stations shall be installed for in-flow monitoring and advance flood warning. Advance flood warning and advance communication systems shall be installed in consultation with the downstream authorities.	A hydro meteorological station has been set up at the SJVN Site Office near Barrage. It measures the ambient temperature, wind speed, relative humidity, wind direction, rainfall and dew point. Further, the procurement/installation of advance flood warning system (Early Warning System) at three locations in the Catchment area is under process.
x.	As proposed in the EMP, the Compensatory Afforestation Programme on 79.76 ha of land with soil binding species @3000 plants/ha and broad leaved species @ 2000 plants/ha with the help of State Forest Department in the degraded forest area shall be strictly taken-up. The allocated grants of Rs.3.74 Crores shall not be diverted for any other purpose.	As part of diversion of forest land, compensatory afforestation over 80.00 ha of civil soyam and forest land has been proposed at a cost of Rs.1,84,24,160/-. The said amount has been deposited with Compensatory Afforestation Fund (CAF) Uttaranchal as part of compensatory levies for compliance to Stage - I Forest Clearance. The compensatory afforestation works have been completed on 80.00 hectare of land by Forest deptt. DFO, Tons Forest Division, Purolahas submitted the progress report of CA for FY 2023-24 vide his letter No. 2997/3-2, dated 16.04.2024(Annexure-I).
xi.	Greenbelt development along the approach roads, residential areas, office complex, barrage site and along the reservoir as proposed in the EIA/EMP with 50 different plant species shall be undertaken immediately and allocated grant of Rs. 44 lakhs shall not be diverted for any other purpose.	2430 nos. of various species of tree/grass saplings like <i>jackranda</i> , <i>gulmohar</i> , <i>alstonia</i> , <i>silver oak</i> , <i>kachnar</i> , <i>deodar</i> , <i>pomegranate</i> , <i>local bamboo</i> , etc. have been planted in consultation with State Forest Department at appropriate locations in the project area. Plantation of remaining saplings is being taken up in synchronization with the completion of construction activities.
xii.	The Biodiversity Conservation and Management Plan shall be taken-up strictly as outlined in the EIA/EMP report and implemented in consultation with the	The detailed Biodiversity Conservation and Management Plan for Rs. 43.00 lakh has been prepared by CF Yamuna Circle, Dehradun & DFO, Tons Forest

	State Forest Department. The allocated grants of Rs. 43 lakhs shall not be diverted for any other purpose. A report of implementation shall be included in the six monthly compliance report to be submitted to the Ministry.	Division, Purola. Accordingly, SJVN has deposited Rs. 43.00 lakh to DFO Tons, Forest Division, Purola on 22.10.2019 for implementation. DFO, Tons Forest Division, Purola vide his letter No. 2997/3-2, dated 16.04.2024 has informed that an amount of Rs 3.81 Lakhs has been spent in FY 2022-23 against Biodiversity Conservation and Management Plan (Annexure-I). With this the total amount of Rs. 28.2 lakh has been spent so far against Biodiversity Conservation and Management Plan.
xiii.	Equipment likely to generate high noise levels shall meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000 as amended in 2010 under the Environment (Protection) Act, 1986 (EPA). For this necessary insulators etc. may be ensured.	Noise level data is got monitored by SJVN from Pollution Control Research Institute, BHEL, Haridwar from 20.06.2018 onwards. The noise level data is being submitted to Regional Office, MoEF&CC Dehradun as part of six-monthly monitoring report. All high noise generating equipment's have been provided with mufflers as per manufacture's specification. Noise level data monitored on 08 & 09 March, 2024 by SJVN from Pollution Control Research Institute, BHEL, Haridwar is attached as Annexure-III .
xiv.	Any other clearance from any other organization/department, if required shall be obtained before commencing the project.	Condition is being complied with.
xv.	As outlined in the report submitted dated 29.12.2011 for an amount of Rs.6.26 crores shall be spent for the Local Area Development in the project	The Rehabilitation and Resettlement Plan of NMHEP, consisting of infrastructural and community development works is being implemented through R&R Administrator i.e. ADM Uttarkashi who is appointed by Govt. of Uttarakhand. In this regard, a budget of Rs.1445 lacs have been deposited with R&R Administrator, Uttarkashi out of which an amount of Rs. 826.81 lacs have been incurred as follows: a) Rehabilitation grant – Rs.163.26 lacs b) Subsistence allowance – Rs.65.30 lacs c) Health care – Rs.125.01 lacs d) Educational facilities – Rs.71.68 Lacs e) Recreational Facilities– Rs.2.35 Lacs.

		<p>f) Widow Pension: 51.80 Lacs</p> <p>g) Infra & Community Development activity - Rs.286.03 Lacs.</p> <p>h) Income generation scheme- Rs 44.40 Lacs.</p> <p>i) Subsistence allowance- 16.98 Lacs</p>
xvi.	Two openings in the dam shall be kept to ensure environmental flow. One opening shall be for minimum environmental flow of 3.55 cumecs which will be un-gated and other will be gated which will be opened during the months when higher environmental flow of 5 cumecs is released. During the months of September – October and March – April, both the openings will discharge 5 cumecs.	Suitable provisions have been made in the Barrage structure to ensure environmental flow releases.
xvii.	Besides keeping environmental flows, fish hatcheries will be developed for stocking of fingerlings, both upstream and downstream of the dam site.	State Fisheries Department (SFD) had been requested to provide a plan for development of fish hatcheries for stocking of fingerlings from 2009 onwards. Director (Fisheries) vide letter dated 12.01.2018 and 23.03.19 and Asst. Director (Fisheries) vide letter no. 422 dated 27.10.2020 communicated that they are in process of survey of land for Fish hatchery. The matter was also discussed in the 4 th MDC meeting held on 27.05.2023 at Dehradun wherein the Additional Director informed that they are in discussion with the local population/ gram samitis to provide land for such fish hatcheries.
xviii.	Pension for elderly widows shall be increased to Rs.1500 per month	The provision of yearly pension @Rs.18,000/- per year (Rs. 1500/- pm) has been kept in the R&R Plan of NMHEP for the vulnerable group family head residing in the affected village. In this regard, a total of 68 widow ladies have been covered under this provision and provided monthly pension of Rs. 1500/- pm w.e.f. Nov. 2017.
xix.	The public toilets (130 nos.) with septic tanks shall be provided and maintained in each of the affected villages. A sum of Rs.61 lakhs shall be kept separately for this purpose and shall not be diverted for any other purpose.	<p>The list of beneficiaries for the construction of toilets in the Project Affected Villages have been finalized through BDO Mori and further submitted to ADM-cum-R&R Administrator, Uttarkashi.</p> <p>In this regard 84 nos. of eligible BPL families were benefited by constructed 84 nos. of toilets in Project Affected villages (PAV) i.e. Bainol, Naitwar & Gainchwangaon.</p>

xx.	System and facility for solid waste management shall also be provided in the project affected villages.	Project has provided waste collection bins in the Project Affected Villages i.e. <i>Bainol, Gainchwan & Naitwar</i> villages, amounting to around Rs. 1 lakh. Project had developed waste collection pits in Bainol Village (PAV) and Naitwar Village (PAV) and expenditure incurred are INR 58,000/- and INR 1,77,000/- respectively. Further, dustbins have been distributed in Project Affected Villages, Hospital, Tehsil Mori, Schools, Vendors of Mori Market, Forest Deptt. and SHO, Mori.
xxi.	Alternate sources for drinking water shall be provided to the affected villages and other villages in the vicinity, in case, natural springs are affected due to construction of the project. This shall be carried out in consultation with the State Irrigation and Public Health Department.	Noted. If it is technically established that the drinking water resources are dried up due to project works, the same shall be restored and water supply schemes shall be provided by SJVN on instructions of State Govt./Central Govt. through State Water Supply Dept. Nevertheless, drinking water supply schemes have already been provided in the Project Affected Villages viz. Bainol, Naitwar and Gainchwangaon as a CSR initiative through SJVN foundation.
xxii.	For planting of trees and other biological measures, indigenous and among them endemic tree species should be preferred. Turfing may be done by perennial grasses in consultation with a Horticulturist. Proponents themselves may take this responsibility under the guidance of a scientist/expert in vegetative propagation and mass multiplication (tissues culture)	Construction work at project site commenced in March 2018 and work is in progress. Plantation and turfing activities depicted herein are being undertaken in consultation with scientists/experts in line with the completion of the construction activities of the Project.
xxiii.	A specialist in reproduction biology of fishes, CIFRI should study the viable and feasible alternatives on the blocked migratory movement of fish species like <i>Schizothorax richardsonii</i> , <i>Tor putitora</i> , <i>Tor tor</i> , etc. due to construction of the dam so that these species would not become locally extinct.	The said study has been undertaken by CIFRI, Kolkatta. The final study on " <i>Viable and Feasible Alternatives on the Blocked Migratory Movement of Fish Species</i> " i.r.o. of NMHEP has been submitted by CIFRI and same has been shared with MoEF&CC (HQ) and Regional Office, Dehradun and also intimated vide six monthly report submitted as on 01 December 2021. The recommendations of study are being adopted by the project in the fish pass design.

PART – B: General Conditions

(i.)	Adequate arrangement for providing free fuel like kerosene/wood/LPG shall be made at project cost for the labour engaged in the construction work so that indiscriminate felling of trees is prevented.	To avoid indiscriminate felling of trees, canteen facility is being provided by contractors to the labour force and other officials engaged in construction activity of the project.
(ii)	Medical facilities as well as recreational facilities shall also be provided to the labourers.	Dispensary has been provided at Contractor facility. Further, First Aid kits along-with trained staff provided at Barrage, Adit-1 and Power house.
(iii)	All the laborers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit.	Being complied.
(iv)	No fugitive dust emissions should be observed at the construction sites. Water sprinkling arrangements shall be made to suppress the fugitive emissions.	All measures suggested in the EIA/EMP report including sprinkling of water were undertaken at project site.
(v)	Potable drinking water and proper sanitary facilities should be provided for the labor force and the local area people.	The provision mentioned for said activity in the EMP is being taken care by main contractor as part of the contract agreement. Drinking water supply schemes have already been provided in the Project Affected Villages viz. Bainol, Naitwar and Gainchwangaon as a CSR initiative through SJVN foundation.
(vi)	Restoration of construction area including dumping site of excavated materials shall be ensured by leveling, filling up of burrow pits, landscaping etc. The area should be properly treated with suitable plantation.	Construction work at project site has started in March 2018 and work is in progress at various locations. Restoration of construction area and dumping sites are being carried in synchronization with completion of project construction activities.
(vii)	Financial provision shall be made in the total budget of the project for implementation of the above suggested safeguard measures.	Financial provision of Rs. 32.48 Crores towards implementation of Environment Management Plan was kept in the total budget of the project.
	Status on implementation of EMP? Budgetary provision on EMP for INR 32.48 crores shall be exclusively spent on the purpose.	Expenditure on EMP: INR 45.64 crores. Details on physical and financial progress on stipulated subheads of EMP is bulleted below,
	<ul style="list-style-type: none"> CAT Plan (INR 7.69 crores) (Revised Cost: INR12.9666 crores)	Amount Deposited: INR 12.9666 crores. Utilization: State Forest Department has utilized approx. INR 1021.28 lakhs by Uttarakhand Forest Deptt. (Annexure-I&II) .
	<ul style="list-style-type: none"> R&R Plan (INR 13 crores) (Revised Cost: INR14.45 crores)	Amount Deposited with ADM, Uttarkashi: INR 14.45 crores.

