

एसजेवीएन लिमिटेड SJVN Limited

(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)
(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)

नवरत्न सी. पी. एस. ई.

A Navratna CPSE

CIN No : L40101HP1988GOI008409



संख्या: एसजेवीएन/का.मु./पर्या./एफ-27/2025/145

दिनांक: 24/11/2025

सेवा में,

उप वन महानिदेशक (केंद्रीय),
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
क्षेत्रीय कार्यालय 25, सुभाष रोड, देहरादून -248001
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विषय: नैटवाड़ मोरी एचपीएस (60 मेगावाट), उत्तराखंड में पर्यावरणीय स्वीकृति की शर्तों की अनुपालना पर छमाही रिपोर्ट (अप्रैल, 2025 से सितंबर, 2025 तक की अवधि हेतु)।

संदर्भ: ईसी पत्र संख्या: जे-12011/16/2010/आईए.आई, 16 जून, 2016 (पर्यावरण और वन मंत्रालय द्वारा जारी)

महोदय,

कृपया उक्त पर्यावरणीय स्वीकृति का संदर्भ लें, जिसके अंतर्गत उत्तरकाशी जिले (उत्तराखंड) में एसजेवीएन की नैटवाड़ मोरी जलविद्युत परियोजना (60 मेगावाट) को पर्यावरण और वन मंत्रालय द्वारा पर्यावरण मंजूरी प्रदान की गई थी। ईआईए अधिसूचना 2006 के अनुसार, निर्धारित पर्यावरण परिस्थितियों की छमाही स्थिति प्रस्तुत करना अनिवार्य है। इसके अलावा, दिनांक 26.11.2018 की अधिसूचना के अनुसार अर्द्धवार्षिक अनुपालना रिपोर्ट सॉफ्ट कॉपी में भी प्रस्तुत करना वांछनीय है।

अतः पर्यावरणीय परिस्थितियों की अनुपालना पर छमाही रिपोर्ट (अप्रैल, 2025 से सितंबर, 2025 तक की अवधि हेतु) आपके सूचनार्थ सादर प्रस्तुत की जा रही है।

संलग्नक: यथोपरि।

सधन्यवाद,

भवदीय,
एसजेवीएन लिमिटेड के लिए,


24/11/25.
(विभागाध्यक्ष)

कारपोरेट मुख्यालय : शक्ति सदन, शानान,
शिमला-171006 (हि.प्र.) www.sjvn.nic.in
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सम्पर्क कार्यालय : ऑफिस ब्लॉक, टावर-1, 6वीं मंजिल,
एनबीसीसी कॉम्प्लेक्स, पूर्वी किदवई नगर, नई दिल्ली-110023
दूरभाष : 011-61901919 फ़ैक्स : 011-61901915

अपने तथा राष्ट्र के हित में ऊर्जा की बचत करें।

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SAVE ENERGY FOR BENEFIT OF SELF AND NATION

प्रतिलिपि (केवल ईमेल के माध्यम से):

1. सदस्य सचिव, नदी घाटी एवं जलविद्युत परियोजनाएँ, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार, इंदिरा पर्यावरण भवन, जोरबाग, नई दिल्ली - 110003
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2. क्षेत्रीय निदेशक, केंद्रीय प्रदूषण नियंत्रण बोर्ड (सीपीसीबी), आंचलिक कार्यालय (उत्तर), पीआईसीयूपी भवन विभूति खंड, गोमती नगर लखनऊ-226010, rdlucknow.cpcb@gov.in,
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**SIX MONTHLY COMPLIANCE REPORT FOR
April, 2025 to September, 2025**

A) Name of Project	Naitwar Mori Hydro Power Station (60 MW)
Type of the Project	Hydroelectric
Location	PO Mori, Tehsil Mori, District Uttarkashi, Uttarakhand.
ContactAddress	
(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. 0177-2660110
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. 531.86 lakh and Rs. 493.91 lakh has been spent by Tons Forest Division and Govind Wild Life Sanctuary & NP, Purola respectively till 31 September 2024 (total Rs. 1025.77 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

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		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 (<i>considering the swelling factor</i>) 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 Office of the Ministry and SPCB	The automation of different sensors is under process.

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, installation of advance flood warning system (Early Warning System) at three location in the Catchment area has been done and are under operation.
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, Purola has submitted the progress report of CA for FY 2024-25 vide his letter No. 1084/3-2, dated 20.09.2024 (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 State Forest Department. The allocated grants of Rs. 43 lakhs shall not be diverted for any other purpose. A report of	The detailed Biodiversity Conservation and Management Plan for Rs. 43.00 lakh has been prepared by CF Yamuna Circle, Dehradun & DFO, Tons Forest Division, Purola. Accordingly, SJVN has deposited Rs. 43.00 lakh to DFO Tons, Forest Division, Purola on 22.10.2019 for

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	implementation shall be included in the six monthly compliance report to be submitted to the Ministry.	implementation. DFO, Tons Forest Division, Purola vide his letter No. 1084/3-2, dated 20.09.2024 has informed that a nil amount has been spent in FY 2024-25 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 various agencies like Pollution Control Research Institute, BHEL, Haridwar & ECON Laboratory & Consultancy, Dehradun from 20.06.2018 onwards. Presently Noida testing Laboratories has been given the testing and sampling work of Noise, air & Water sampling on March 2025 & September 2025. 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 March 2025 & September 2025 by SJVN from Noida testing Lab, 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. 1039.04 lacs have been incurred as follows: a) Rehabilitation grant – Rs.163.26 lacs b) Subsistence allowance – Rs.65.30 lacs c) Health care – Rs.163.21 lacs d) Educational facilities – Rs.79.88 Lacs e) Recreational Facilities– Rs.2.35 Lacs.

		<p>f) Widow Pension: 53.41 Lacs</p> <p>g) Infra & Community Development activity - Rs.450.25 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 had been requested to provide a plan for development of fish hatcheries for stocking of fingerlings from 2009 onwards. In this regard, Director (Fisheries) vide letter dated 12.01.2018 and 23.03.19 and Asst. Director (Fisheries) vide letter no. 422 dated 27.10.2020 has 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 state fisheries deptt informed that they are in discussion with the local population/ gram samiti in the nearby vicinity 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 i.e. Bainol, Naitwar & Gainchwan gaon.</p>
xx.	System and facility for solid waste	Project has provided waste collection bins

Deepak Kumar

	management shall also be provided in the project affected villages.	in the PAV 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 plantation and turfing activities depicted herein are being undertaken in consultation with scientists/experts. Work is in progress.
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. Also fish pass at barrage site are operational w.e.f. 08.05.2024.

