



Ref. No.: 278 /JDCD-2/ EC/ 2025-26

Dated: 7 /05/2025

To,

Scientist-C, MoEF&CC,
Integrated Regional Office,
25, Subhash Road Dehradun, Uttarakhand, 248001,

Sub: - EC Compliance report for Jamrani Dam Multipurpose Project, Nainital, Uttarakhand

Ref: - Environmental Clearance, Letter.No: - J-12011/ 04/ 2007- IA- I(R), dated 13.12.2019,

Dear Sir,

This is in continuation to above referred EC.

This is to inform you that the construction of Jamrani Dam Multipurpose Project, Nainital has been started. In which infrastructural development work related to project & tunneling work at dam site have been started.

The office is coordinating with different departments to establish a Multi-Disciplinary Committee as outlined in the EC. It is expected that the same will be completed by next month.

Here by, we are attaching the half-yearly pointwise compliance report for the period from Oct 2024 to Mar 2025 as per the conditions of Environmental clearance which was obtained from MoEF & CC.

For more correspondence, you may contact to undersigned or Mr. Shah Nawaz, Assistant Engineer, JDCD by Mob: 7599999777 and email- eejdcd3@gmail.com, pma2piuj@gmail.com

Enclosed: Pointwise compliances (as above) along with annexures.

Regards

(Lalit Kumar)

Executive Engineer
JDCD-2, Haldwani

- Copy to:
1. Scientist 'E', Monitoring Cell, Ministry of Environment, Forest climate change, Agni Wing, 2nd Floor, Indira Paryawaran Bhawan, Jorbagh Road, Aliganj, New Delhi-110003.
 2. Superintending Engineer, Project Circle Jamrani, Haldwani.
 3. Mr. Shah Nawaz, Assistant Engineer, JDCD-2, Damuwadhunga, Haldwani, Uttarakhand.

(Lalit Kumar)
Executive Engineer
JDCD-2, Haldwani

**Main Condition as per Clause no 7 of Jamrani Dam Multipurpose Project Environment Clearance
(No- J-12011/042007-IA-I(R) GOI MoEF & CC dated 13th DEC 2019)**

(User agency- PIU Jamrani),

S.NO.	Condition	Compliance - April 2025
1	The Environment Management Plan (EMP), excluding Resettlement & Rehabilitation Plan Cost, shall be strictly adhered to and a sum of Rs. 10669.23 lakhs (Capital cost: 10067.15 lakhs & annual recurring cost: Rs 95.81 lakhs) as the budgetary provisions for implementation of EMP, shall be fully utilized and not to be diverted to any other purpose. In case of revision of the project cost or due to price level change, the cost of EMP shall also be revised.	- Physical construction of the project has been started at site by PIU Jamrani UPDCC (User Agency). - As suggested in the approved EMP, Irrigation Department has transferred 8895.61 Lakhs to Forest department for CAT Plan, NPV of forest area, Soil Moisture Conservation and Compensatory afforestation scheme. Forest department Uttarakhand is carrying out related activities. - Other components shall be carried out in due course of time. Cost of EMP shall be revised if required.
2	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May, 2018 regarding Corporate Environment Responsibility. Project proponent shall require to invest Rs 1292.68 lakhs for CER activities submitted to the Ministry for Education, Healthcare, Infrastructure development sanitations and drinking water Skill Development and Training. Environment Enhancement. The entire activities under CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the Regional Office as apart of half- yearly compliance report and to the District Collector.	- As the project has been started, PIU Jamrani (User Agency) is preparing the plan of different activities which will be carried out under Corporate Environment Responsibility. - The monitoring report shall be submitted by PIU Jamrani.
3	The environmental clearance is valid for a period of 10 years from the date of issue of this letter for commissioning of the project.	- Environmental clearance was accorded in Dec 2019 and the same is expiring by 2029. PIU Jamrani is planning to execute all construction related activities by the end of 2029. i. Start of Project: June – 2024 (Physical construction started in Oct. 2024). ii. Period of Project: 5 Years. iii. Completion of Project: 2029.
4	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.
5	Any other clearances/ permissions/ approvals from any other organization/ department, as applicable to the project shall be taken.	- All the requisite clearances have already been obtained. - Standing Committee of National Board for Wildlife vide letter No. F. No. WL- 6/ 125/ 2023 WL dated 01.03.2024 has been issued approval for the same, attached herewith (Annx. -II).
6	PP shall procure construction material only from those Govt./Pvt. Agencies / Corporations etc. that are having all valid legal/ statutory clearances/ permissions or	This condition is being complied.