	<ul style="list-style-type: none"> • CA and NPV for Forest Land Transfer (INR 3.74 crores) 	<p>Amount deposited Against CA: INR 1,84,24,160/- Against NPV: INR 3,74,47,790/-</p>
	<ul style="list-style-type: none"> • Greenbelt, Landscape and Restoration Plan (INR 44 lakhs) 	<p><i>Expenditure done: INR 6.91 lakhs</i></p>
	<ul style="list-style-type: none"> • Reservoir Rim Treatment Plan (INR 22.09 lakhs) 	<p>INR 62.72 lakhs</p>
	<ul style="list-style-type: none"> • Fuel Management Plan (INR 3.5 lakhs) 	<p>INR 13.821 lakhs. Provided Solar Cooker to Project affected families.</p>
	<ul style="list-style-type: none"> • Fisheries Management Plan (Provision made in DPR) (INR 1 crores) 	<p>Vertical slot type fish pass design has been finalized based upon recommendation of CIFRI. Accordingly, the work for construction of Fish Ladder having the contract price of Rs. 1.93 crore has been awarded on 08.09.2021.</p>
	<ul style="list-style-type: none"> • Water, Air and Noise Quality Management Plan (INR 20 lakhs) 	<p>The provision mentioned for said activity in the EMP is being taken care by main contractor as part of the contract document No. II of IV, para 2.3.14.1- control of Air Pollution and para 2.3.14.2 – control of noise pollution.</p>
	<ul style="list-style-type: none"> • Muck Disposal Plan (INR 3.8780 crores) 	<p>INR 8.86 crores.</p>
	<ul style="list-style-type: none"> • Health Management Plan (Provision made in R&R) (INR 40 lakhs) 	<p>INR 125.01 lakh (One Ambulance and miscellaneous medical aids provided to PHC Mori) under Health Management Plan of R&R provision.</p>
	<ul style="list-style-type: none"> • Dam Break Modelling & Disaster Management Plan (INR 52.60 lakhs) 	<p>Nil</p>
	<ul style="list-style-type: none"> • Environmental Awareness Plan (INR 9 lakhs) 	<p>Expenditure done: INR 3.84 lakhs (approx.)</p>
	<ul style="list-style-type: none"> • Environmental Monitoring Plan (INR 36.50 lakhs) 	<p>INR 34.62 lakhs. Details: Monitoring being done by M/s Pollution Control Research Institute (BHEL), Haridwar. Latest monitoring done in March, 2024.</p>
(viii)	<p>The project proponent shall also submit six monthly compliance reports of the stipulated EC conditions (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC and State Pollution Control Board. Both monitoring report and compliance report shall be up-loaded on the website of the Proponent.</p>	<p>Six-monthly compliance reports are being regularly submitted to MoEF&CC Regional Office (North-Central Zone), Dehradun, CPCB Zonal Office (North), Lucknow and Uttarakhand Environment Protection and Pollution Control Board, Dehradun and also uploaded on our website www.sjvn.nic.in. Yes, latest six-monthly report submitted by project to MoEF&CC on 29 November, 2023.</p>

5.	The project proponent shall provide full cooperation and all required documents/data to the officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards.	Full cooperation will be provided to officials from concerned Regional office of MoEF&CC during monitoring of the project.
6.	The responsibility of implementation of environmental safeguards rests fully with the M/s Satluj Jal Vidyut Nigam Ltd. And Government of Uttarakhand.	Noted
7.	Besides the above stated conditions, the project proponent and Government of Uttarakhand shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time.	All environmental safeguard measures proposed in the EIA/EMP report are being implemented.
8.	The Environmental Management Plan shall be strictly adhered to and a sum of Rs.32.48 crores, the budgetary provisions for implementation of EMP shall not be diverted for any other purpose.	Financial provision of Rs. 32.48 Crores towards implementation of Environment Management Plan shall not be diverted for any other purpose. At present a total of Rs. 45.64 crores have been spent so far on implementation of EMP.
9.	Any change in the scope of the project shall be intimated to the Ministry and fresh approval if required, shall be taken from the Ministry.	There is no change in the scope of the project.
10.	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.	Noted
11.	This clearance letter is valid for a period of 10 years from the date of issue of this letter for commencement of construction work.	The major work for the project has been awarded on 05.12.17 and construction activities have commenced from March 2018 onwards.
12.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/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.	The condition has been complied with. The clearance letter is available on company website www.sjvn.nic.in .
13.	A multi-disciplinary committee for monitoring the implementation of environmental safeguards during	A Multi-Disciplinary Committee for Naitwar Mori HE Project has been constituted vide MoEF&CC letter no. J-

	construction shall be constituted by the Proponent in consultation with the Ministry. The proponent shall suggest the members for approval of the Ministry. Proponent shall organize six monthly meetings of the Committee and submit the monitoring report to the Ministry.	12011/16/2010-IA.I dated 09.07.2018. The 4 th meeting of MDC was held on 27.05.2023.
14.	The proponent should advertise at least two local newspapers widely circulated in the region around the project. One of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letter area available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment, Forest & Climate Change at http://www.envfor.nic.in	Complied
15.	After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.	Condition shall be complied during operation stage of the project.
16.	The proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitoring data (both in hard copies as well as e-mail) to the respective Regional office of MoEF&CC and Zonal office of CPCB and the SPCB.	Six-monthly compliance reports are being regularly submitted to MoEF&CC Regional Office (North-Central Zone), Dehradun, CPCB Zonal Office (North), Lucknow and Uttarakhand Environment Protection and Pollution Control Board, Dehradun and also uploaded on our website www.sjvn.nic.in . The last compliance report for the period ending Sept, 2023 was submitted on 29.11.2023. Environment Monitoring results carried out during the period of compliance are enclosed as Annexure-III .
17.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if referred, within a period of 30 days from the date of issue, as prescribed under Section – 10 of the National Green Tribunal Act, 2010.	To the best of our knowledge, no such appeal has been made with National Green Tribunal against Environment Clearance issued to Naitwar Mori HE Project.

पत्रांक-2997

/3-2

दिनांक, पुरोला,

16/04/2024

सेवा में,

सहायक प्रबन्धक (पर्यावरण),
नैटवाड़-मोरी जल विद्युत परियोजना,
पर्यावरण विभाग, बैनोल उत्तरकाशी।

विषय :- नैटवाड़ मोरी जल विद्युत परियोजना की कैचमेंट कैचमेंट उपचार योजना, जैव विविधता प्रबन्धन योजना एवं क्षतिपूरक वनीकरण की अर्द्धवार्षिक प्रगति आख्या के सम्बन्ध में।

सन्दर्भ :- आपका पत्रांक-एसजेवीएन/एनएमएचईपी/पर्यावरण/24-321 दिनांक 01.04.2024।

महोदय,

उपरोक्त विषयक सन्दर्भित पत्र के क्रम में इस वन प्रभाग से नैटवाड़ मोरी जल विद्युत परियोजना के अन्तर्गत कैचमेंट उपचार योजना, जैव विविधता योजना, क्षतिपूरक वनीकरण एवं देवता रेंज भासला कक्ष सं० 1, 2 एवं 3 खनन क्षेत्र तथा सान्द्रा रेंज बैनोल कक्ष संख्या 15 एवं 16 खनन क्षेत्र के सापेक्ष वृक्षारोपण कार्य की प्रगति सूचना संलग्न कर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
संलग्न-उपरोक्तानुसार।

भवदीय,

प्रभागीय वनाधिकारी,
टौन्स वन प्रभाग, पुरोला।

Format-1
Compensatory Afforestation

Name of Forest Division:- Tons		Area of Forest Land Transferred (Ha)	Sanction letter No. with the date	Activit y(s)	Unit	Plants/ Ha		Propised Target		Achived Target		Location		Financial Block/ Compartment
S. No	Name of Forest Land Transfer Case					Phy	Fin	Phy	Fin	Phy	Fin	Foest Range	GPS ordinates	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	जनपद उत्तराखण्ड, मोरी में नैटवाल-जल विद्युत परियोजना-60 मेगावाट के रिक्वायर्ड, बैनौल से सैनौल के नजदीक पुलिंग स्टेशन तक 220 केवी0 डबल संकिट पारसेज लाईन निर्माण हेतु 107.52 हे0 वन भूमि का गैर वानिकी कार्यों हेतु एस0जे0वी0एन0 लि0 को लीज हेतु प्रत्यार्वतन अतिरिक्त जमा की जाने वाली धनराशि का मांग पत्र। प्रस्ताव सं0-FU/UK/TRANS/145533/2021	107.52	पत्र सं0 8बी / यू0सी0पी0 / 04 / 11 / 2022 / एफ. सी. / 1690 दिनांक 07.03.2022	160	Ha	8000	4.0	1.09	0	0	0	30 57' 37.55" 77 54' 24.38"	Bhakwar-4	
2					Ha	8000	4.0	1.09	0	0	0	30 57' 30.84" 77 54' 30.39"	Bhakwar-4	
3					Ha	10000	5.0	1.36	0	0	0	30 57' 22.37" 77 54' 17.22"	Bhakwar-4	
4					Ha	30000	15.0	4.07	0	0	0	30 57' 26.07" 77 53' 5.79"	Kukrera-5	
5					Ha	20000	10.0	2.72	0	0	0	30 57' 35.04" 77 52' 52.42"	Kukrera-5	
6					Ha	10000	5.0	1.36	0	0	0	31.067' 817" 77.871' 472"	Jakuli-1	
7					Ha	40000	20.0	5.43	0	0	0	31.076' 297" 77.871' 681"	Jakuli-2b	
8					Ha	20000	10.0	2.72	0	0	0	31.066' 337" 77.881413"	Jakuli-3a	
9					Ha	20000	10.0	2.72	0	0	0	31.069' 595" 77.554' 995"	Jakuli-3a	
10					Ha	12000	6.0	1.63	0	0	0	31.104' 900" 77.894' 591"	Saridhar-1	
11					Ha	20000	10.0	2.72	0	0	0	31.099' 416" 77.894' 892"	Saridhar-1	
12					Ha	10000	5.0	1.36	0	0	0	31.907' 264" 77.898' 865"	Saridhar-1	
13					Ha	10000	5.0	1.36	0	0	0	31.007' 782" 77.881' 894"	Sisan-2	
14					Ha	32000	16.0	5.38533	16	5.38533	16	30 58' 51.51" 78 8' 4.01"	Aura-1b	