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 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. Restoration work is being carried out in construction area and dumping sites. Plantation work is in progress at various locations.
(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 were 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 1025.77 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.

Deepak Kumar

	<ul style="list-style-type: none"> • CA and NPV for Forest Land Transfer (INR 3.74 crores) 	Amount deposited Against CA: INR1,84,24,160/- Against NPV: INR3,74,47,790/-
	<ul style="list-style-type: none"> • Greenbelt, Landscape and Restoration Plan (INR 44 lakhs) 	<i>Expenditure done: INR 6.91 lakhs</i>
	<ul style="list-style-type: none"> • Reservoir Rim Treatment Plan (INR 22.09 lakhs) 	INR 62.72 lakhs
	<ul style="list-style-type: none"> • Fuel Management Plan (INR 3.5 lakhs) 	INR 13.821lakhs. Provided Solar Cocker to Project affected families.
	<ul style="list-style-type: none"> • Fisheries Management Plan (Provision made in DPR) (INR 1 crores) 	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.
	<ul style="list-style-type: none"> • Water, Air and Noise Quality Management Plan (INR 20 lakhs) 	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.
	<ul style="list-style-type: none"> • Muck Disposal Plan (INR 3.8780 crores) 	INR 8.86 crores.
	<ul style="list-style-type: none"> • Health Management Plan (Provision made in R&R) (INR 40 lakhs) 	INR 125.01 lakh (One Ambulance and miscellaneous medical aids provided to PHC Mori) under Health Management Plan of R&R provision.
	<ul style="list-style-type: none"> • Dam Break Modelling & Disaster Management Plan (INR 52.60 lakhs) 	Crisis Disaster Management and Emergency Action Plan of NMHPS have been prepared by National Safety Council, Mumbai.
	<ul style="list-style-type: none"> • Environmental Awareness Plan (INR 9 lakhs) 	Expenditure done: INR 3.84 lakhs (approx.)
	<ul style="list-style-type: none"> • Environmental Monitoring Plan (INR 36.50 lakhs) 	INR 34.62 lakhs. Details: Monitoring being done by Noida Testing Laboratories. Latest monitoring done in September 2025.
(viii)	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.	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 19.05.2025.
5.	The project proponent shall provide full	Full cooperation will be provided to

	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.	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	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 was awarded on 05.12.17 and construction activities commenced from March 2018 onwards. Project already commissioned.
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 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	A Multi-Disciplinary Committee for Naitwar Mori HE Project has been constituted vide MoEF&CC letter no. J-12011/16/2010-IA.I dated 09.07.2018. The 4 th meeting of MDC was held on 27.05.2023.

Deepak Kumar

	submit the monitoring report to the Ministry.	
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.	<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.</p> <p>The last compliance report for the period ending March, 2025 was submitted on 19.05.2025.</p> <p>Environment Monitoring results carried out during the period of compliance are enclosed as Annexure-III.</p>
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.



कार्यालय, प्रभागीय वनाधिकारी, टौन्स वन प्रभाग, पुरोला

E-Mail:- dfo_tons@yahoo.co.in, Tel:- 01373223328

ANNEXURE-I

320

पत्रांक- 1084

/3-2 दिनांक, पुरोला,

20/09/2024

सेवा में,

उप-महाप्रबन्धक (सिविल/पर्यावरण),
नैटवाड़-मोरी जल विद्युत परियोजना, (60 मेगावाट)
यमुना परिसर, 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/24-128 दिनांक 02.09.2024।

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 सं0 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,

(डी0पी0 बलूनी)

प्रभागीय वनाधिकारी,

टौन्स वन प्रभाग, पुरोला।

टौन्स वन प्रभाग, पुरोला में नैटवाड़-मोरी जल विद्युत परियोजना में कैट प्लान योजना के अन्तर्गत किये गये कार्यों का विवरण। (वित्तीय वर्ष 2024-25)

पृ. १

(धनराशि ₹० में)

क्र०सं	योजना का नाम	कार्य का नाम	प्राप्त धनराशि	इकाई	भौतिक	व्यय धनराशि	अभ्युक्त
0	नाम						
1	2	3	4	5	6	7	8
1	सतलुज जल विद्युत परियोजना (वन जमा)	सतलुज जल विद्युत परियोजना के अन्तर्गत सान्द्रा रेंज के बैनोल कंसा-15 व 16 बफर जोन के आस-पास वन पचायत ग्राम सभा रिक्त भूमि पर 7000 पौधों का वृक्षारोपण कार्य।	897,000	पौध संख्या	वन पचायत सरपंच सरास का बावत 80%। सतलुज में वृक्षारोपण के प्रथम वर्ष-अनुक्षण भुगतान (7000 पौध रोपण)	890,800	
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 पत्रिशुद्धिक (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।	1,79,800	पौध संख्या	वन पचायत देवता रेंज का 2000 पौधारोपण का भुगतान	1,79,800	
5	सतलुज जल विद्युत परियोजना (सी०ए०) अनुक्षण परम वर्ष	Thadung-3a (Puroia Range) Thadung-12 (Puroia Range) Dalnu-8 (Puroia 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	0 0 0 0 108977	
Total :-			1012000		80.00	108,977	
G. Total :-			3969028			1580643	