	necessary permission to be obtained for quarrying construction materials for the project as per the EIA Notification, 2006 and as amended thereof.	
7	Solid waste generated, especially plastic waste, etc. should not be disposed of as land fill material. It should be treated with scientific approach and recycled. use of single-use plastics may be discouraged.	• The scientific approaches will be used to treat solid waste. The efforts to be made in order to avoid use of single- use plastics.
8	Wildlife Conservation plan for all Schedule I species shall be implemented with the approval of the competent authority.	• Wildlife Conservation Plan has already been approved by the Chief Wild Life Warden. The same shall be implemented in consultation with the State Forest Dept.
9	Land acquired for the project shall be suitably compensated in accordance with the law of the land with the prevailing guidelines. Private land shall be acquired as per provisions of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.	• PIU is in process of acquiring 351.55 ha of forest land and 49.471ha of private land. • Stage-I & Stage- II forest clearances obtained for the same and in regards the amount of NPV, CA Land, CAT Plan related has been deposited to forest department. • Private land acquisition is also in process under RFCTLARR Act 2013, • Major part of the compensation has already been paid to project affected families. • R&R Policy for rehabilitation of the affected families has been approved by H'ble State Cabinet and R&R activities are currently underway. (Annx. -1)
10	Project is falling in the dudwa-lagga tiger corridor therefore "No objection Certificate shall be obtained from National Tiger Conservation Authority NTCA).	• Standing Committee of National Board for Wildlife vide letter No. F. No. WL- 6/ 125/ 2023 WL dated 01.03.2024 has been issued approval for the same, attached herewith (Annx. -II).
11	Project is located at 6.28 Km from the Nandhaur wildlife sanctuary and final ESZ notification is not notified therefore clearance from Standing Committee of the National Board for Wildlife (SCNBWL) shall be obtained.	• ESZ notification of Nandhaur Wildlife Sanctuary has already been issued and project is lying outside the ESZ boundary. Therefore, clearance from SCNBWL not required.

Standard EC condition for Rural Vally and Hydro-electrical Projects

I. Statutory Compliance:		
1.	The Project proponent shall obtain clearance from the National Board for Wildlife.	Approval was obtained from Standing Committee of National Board of Wildlife vide letter No. F. No. WL-6/125/2023 WL dated 01.03.2024 and same attached as (Annx. -II)
2.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan approved by the Chief Wildlife Warden There commend actions of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).	A Site-Specific Conservation plan / Wildlife Management Plan has already been approved. The PIU Jamrani co-ordinating with Forest Department, and report of the same shall be furnished soon.

3	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	CTE & CTO of batching plant were already obtained and the same to be attached as (Annx. -III)
4	NOC shall be obtained from National Commission of Seismic Design Parameters (NCSDS) of CWC	Site-Specific Seismic parameters have been approved from FE & SA directorate, CWC. (Annx. -IV)
5	Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs. 1,000 crores.	All necessary approvals from CEA have already been obtained.
II. Air quality monitoring and preservation		
1	Regular monitoring of various environmental parameters viz., Water Quality, Ambient Air Quality and Noise levels as per the CPCB guidelines at designated locations shall be carried out on monthly basis and a detailed database of the same shall be prepared and recorded. This shall be used as a baseline data for post construction EIA/Monitoring purposes.	The Baseline monitoring has been started at site in Jan 2025. The baseline monitoring reports (Jan 2025 to Mar 2025) are attached. (Annx. -V).
2	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, to comply prescribed standards.	Regular water sprinkling in dust generating areas are going on.
3	Necessary control measures such as water sprinkling arrangements etc. be taken up to arrest fugitive dust at all the construction sites	The water sprinkling has been done on regular basis to arrest fugitive dust at site.
III. Water quality monitoring and preservation		
1.	Conjunctive use of surface water to be planned in the project to check water logging as well as to increase crops productivity. The field drains shall be connected with natural drainage system	Irrigation planning has been done to utilize the conjunctive use of surface water and ground water. Natural drainage system has also taken in to account during planning to avoid water logging.
2.	Remodelling of existing natural drains (link drains) and connecting them with irrigated land through constructed field drains, collector drains, etc. are to be done on priority basis.	• To enhance the irrigation potential, remodelling of existing drains and also to build new canals has been proposed. • Remodelling of existing drains work has already been started.
3.	Before impounding of the water, Cofferdams for both at the upstream and downstream are to be decommissioned as per EIA/EMP report so that once the project is commissioned; cofferdam should not create any adverse impact on water environment including the rock mass and muck used for the Cofferdam.	As mentioned in EIA/EMP report, U/s & D/s coffer dams shall be decommissioned once the dam construction work is completed.
4.	As the reservoir will be acting as balancing reservoir and there would be fluctuation of water level during peaking period, efforts be made to reduce impact on aquatic life including impacts during spawning period both at the upstream and downstream of the project	• MoEF & CC has already approved E-flow of the project. • Efforts shall be made to reduce impact on aquatic life.
5	Water depth sensors shall be installed at suitable locations to monitor e-flow Hourly data to be collected and converted to discharge data. The Gauge and Discharge data	• Water depth sensors will be installed after the construction activities are completed.