15				Ha	20000	10.0	3.65388	10	3.65388	Singtoor	30 58'47.4"	Aura-1c
											78 08' 04.1"	
16				Ha	10000	5.0	2.064540	5	2.064540	Singtoor	31 01'49.232"	Lodrala-1a
											078 06'15.57"	
17				Ha	20000	10.0	2.00	0	0	Puroia	30 54'0.59"	Dalnu-7b
											78 0' 15.25"	
				Total :-	300000	150.0	42.73	31	11			
				Ha	20000	10.0	11.37490	10	8.06789	Kotlgad	31. 074' 475"	Jakuli-1
											77.871'335"	
1				Total :-	20000	10.0	11.37490	10	8.06789			
				G.Total :-	320000	160.0	54.10145	41	19.1716			

प्रमानीय वनाधिकारी,
टौन्स वन प्रभाग, पुरोला।



प्रपत्र
टौन्स वन प्रभाग, पुरोला में नैटवाड़-मोरी जल विद्युत परियोजना में कैट प्लान योजना के अन्तर्गत किये गये कार्यों का
विवरण। (वित्तीय वर्ष 2023-24)

(धनराशि ₹0 में)

क्र०सं	योजना का नाम	कार्य का नाम	प्राप्त धनराशि	इकाई	भौतिक	व्यय धनराशि	अभ्युक्ति
0	2	3	4	5	6	7	8
1	सतलुज जल विद्युत परियोजना (वन जमा)	सतलुज जल विद्युत परियोजना के अन्तर्गत सान्द्रा रेंज के नैटवाड़-मोरी जल विद्युत परियोजना के आस-पास वन पंचायत ग्राम सभा क०स०- 15 व 16 बफर जोन के आस-पास वन पंचायत ग्राम सभा रिक्ता भूमि पर 7000 पौधों का वृक्षारोपण कार्य	897,000	पौध संख्या	वन पंचायत सरपंच सरास को वाबत 40प०, सरास में वृक्षारोपण के प्रथम वर्ष-अनुक्षण भुगतान (7000 पौध रोपण)	72,300	उक्त धनराशि वित्तीय वर्ष 2022-23 में व्यय की गयी है।
2		जैव विविधता के अन्तर्गत प्राप्त	1,860,228	पौध संख्या	जैव विविधता वनीकरण के अन्तर्गत किये गये पौधों की देख-रेख व अनुक्षण कार्य करने का पारिश्रमिक (20 हे०)	381,066	
3		नैटवाड़-मोरी जल विद्युत परियोजना के निर्माण एवं विकास कार्य के अन्तर्गत टौन्स वन प्रभाग, पुरोला द्वारा तितली पार्क के समीप निर्मित शौचालय की व्यवस्था कार्य किये जाने हेतु	20,000	-	देवता रेंज के अन्तर्गत तितली पार्क के समीप निर्मित शौचालय की व्यवस्था	20,000	
4		नैटवाड़-मोरी जल विद्युत परियोजना के निर्माण एवं विकास के अन्तर्गत खनन युगान क्षेत्र देवता रेंज के भासला-1,2 व 3 के बफर जोन के आस-पास क्षेत्रों में वृक्षारोपण कार्य।	179,800	पौध संख्या	वन पंचायत देवता की 2000 पौधरोपण का भुगतान	179,800	
5	सतलुज जल विद्युत परियोजना (सी०प०) अनुक्षण चतुर्थ वर्ष	Thadung-3a (Purola Range) Thadung-12 (Purola Range) Dalnu-8 (Purola Range) Ludrala Soyam (Singtoor Range) Benol-4 (Sandra Range)	253000 253000 253000 114000 139000	ha ha ha ha ha	20.00 20.00 20.00 9.00 11.00 80.00	0 0 0 47120 47,120	
		Total :-	1012000			700286	
		G. Total :-	3969028				

(Signature)
 प्रभागीय-वबाधिकारी,
 टौन्स वन प्रभाग, पुरोला।

क्र. सं.	वृत्त का नाम	प्रभाग/सं. प्र.	कोड सं०	कार्य विवरण	प्रस्तावित कार्य	डी०पी०आर० अनुसार भौतिक कार्यों की मदवार कुल मात्रा	वित्तीय वर्ष 2019-20 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2020-21 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2021-22 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2022-23 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2023-24 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि	
							भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			2.1.1	सांभुदाधिक परिसम्पत्तियां	संस्थागत विकास एवं सहायता (डी०पी०आर० में प्रस्तावित संख्या) के माध्यम से प्रशिक्षण दिया जाना है)	-	-	-	-	-	-	-	-	-	-	-
					योग-											
					2.1.2 प्रवेश बिन्दु कार्य											
			2.1.2.1	प्रवेश बिन्दु कार्य	नाला/धार की मरम्मत/सुधारीकरण का कार्य	5	-	-	3	1.50	1	0.91	-	-	-	-
			2.1.2.2	प्रवेश बिन्दु कार्य	पयजल/सिंचाई टैंक का निर्माण	2	-	-	2	1.70	1	0.04	-	-	-	-
			2.1.2.3	प्रवेश बिन्दु कार्य	रिजर्वॉय नहर सुधारीकरण/निर्माण	289	-	-	-	-	-	3.78	-	-	-	-
			2.1.2.4	प्रवेश बिन्दु कार्य	खडजा रास्ता का सुधारीकरण	879 र०मी०	-	-	200 Rm	2.60	679 र०मी०	8.82	-	-	-	-
					योग -					5.80		13.55				
					कुल योग प्रवेश बिन्दु कार्य-					5.80		13.55				
			2.2.1	क्षमता विकास	ग्रामीणों एवं वन प्रदायता परियोजना स्टाफ व विनाग्रीथ कर्मियों का प्रशिक्षण व क्षमता विकास	63	63	1.42314	9	1.00	3	3.72	4 No	4.167	2 No	1.26500
			2.2.2	क्षमता विकास	परियोजना प्रचार-प्रसार तथा अनिलेखीकरण/डी०पी०आर० का निर्माण	१०१०	-	-	१०१०	0.50	3	2.75	L.S.	0.640	L.S.	0.330
					कुल योग क्षमता विकास एवं प्रचार प्रसार-			1.42314		1.50		6.45		4.807		1.69500
			2.3	सूक्ष्म योजना व डी०पी०आर० की तैयारी												
			2.3.1	सूक्ष्म योजना एवं विस्तृत परियोजना रिपोर्ट की तैयारी	सूक्ष्म योजना एवं विस्तृत परियोजना रिपोर्ट की तैयारी	1	1	2.50	-	-	-	-	-	-	-	-
					योग-			2.50								
			2.4	अध्ययन/अनुसंधान												
			2.4.1	अध्ययन/अनुसंधान	अध्ययन/अनुसंधान	१०१०	-	-	-	-	-	-	-	-	-	-
					योग-											

क्र.सं.	विवरण	कोड सं०	कार्य विवरण	प्रस्तावित कार्य	डी०पी०आर० अनुसार नैतिक कार्यों की मदवार कुल मात्रा	वित्तीय वर्ष 2019-20 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2020-21 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2021-22 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2022-23 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि		वित्तीय वर्ष 2023-24 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि	
						भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि	भौतिक लक्ष्य	उपलब्धि
1	5	4	6	प्रस्तावित कार्य	7	8	9	10	11	12	13	14	15	16	17
				क) मशरूम उत्पादन प्रदर्शन	10	-	-	-	-	-	-	-	-	-	-
				द) विपणन हेतु प्रकोष्ठ सहायता	0	-	-	कुट क्र-35, नैलडा-35	1.00	490	4.80	-	-	-	-
				योग-							4.80				0.60
3.2.3.1	पशुपालन														
				अ) धारा निरीकित प्रदर्शन (धारा नाट निर्माण)	303	-	-	-	-	-	-	303 No	2.430		
				ब) धारा नाट का निर्माण/धारा टच	27	-	-	20	1.00	30	0.20	20 No	3.150		
				स) प्रस्तकरण हेतु सहायता	ल०स०	-	-	-	2.00	-	0.20	-	5.580		
				योग-											
3.2.4.1	गैर कृषि सेक्टर			गैर कृषि सेक्टर											
				अ) इका दृष्टि हेतु आधारभूत संरचनाओं-शौच शौच का विकास	0	-	-	-	-	-	-	-	-	-	-
				ब) हस्तशिल्प विकास-दुल्हा, कच्चे नाल के क्रय आदि हेतु	ल०स०	-	-	14 किट	0.50	55	2.06	L.S.	1.640		
				स) विपणन हेतु प्रचार प्रसार आदि सहायता	0	-	-	-	-	-	-	-	-	-	-
				योग-					0.50		2.06		1.640		
3.2.5	सामाजिक सुरक्षा सहयोग														
				सामाजिक सुरक्षा सहयोग	0	-	-	-	-	-	-	-	-	-	1.32730
3.2.5.1	सामाजिक सुरक्षा सहयोग														
				प्रस्तावित कार्य का कुल योग-							55.743		153.000		42.02015
4	समेकन फंड														
				ग्रामीणों द्वारा विद्यालय स्नान तैयार की तैयारी	ल०स०	-	-	-	-	-	-	-	-	-	-

परियोजना सम्बन्धी वित्तीय प्रगति का कॅट प्लानवार/प्रभागवार/वर्षवार विवरण (धनराशि लाख में)

प्रपत्र-2

माह मार्च-2024		(धनराशि लाख में)														
कॅट प्लान का नाम	वृत्त का नाम	प्रभाग/पी.एम.यू. का नाम	कुल प्रोजेक्ट की धनराशि	वर्ष 2019-20 में अवमुक्त धनराशि	वर्ष 2020-21 में अवमुक्त धनराशि	वर्ष 2021-22 में अवमुक्त धनराशि	वर्ष 2022-23 में अवमुक्त धनराशि	वर्ष 2023-24 में अवमुक्त धनराशि	कुल अवमुक्त धनराशि (5+6+7+8+9)	वर्ष 2019-20 में व्यय धनराशि	वर्ष 2020-21 में व्यय धनराशि	वर्ष 2021-22 में व्यय धनराशि	वर्ष 2022-23 में व्यय धनराशि	वर्ष 2023-24 में व्यय धनराशि	कुल व्यय धनराशि (11+12+13+14+15)	अवशेष धनराशि (10-16)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
मौरी-मैटवाड़ जल विद्युत परियोजना	यमुना वृत्त	टाँस वन प्रभाग,	683.30	72.10	80.76	218.17	215.43	82.89	669.35	59.92	80.76	216.97	126.23	41.26216	528.14	141.21