प्रभारी वन विभागीय अधिकारी,
टौन्स वन प्रभाग, पुरोला।

2

Format-1
Compensatory Afforestation

Name of Forest Division:- Tons														Financial Year: 2024-25		
S. No	Name of Forest Land Transfer Case	Area of Forest Land Transferred (Ha)	Sanction letter No. with the date	Activit y(s)	Unit	Plants/ Ha	Proposed Target			Achieved Target			Location		Block/ Compartment	Remark
							Phy	Fin	Phy	Fin	Phy	Fin	Forest Range	GPS ordinates		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	जनपद उलासकाशी विकासखण्ड, गोरी में नैदास-जल विद्युत परियोजना-60 भागांश के रिजर्वार्ड, बेनात से सनैल के नगदीक मुहिन स्टेशन तक 220 केवी0 डबल सर्किट पररषण लाईन निर्माण हेतु 107.52 है0 वन भूमि का गैर वानिकी कार्य हेतु एरा0जोवी0रन0 टिन0 को लीज हेतु परखारववन अतिरिक्त जमा की जाने वाली धनराशि का प्राण पत्र। प्रस्ताव सं0-FU/UK/TRANS/ 145533/2021	107.52	प्रन सं0 84/ यू0सी0वी0/0 4/11/2022/एफ. सी/1690 दिनांक 07.03.2022	160	Ha	8000	4.0	1.09	0	0	0	Devta	30 57' 37.55" 77 54' 24.38"	Bhakwar-4		
2					Ha	8000	4.0	1.09	0	0	0	Devta	30 57' 30.84" 77 54' 30.39"	Bhakwar-4		
3					Ha	10000	5.0	1.36	0	0	0	Devta	30 57' 22.37" 77 54' 17.22"	Bhakwar-4		
4					Ha	30000	15.0	4.07	0	0	0	Devta	30 57' 26.07" 77 53' 5.79"	Kukrera-5		
5					Ha	20000	10.0	2.72	0	0	0	Devta	30 57' 35.04" 77 52' 52.42"	Kukrera-5		
6					Ha	10000	5.0	1.36	0	0	0	Kotigad	31.067' 81.7" 77.871' 47.2"	Jakuli-1		
7					Ha	40000	20.0	5.43	0	0	0	Kotigad	31.076' 29.7" 77.871' 68.1"	Jakuli-2b		
8					Ha	20000	10.0	2.72	0	0	0	Kotigad	31.066' 33.7" 77.881' 41.3"	Jakuli-3a		
9					Ha	20000	10.0	2.72	0	0	0	Kotigad	31.069' 59.5" 77.554' 99.5"	Jakuli-3a		
10					Ha	12000	6.0	1.63	0	0	0	Kotigad	31.104' 90.0" 77.894' 59.1"	Saridhar-1		
11					Ha	20000	10.0	2.72	0	0	0	Kotigad	31.099' 41.6" 77.894' 89.2"	Saridhar-1		
12					Ha	10000	5.0	1.36	0	0	0	Kotigad	31.907' 26.4" 77.898' 86.5"	Saridhar-1		
13					Ha	10000	5.0	1.36	0	0	0	Kotigad	31.007' 78.2" 77.881' 89.4"	Sisan-2		
14					Ha	32000	16.0	4.35	0	0.62	0	Singtoor	30 58' 51.51" 78 8' 4.01"	Aura-1b		

Plantation
Maintenance (1
year)

15					Ha	20000	10.0	2.72	10	0.40	Singtoor	30 58'47.4"	Aura-1c	
16					Ha	10000	5.0	1.36	0	0.20	Singtoor	78 08' 04.1"	Lodrala-1a	
17					Ha	20000	10.0	2.72	0	0	Purola	078 06'15.57"	Dalnu-7b	
					Total :-	300000	150	40.74	10	1.22				
					Ha	20000	10.0	5.33	10	2.09	Kotigad	31. 07'4'475"	Jakuli-1	
					Total :-	20000	10.0	5.33	10	2.09		77.871'335"		
					G.Total :-	320000	160	46.07	20	3.31				Plantation

प्रभागीय वनाधिकारी,
 टी-ना वन प्रभाग, सुरेला।

कैट प्लान कार्यों की भौतिक प्रगति का कैट प्लानवार/प्रभागवार/मदवार विवरण
प्रपत्र-1

माह अगस्त 2024 (धनराशि लाख में)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
कैट प्लान का नाम	वृत्त का नाम	प्रभाग/पी.एम.यू.	कोड सं०	कार्य विवरण	प्रस्तावित कार्य	श्रीलक्ष्मण अनुसार भौतिक कार्य की प्रगति कुल मान	वित्तीय वर्ष 2019-20 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि	वित्तीय वर्ष 2020-21 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि	वित्तीय वर्ष 2021-22 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि	वित्तीय वर्ष 2022-23 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि	वित्तीय वर्ष 2023-24 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि	वित्तीय वर्ष 2024-25 में प्रस्तावित लेखों के सापेक्ष अद्यतन उपलब्धि							
नोरी-नैटवाड जल विद्युत परियोजना		यमुना वृत्त																	
		टीस वन प्रभाग, दुरीला																	
			1.1	प्रशासनिक खय															
			1.1.1	सूचीयत खय	उपकरण आगुती तथा भण्डों की खानपना तथा भौतिक रट/रदोर भरनत	ल०५१०	-	-	2	1 00	ल०५१०	8.68							
			1.1.1.1	सूचीयत खय	गजनों का खय (वार एव दुर्घटिया)	ल०५१०	1	0.25			4	31.87836							
			1.1.1.2	सूचीयत खय	सूचीयत खय ग्राम खय के खय	12	-	-	1.5	0.50				0.410					
			1.1.2.1	अचली खय	वन कर्मचारियों की परिसरना मल्ल/मल्लत	ल०५१०	-	-	3	0.50				6.750	1.5	0.14			
			1.1.2.2	अचली खय	परिसरना खय और सोडिक्टत को खयत एव खयत मरण	ल०५१०	-	-											
			1.1.2.3	अचली खय	पार्किंग का रखरखाव व खनत तथा किरात पर खय	ल०५१०	-	-											
			1.1.2.4	अचली खय	कर्मचारी का खय	ल०५१०	-	-											
			1.1.2.5	अचली खय	कर्मचारी के अनास भरण/अन निर्माण	ल०५१०	-	0.25		2.00		41.96723		2.840		0.46451			
			1.1.2.6	अचली खय	कर्मचारी के अनास भरण/अन निर्माण	ल०५१०	-	0.25		2.00		41.96723		2.840		0.46451			
			1.2	अचली खय	उपकरण एव मंत्रालय (०५ मं०)	ल०५१०	-	0.25		2.00		41.96723		2.840		0.46451			
					कुल योग परियोजना प्रवचन-														
					कुल योग-														
					2.1 संस्थागत पद्धति का विकास														
					2.1.1 संस्थागत विकास एवं सहायता														
					2.1.1.1 सामुदायिक परिसरनाहिन														
					2.1.2 प्रवेश सिन्डु कार्य														
					2.1.2.1 प्रवेश सिन्डु कार्य	5	-	-	3	1.50	1	0.91							
					2.1.2.2 प्रवेश सिन्डु कार्य	2	-	-	2	1.70	1	0.04							
					2.1.2.3 प्रवेश सिन्डु कार्य	289	-	-				3.78							
					2.1.2.4 प्रवेश सिन्डु कार्य	879 १०५१०	-	-	200 Rm	2.60	679 १०५१०	8.82							