	in the form of Excel Sheet be submitted to the Regional Office MoEF & CC and to the CWC on weekly basis.	Gauge and discharge data will be submitted to CWC and MoEF & CC on weekly basis.
6	Mixed irrigation shall be practised and necessary awareness be given to all the farmers and trained in the use of such systems proper crops selection shall be carried out for making irrigation facility more effective.	- This project will increase intensity of irrigation in command area. - Mixed irrigation is already being practised in command area. - User agency will also aware to people for the same, this practice will start in 4th Year of project duration (Project duration is 5 year)
7	On Farm Development (OFD) works like landscaping, land levelling, drainage facilities, field irrigation channels and farm roads, etc. should be taken up in phased manner prior to the start of irrigation in the entire command area. The Command Area Development Plan should be strictly implemented as proposed in the EIA/ EMP report.	- This project will increase intensity of irrigation in command area. Most of the farm development works have already been done. - The main canal which will deliver water in different zones, their remodelling has already been started.
IV. Noise monitoring and prevention		
1	All the equipment likely to generate high noise shall be appropriately enclosed or inbuilt noise enclosures be provided so as to 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 (EPA), 1986.	The Baseline monitoring has been done at site. The baseline monitoring reports (Jan 2025 to Mar 2025 are attached (Annx. -V) .
2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 DB (A) during day time and 70 DB (A) during night time.	The Baseline monitoring has been done at site. The baseline monitoring reports (Jan 2025 to Mar 2025 are attached (Annx. -V) .
V. Catchment Area Treatment plan		
1.	Catchment Area Treatment (CAT) Plan as proposed in the EIA/EMP report shall be implemented in consultation with the State Forest Department and shall be implemented in synchronization with the construction of the project.	CAT Plan costing INR 47.00 Cr has been transferred/ deposited to State Forest department. Forest department has started implementation of CAT plan as per EIA/EMP reports.
VI. Waste management		
1.	Muck disposal be carried out only in the approved and ear marked sites. The dumping sites shall be located sufficiently away from the HFL of the river. Efforts be made to reuse the muck for construction and other filling purposes and balanced be disposed of at the designated disposal sites. Once the muck disposal sites are inactive, proper treatment measures like both engineering and biological measures be carried out so that sites are stabilized quickly.	The generated muck from constructed activities is being disposed at approved site with all necessary measures.
2.	Solid waste management should be planned in details. Land filling of plastic waste shall be avoided and instead be used for various purposes as envisaged in the EIA/EMP reports Efforts be made to avoid done time use of plastics.	- Solid waste being collected at a place and all the garbage/ solid waste is being disposed as per the direction of Nagar Nigam Haldwani- Kathgodam. - No single used plastic is being used in the project.
VII. Green Belt, EMP Cost, Fisheries and Wildlife Management		
1.	Based on the recommendation of Cumulative Impact Assessment and Carrying capacity study of river basin or as per the TOR conditions or minimum 15% of the average flow of four consecutive leanest months, whichever value is higher, shall be released as environmental flow.	E-flow will be released as per MoEF & CC Norms.

2.	Detailed information on species composition particular to fish species from previous study/literature be inventoried and proper management plan shall be prepared for in-situ conservation in the streams, tributaries of river and the main river itself for which adequate budget provision be made and followed strictly.	• In consultation with fisheries department, Fisheries management plan costing INR 2.1 Cr has been prepared. • As the project is in primary construction phase, Fisheries management plan shall be implemented soon with the direction/ consultation with Fisheries Department.
3.	Wildlife Conservation Plan approved by the Chief Wildlife Warden shall be implemented in consultation with the local State Forest Department	• Wildlife Conservation Plan has already been prepared & approved by the Chief Wild Life Warden for an estimated cost of Rs 1970.5 lacs. • PIU Jamrani & State Forest Dept. are coordinating regarding implementation of the same.
4.	To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed along the periphery of the reservoir in multi-layers with local indigenous species in consultation with the local State Forest Department.	The planation activities will be done in monsoon season as mentioned in EIA/EMP report with local indigenous species in consultation with the local State Forest Department.
5.	Compensatory afforestation programme shall be implemented as per the plan approved if applicable.	Forest department is implementing compensatory afforestation programme.
6.	Fish ladder/pass as envisaged in the EIA/EMP report shall be provided for migration of fishes. Regular monitoring of this facility be carried out to ensure its effectiveness.	• In consultation with fisheries department, Fisheries management plan costing INR 2.1 Cr has been prepared. • As the project is in primary construction phase, Fisheries management plan shall be implemented soon with the direction/ consultation with Fisheries Department.