प्रभागीय वनाधिकारी,
टाँस वन प्रभाग, पुरोला

माईकोपटान के अन्तर्गत प्रस्तावित/ किये जाने वाले कार्य									
वर्ष 2019-20 में प्रस्तावित कार्य	वर्ष 2019-20 में किये गये कार्य	वर्ष 2020-21 में प्रस्तावित कार्य	वर्ष 2020-21 में किये गये कार्य	वर्ष 2021-22 में किये गये कार्य	वर्ष 2022-23 में किये गये कार्य	वर्ष 2023-24 में किये गये कार्य			
अभियांत्रिकी चकडैम/ वार परवर के चकडैम 497 ध0मी0		अभियांत्रिकी चकडैम/ वार परवर के चकडैम 474 ध0मी0	अभियांत्रिकी चकडैम/ वार परवर के चकडैम 400 ध0मी0	अभियांत्रिकी चकडैम/ वार परवर के चकडैम 493 ध0मी0	अभियांत्रिकी चकडैम/ वार परवर के चकडैम 92 न0				
ग्रंटवायर चकडैम 599 ध0मी0		ग्रंटवायर चकडैम 570 ध0मी0	ग्रंटवायर चकडैम 21	ग्रंटवायर चकडैम 21	ग्रंटवायर चकडैम 137 न0	ग्रंटवायर चकडैम 472 ध0मी0			
कन्स्ट्रूट्रैच/खाई निर्माण 15 इ0		कन्स्ट्रूट्रैच/खाई निर्माण 30 इ0	कन्स्ट्रूट्रैच/खाई निर्माण 20 इ0	कन्स्ट्रूट्रैच/खाई निर्माण 72 इ0	कन्स्ट्रूट्रैच/खाई निर्माण 26 इ0	कन्स्ट्रूट्रैच 20 इ0			
जल सग्रहण टैक/परकूलेशन टैक निर्माण 19 न0		जल सग्रहण टैक/परकूलेशन टैक निर्माण 36 न0 (20)	जल सग्रहण टैक/परकूलेशन टैक निर्माण 20 न0	जल सग्रहण टैक/परकूलेशन टैक निर्माण 87 न0	जल सग्रहण टैक/परकूलेशन टैक निर्माण 63 न0	परकूलेशन टैक निर्माण 10 न0			
धारा-नीला सर्वेक्षण एवं पेयजल परम्पन 01 न0		धारा-नीला सर्वेक्षण एवं पेयजल परम्पन 02 न0		धारा-नीला सर्वेक्षण एवं पेयजल परम्पन 5 न0	धारा-नीला सर्वेक्षण एवं पेयजल परम्पन 81 न0मी0				
घाट-खाल/चरि निर्माण 12 न0		घाट-खाल/चरि निर्माण 24 न0 (15)	घाट-खाल/चरि निर्माण 15 न0	घाट-खाल/चरि निर्माण 44 न0	घाट-खाल/चरि निर्माण 25 न0	घाट-खाल/चरि निर्माण 27 न0			
वन्यजीवी के प्राकृतिक आवास सुधार हेतु उपाय 01 न0		वन्यजीवी के प्राकृतिक आवास सुधार हेतु उपाय 01 न0	वन्यजीवी के प्राकृतिक आवास सुधार हेतु उपाय 02 न0	वन्यजीवी के प्राकृतिक आवास सुधार हेतु उपाय 01 न0	वन्य जीवी को पानी हेतु 01 नग तालाब/घाट-खाल निर्माण कार्य।				
मानव वन्य जीव संघर्ष परकथाम हेतु उपाय				मानव वन्य जीव संघर्ष परकथाम हेतु उपाय	मानव वन्य जीव संघर्ष परकथाम हेतु उपाय				
वन्यजीव सुरक्षा हेतु सतर्कता बढ़ाने संबंधी उपाय				वन्यजीव सुरक्षा हेतु सतर्कता बढ़ाने संबंधी उपाय त0880	वन्यजीवों की सुरक्षा हेतु सभी दूरी को बरत करनी।	वन्यजीवों की सुरक्षा के दृष्टिगत जी0पी0एस0 बन्द करना।			
ग्रामीण वन रक्षक (एफ0एस0जी0) हेतु मानदेय 01 न0		ग्रामीण वन रक्षक (एफ0एस0जी0) हेतु मानदेय 01 न0	03 न0	त0880	ग्रामीण वन रक्षक (एफ0एस0जी0) हेतु 02 ग्रामीण वन रक्षक का मानदेय गुणमान दिया गया।				
सार्वजनिक सोलर स्ट्रीट लाइट 14 न0		सार्वजनिक सोलर स्ट्रीट लाइट 14 न0		सार्वजनिक सोलर स्ट्रीट लाइट 490 न0		कैट के अन्तर्गत ग्रामों हेतु सार्वजनिक सोलर स्ट्रीट लाइट क्रय एवं स्थापना करना।			
उपजलवा योजना के साथ कन्वर्जरजेन्स के माध्यम से एल0पी0जी0 का विवरण 36 न0		उपजलवा योजना के साथ कन्वर्जरजेन्स के माध्यम से एल0पी0जी0 का विवरण 35 न0							
कृषि वानिकी विकास 13 इ0		कृषि वानिकी विकास 13 इ0			कृषि वानिकी विकास के अन्तर्गत 70 इ0 क्षेत्र में अग्रिम मुदा कार्य एवं क्षेत्र का सर्वे व दीवालपन्दी कार्य।				

माईकोलान के अन्तर्गत प्रस्तावित/किये जाने वाले कार्य									
क्र.सं. का नाम	क्र.सं. का नाम	क्र.सं. का नाम	वर्ष 2019-20 में प्रस्तावित कार्य	वर्ष 2019-20 में किये गये कार्य	वर्ष 2020-21 में प्रस्तावित कार्य	वर्ष 2020-21 में किये गये कार्य	वर्ष 2021-22 में किये गये कार्य	वर्ष 2022-23 में किये गये कार्य	वर्ष 2023-24 में किये गये कार्य
			उन्नत कृषि तकनीक के अन्तर्गत कोमल फसलें की स्थापना तथा संचालन करना 03-10						
			जलिक-कृषि प्रकल्प-1 परियोजना का प्रदर्शन						
			आवर्तिका		आवर्तिका- 100.00				
			सूक्ष्मस्तर						
			अ) चारा मिनीडिटर प्रदर्शन						
			ब) चारा नाद का निर्माण		ब) चारा नाद का निर्माण 21-10		ब) चारा नाद का निर्माण 30-10		चारा नाद निर्माण 20-10।
			ग) प्रदर्शन का संचालन						
			घ) कृषि केंद्र का आयोजन						
			आवर्तिका काय		आवर्तिका काय		वर्तिका काय		आवर्तिका काय

प्रमाणीय कर्मचारी
 टीन्सा वन प्रभाग पुरोला।

प्रथम सात वर्षों के कैंट खान कार्यों की वित्तीय प्रगति डी0पी0आर0 के अनुसार (धनराशि लाख में)

प्रपत्र-4

माह-मार्च 2024

कैंट खान का नाम	पुल का नाम	प्रमाण/पीएम यू का नाम	2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26			योग		
			प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि	प्रस्तावित धनराशि	अवमुक्त धनराशि	व्यय धनराशि
मौरी-बैटवाह जल विद्युत परियोजना	यमुना पुल	टीएस वन प्रभाग, पुरोला	158.56	72.10	59.92	159.47	80.76	80.76	132.52	218.17	216.96723	84.81	215.43	126.234	82.89	82.89	41.26216	40.30	40.30	32.48	691.03	669.35	528.143	691.03	669.35	528.143

प्रमाणीकृत/प्रमाणित/करवी.

टीएस वन प्रभाग, पुरोला

परियोजनावार/मदवार उपलब्ध धनराशि एवं इसके विरुद्ध क्रमिक वित्तीय प्रगति का विवरण (धनराशि लाख में)

प्रपत्र-5

मार्च-2024

कॉट प्लान का नाम	वृत्त का नाम	प्रभाग/पी0ए म0यू0 का नाम	घटक/उपघटक का नाम	सकल उपलब्ध धनराशि	उपलब्ध धनराशि	भौतिक उपलब्धि	उपलब्ध धनराशि के सापेक्ष क्रमिक वित्तीय प्रगति	समाप्त धनराशि धनराशि (6-8)
1	2	3	4	5	6	7	8	9
गौरी नैटवाड जल विद्युत परियोजना	यमुना वृत्त	टौंस वन प्रभाग, पुरोला	1. परियोजना प्रवर्धन 2. तैयारी का फंड 3. कैम्पेस्ट उपचार कार्य 4. समंजन फंड 5. आकारिक व्यय	1.00000 5.64000 73.92000 0.00000 2.33000	1.00000 5.64000 73.92000 0.00000 2.33000	L.S L.S L.S L.S	0.46451 1.69500 42.02018 - 0.08250	0.53549 3.94500 31.89982 0.00000 2.24750
			योग	82.89000	82.89000		44.26216	38.62781

प्रमाणित किया गया,
टौंस वन प्रभाग, पुरोला

कैट प्लान सम्बन्धी वित्तीय प्रगति का परियोजनावार / घटकवार / उपघटकवार विवरण प्रपत्र-6 (धनराशि लाख में) मार्च-2024

कैट प्लान का नाम	वृत्त का नाम	प्रमाण/वी.एस. का नाम	कुल प्रवर्तित की मात्रा	(धनराशि लाख में)													
				उपघटक का नाम	उपघटक वार वर्ष 2019-20 में अवमुक्त धनराशि	उपघटक वार वर्ष 2020-21 में अवमुक्त धनराशि	उपघटक वार वर्ष 2021-22 में अवमुक्त धनराशि	उपघटक वार वर्ष 2022-23 में अवमुक्त धनराशि	उपघटक वार वर्ष 2023-24 में अवमुक्त धनराशि	उपघटक वार वर्ष 2020-21 में व्यय धनराशि	उपघटक वार वर्ष 2019-20 में व्यय धनराशि	उपघटक वार वर्ष 2020-21 में व्यय धनराशि	उपघटक वार वर्ष 2021-22 में व्यय धनराशि	उपघटक वार वर्ष 2022-23 में व्यय धनराशि	उपघटक वार वर्ष 2023-24 में व्यय धनराशि	अवशेष धनराशि (11-17)	
			683.30		6	7	8	9	10	11	12	13	14	15	16	17	18
				1 परियोजना प्रकल्प	-	-	-	-	-	-	-	-	-	-	-	-	-
				1.1 प्रशासनिक व्यय 13 %	0.250	2.000	43.170	19.770	-	65.190	0.250	2.000	41.967	2.84000	0.46451	47.522	17.668
				1.1.2 आयाती व्यय	-	-	-	-	1.00	1.000	-	-	-	-	-	-	1.000
				योग परियोजना प्रकल्प :-	0.250	2.000	43.170	19.770	1.00	66.190	0.250	2.000	41.967	2.84000	0.46451	47.522	18.668
				2 तयारी फंड	-	-	-	-	-	-	-	-	-	-	-	-	-
				2.1 स्वास्थ्यगत प्रगति का विकास	7.000	5.800	-	6.460	-	19.260	3.923	5.800	-	-	-	9.723	9.537
				2.1.2 प्रवेश बिन्दु कार्य	-	-	13.550	-	-	13.550	-	-	13.550	-	-	13.550	-
				2.2 क्षमता विकास	5.000	1.500	6.450	24.250	2.01	39.210	-	1.500	6.450	4.807	1.26500	14.022	25.188
				2.3 विकसित परियोजना रिपोर्ट	3.850	-	-	5.570	0.65	10.070	-	-	-	-	0.430	0.430	9.640
				2.4.1 अध्ययन/अनुसंधान	-	-	-	-	2.98	2.980	-	-	-	-	-	-	2.980
				योग तैयारी फंड :-	15.850	7.300	20.000	36.280	5.64	85.070	3.923	7.300	20.000	4.807	1.69500	37.725	47.345
				3.1 कंठमन्द उपचार कार्य	-	-	-	-	-	-	-	-	-	-	-	-	-
				3.1.1 पीडभावा विकास	-	-	2.000	-	-	2.000	-	-	2.000	-	-	2.000	-
				3.1.1.2 संपन्न हेतु पीड तैयार करना	-	-	1.000	1.144	-	2.144	-	-	1.000	-	-	1.000	1.144
				3.1.1.3 बहुउद्देशीय प्रवासियों का वनीकरण	-	-	-	-	-	-	-	-	-	-	-	-	-
				अग्रिम मूदा कार्य	-	-	8.300	-	-	8.300	-	-	8.300	-	-	8.300	-
				समीकरण	-	-	4.200	3.692	-	7.892	-	-	4.200	3.692	-	7.892	-
				अनुरक्षण प्रथम वर्ष	-	-	3.700	2.311	2.700	8.711	-	-	3.700	2.311	1.75000	7.761	0.950
				अनुरक्षण द्वितीय वर्ष	-	-	-	2.853	1.630	4.483	-	-	-	2.853	1.63000	4.483	-
				अनुरक्षण तृतीय वर्ष	-	-	-	-	2.480	2.480	-	-	-	-	2.48000	2.480	-
				3.1.1.4 60एनओआर0 मिश्रित वन	-	-	-	-	-	-	-	-	-	-	-	-	-
				अग्रिम मूदा कार्य	-	-	28.450	-	-	28.450	-	-	28.450	-	-	28.450	-
				कल्पवृक्ष कार्य	-	-	4.400	10.360	-	14.760	-	-	4.400	10.158	-	14.558	0.202