कैट प्लान का नाम	वृत्त का नाम	प्रमाण/पीएम.यू.	कोड सं०	कार्य विवरण	प्रस्तावित कार्य	श्री00100000 अनुसार भाषिक कार्य की मदतवर कुल यात्रा	वित्तीय वर्ष 2019-20 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध	वित्तीय वर्ष 2020-21 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध	वित्तीय वर्ष 2021-22 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध	वित्तीय वर्ष 2022-23 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध	वित्तीय वर्ष 2023-24 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध	वित्तीय वर्ष 2024-25 में प्रस्तावित लेखों के साथै अद्यतन उपलब्ध						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			3.1.4.4		प्रकीर्ण एवं कफा हनु मानदेवा तथा प्रकीर्ण का रजः	6	-	-	3	0.50	2	0.61	2.750	1.310	-	-	-	-
					कुल योग वन्यजीव प्रखरन					1.50		6.65		2.500		0.876		
			3.1.5	वैकल्पिक ऊर्जा														
			3.1.5.1	इकासेन्टन सक्षिपत	संरक्षित साकेर स्टेड लाइट/साकेर	87					190	4.90		850		1.17		
			3.1.5.2		उपदेवना योत्रणा के साथ कर्कटिन क भायम से पुनर्गठित का विवरण	222												
					कुल योग वैकल्पिक ऊर्जा-							4.90				1.17		
			3.2	नक्षण लक्षित आजीविका संवर्दन														
			3.2.1	कृषि विकास														
			3.2.1.1	कृषि विकास	कृषि प्रविर्ण विकास	13							1.300	12.067				
			3.2.1.2	जीविक कर्षे उत्पादन पद्धतिया आ प्रदर्शन	जीविक कर्षे उत्पादन पद्धतिया का प्रदर्शन क) कृषि/साकेर स्टेड लाइट/साकेर ब) कृषि/उपदेवना के साथ कर्कटिन क भायम से क) जीविक कर्षे प्रदर्शन	86 5 26					86 5	3.87 1.27	1.5 No	4.500				
					योग-							5.14		16.607				
			3.2.1.2	उन्नत कृषि तकनीक	कानन प्रविर्ण कानन की स्थापना रखा राखलन करना	5												
			3.2.2.1	कृषि विकास	अर्धविकी (विषम वृक्ष कर्कटिन करण) क) वन वीम विरक्षण ख) मीनापलन प्रदर्शन ग) भायम उत्पादन प्रदर्शन द) विषम वृक्ष कर्कटिन साकेरता	4842 31 10 0								1.5	0.980			
					कुल योग कृषि विकास-							5.14		16.607				
			3.2.3.1	पशुपालन	पशुपालन							4.80		0.980		0.60		
					क) चारा क्वीक्रेट प्रदर्शन (चारा नार विषम) ब) चारा नार का विषम/चारा रत ग) प्रदर्शन हेतु साकेरता	303 27 लक्ष0			20	1.00	30	0.20	20 No	3.150				
					योग-					2.00		0.20		5.860				

केट प्लान का नाम	वृत्त का नाम	प्रमाण/पी.एम.यू.	कोड सं०	कार्य विवरण	प्रस्तावित कार्य	कौशल/कारण अनुसार भौतिक कार्य की मदत/कुल मात्रा	वित्तीय वर्ष 2018-20 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	वित्तीय वर्ष 2024-25 में प्रस्तावित लक्ष्यों के सापेक्ष अद्यतन उपलब्धि						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			32.4.1	गैर कृषि सेक्टर	गैर कृषि सेक्टर (अ) ट्रेकिंग एवं आधारभूत संरचना/आ-तंत्र सहित का विकास (ब) इस्पात/सिमेंट विनिर्माण-ट्रेडिंग कारखाना का कार्य शुरू कर देना (ग) विद्युत तंत्र प्रसार प्रसार मासिक सार्वजनिक	0			14	0.50	55	2.06	1.5	1.640				
				32.5 सामाजिक सुरक्षा सहयोग	सामाजिक सुरक्षा सहयोग	0												
					प्रस्तावित कार्यों का कुल योग-	योग-			55,743	71,460	153,000	114,284				42,020.5		3,720.24
				4 समकाल फंड														
			4.1	ग्रामीण द्वारा विद्युत स्तंभों/समकाल फंड का विद्युत स्तंभ की मरम्मत	ग्रामीण द्वारा विद्युत स्तंभ की मरम्मत	100000												
			4.2	परिचालन कार्यों का समकाल फंड का समकाल फंड संचालन	परिचालन कार्यों का समकाल फंड संचालन	100000												
					कुल योग-													
			5.1	आवकति/व्यय	आवकति/व्यय	100000												
					योग-													
					महाराष्ट्र -			59.92		80.76	216.9672	126.23				44.26216		3,720.20

प्रभागीय वनधिकारी,
टॉन्स वन प्रभाग, पुरोला।

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

प्रपत्र-5

अगस्त-2024

कैट प्लान का नाम	वृत्त का नाम	प्रभाग/पीOP मॉड्यूल का नाम	घटक/उपघटक का नाम	सकल उपलब्ध धनराशि	उपलब्ध धनराशि	भौतिक उपलब्धि	उपलब्ध धनराशि के सापेक्ष क्रमिक वित्तीय प्रगति	समाधित धनराशि धनराशि (6-8)
1	2	3	4	5	6	7	8	9
मोरी-नैटवाड जल विद्युत परियोजना	यमुना वृत्त	टॉस वन प्रभाग, पुरोला	1. परियोजना प्रबन्धन	7.68000	0.00000	L.S	0.00000	0.00000
			2. तैयारी का फेज	3.56000	0.00000	L.S	0.00000	0.00000
			3. कैबिनेट उपचार कार्य	51.52000	10.00000	L.S	3.72020	6.27980
			4. समेकन फेज	0.00000	0.00000	-	-	0.00000
			5. आकस्मिक व्यय	4.83000	0.00000	L.S	0.00000	0.00000
			योग	67.59000	10.00000		3.72020	6.27980

प्रभोगिक अधिकारी,
टॉस वन प्रभाग, पुरोला



एसजेवीएन लिमिटेड

(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)

नैटवाड - मोरी जल विद्युत स्टेशन (60 मेगावाट)

यमुना परिसर, बैनोल, उत्तरकाशी (उत्तराखण्ड) 249128

पत्रांक एसजेवीएन/एनएमएचपीएस/ पर्यावरण/ 24-128

दिनांक 02-09-2024

सेवा में,

प्रभागीय वनाधिकारी

टैंस वन प्रभाग

पुरोला, जनपद— उत्तरकाशी (उत्तराखण्ड)

टैंस वन प्रभाग, पुरोला
रजिस्टर सं०..... 1127
फाइल सं०..... 12
लेट सं०..... 1
दिनांक..... 12/09/2024