VIII. Public hearing and Human health issues

1.	Resettlement & Rehabilitation plan be implemented in consultation with the State Govt as approved by the State Govt, if any.	R&R Policy for rehabilitation of affected families has been approved by H'ble State Cabinet and currently R&R activities are underway. (Annx. -1)
2.	Budget provisions made for the community and social development plan including community welfare scheme shall be implemented in to.	As the project has been started, PIU Jamrani is preparing the plan of different activities which will be carried out under Corporate Environment Responsibility.
3.	Preventive measures viz. fuming and spraying of mosquito control shall be done in and around the labour colonies, affected villages, stagnated pools, etc. Provisions be made to not to create any stagnated pools to avoid creation of breeding grounds of the vector borne diseases.	Condition has been compiled with all necessary measures.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition has been compiled with all necessary measures.
5.	Labour-force to be engaged for construction works shall be examined thoroughly and adequately treated before issuing them work permit medical facilities shall be provided at the construction sites.	• All the workers, who are deputing for construction are being examined thoroughly. • Medical facilities like Pre- health checkup, first aid facility along with first aider at site, ambulance for emergency etc. are deputed.
6.	Early Warning Telemetric system shall be installed in the upper catchment area of the project for advance intimation of flood forecast	An agency for early warning telemetric system is being identified and it will be installed in upstream/ catchment area of project.

7.	Emergency preparedness plan be made for any eventuality of the dam failure and shall be implemented as per the Dam Break Analysis	Condition shall be complied.
IX. Corporate Environment Responsibility		
1.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F No.22-65/2017-1A III take printout) dated 01.05.2018, as applicable, regarding Corporate Environment Responsibility	Noted. Condition shall be complied.
2.	Skill mapping be undertaken for the youths of the affected project area and based on the skill mapping, necessary trainings to the youths be provided for their long-time livelihood generation.	PIU Jamrani is preparing CER Plan in which the same condition shall be complied.
3.	The company shall have a well laid down environmental policy duly approve by the Board of Directors the environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms / conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and for shareholder's/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	A draft policy of the same has been prepared which will be put up among Board of directors for their review & approval.
4.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.	The committee for the same has been formed. (Annx. VI)
5.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six-Monthly Compliance Report.	Condition shall be complied.
6.	Post EIA and SIA be prepared for the project through a third party and evaluation report be submitted to the Ministry after five years of commissioning of the project.	Condition shall be complied.
7.	Multi-Disciplinary Committee (MDC) be constituted with experts from Ecology Forestry, Wildlife Sociology, Soil Conservation, Fisheries, NGO, etc to oversee implementation of various environmental safeguards proposed in EIA/EMP report during construction of the project. The monitoring report of the Committee shall be uploaded in the website of the Company.	PIU Jamrani is co- ordinating with other department regarding formation of MDC.
8.	Formation of Water User association/Co-operative be made and involvement of the whole community be ensured for disciplined use of available water for irrigation purpose.	Condition shall be complied.

X. Miscellaneous

1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by 5 prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's web site permanently.	Department has published the environmental clearance conditions in the Newspaper on 10th Jan 2020. This also has been displayed in our official website www.jamranidam.com .
2.	The copies of the environmental clearance shall be submitted by the project proponents to the heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant office of the Government who in turn has to display the same for 30 days from the date of receipt.	Copies of the Environmental clearances was submitted to the heads of local bodies and all relevant officials.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complying the same.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complying the same.
5.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	It should be submitted by the end of September 2025.
6.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned the Project authorities, commencing the land development work and start of production operation by the project.	Condition shall be complied.
7.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Condition shall be complied.
8.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Condition shall be complied.
9.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted.
10.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the Provisions of Environment (Protection) Act, 1986.	Noted.
11.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.

12.	The Ministry reserves the right to stipulate additional conditions if found necessary. the Company in a time bound manner shall implement these conditions.	Noted. If any additional conditions are imposed, they shall be implemented in a time bound manner.
13.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.	Noted.
14.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted.
15.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act,2010.	Noted.


 7/5/25
 परियोजना प्रबन्धक
 पीआईओ जमरानी, हल्द्वानी


 Dy. General Manager,
 PIU Jamrani
 उपमहाप्रबन्धक
 पीआईओ जमरानी, हल्द्वानी

S. No.	Annexure No.	Description
1	Annx. - I	R & R approved policy
2	Annx. - II	NBWL/ NTCA NOC
3	Annx. - III	CTE & CTO of batching plant
4	Annx. - IV	Site-Specific Seismic parameters approved from FE & SA directorate, CWC.
5	Annx. - V	The baseline monitoring reports (Jan 2025 to Mar 2025).
6	Annx. - VI	Formation of Environment cell