एसजेवीएन लिमिटेड

भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)
नैटवाड-गोरी जल विद्युत स्टेशन (60 मेगावाट)

पर्यावरण विभाग

यमुना परिसर, वैनोल, उत्तरकाशी (उत्तराखण्ड) 249128

पत्रांक एसजेवीएन/एनएमएचपीएस/पर्यावरण/24 - 3,9

CIN : L40101HP1988GO1008409



दिनांक: 01.04.2024

श्रीमान्,

प्रभागीय तनाधिकारी,

टौंस वन प्रभाग

पुरोला, जनपद-उत्तरकाशी (उत्तराखण्ड)

विषय: नैटवाड गोरी जल विद्युत परियोजना की कैचमेंट उपचार योजना, जैव विविधता प्रबन्धन योजना एवं क्षतिपूरक वनीकरण की अर्द्धवार्षिक प्रगति आख्या के सम्बन्ध में।

महोदय/महोदया,

पर्यावरण वन एवं जलवायु परिवर्तन, मंत्रालय, भारत सरकार द्वारा नैटवाड-गोरी जल विद्युत परियोजना को पर्यावरण स्वीकृति प्रदान की गयी है। पर्यावरण स्वीकृति में वर्णित शर्त के अनुसार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, केन्द्रीय प्रदूषण नियंत्रण बोर्ड एवं उत्तराखण्ड राज्य प्रदूषण नियंत्रण बोर्ड को प्रत्येक वर्ष 1 जून एवं 1 दिसम्बर तक पर्यावरण प्रबन्धन की छ.माही प्रगति आख्या से अवगत कराना होता है।

अतः उपरोक्त के क्रम में महोदय से अनुरोध है कि पर्यावरण स्वीकृति की अनुपालना हेतु नैटवाड गोरी जल विद्युत परियोजना की कैचमेंट उपचार योजना, जैव विविधता योजना, क्षतिपूरक वनीकरण एवं देवता रेंज भासला कक्ष संख्या - 1,2 व 3 खनन क्षेत्र तथा सांद्रा रेंज वैनोल कक्ष संख्या - 15 व 16 खनन क्षेत्र के सापेक्ष वृक्षारोपण कार्य के सम्बन्ध में दिनांक 31 मार्च 2024 को समाप्त वित्तीय वर्ष 2023-24 तक की भौतिक एवं वित्तीय प्रगति आख्या इस कार्यालय को उपलब्ध करवाने की महती कृपा करें, ताकि पर्यावरण स्वीकृति शर्त की अनुपालना समय पर की जा सके।

टौंस वन प्रभाग, पुरोला

रजिस्ट्रार सं० 5944

पत्र सं० 12

कृ. सं० 2

दिनांक 03/04/2024

धन्यवाद।

भवदीय

(Handwritten signatures and dates)
31/4/24

(Signature)
01.04.24
(आशीष मोहन सेमवाल)
सं०प्रबन्धक (सि०/पर्या०)

प्रतिलिपि: मुख्य महाप्रबन्धक/परि०प्रमुख महोदय को सादर सूचनाार्थ।



कार्यालय-उप निदेशक,
गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला

पत्रांक 1756 /3-2

पुरोला

दिनांक-04 मई 2024

सेवा में,

संप्रबन्धक (सि०/पर्या०)
नैटवाड-मोरी जल विद्युत स्टेशन (60 मेगावाट)
पर्यावरण विभाग यमुना परिसर, बैनोल,
मोरी, उत्तरकाशी।

विषय:-

नैटवाड मोरी जल-विद्युत परियोजना की कैचमेट उपचार योजना, जैव विविधता प्रबन्धन योजना एवं क्षतिपूरक वनीकरण की अर्द्धवार्षिक प्रगति आख्या के सम्बन्ध में।

सन्दर्भ:-

आपका पत्रांक-एसजेवीएन/एनएमएचपीएस/पर्यावरण/24-322 दिनांक-01 अप्रैल 2024।

उपरोक्त सन्दर्भित पत्र के अवलोकन करने का कष्ट करे। सन्दर्भित पत्र आप द्वारा अनुरोध किया गया है कि मोरी नैटवाड विद्युत परियोजना की कैचमेट उपचार की छः माही प्रगति आख्या आपको उपलब्ध कराई जाय।

उपरोक्त सन्दर्भित पत्र से चाही गई वांछित सूचना संलग्न कर अग्रेत्तर कार्यवाही हेतु प्रेषित।

संलग्नक:-

यथोपरि।


(संयक शेखर झा I.F.S.)

वन संरक्षक/उप निदेशक
गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क,
पुरोला, उत्तरकाशी

Financial Summary of CAT Plans for Year 2023-24

S. No.	Name of CAT Plan	Name of Division	APO	Released	Components wise detail (Expenditure Amount in ₹ Lakh)					Total Amount
					Project Management	Preparatory Phase	Watershed Development	Consolidated Phase	Contingency Phase	
		3	4	5	6	7	8	9	10	11
1	CAT Srinagar H.E.P. (Ending Year 2023-24)	Pauni (Civil Soyam)	1.35	1.35						
		Garhwal Forest Div.	19.20	17.49						
		Narendra Nagar	0.00	0.00						
		Rudraprayag F.Div.	22.45	22.45						
		Total	43.00	41.29						
2	CAT Tapovan- Vishnugad H.E.P. (E.Y. 2023-24)	Alaknanda (Soil)	758.85	758.85						
		Badrinath Forest Div.	91.22	91.22						
		Kedamath WL Div.	3.31	3.31						
		Nanda Devi NP	59.62	59.62						
		Total	913.00	913.00						
3	CAT Singoli- Bhatwari H.E.P. (E.Y. 2024-25)	Rudraprayag F.Div.	206.00	206.00						
		Total	206.00	206.00						
4	CAT Lata- Tapovan H.E.P. (E.Y. 2023-24)	Nanda Devi NP	185.00	145.12						
		Total	185.00	145.12						
5	CAT Phata-Byung H.E.P. (E.Y. 2023-24)	Kedamath WL Div.	51.84	41.84						
		Rudraprayag F.Div.	68.16	68.16						
		Total	120.00	110.00						
6	CAT Lakhwar H.E.P. (E.Y. 2026-27)	Mussoorie Forest Div.	1193.17	1093.55						
		Chakrata Forest Div.	721.78	623.61						
		Upper Yamuna F.Div.	287.05	274.45						
		Total	2202.00	1991.61						
7	CAT Vishnugad- Pipalkoti H.E.P. (E.Y. 2023-24)	Alaknanda (Soil)	81.98	81.98						
		Badrinath Forest Div.	553.77	553.77						
		Kedamath WL Div.	86.02	50.91						
		Nanda Devi NP	84.23	84.23						
		Total	806.00	770.89						
8	CAT Vyasi H.E.P. (E.Y. 2025-26)	Kalsi Soil Conservation	321.00	320.36						
		Total	321.00	320.36						
9	CAT Naitwar- Mori H.E.P. (E.Y. 2025-26)	Tons Forest Div.	82.89	82.89						
		Govind WL Sanct.	81.11	65.11	1.58	0.00	30.26	0.00	0.00	31.84
		Total	164.00	148.00						

S. No.	Name of CAT Plan	Name of Division	APO	Released	Components wise detail (Expenditure Amount in ₹ Lakh)					Total Amount
					Project Management	Preparatory Phase	Watershed Development	Consolidated Phase	Contingency Phase	
1	2	3	4	5	6	7	8	9	10	11
10	CAT Jamrani (E.Y. 2026-27)	Nainital Forest Div Soil Nainital Total	1306.04 534.96 1841.00	1216.67 535.00 1751.67						
11	CAT Khurani HEP (E.Y. 2027-28)	Pithoragrah Div Bageswar Total	11.95 19.05 31.00	11.95 19.05 31.00						
12	PMU CAT Lakhwar H.E.P. CAT Vyasi H.E.P. CAT PMU CAT PMU	APCCF Project CF Yamuna CF Shivalik NDBR CCF Garhwal Total	30.00 5.00 4.00 4.00 7.00 50.00 6882.00	30.00 134.68 2.00 2.00 2.00 170.68 6599.62						
Grand Total-										


 उप निदेशक
 गोविन्द कन्यजीव विहार/राष्ट्रीय पार्क
 पुरोला (उत्तरकाशी)

गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला, उत्तरकाशी
वर्ष-2023-24 (कैट प्लान)