विषय:— नैटवाड मोरी 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—मोरी जल विद्युत परियोजना को पर्यावरण स्वीकृति प्रदान की गयी है। पर्यावरण स्वीकृति में वर्णित शर्तों के अनुसार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, केन्द्रीय प्रदूषण नियंत्रण बोर्ड एवं उत्तराखण्ड राज्य प्रदूषण बोर्ड को परियोजना द्वारा प्रत्येक वर्ष 1 जून एवं 1 दिसम्बर तक पर्यावरण प्रबन्धन की अर्द्धवार्षिक प्रगति आख्या से अवगत कराना होता है।

अतः उपरोक्त के क्रम में महोदय से अनुरोध है कि पर्यावरण की अनुपालना हेतु नैटवाड मोरी 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—बैनोल कक्ष संख्या — 15 व 16 खनन क्षेत्र के सापेक्ष वृक्षारोपण कार्य के सम्बन्ध में दिनांक 30 सितम्बर 2024 को समाप्त होने जा रही वित्तीय वर्ष 2024—2025 तक की अर्द्धवार्षिक भौतिक एवं वित्तीय प्रगति आख्या इस कार्यालय को प्रेषित करने की महती कृपा करें, ताकि पर्यावरण स्वीकृति शर्त की अनुपालना समय पर की जा सके।

धन्यवाद।

(Handwritten signatures and initials)

भवदीय
(Handwritten signature)
32/09/24
(मुकेश तोमर)

उप—महाप्रबन्धक (सिविल/पर्यावरण)

प्रतिलिपि: मुख्य महाप्रबन्धक/ परियोजना प्रमुख, नैमोजविप महोदय को सादर सूचनार्थ।



कार्यालय—उपनिदेशक, गोविन्द वन्यजीव विहार एवं राष्ट्रीय पार्क, पुरोला ।

पुरोला, दूरभाष नं०. 01373-223433, Email- gwlspurola@gmail.com

पत्रांक:- 631/3-19

पुरोला:

दिनांक 18.10.2024

सेवा में

उप-महाप्रबन्धक (सिविल/पर्यावरण)
एस.जे.वी.एन. लिमिटेड,
नैटवाड़ मोरी, उत्तरकाशी।

विषय:-

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

सन्दर्भ:-

आपका पत्रांक एसजेवीएन/एनएमएचपीएस/पर्यावरण/24-129 दिनांक 02.09.2024

महोदय

उपरोक्त विषयक सन्दर्भित पत्र के कम में गोविन्द वन्यजीव विहार एवं राष्ट्रीय पार्क के अन्तर्गत वर्तमान वित्तीय वर्ष 2024-25 हेतु नैटवाड़-मोरी जल विद्युत परियोजना के अन्तर्गत अर्द्धवार्षिक प्रगति सूचना निम्नानुसार प्रेषित है-

Naitwar Mori CAT Plan Expenditure Details for First Half of FY 2024-25			
S.No.	Particulars	Released Amount	Expendiure
1	Project Management	0.00	0.00
2	Preparatory Phase	0.00	0.00
3	Catchment Area Treatment	20.00	0.76
4	Consolidated Phase	0.00	0.00
5	Contingency Phase	0.0	0.00
	Total:-	20.00	0.76

भयदीय,
उप निदेशक,

गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क,
पुरोला, उत्तरकाशी

पत्रांक / समदिनांकित।

प्रतिलिपि- प्रभागीय वनाधिकारी/नोडल अधिकारी, टॉस वन प्रभाग, पुरोला को सूचनार्थ प्रेषित।

उप निदेशक,

गोविन्द वन्य जीव विहार एवं राष्ट्रीय पार्क,
पुरोला, उत्तरकाशी



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MoEF, CC (Ministry of Environment, Forest & Climate Change) and UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

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TEST CERTIFICATE

ANNEXURE-III

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : AAQ-300925-01
ULR No. : TC1596425000008522F
Test Report of : Ambient Air Quality
Discipline : Atmospheric Pollution
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

SAMPLING & ANALYSIS DATA

Sample Drawn By : NTL Representative
Date of Sample Received : 30/09/2025 to 01/10/2025
Sample Description : Ambient Air
Sampling Location : Barrage Site
Sampling Plan & Procedure : SOP-AAQ/08
Analysis Duration : 01/10/2025 to 06/10/2025
Average Flow Rate of SPM (m³/min.) : 1.15
Average Flow Rate of Gases (lpm) : 1.0
Sampling Instrument Used : Respirable Dust Sampler (PM₁₀) Fine Particulate Sampler (PM_{2.5}) With Gaseous Attachment
Weather Condition : Clear

TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act.
1.	Particulate Matter (PM ₁₀)	IS:5182 Part-XXIII	62.13	µg /m ³	100.0
2.	Particulate Matter (PM _{2.5})	NAAQMS/36 Vol-1, CPCB	24.05	µg /m ³	60.0
3.	Sulphur Dioxide	IS:5182 Part-II	7.26	µg /m ³	80.0
4.	Nitrogen Dioxide	IS:5182 Part-VI	15.14	µg /m ³	80
5.	Carbon Monoxide	NIOSH 6604	< 1.15	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 Part-XXII	<0.10	µg /m ³	1.0
7.	Nickel (as Ni)	NAAQMS/36 Vol-1, CPCB	<20.00	ng /m ³	20.0
8.	Arsenic (as As)	NAAQMS/36 Vol-1, CPCB	<5.00	ng /m ³	6.0
9.	Ozone (as O ₃)	IS:5182 Part-IX	14.0	µg /m ³	180.0
10.	Ammonia (as NH ₃)	NIOSH 6015	< 20.00	µg /m ³	400.0
11.	Benzene (as C ₆ H ₆)	IS:5182 Part-XI	< 1.00	µg /m ³	5.0
12.	Benzo(α) Pyrene- Particulate phase only	IS:5182 Part-XII	< 1.00	ng /m ³	1.0

Notes: -

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

Branch Office :

HARIDWAR | DEHRADUN | PUNE

E-mail : noida.laboratory@gmail.com | Website : www.noidalabs.com



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+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

analyzing for an Assured Future

TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : AAQ-300925-02
ULR No. : TC159642500008523F
Test Report of : Ambient Air Quality
Discipline : Atmospheric Pollution
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

SAMPLING & ANALYSIS DATA

Sample Drawn By : NTL Representative
Date of Sample Received : 30/09/2025 to 01/10/2025
Sample Description : Ambient Air
Sampling Location : Warehouse Area
Sampling Plan & Procedure : SOP-AAQ/08
Analysis Duration : 01/10/2025 to 06/10/2025
Average Flow Rate of SPM (m³/min.) : 1.12
Average Flow Rate of Gases (lpm) : 1.0
Sampling Instrument Used : Respirable Dust Sampler (PM₁₀) Fine Particulate Sampler (PM_{2.5}) With Gaseous Attachment
Weather Condition : Clear

TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act.
1.	Particulate Matter (PM ₁₀)	IS:5182 Part-XXIII	58.06	µg /m ³	100.0
2.	Particulate Matter (PM _{2.5})	NAAQMS/36 Vol-1, CPCB	32.14	µg /m ³	60.0
3.	Sulphur Dioxide	IS:5182 Part-II	6.53	µg /m ³	80.0
4.	Nitrogen Dioxide	IS:5182 Part-VI	12.16	µg /m ³	80
5.	Carbon Monoxide	NIOSH 6604	< 1.15	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 Part-XXII	<0.10	µg /m ³	1.0
7.	Nickel (as Ni)	NAAQMS/36 Vol-1, CPCB	<20.00	ng /m ³	20.0
8.	Arsenic (as As)	NAAQMS/36 Vol-1, CPCB	<5.00	ng /m ³	6.0
9.	Ozone (as O ₃)	IS:5182 Part-IX	12.0	µg /m ³	180.0
10.	Ammonia (as NH ₃)	NIOSH 6015	< 20.00	µg /m ³	400.0
11.	Benzene (as C ₆ H ₆)	IS:5182 Part-XI	< 1.00	µg /m ³	5.0
12.	Benzo(α) Pyrene- Particulate phase only	IS:5182 Part-XII	< 1.00	ng /m ³	1.0

Notes: -

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

Branch Office :

HARIDWAR | DEHRADUN | PUNE

E-mail : noida.laboratory@gmail.com | Website : www.noidalabs.com



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+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future

TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : AAQ-300925-03
ULR No. : TC159642500008524F
Test Report of : Ambient Air Quality
Discipline : Atmospheric Pollution
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

SAMPLING & ANALYSIS DATA

Sample Drawn By : NTL Representative
Date of Sample Received : 30/09/2025 to 01/10/2025
Sample Description : Ambient Air
Sampling Location : Near Office Complex
Sampling Plan & Procedure : SOP-AAQ/08
Analysis Duration : 01/10/2025 to 06/10/2025
Average Flow Rate of SPM (m³/min.) : 1.12
Average Flow Rate of Gases (lpm) : 1.0
Sampling Instrument Used : Respirable Dust Sampler (PM₁₀) Fine Particulate Sampler (PM_{2.5}) With Gaseous Attachment
Weather Condition : Clear

TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act.
1.	Particulate Matter (PM ₁₀)	IS:5182 Part-XXIII	63.45	µg/m ³	100.0
2.	Particulate Matter (PM _{2.5})	NAAQMS/36 Vol-1, CPCB	28.25	µg/m ³	60.0
3.	Sulphur Dioxide	IS:5182 Part-II	7.13	µg/m ³	80.0
4.	Nitrogen Dioxide	IS:5182 Part-VI	16.30	µg/m ³	80
5.	Carbon Monoxide	NIOSH 6604	< 1.15	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 Part-XXII	<0.10	µg/m ³	1.0
7.	Nickel (as Ni)	NAAQMS/36 Vol-1, CPCB	<20.00	ng/m ³	20.0
8.	Arsenic (as As)	NAAQMS/36 Vol-1, CPCB	<5.00	ng/m ³	6.0
9.	Ozone (as O ₃)	IS:5182 Part-IX	14.0	µg/m ³	180.0
10.	Ammonia (as NH ₃)	NIOSH 6015	< 20.00	µg/m ³	400.0
11.	Benzene (as C ₆ H ₆)	IS:5182 Part-XI	< 1.00	µg/m ³	5.0
12.	Benzo(α) Pyrine- Particulate phase only	IS:5182 Part-XII	< 1.00	ng/m ³	1.0

Notes: -

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- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Checked By:

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

Branch Office :

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TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : AN-300925-04
ULR No. : TC159642500008525F
Test Report of : Ambient Noise
Discipline : Atmospheric Pollution
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

SAMPLING & ANALYSIS DATA

Monitoring Started On : 30/09/2025
Sample Drawn By : NTL Representative
Monitoring Period : 30/09/2025 to 01/10/2025
Sample Description : Ambient Noise
Sampling Location : Barrage Site
Protocol Followed : IS 9989: 1981 (RA 2023)

RESULTS

S. No.	Monitoring Parameter	Result (Average)	Unit of Measure	Requirements as per CPCB Guidelines		
				Permissible Noise Levels in dB(A) Leq		
				Category of Area/Zone	Day Time 06.00 am to 10.00 pm	Night Time 10.00 pm to 06.00 am
1.	EQUIVALENT NOISE LEVEL (6:00 AM to 10:00 PM)	62.2	dB(A)	Industrial Area	75	70
2.	EQUIVALENT NOISE LEVEL (10:00 PM to 6:00 AM)	47.6	dB(A)	Commercial Area	65	55
				Residential Area	55	45
				Silence Zone	50	40

Notes:

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TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : AN-300925-05
ULR No. : TC1596425000008526F
Test Report of : Ambient Noise
Discipline : Atmospheric Pollution
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

SAMPLING & ANALYSIS DATA

Monitoring Started On : 30/09/2025
Sample Drawn By : NTL Representative
Monitoring Period : 30/09/2025 to 01/10/2025
Sample Description : Ambient Noise
Sampling Location : Near Office Complex
Protocol Followed : IS 9989: 1981 (RA 2023)

RESULTS

S. No.	Monitoring Parameter	Result (Average)	Unit of Measure	Requirements as per CPCB Guidelines		
				Permissible Noise Levels in dB(A) Leq		
				Day Time 06.00 am to 10.00 pm	Night Time 10.00 pm to 06.00 am	
1.	EQUIVALENT NOISE LEVEL (6:00 AM to 10:00 PM)	57.2	dB(A)	Industrial Area	75	70
				Commercial Area	65	55
2.	EQUIVALENT NOISE LEVEL (10:00 PM to 6:00 AM)	44.7	dB(A)	Residential Area	55	45
				Silence Zone	50	40

Notes:

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Issued To: **M/s SJVN Ltd.**
Naitwar Mori Hydro Electric Project

Address: **P.O-Mori, District- Uttarkashi**
(Uttarakhand)- 249128

Report Code : **W-300925-06**
ULR No. : **TC159642500008527F**
Test Report of : **Water**
Discipline : **Chemical**
Service Request No : **NTL/SRF/09/25-02**
Service Request Date : **29/09/2025**
Report Issue Date : **06/10/2025**

Sampling & Analysis Data

Sample Description : **Water**
Sampling Location : **Barrage Site (Upstream)**
Sample Quantity : **2.0 Ltr.+500 ml**
Sample Drawn By : **NTL Representative**
Sample Drawn On : **30/09/2025**
Sample Received On : **01/10/2025**
Analysis Duration : **01/10/2025 to 06/10/2025**
Sample Marking & Packing : **Plastic+ Glass Bottle**

RESULTS

S. No.	Parameter	Units	Test Method	Results	Standards as Per IS:2296 Class-C Limits
1.	pH	-	IS:3025(Part-11)	7.68	8.5
2.	Temperature	°C	IS:3025(Part-9)	18.0	---
3.	Colour	Hazen	IS-3025(P-04)	<5.0	---
4.	Odour	-	IS-3025(P-05)	Agreeable	---
5.	Nitrate (NO ₃)	mg/l	IS:3025(Part-34)	0.10	50
6.	Ammonical Nitrogen	mg/l	IS:3025:(Part-34)	2.35	---
7.	Total Kjeldhal Nitrogen	mg/l	IS:3025:(Part-34)	4.64	---
8.	Free Ammonia	mg/l	IS:3025:(Part-34)	0.53	---
9.	Fluoride (as F)	mg/l	APHA 4500F	0.10	1.5
10.	Mineral Oil (Oil & Grease)	mg/l	IS:3025:(Part-39)	BDL(<1.0)	---
11.	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS: 3025 (Part - 43)	BDL(<0.5)	---
12.	COD (as O ₂)	mg/l	APHA-5220 B	12.0	---

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13.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.054	50
14.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	74.0	1500
15.	Total Suspended Solid	mg/l	IS:3025(Part-17)	BDL(<5.0)	---
16.	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	2.2	3.0
17.	Residual Chlorine	mg/l	IS: 3025 (P-26)	BDL(DL-1.0)	---
18.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)	0.2
19.	Selenium (as Se)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
20.	Vanadium (as V)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
21.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<0.01)	0.1
22.	Copper (as Cu)	mg/l	IS:3025(Part-42)	BDL(<0.010)	1.5
23.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	BDL(<0.10)	15
24.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.010)	---
25.	Mercury ()	mg/l	IS: 3025 (Part - 65)	BDL(<0.01)	---
26.	Nickel (as Ni)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
27.	Cadmium (as Cd)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
28.	Cyanide	mg/l	IS: 3025 (Part - 27)	BDL(<0.1)	---
29.	Sulfide (as S)	mg/l	IS: 3025 (Part - 29)	BDL(0.1)	---
30.	Hexavalent Chromium (as Cr ⁺⁶)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
31.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
32.	Dissolve Phosphate (as P)	mg/l	IS:3025(Part-31)	BDL(<0.01)	---
Microbiological Parameters					
33.	Faecal Coliform	MPN/100 ml	IS-1622	Absent	---

****End of Report****

Notes:

1. The results given above are related to the tested sample, as received and for the mentioned parameters. The customer asked for the above tests only.
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TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : W-300925-07
ULR No. : TC1596425000008528F
Test Report of : Water
Discipline : Chemical
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

Sampling & Analysis Data

Sample Description : Water
Sampling Location : Barrage Site (Downstream)
Sample Quantity : 2.0 Ltr.+500 ml
Sample Drawn By : NTL Representative
Sample Drawn On : 30/09/2025
Sample Received On : 01/10/2025
Analysis Duration : 01/10/2025 to 06/10/2025
Sample Marking & Packing : Plastic+ Glass Bottle

RESULTS

S. No.	Parameter	Units	Test Method	Results	Standards as Per IS:2296 Class-C Limits
1.	pH	-	IS:3025(Part-11)	7.53	8.5
2.	Temperature	°C	IS:3025(Part-9)	18.0	---
3.	Colour	Hazen	IS-3025(P-04)	<5.0	---
4.	Odour	-	IS-3025(P-05)	Agreeable	---
5.	Nitrate (NO ₃)	mg/l	IS:3025(Part-34)	0.29	50
6.	Ammonical Nitrogen	mg/l	IS:3025:(Part-34)	2.61	---
7.	Total Kjeldhal Nitrogen	mg/l	IS:3025:(Part-34)	4.74	---
8.	Free Ammonia	mg/l	IS:3025:(Part-34)	0.75	---
9.	Fluoride (as F)	mg/l	APHA 4500F	0.10	1.5
10.	Mineral Oil (Oil & Grease)	mg/l	IS:3025:(Part-39)	BDL(<1.0)	---
11.	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS: 3025 (Part - 43)	BDL(<0.5)	---
12.	COD (as O ₂)	mg/l	APHA-5220 B	12.0	---

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13.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.072	50
14.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	102.0	1500
15.	Total Suspended Solid	mg/l	IS:3025(Part-17)	BDL(<5.0)	---
16.	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	2.2	3.0
17.	Residual Chlorine	mg/l	IS: 3025 (P-26)	BDL(DL-1.0)	---
18.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)	0.2
19.	Selenium (as Se)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
20.	Vanadium (as V)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
21.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<0.01)	0.1
22.	Copper (as Cu)	mg/l	IS:3025(Part-42)	BDL(<0.010)	1.5
23.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	0.10	15
24.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.010)	---
25.	Mercury ()	mg/l	IS: 3025 (Part - 65)	BDL(<0.01)	---
26.	Nickel (as Ni)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
27.	Cadmium (as Cd)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
28.	Cyanide	mg/l	IS: 3025 (Part - 27)	BDL(<0.1)	---
29.	Sulfide (as S)	mg/l	IS: 3025 (Part - 29)	BDL(0.1)	---
30.	Hexavalent Chromium (as Cr ⁺⁶)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
31.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
32.	Dissolve Phosphate (as P)	mg/l	IS:3025(Part-31)	BDL(<0.01)	---
Microbiological Parameters					
33.	Faecal Coliform	MPN/100 ml	IS-1622	Absent	---

****End of Report****

Notes:

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TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : W-300925-08
ULR No. : TC1596425000008529F
Test Report of : Water
Discipline : Chemical
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

Sampling & Analysis Data

Sample Description : Water
Sampling Location : TRT Chanel
Sample Quantity : 2.0 Ltr.+500 ml
Sample Drawn By : NTL Representative
Sample Drawn On : 30/09/2025
Sample Received On : 01/10/2025
Analysis Duration : 01/10/2025 to 06/10/2025
Sample Marking & Packing : Plastic+ Glass Bottle