कैट प्लान का नाम	वृत्त का नाम	प्रभाग का नाम	घटक का नाम	कार्य का विवरण	इकाई	स्वीकृत एनपीओओ के अनुसार लक्ष्य		लक्ष्य के सापेक्ष अब्युक्त घनपत्रि		उपलब्धि	
						मासिक	वित्तीय	वित्तीय	मासिक	मासिक	वित्तीय
1	2	3	4	5	6	7	8	9	10	11	
मोरी नेटवाड जलागम उपचार योजना	राजाजी टाईगर रिजर्व	गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला।	परियोजना प्रबंधन	उपकरण एवं आपूर्ति तथा भवनों की स्थापना वाहनों का क्रय (चार एवं दुपहिया) सड़िदा स्टाफ तथा ग्राम प्रक के वेलन वन कर्मचारियों को परियोजना भत्ता/मानदेय गाडियों का रख रखाव व मरम्मत तथा किराये पर परियोजना स्टाफ और मोटोवेटर्स को संचार एवं याहन भत्ता कार्यालय व्यय अनुभवण एवं मूल्यांकन	₹0	0	2.50	2.50	1	1.58	
मोरी नेटवाड जलागम उपचार योजना	राजाजी टाईगर रिजर्व	गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला।	तैयारी फेज	संस्थागत विकास एवं सहायता	₹0	0	0.00	0.00	0	0.00	
मोरी नेटवाड जलागम उपचार योजना	राजाजी टाईगर रिजर्व	गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला।	कैचमेंट उपचार कार्य	कुल योग परियोजना प्रबंधन	₹0	0	21.25	5.25	0	1.58	
				बहुउद्देशीय प्रजातियों का रोपण (ASW)	₹0	0	0.00	0.00	0	0.00	
				बहुउद्देशीय प्रजातियों का रोपण (Planation)	₹0	0	0.00	0.00	0	0.00	
				बहुउद्देशीय - अनुक्षण प्रथम वर्ष	₹0	6	0.88	0.88	6	0.59	
				बहुउद्देशीय - अनुक्षण द्वितीय वर्ष	₹0	58	7.62	7.62	58	5.08	
				बहुउद्देशीय - अनुक्षण तृतीय वर्ष	₹0	0	0.00	0.00	0	0.00	
				विभिध प0एन0आर0 (ASW)	₹0	0	0.00	0.00	0	0.00	
				विभिध प0एन0आर0 (Planation)	₹0	0	0.00	0.00	0	0.00	
				कल्चर कार्य- प्रथम वर्ष	₹0	41	6.15	6.15	42	4.10	
				कल्चर कार्य- द्वितीय वर्ष	₹0	51	6.70	6.70	51	3.22	
				कल्चर कार्य- तृतीय वर्ष	₹0	0	0.00	0.00	0	0.00	
				सिल्वीपाशचर प्रजाति- अग्रिम मृदा कार्य	₹0	0	0.00	0.00	0	0.00	
				सिल्वीपाशचर प्रजाति- वृक्षारोपण	₹0	0	0.00	0.00	0	0.00	
				सिल्वीपाशचर प्रजाति- अनुक्षण प्रथम वर्ष	₹0	33	4.83	4.83	33	3.05	
				सिल्वीपाशचर प्रजाति- अनुक्षण द्वितीय वर्ष	₹0	0	0.00	0.00	0	0.00	
				सिल्वीपाशचर प्रजाति- अनुक्षण तृतीय वर्ष	₹0	0	0.00	0.00	0	0.00	
				वानस्पतिक चैक डेम	₹0	0	0.00	0.00	0	0.00	
				अभियान्त्रिकी-कोरे पथचर के चैक डेम	₹0	0	0.00	0.00	0	0.00	
				अभियान्त्रिकी-वायर क्रेट चैक डेम	₹0	0	0.00	0.00	0	0.00	
				डाग आउट पीड	₹0	2	5.00	5.00	6	3.32	
				जल संरक्षण हेतु ट्रैच निर्माण	₹0	0	0.00	0.00	0	0.00	
				जल संग्रहण टैंक	₹0	63	4.62	4.62	7	2.51	
				धारा, नौला पेजल मरमत	₹0	0	0.00	0.00	0	0.00	
				चाल/खाल/चरी निर्माण	₹0	60	12.12	12.12	14	8.06	
				जैव विविधता संस्थाण	₹0	ल0र0	2.00	2.00	ल0र0	0.00	
				व्यक्तिगत श्रेणी के तहत पुरस्कार	₹0	0	0.00	0.00	0	0.00	
				शिष्ट श्रेणी के तहत पुरस्कार	₹0	0	0.00	0.00	0	0.00	
				वन्यजीवों के प्राकृतिक आवास सुधार हेतु उपाय	₹0	0	0.00	0.00	0	0.00	

कैंट प्लान का नाम	वृत्त का नाम	प्रभाग का नाम	घटक का नाम	कार्य का विवरण	बुकाई	स्वीकृत ए०पी०ओ० के अनुसार लक्ष्य		लक्ष्य के सापेक्ष अनुसूक्त धनराशि		उपलब्धि	
						भौतिक	वित्तीय	भौतिक	वित्तीय	भौतिक	वित्तीय
1	2	3	4	5	6	7	8	9	10	11	
				वन्य जीव सुरक्षा सतर्कता बढ़ाने सम्बन्धी उपाय वास स्थल सुधार	₹0	0	0.00	0.00	0	0.00	
				अन्य	₹0	0	0.00	0.00	0	0.00	
				सार्वजनिक सोलर स्ट्रीट लाइट	₹0	0	0.00	0.00	0	0.00	
				उज्जयला योजना के साथ कनवर्जेन्स माध्यम से एल०पी०जी० गैस घुल्ले / स्टाव का वितरण	₹0	0	0.00	0.00	0	0.00	
				कृषि विकास चारापत्ती वृक्षारोपण (ASH)	₹0	0	0.00	0.00	0	0.00	
				कृषि विकास चारापत्ती वृक्षारोपण (Famulose)	₹0	13	1.90	1.90	13	0.00	
				चार प्रजाति- अनुसूक्त प्रथम वर्ष	₹0	0	0.00	0.00	0	0.00	
				जीविक कृषि उत्पादन पद्धतियों का प्रदर्शन	₹0	0	0.00	0.00	0	0.00	
				कैबुआ / नाडेप खाद गड़बा निर्माण	₹0	0	0.00	0.00	0	0.00	
				कैबुआ उत्पादन हेचरी निर्माण (कलस्टर स्तर)	₹0	20	3.00	3.00	0	0.00	
				जीविक कृषि प्रदर्शन	₹0	0	0.00	0.00	0	0.00	
				कौमन फेसिलिटी केन्द्र की स्थापना व संचालन करना	₹0	0	0.00	0.00	0	0.00	
				फल पौध वितरण	₹0	150	0.50	0.50	0	0.00	
				मीन पालन प्रदर्शन	₹0	20	1.19	1.19	0	0.00	
				मशरूम उत्पादन प्रदर्शन	₹0	0	0.00	0.00	0	0.00	
				विपणन हेतु पैकेजिंग सहायता	₹0	0	0.00	0.00	0	0.00	
				चारा मिनीकैट प्रदर्शन	₹0	50	0.85	0.85	0	0.00	
				चारा नाव का निर्माण	₹0	0	0.00	0.00	0	0.00	
				प्रसंस्करण हेतु सहायता	₹0	0	0.00	0.00	0	0.00	
				ईको-टूरिज्म हेतु अघारभूत संरचनाओं-होम स्टे का विकास	₹0	0	0.00	0.00	0	0.00	
				हस्तशिल्प विकास-टूल्स कन्सेप्शन माल का क्रय आदि हेतु	₹0	0	0.00	0.00	0	0.00	
				विपणन हेतु प्रचार-प्रसार आदि सहायता	₹0	0	0.00	0.00	0	0.00	
				कुल योग कैबिनेट उपचार कार्य	₹0	0	59.96	59.96	0	0.00	
मोरी नैटवाड जलागम उपचार योजना	राजाजी टाईगर रिजर्व	गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला।	समेकन फेज	ग्रामीणों द्वारा विशाल स्थान की तैयारी	₹0	0	0.00	0.00	0	0.00	
				परिचालना कार्य का संरक्षण एवं संपन्न	₹0	0	0.00	0.00	0	0.00	
				कुल योग संरक्षण कार्य	₹0	0	0.00	0.00	0	0.00	
मोरी नैटवाड जलागम उपचार योजना	राजाजी टाईगर रिजर्व	गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क, पुरोला।	आकस्मिक व्यय	आकस्मिक व्यय	₹0	0	0.00	0.00	0	0.00	
				कुल योग	₹0	0	81.11	81.11	0	0.00	
				कुल योग	₹0	0	81.11	81.11	0	0.00	
					₹0	0	30.26	30.26	0	0.00	


 (मयंक शेखर झा)
 वन संरक्षक / उप-निदेशक,
 गोविन्द वन्यजीव विहार एवं राष्ट्रीय पार्क,
 पुरोला, उत्तरकाशी

वार्षिक कार्य योजना वर्ष-2022-23 (कैट प्लान) के तहत किये गये कार्यों के सापेक्ष व्यय का सारांश

S.No.	Components	Unit	वर्ष 2022-23 हेतु प्रस्तावित		अवमुक्त धनराशि	03 / 2023 तक व्यय	अवशेष धनराशि
			Physical	Financial			
1	परियोजना प्रबन्धन	3	4	5	6	7	8
	प्रशासनिक व्यय						
1.1.1	पूजीगत व्यय						
1.1.1.1	उपकरण एवं आपूर्ति तथा भवनों की स्थापना	₹	₹0	600000	600000	600000	0
1.1.1.2	वाहनों का क्रय (चार एवं दुपहिया)	₹	₹0	1600000			
1.2	आवर्ती व्यय						
1.1.2.1	संविदा स्टाफ तथा ग्राम प्रेरक के वेतन	₹	0	0	0	0	0
1.1.2.2	वन कर्मचारियों को परियोजना भत्ता/मानदेय	₹	₹0	100000	100000	100000	0
1.1.2.3	गाड़ियों का रख रखाव व मरम्मत तथा किराये पर	₹	₹0	200000	200000	200000	0
1.1.2.4	परियोजना स्टाफ और मोटिवेटर्स को संचार एवं वाहन भत्ता	₹	₹0	150000	150000	150000	0
1.1.2.5	कार्यालय व्यय	₹	₹0	25000	25000	25000	0
2	अनुभवण एवं मूल्यांकन	₹	₹0	0			
	कुल योग परियोजना प्रबन्धन			2675000	1075000	1075000	0
	तैयारी फेज						
	संस्थागत पद्धति का विकास						
1.1	संस्थागत विकास एवं सहायता (वन पंचायतों/ई0डी0सी0, 25000 प्रति संस्था) इसका उपयोग आजीविका संवर्धन, औषधीय वृक्षों का रोपण, जैव विविधता संरक्षण, ग्राम पंचायत के हरित आवरण वृद्धि आदि कार्य में किया जायेगा।	₹	0	0			
1.2	प्रवेश बिन्दु कार्य						
2.1.2.1	नीला/धारा की मरम्मत/सुधारीकरण कार्य	₹	0	0			
2.1.2.2	पेशजल/सिंचाई टैंक का निर्माण	₹	0	0			
2.1.2.3	सिंचाई नहर का सुधारीकरण/निर्माण	मी0	0	0			
2.1.2.4	खण्डजा रास्ता सुधारीकरण	मी0	0	0			
2.1.2.5	सामुदायिक चौक मरम्मत	₹	0	0			
2.1.2.6	शामुदायिक मन्दिर का जीर्णोद्धार	₹	0	0			
2.1.2.7	रेन शेड/शौचालय की मरम्मत एवं निर्माण का कार्य	₹	0	0			
2	क्षमता विकास एवं प्रचार प्रसार						
2.2.1	ग्रामीणों/वन पंचायतों/परियोजना स्टाफ व विभागीय कार्मिकों का प्रशिक्षण व क्षमता विकास	₹	0	0			
2.2.2	परियोजना प्रचार प्रसार व अभिलेखीकरण	₹	₹0	0			
2.3	सूक्ष्म योजना (माईकोप्लान) एवं विस्तृत परियोजना रिपोर्ट (डी0पी0आर0की तैयारी)	₹	₹0	0			
2.4	अध्ययन/अनुसंधान	₹	₹0	0			
	कुल योग तैयारी फेज का						
	कैचमेंट उपचार कार्य						