RESULTS

S. No.	Parameter	Units	Test Method	Results	Standards as Per IS:2296 Class-C Limits
1.	pH	-	IS:3025(Part-11)	6.59	8.5
2.	Temperature	°C	IS:3025(Part-9)	18.0	---
3.	Colour	Hazen	IS-3025(P-04)	<5.0	---
4.	Odour	-	IS-3025(P-05)	Agreeable	---
5.	Nitrate (NO ₃)	mg/l	IS:3025(Part-34)	0.12	50
6.	Ammonical Nitrogen	mg/l	IS:3025:(Part-34)	1.31	---
7.	Total Kjeldhal Nitrogen	mg/l	IS:3025:(Part-34)	2.74	---
8.	Free Ammonia	mg/l	IS:3025:(Part-34)	0.29	---
9.	Fluoride (as F)	mg/l	APHA 4500F	0.08	1.5
10.	Mineral Oil (Oil & Grease)	mg/l	IS:3025:(Part-39)	BDL(<1.0)	---
11.	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS: 3025 (Part - 43)	BDL(<0.5)	---
12.	COD (as O ₂)	mg/l	APHA-5220 B	16.0	---

Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

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TEST CERTIFICATE

13.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.040	50
14.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	89.0	1500
15.	Total Suspended Solid	mg/l	IS:3025(Part-17)	BDL(<5.0)	---
16.	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	BDL (<2.0)	3.0
17.	Residual Chlorine	mg/l	IS: 3025 (P-26)	BDL(DL-1.0)	---
18.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)	0.2
19.	Selenium (as Se)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
20.	Vanadium (as V)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
21.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<0.01)	0.1
22.	Copper (as Cu)	mg/l	IS:3025(Part-42)	BDL(<0.010)	1.5
23.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	BDL(<0.10)	15
24.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.010)	---
25.	Mercury (I)	mg/l	IS: 3025 (Part - 65)	BDL(<0.01)	---
26.	Nickel (as Ni)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
27.	Cadmium (as Cd)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
28.	Cyanide	mg/l	IS: 3025 (Part - 27)	BDL(<0.1)	---
29.	Sulfide (as S)	mg/l	IS: 3025 (Part - 29)	BDL(0.1)	---
30.	Hexavalent Chromium (as Cr ⁺⁶)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
31.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
32.	Dissolve Phosphate (as P)	mg/l	IS:3025(Part-31)	BDL(<0.01)	---
Microbiological Parameters					
33.	Faecal Coliform	MPN/100 ml	IS-1622	Absent	---

****End of Report****

Notes:

1. The results given above are related to the tested sample, as received and for the mentioned parameters. The customer asked for the above tests only.
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3. This test report will not be generated again, either wholly or partly, without prior written permission of the laboratory.
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(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)

MoEF, CC (Ministry of Environment, Forest & Climate Change) and UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured
Future

TEST CERTIFICATE

Issued To: M/s SJVN Ltd.
Naitwar Mori Hydro Electric Project

Address: P.O-Mori, District- Uttarkashi
(Uttarakhand)- 249128

Report Code : W-300925-05
ULR No. : TC1596425000008530F
Test Report of : Water
Discipline : Chemical
Service Request No : NTL/SRF/09/25-02
Service Request Date : 29/09/2025
Report Issue Date : 06/10/2025

Sampling & Analysis Data

Sample Description : Water
Sampling Location : Near STP Plant
Sample Quantity : 2.0 Ltr.+500 ml
Sample Drawn By : NTL Representative
Sample Drawn On : 30/09/2025
Sample Received On : 01/10/2025
Analysis Duration : 01/10/2025 to 06/10/2025
Sample Marking & Packing : Plastic+ Glass Bottle

RESULTS

S. No.	Parameter	Units	Test Method	Results	Standards as Per IS:2296 Class-C Limits
1.	pH	-	IS:3025(Part-11)	7.23	8.5
2.	Temperature	°C	IS:3025(Part-9)	18.0	---
3.	Colour	Hazen	IS-3025(P-04)	<5.0	---
4.	Odour	-	IS-3025(P-05)	Agreeable	---
5.	Nitrate (NO ₃)	mg/l	IS:3025(Part-34)	0.08	50
6.	Ammonical Nitrogen	mg/l	IS:3025:(Part-34)	1.66	---
7.	Total Kjeldhal Nitrogen	mg/l	IS:3025:(Part-34)	2.12	---
8.	Free Ammonia	mg/l	IS:3025:(Part-34)	0.46	---
9.	Fluoride (as F)	mg/l	APHA 4500F	0.07	1.5
10.	Mineral Oil (Oil & Grease)	mg/l	IS:3025:(Part-39)	BDL(<1.0)	---
11.	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS: 3025 (Part - 43)	BDL(<0.5)	---
12.	COD (as O ₂)	mg/l	APHA-5220 B	18.0	---

Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

Branch Office :

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13.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.065	50
14.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	86.0	1500
15.	Total Suspended Solid	mg/l	IS:3025(Part-17)	BDL(<5.0)	---
16.	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	BDL(<4.0)	3.0
17.	Residual Chlorine	mg/l	IS: 3025 (P-26)	BDL(DL-1.0)	---
18.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)	0.2
19.	Selenium (as Se)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
20.	Vanadium (as V)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
21.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<0.01)	0.1
22.	Copper (as Cu)	mg/l	IS:3025(Part-42)	BDL(<0.010)	1.5
23.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	BDL(<0.10)	15
24.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.010)	---
25.	Mercury ()	mg/l	IS: 3025 (Part - 65)	BDL(<0.01)	---
26.	Nickel (as Ni)	mg/l	IS: 3025 (Part - 65)	BDL(0.1)	---
27.	Cadmium (as Cd)	mg/l	IS: 3025 (Part - 65)	BDL(0.01)	---
28.	Cyanide	mg/l	IS: 3025 (Part - 27)	BDL(<0.1)	---
29.	Sulfide (as S)	mg/l	IS: 3025 (Part - 29)	BDL(0.1)	---
30.	Hexavalent Chromium (as Cr ⁶⁺)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
31.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)	---
32.	Dissolve Phosphate (as P)	mg/l	IS:3025(Part-31)	BDL(<0.01)	---
Microbiological Parameters					
33.	Faecal Coliform	MPN/100 ml	IS-1622	Absent	---

****End of Report****

Notes:

1. The results given above are related to the tested sample, as received and for the mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or partly, without prior written permission of the laboratory.
4. The test sample will be disposed of after two weeks from the date of issue of test report, unless until specified by the customer.

Midhi
CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

Branch Office :

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