S.No.	Components	Unit	वर्ष 2022-23 हेतु प्रस्तावित		अवयुक्त धनराशि	03 / 2023 तक व्यय	अवशेष धनराशि
			Physical	Financial			
	जलागम उपचार कार्य						
	वातकी कार्य						
3.1.1.1	वृक्षारोपण कार्य/अग्रिम मृदा कार्य	सं०	0	4052216	4052216	4052216	0
	मृदा एवं जल संरक्षण कार्य						
3.1.2.1	वानस्पतिक चैक डैम	सं०	0	0			
3.1.2.2a	अभियांत्रिकी-कारे पथर के चैक डैम	सं०	0	0			
3.1.2.2b	अभियांत्रिकी-वायर क्रैट चैक डैम	सं०	0	0			
3.1.2.3	जल संरक्षण हेतु ट्रैच निर्माण	हे०	0	0			
3.1.2.4	जल संग्रहण टैंक	सं०	0	0			
3.1.2.5	धारा, नौला पेजल मरमात	सं०	2	500000	500000	500000	0
3.1.2.6	चाल/खाल/चरी निर्माण	सं०	50	1250000	1250000	1250000	0
	ईकोसिस्टम सर्विसेज						
3.1.3.1	संस्थागत श्रेणी के तहत पुरस्कार	सं०	ल०र०	200000	200000	200000	0
3.1.3.2	व्यक्तिगत श्रेणी के तहत पुरस्कार	सं०	ल०र०	0			
3.1.3.3	विशिष्ट श्रेणी के तहत पुरस्कार	सं०	ल०र०	0			
	वन्य जीव प्रबन्धन						
3.1.4.1	वन्यजीवों के प्राकृतिक आवास सुधार हेतु उपाय	ल०र०	5	252600	252600	252600	0
3.1.4.2	वन्य जीव सुरक्षा सर्तकता बढ़ाने सम्बन्धी उपाय	ल०र०	ल०र०	50000	50000	50000	0
3.1.4.3	मानव वन्य जीव संघर्ष हेतु रोकथाम हेतु उपाय	ल०र०	ल०र०	0			
3.1.4.4	VFG हेतु मानदेय का व्यय एवं प्रशिक्षण	स०	0	0			
	वैकल्पिक ऊर्जा						
3.1.5.1	सामुदायिक सौर स्ट्रीट लाइट	सं०	0	0			
3.1.5.2	उज्जवला योजना के साथ कनवर्जेन्स माध्यम से एल०पी०जी० गैस चुल्हे/स्टोव का वितरण	सं०	0	0			
	संरक्षण लक्षित आजीविका संवर्द्धन						
3.2.1	कृषि विकास						
3.2.1.1	कृषि विकास चारपल्ली वृक्षारोपण (ASW)	हे०	0	0			
3.2.1.2	कृषि विकास चारपल्ली वृक्षारोपण (Plantation)	हे०	0	0			
3.2.1.2	जैविक कृषि उत्पादन पद्धतियों का पदार्शन						

गावन्द वन्य जाव वहार एव राष्ट्रीय पाक, पुराला, उत्तरकाशा
वार्षिक कार्य योजना वर्ष-2022-23 (कैट प्लान) के तहत किये गये कार्यों के सापेक्ष व्यय का सारांश

S.No.	Components	Unit	वर्ष 2022-23 हेतु प्रस्तावित		अवसृत धनराशि	03 / 2023 तक व्यय	अवशेष धनराशि
			Physical	Financial			
	a. केंचुआ/नाडेप खाद गड्डा निर्माण	सं०	49	219600	219600	219600	0
	b. केंचुआ उत्पादन हैचरी निर्माण (कलस्टर स्तर)	सं०	3	78210	78210	78210	0
	c. जैविक कृषि प्रदर्शन	सं०	10	300000	300000	300000	0
	3.2.1.3 कॉमन फसिलिटी केन्द्र की स्थापना व संचालन करना	सं०	0	0			
	योग			597810	597810	597810	0
	2.2 औद्यानिकी						
	a. फल पौध वितरण	सं०	500	25000	25000	25000	0
	b. मौन पालन प्रदर्शन	सं०	30	125000	125000	125000	0
	c. मशरूम उत्पादन प्रदर्शन	सं०	10	195316	195316	195316	0
	d. विपणन हेतु पैकेजिंग सहायता	ल०र०		0		0	0
	योग			345316	345316	345316	0
	2.3 पशुपालन						
	a. चारा मिनीकट प्रदर्शन	सं०	100	85000	85000	85000	0
	b. चारा नाद का निर्माण	सं०	12	195460	195460	195460	0
	c. प्रसंस्करण हेतु सहायता	ल०र०		0			
	योग			280460	280460	280460	0
	2.4 गैर कृषि सेक्टर में आय अर्जक गतिविधियां						
	a. ईको-टूरिज्म हेतु आधारभूत संरचनाओं-होम स्टे का विकास	सं०	0	0			
	b. हस्तशिल्प विकास-टूल्स कच्चे माल का क्रय आदि हेतु	सं०	0	0			
	c. विपणन हेतु प्रचार-प्रसार आदि सहायता	ल०र०		0			
	योग			0			
	2.5 सामाजिक सुखा सहयोग	सं०	0	0			
	कुल योग कैचमेंट उपचार कार्य			7528402	7528402	7528402	0
	समेकन फेज						
	4.1 ग्रामीणों द्वारा विज्ञान प्लान की तैयारी	ल०र०		0			
	4.2 परियोजना कार्यों का संकलन एवं समापन	ल०र०		0			
	कुल योग समेकन फेज			0			
	आकस्मिक व्यय						
	महायोग			10203402	8603402	8603402	0



कार्यालय-उपनिदेशक, गोविन्द वन्य जीव विहार/राष्ट्रीय पार्क, पुरोला।
दूरभाष एवं फ़ैक्स no. 01373-223433, Email- gwlspurola@gmail.com

पत्रांक 2263 / 3-3 (कैट प्लान) पुरोला:

दिनांक 19/5/2022

सेवा में,

परियोजना प्रमुख,
एसओजेओवीओएन,
गोरी, नैटवाड, उत्तरकाशी।

विषय:- प्रभागान्त कियानवित कैट प्लान (गोरी नैटवाड जल विद्युत परियोजना) के अन्तर्गत प्रगति आख्या के संबंध में।

महोदय,

उपरोक्त विषयक पत्र के अनुपालन में गोविन्द वन्य जीव विहार/राष्ट्रीय पार्क, पुरोला के अन्तर्गत कियानवित कैट प्लान (गोरी नैटवाड जल विद्युत परियोजना) के तहत वर्ष 2019-20 से वर्ष 2021-22 तक किये गये मदवार व्यय का विवरण निम्नानुसार प्रेषित है।

S. No	Head Wise	Financial Year		
		2019-20	2020-21	2021-22
1	2	3	4	5
1	Project Management	0.25	2.00	5.23
2	Preparatory Phnse	15.85	5.60	16.71
3	Wntershed Management	0.00	161.64	168.0
	Total-	16.10	169.24	189.94

All Financial Figures are taken From Uttarakhand Campa MIS Data Portal

भवदीय

(डी०पी०बैलूनी)

उप निदेशक

गोविन्द वन्य जीव विहार/राष्ट्रीय पार्क
पुरोला, उत्तरकाशी।

पत्रांक 2263 / 3-3 सगदिनांकित।

प्रतिलिपि:-प्रभागीय वनाधिकारी, टीएस वन प्रभाग, पुरोला उत्तराखण्ड, देहरादून को सूचनार्थ प्रेषित।

उप निदेशक

गोविन्द वन्य जीव विहार/राष्ट्रीय पार्क
पुरोला, उत्तरकाशी।

CAT PLAN Expenditure for GWLS

Sr. No	Head wise	Financial year				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	Project management	0.25	2	5.23	10.75	1.58
2	Preparatory Phase	15.85	5.6	16.71	0	0
3	Water shed Management/ CAT plan	0	161.64	168	75.28402	30.26
4	Incidental expenses	0	0	0	0	
	Total	16.1	169.24	189.94	86.03402	31.84
	Grand total	493.15402				



PCRI/051

प्रदूषण नियन्त्रण अनुसंधान संस्थान
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE
 (A Govt. of India – UNDP / UNIDO Project)
 BHARAT HEAVY ELECTRICALS LIMITED
 RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2023-24 : 1344
 Date: 24-03-2024

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	23-0088-O-691
3.	Date of sampling	:	08.03.2024 to 09.03.2024
4.	Location of Sampling	:	Barrage Office (Site)
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006), NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	65	100
2.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	31	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	BDL	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	9	80
5.	Carbon Monoxide (CO)	mg/m ³	BDL	4
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Ammonia (NH ₃)	µg/m ³	BDL	400
8.	Ozone (O ₃)	µg/m ³	47	180
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	BDL	20

BDL: Below Detectable Limit,

*National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009 for Industrial, Residential and Rural Areas

Prepared by

Ankur Mohan
 Engineer (PCRI)

Approved by

Avinash
 Avinash Kumar
 Manager (PCRI)

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
 (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियन्त्रण अनुसंधान संस्थान

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2023-24 : 1345
Date: 24-03-2024

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	23-0088-0-691
3.	Date of sampling	:	08.03.2024 to 09.03.2024
4.	Location of Sampling	:	Near Stone Crusher (Site)
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006), NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 μm or PM_{10}	$\mu\text{g}/\text{m}^3$	87	100
2.	Particulate Matter less than 2.5 μm or $\text{PM}_{2.5}$	$\mu\text{g}/\text{m}^3$	41	60
3.	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	BDL	80
4.	Nitrogen Dioxide (NO_2)	$\mu\text{g}/\text{m}^3$	14	80
5.	Carbon Monoxide (CO)	mg/m^3	0.35	4
6.	Lead (Pb)	$\mu\text{g}/\text{m}^3$	BDL	1
7.	Ammonia (NH_3)	$\mu\text{g}/\text{m}^3$	BDL	400
8.	Ozone (O_3)	$\mu\text{g}/\text{m}^3$	53	180
9.	Benzene (C_6H_6)	$\mu\text{g}/\text{m}^3$	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m^3	BDL	1
11.	Arsenic (As)	ng/m^3	BDL	6
12.	Nickel (Ni)	ng/m^3	BDL	20

BDL: Below Detectable Limit,

*National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009 for Industrial, Residential and Rural Areas

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Avinash Kumar
Manager (PCRI)

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियन्त्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2023-24 : 1346
Date: 24-03-2024

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	23-0088-0-691
3.	Date of sampling	:	08.03.2024 to 09.03.2024
4.	Location of Sampling	:	Near Bainol Village
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006), NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 μm or PM_{10}	$\mu\text{g}/\text{m}^3$	61	100
2.	Particulate Matter less than 2.5 μm or $\text{PM}_{2.5}$	$\mu\text{g}/\text{m}^3$	32	60
3.	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	BDL	80
4.	Nitrogen Dioxide (NO_2)	$\mu\text{g}/\text{m}^3$	8	80
5.	Carbon Monoxide (CO)	mg/m^3	0.25	4
6.	Lead (Pb)	$\mu\text{g}/\text{m}^3$	BDL	1
7.	Ammonia (NH_3)	$\mu\text{g}/\text{m}^3$	BDL	400
8.	Ozone (O_3)	$\mu\text{g}/\text{m}^3$	43	180
9.	Benzene (C_6H_6)	$\mu\text{g}/\text{m}^3$	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m^3	BDL	1
11.	Arsenic (As)	ng/m^3	BDL	6
12.	Nickel (Ni)	ng/m^3	BDL	20

BDL: Below Detectable Limit,

*National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009 for Industrial, Residential and Rural Areas

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Avinash
Avinash Kumar
Manager (PCRI)

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियन्त्रण अनुसंधान संस्थान

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR; HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2023-24 : 1347
Date: 24-03-2024

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	23-0088-O-691
3.	Date of sampling	:	09.03.2024 to 10.03.2024
4.	Location of Sampling	:	Sandra Range Quarry (Panwar House)
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006), NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

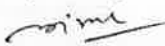
B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 μm or PM_{10}	$\mu\text{g}/\text{m}^3$	51	100
2.	Particulate Matter less than 2.5 μm or $\text{PM}_{2.5}$	$\mu\text{g}/\text{m}^3$	25	60
3.	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	BDL	80
4.	Nitrogen Dioxide (NO_2)	$\mu\text{g}/\text{m}^3$	6	80
5.	Carbon Monoxide (CO)	mg/m^3	0.10	4
6.	Lead (Pb)	$\mu\text{g}/\text{m}^3$	BDL	1
7.	Ammonia (NH_3)	$\mu\text{g}/\text{m}^3$	BDL	400
8.	Ozone (O_3)	$\mu\text{g}/\text{m}^3$	41	180
9.	Benzene (C_6H_6)	$\mu\text{g}/\text{m}^3$	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m^3	BDL	1
11.	Arsenic (As)	ng/m^3	BDL	6
12.	Nickel (Ni)	ng/m^3	BDL	20

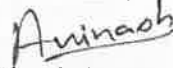
BDL: Below Detectable Limit,

*National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009 for Industrial, Residential and Rural Areas

Prepared by


Ankur Mohan
Engineer (PCRI)

Approved by


Avinash Kumar
Manager (PCRI)

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियन्त्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2023-24 : 1348
Date: 24-03-2024

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	23-0088-O-691
3.	Date of sampling	:	09.03.2024 to 10.03.2024
4.	Location of Sampling	:	Near Devta Range Quarry (Khooni Gad)
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006), NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)


B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	58	100
2.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	28	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	BDL	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	5	80
5.	Carbon Monoxide (CO)	mg/m ³	0.20	4
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Ammonia (NH ₃)	µg/m ³	BDL	400
8.	Ozone (O ₃)	µg/m ³	43	180
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	BDL	20

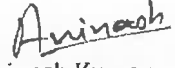
BDL: Below Detectable Limit,

*National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009 for Industrial, Residential and Rural Areas

Prepared by


Ankur Mohan
Engineer (PCRI)

Approved by


Avinash Kumar
Manager (PCRI)

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



प्रदूषण नियन्त्रण अनुसंधान संस्थान

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India - UNDP / UNIDO Project)

BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

PCRI/051

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

AMBIENT NOISE MONITORING

Lab. Ref: PCRI: Air & Noise: 2023-24 : 1349-1353

Date: 24-03-2024

A. GENERAL INFORMATION:

1	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi, Uttarakhand
2	Work Order No.	:	23-0088-0-691
3	Date of sampling	:	08.03.2024 to 09.03.2024
4	Instrument used	:	Sound Level Meter
5	Measurement carried out by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF AMBIENT NOISE MEASUREMENT:

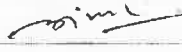
All measurement in dB (A)

Sl. No.	Location	Measured Values	Allowable Limit (Day Time) * Leq.
1.	Barrage Site Office	61	75 dB (A)
2.	Near Stone Crusher	67	
3.	Near Bainol Village	64	
4.	Near Sandra Range Quarry	60	
5.	Near Devta Range Quarry	63	


Leq. : Equivalent Sound Pressure Level

*Allowable Noise Limit: Ambient Air Quality Standards in respect of Noise: Environmental (Protection) Rule, 1986-Schedule-III for Industrial Area

Prepared by


Ankur Mohan
Engineer (PCRI)

Approved by


Avinash Kumar
Manager (PCRI)

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230666 **Date:** 23.03.2024
Indentor M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: River Water Sample from U/s of Barrage Site

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	1.1
Cadmium (as Cd)	mg/L	ND
COD	mg/L	5.0
Dissolved Phosphate (as P)	mg/L	0.91
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	0.99
Iron (as Fe)	mg/L	0.07
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230666 Date : 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	0.51
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.47
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.8
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.52
Total Dissolved Solids	mg/L	80
Total Suspended Solids	mg/L	4
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.05

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230667 **Date :** 23.03.2024
Indentor M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: River Water Sample from D/s After Barrage Site Confluence

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	1.7
Cadmium (as Cd)	mg/L	ND
COD	mg/L	8.0
Dissolved Phosphate (as P)	mg/L	0.85
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	1.13
Iron (as Fe)	mg/L	0.05
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230667 Date : 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	0.45
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.39
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	14.1
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.52
Total Dissolved Solids	mg/L	70
Total Suspended Solids	mg/L	6
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.01

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230668 **Date :** 23.03.2024
Indentor M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: River Water Sample from site before Miyagad Confluence

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	1.4
Cadmium (as Cd)	mg/L	ND
COD	mg/L	6.0
Dissolved Phosphate (as P)	mg/L	0.99
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	0.73
Iron (as Fe)	mg/L	0.03
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230668 Date: 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	0.67
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.12
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.5
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.80
Total Dissolved Solids	mg/L	74
Total Suspended Solids	mg/L	2
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.02

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230669 **Date :** 23.03.2024
Indentor M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: River Water Sample from site after Miyagad Confluence

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	0.9
Cadmium (as Cd)	mg/L	ND
COD	mg/L	4.0
Dissolved Phosphate (as P)	mg/L	0.95
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	1.08
Iron (as Fe)	mg/L	0.03
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230669 Date : 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	0.54
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.08
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.7
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.24
Total Dissolved Solids	mg/L	68
Total Suspended Solids	mg/L	2
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.03

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230670 **Date:** 23.03.2024
Indentor: M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: River Water Sample from D/s of Power House Site

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	0.9
Cadmium (as Cd)	mg/L	ND
COD	mg/L	5.0
Dissolved Phosphate (as P)	mg/L	0.81
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	0.97
Iron (as Fe)	mg/L	0.04
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230670 Date: 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	0.67
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.35
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.9
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.80
Total Dissolved Solids	mg/L	72
Total Suspended Solids	mg/L	2
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.07

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No: TL230671 **Date :** 23.03.2024
Indentor = M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: Water Sample from Tones River (Down Stream to Sandra range quarry site)

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	1.0
Cadmium (as Cd)	mg/L	ND
COD	mg/L	5.0
Dissolved Phosphate (as P)	mg/L	0.89
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	0.88
Iron (as Fe)	mg/L	0.03
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230671

Date: 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	1.30
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.08
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.4
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.52
Total Dissolved Solids	mg/L	68
Total Suspended Solids	mg/L	8
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.03

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)
POLLUTION CONTROL RESEARCH INSTITUTE
(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

Lab Reference No.: TL230672 **Date :** 23.03.2024
Indentor M/s SJVN Limited, (A Joint Venture of Govt. of India & Govt. of Himachal Pradesh), Naitwar-Mori Hydro Electric Project, Mori, Distt. Uttarkashi, Uttarakhand-249128
Customer's Ref. No.: PO SJVN/NMHEP/PCD-15-151/22-80-82 Dated 03.07.2023
Work Order No.: 23-0088-O-691
Sample Collected by: PCRI Staff **Collection Date:** 09.03.2024
Sample/Job: Water Sample from Tones River (Down Stream to Devta Range quarry site)

PARAMETER	UNIT	OBTAINED VALUE
Ammonical Nitrogen (as N)	mg/L	ND
Free Ammonia (as NH ₃)	mg/L	ND
Arsenic (as As)	mg/L	ND
BOD ₃ at 27°C	mg/L	1.3
Cadmium (as Cd)	mg/L	ND
COD	mg/L	7
Dissolved Phosphate (as P)	mg/L	0.87
Hexavalent Chromium (as Cr ⁺⁶)	mg/L	ND
Chromium Total (as Cr)	mg/L	ND
Colour	Hazen	<5
Copper (as Cu)	mg/L	0.01
Cyanide (as CN)	mg/L	ND
Fluoride (as F)	mg/L	1.04
Iron (as Fe)	mg/L	0.05
Lead (as Pb)	mg/L	ND
Manganese (as Mn)	mg/L	0.04
Mercury (as Hg)	mg/L	ND
Nickel (as Ni)	mg/L	ND
Odour	-	Agreeable

Contd..2

- Remarks :- (1) This report refers only to the particular sample/job submitted for testing.
(2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
(3) Samples will be disposed off after one month from the date of issue of Test Certificate



PCRI/051

प्रदूषण नियंत्रण अनुसंधान संस्थान

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखंड)

POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India – UNDP / UNIDO Project)

BHARAT HEAVY ELECTRICALS LIMITED

RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT

-Page 2-

Lab Reference No: TL230672 Date: 23.03.2024

PARAMETER	UNIT	OBTAINED VALUE
Nitrate (as NO ₃)	mg/L	1.30
Mineral Oil (Oil & Grease)	mg/L	ND
pH	-	8.11
Phenol	mg/L	ND
Total Residual Chlorine	mg/L	ND
Selenium (as Se)	mg/L	ND
Sulphide (as S)	mg/L	ND
Temperature	°C	13.6
Total Kjeldahl Nitrogen (as NH ₃)	mg/L	2.80
Total Dissolved Solids	mg/L	76
Total Suspended Solids	mg/L	4
Vanadium (as V)	mg/L	ND
Zinc (as Zn)	mg/L	0.01

ND-Not Detectable

Prepared by

Ankur Mohan
Engineer (PCRI)

Approved by

Shailendra Kumar
Dy. General Manager (PCRI)

- Remarks :-
- (1) This report refers only to the particular sample/job submitted for testing.
 - (2) This report is not to be reproduced wholly or partly and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate