



SJVN Limited

(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)

A Mini Ratna & Schedule 'A' PSU

Naitwar-Mori Hydro Electric Projects

Village- Bainol, Post- Mori, Distt. Uttarkashi (Uttarakhand) – 249128

e-mail: nmjshep07@gmail.com

No. SJVN/NM HEP/ENV/Sandra/2021-152-154

Dated: 06/12/2021

To,

**Additional Principal Chief Conservator of Forests,
Ministry of Environment, Forests & Climate Change,
Regional Office (Central), 25, Subhas Road,
Dehradun-248001 (Uttarakhand)**

Subject: Regarding Environment Clearance for extraction of sand, Bajari and boulders in Tons river in Sandra Range, Bainol Beet, Compartment-15 & 16, VPO- Mori, Tehsil- Mori, District- Uttarkashi (4.0 Ha.) - **Six Monthly Compliance Report** -regarding.

Reference: Environment Clearance letter No. EC-162-01(139)/2020, dated 25.09.2020

Sir,

With reference to the above-mentioned Environment Clearance letter, SJVN Limited is pleased to submit the Six-Monthly Compliance Report of the conditions stipulated in Environment Clearance for the period from 01.04.2021 to 30.09.2021. The Six-Monthly Compliance Report is enclosed as Enclosure-I.

Thanking you

Yours faithfully

Kerna
06/12/2021

(Ajay Kumar Verma)
Manager (Environment),
NM HEP, SJVN Limited,
Distt.- Uttarkashi, Uttarakhand

Encl: As above

Copy for information to:

1. Member Secretary, State Level Environment Impact Assessment Authority (SEIAA), Malik Chauk, 653, Indira Nagar Colony, Seemadwar Road, Dehradun-248006 (Uttarakhand).
2. Member Secretary, Uttarakhand Environment Protection & Pollution Control Board (UEPPCB), 46-B, IT Park, Sahstradhara Road, Dehradun, (Uttarakhand).

Registered & Corporate Office:

SJVN Limited, Shakti Sadan, Corporate Office Complex, Shanan, Shimla-171006 (H.P.)

Website: www.sjvn.nic.in CIN: L40101HP1988GOI008409

SIX MONTHLY COMPLIANCE REPORT

(For Period Ending September, 2021)

(i) Details of Head of the Project

Name of Head of Project : Er. S.K. Singh, Head of the Project
Address : SJVN Limited, Naitwar Mori Hydro Electric Project,
V.P.O.- Mori, District- Uttarkashi-249128 (Uttarakhand)
Mobile No. : +91-7895774004
E-mail ID : nmjshep07@gmail.com

(ii) The Proposed CER Rs. 3,05,000.00- Toilets for girls, boy's and physically handicapped students has already been constructed by SJVN in the nearby schools of quarry site. However, e-classes will be done for students in the nearby schools.

(iii) The point-wise compliance status of Environment Clearance granted by SEIA, Uttarakhand vide E.C. No. 162-01(139)/2020 dated 25.09.2020 are as under:

Sr. No.	Particular	Compliance Status
1-	General Conditions	
1)	The mining/ extraction of mineral and progressive mine closure should be done as per the approved mine plan. The mine plan should have validity till the mining period.	The mining plan for five years has been approved by Director, Geology & Mining Unit, Directorate of Industries Uttarakhand, Dehradun vide letter no. 1236 dated 04.01.2020 (Copy enclosed as Annexure-1).
2)	The proponent will ensure that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.	Mining area has been marked according to the approved mining plan in the presence of Forest & Mining Deptt. officials.
3)	The project area shall be strictly used for the activities permitted. The workers will be strictly instructed to not to enter in the adjoining forest and not to harm any wildlife and existing vegetation for their various needs. No work shall be carried out after sunset.	Extraction of minor minerals is being done in accordance to the approved mining plan.
4)	The overall manpower will be restricted to bare minimum. Though mostly local labour will be deployed, but for the essential manpower staying at site, fuel wood will be provide for their cooking purpose.	Is being ensured
5)	Sufficient numbers of dustbins will be provided to labourers for collection of their daily use garbage, Bio-degradable & solid garbage will be collected in separated bins & proper disposal of these garbage will be ascertained.	Dustbins has been kept for collection & disposal of garbage.
6)	At no stage mining shall be carried out after exhausting extraction of the estimated mineable quantity as stated above.	Agreed
7)	The mining operation would provide local employment and bring economic benefits to local population.	Is being ensured
8)	The proponent should provide Eco-friendly toilets for the workforce. The workers shall be directed to use the sanitation facilities provided at project site and instructed not to litter the	Is being ensured



	project site. Sufficient numbers of Bio-Toilets will be provide to workers at sage distance from river flow bed.	
9)	Wild Animals being sensitive to noise, no project activities shall be carried out at night (sunset to sunrise) time.	Extraction of material is being carried out during day time (i.e. sunrise to sunset)
10)	All workers shall be imparted basic knowledge regarding the Do's and don'ts of working within Forest Areas.	Is being ensured
11)	Photography of the proposed mining site (preferably using Drone) should be done and submitted to SEIAA along with half- yearly compliance report.	Photograph is enclosed as Annexure-2.
12)	The project proponent shall submit half yearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: https://parivesh.nic.in . The compliance report shall also be e-mailed to the Regional Office in Dehradun in moef.ddn@gov.in.	Reports are being regularly submitted to MoEF&CC Regional Office (Central), Dehradun & SEIAA, Uttarakhand, Dehradun-248006 and Uttarakhand Environment Protection and Pollution Control Board, Dehradun and also uploaded on our website www.sjvn.nic.in The last compliance report for the period ending March 2021 was submitted on 24.05.2010.
2-	Conditions for operation phase	
1)	The project proponent should advertise with basic details at least in two widely circulated local newspapers, within (7) days of the receipt of the clearance letter informing that the project has been accorded environmental clearance by the State Environment Impact Assessment Authority, Dehradun and a copy of the same be sent to the Regional Office of Ministry of Environment and Forest, Government of India located at 25 Subhash, Road Dehradun.	The environmental clearance accorded to the project has been advertised in two local newspapers i.e. <i>Dainik Jagran</i> and <i>Rastriya Sahara</i> on 30.09.2020 (Copy enclosed as Annexure-3).
2)	Extraction of minor minerals shall be restricted to middle half of the width of river bed/mining site after leaving intact one-fourth of width of the river bed/mining site along its each bank. Breaking of boulders shall not be permitted in the mining lease area.	Extraction of minor minerals is being done in accordance to the approved mining plan.
3)	The collection of minor minerals during a working season shall start from centre of the river/ mining site width and shall gradually extend to the boundary of the permissible area so as to ensure maintenance of river geometry. The maximum permissible depth for collection of minor minerals at centre of the river/mining site width and shall be fixed at 1.5 meter or up to ground water level whichever is less.	Extraction of minor minerals is being done in accordance to the approved mining plan.
4)	Extraction of minor mineral is permitted from 1 st October of every year to 15 th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season. Workers should be advised and protected against flash flood during 1 st June to 15 th June and 1 st October to 31 st October during which there may be rains in the hills.	Agreed

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5)	The project proponent has to regulate and maintain record of the quantity of minor minerals extracted during a season. The monitoring shall be ensured by Mines department/District Administration from time to time as per rules.	Is being done
6)	The mining work shall be exclusively manual. No mechanical work or drilling/ blasting should be involved at any stage. Minor minerals shall be collected manually by using hand tools, and use of explosives and heavy machineries for breaking/collection of minor minerals are strictly prohibited. The use of J.C.B for mining is strictly prohibited.	Is being ensured
7)	The collection time of river bed materials (RBM) shall be from sun-rise to sun-set.	Extraction of material is being carried out during day time (i.e. sunrise to sunset)
8)	The project proponent shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minor minerals. There shall be no over loading of vehicles as per standard norms of Central Government/ State Government/ Hon'ble Courts from time to time.	Is being ensured
9)	There shall be no labour camp in the mining lease areas for the labour engaged in collection of the minor minerals. The labour engaged in collection/ extraction work shall be provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land.	The labours are residing in the labour camps of the main Civil contractor (involved in construction of Naitwar-Mori HEP) which about 15 km away from the mining site.
10)	The project proponent shall ensure that maximum local labour be engaged and hence employment opportunity provided. The project proponent shall follow all safety measures for labour force engaged in accordance with respected Acts/ Rules.	Is being ensured
11)	The proponent shall erect eco-friendly mobile toilets for the workforce at site and shall ensure disposal of solid waste as per the existing provisions/rules/guidelines.	Is being ensured
12)	The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard thereby clearly delineating the 'No Work Zone' in the mine lease area (Non-mining area), distance from the bridges etc. it should be minimum 3m or 1/10 th of the width of the river whichever is more.	The mining plan for five years has been approved by Director, Geology & Mining Unit, Directorate of Industries Uttarakhand, Dehradun vide letter no. 1236 dated 04.01.2020 (Copy enclosed as Annexure-1).
13)	The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime to the surrounding area are not affected. The proponent should not interfere with the flow of water and amount of water.	Extraction of minor minerals is being done in accordance to the approved mining plan.
14)	The project proponent shall ensure refraining from leaving behind clothes, personal belongings of labour engaged, polythene, plastic bottles, carton etc or any other solid waste in work site at the end of working season.	Is being ensured
15)	The project proponent shall provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety	Is being provided

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	and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained.	
16)	Link Road from mining site to main Road shall be maintained by the project- proponent.	Agreed
17)	The topsoil if any shall be stacked at earmarked site only and shall be used for reclamation.	Agreed
18)	Mineral handling, loading and unloading areas including all the transfer points should have efficient dust control arrangements. These should be properly maintained & operated.	Agreed
19)	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Water sprinkling is being done. Result of Air, water & noise quality parameters done at quarry site between 19.10.2021 to 21.10.2021 are enclosed as Annexure-4
20)	The project proponent shall plant minimum 7000 trees in first 2 years, in consultation with forest department, in nearby Van Panchayat followed by their maintenance in the next 3 years.	In accordance with the estimate received from DFO, Tons Forest Division, Purola for plantation of 7000 plant sampling an amount of Rs. 8,97,000.00 has been deposited with DFO, Tons Division, Purola, Uttarkashi. Annexure-5.
21)	Project proponent will strictly comply with provisions of EMP.	Is being complied
22)	Project proponent will have to submit EMP/EIA report to Mining Department (Lessee) and Pollution Control Board before getting work order/ Consent to Establish or Operate.	EMP report has been uploaded on UEPPCB web portal along with Consent to Establish (CTE) application and e-mailed to Mining Department (Lessee) Uttarkashi on 29.10.20 20. Consent to Establish (Copy enclosed as Annexure-6) and Consent to Operate (Copy enclosed as Annexure-7) have been obtained from UEPPCB, Dehradun.
3-	Conditions for entire life of the project	
1)	Legal status of the mining lease area shall remain unchanged and the Environmental Clearance shall remain coterminous with the lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal.	Agreed
2)	In case of flash flood and river changing its meandering course, fresh proposal has to be submitted for grant of Environmental Clearance.	Agreed
3)	The project proponent shall formulate a transparent and unbiased procedure for engagement of labourers for sustainable extraction of the minor minerals from the mining lease area.	Is being ensured



4)	The project proponent shall use dust suppression equipment for sprinkling near by the mine site, so the PP was directed to leave 25% area from the river bank sides.	Agreed
5)	The project proponent has to regulate and maintain record of the quantity of minor minerals extracted during a season. The monitoring shall be ensured by Department of mines/District Administration from time to time.	Is being done
6)	The project proponent shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel-efficient vehicles for transporting extracted minor minerals. There shall be no over loading of vehicles as per standard norms of Central Government/ State Government/ Hon'ble Courts time to time.	Is being adhered
7)	If the ownership is transferred then fresh Environment clearance will be obtained under EIA notification dated 14.09.2006. However, no activity shall be undertaken till the Environment Clearance is transferred in his name and he is lawfully bound to comply with the conditions of the Environmental Clearance.	Agreed
8)	The ministry of Environment, Forest and climate Change has formulated the "Sustainable Sand Mining Management Guidelines 2016". The Proponent shall ensure the implementation of the Sustainable Sand Mining Management Guidelines 2016.	Agreed
9)	The project proponent shall set up Environment Management Cell which will also coordinate with general public, regulatory authorities and local administration to appraise environmental performance of the mining activity.	Is being done
10)	If it is found that if conditions laid down by the Authority are violated, the Authority may suspend or cancel this Environmental Clearance.	Agreed



प्रेषक,

निदेशक,
भूतत्व एवं खनिकर्म इकाई,
उद्योग निदेशालय उत्तराखण्ड,
देहरादून।

सेवा में,

उपमहाप्रबन्धक,
सतलुज जल विद्युत निगम लि०,
तहसील- मोरी, जिला उत्तरकाशी।

संख्या:-

/उ०ख०/भू०खनि०ई०/मा०प्लान/उत्त०/2019-20,

दिनांक 04 ^{जनवरी 2020} दिसम्बर, 2019

विषय:-

उपमहाप्रबन्धक, सतलुज जल विद्युत निगम लि०, मोरी, जिला उत्तरकाशी के पक्ष में जनपद उत्तरकाशी तहसील मोरी के अन्तर्गत आरक्षित वन क्षेत्रान्तर्गत सान्द्रा रेंज बैनोल कक्ष सं० 15 एवं 16 कुल रकवा 4.00 है० (1.20 लाख घनमीटर) (सीमांकित क्षेत्र 1.6200 है०) वन भूमि में नैटवार-मोरी जल विद्युज परियोजना के निर्माण कार्य के लिए उपखनिज के खनन हेतु 05 वर्ष की अवधि हेतु शासन के खनन पट्टा शासनादेश संख्या 1927/VII-I/2018/ 42ख/17, दिनांक 22 फरवरी, 2018 के क्रम में प्रस्तुत खनन योजना के अनुमोदन के सम्बन्ध में।

महोदय,

आपके द्वारा जनपद उत्तरकाशी तहसील मोरी के अन्तर्गत शासनादेश संख्या 1927/VII-I/2018 /42ख/17, दिनांक 22 फरवरी, 2018 के द्वारा आपके पक्ष में वन भूमि में 05 वर्ष की अवधि अथवा नैटवार-मोरी जल विद्युज परियोजना के निर्माण कार्य की अवधि तक, जो भी कम हो तक के लिए, आरक्षित वन क्षेत्रान्तर्गत सान्द्रा रेंज बैनोल कक्ष सं० 15 एवं 16 कुल रकवा 4.00 है० क्षेत्र में 1.20 लाख घनमीटर उपखनिज (बालू, बजरी, बोल्टर) के चुगान हेतु स्वीकृत किया गया है। जिलाधिकारी, उत्तरकाशी के पत्र संख्या 1894/32-32-15 (2008-09), दिनांक 31 दिसम्बर, 2019 के साथ संलग्न सीमाबन्धन आख्या के अनुसार सीमाबन्धन के उपरान्त स्वीकृत क्षेत्रफल से बायीं तरफ निर्मित नदी तट सुरक्षा दीवार तथा आवासीय मकानों से नियमानुसार 50 मी० दूरी छोड़कर खनन योग्य प्राप्त क्षेत्रफल 1.6200 है० के सापेक्ष 1.5 मी० की गहराई पर आंगणित उपखनिज की मात्रा 24300 घनमी० अर्थात् 53460 टन से सम्बन्धित प्रस्तुत खनन योजना जोकि श्री हरीश कैन्थोला, मु०ख०/05/खनन/RQP/2015-16 के द्वारा तैयार की गयी है, को वैज्ञानिक, तकनीकी एवं पर्यावरण सुरक्षा के दृष्टिकोण से खनन संक्रियाओं के सुनियोजित संचालन हेतु उपयुक्त पाये जाने के दृष्टिगत उत्तराखण्ड उपखनिज परिहार नियमावली-2001 (समय-समय पर यथासंशोधित) के नियम-34 एवं उत्तराखण्ड उपखनिज (बालू, बजरी, बोल्टर) चुगान नीति-2016 के विन्दु सं०-विन्दु-22(2) के अन्तर्गत प्रदत्त अधिकार का प्रयोग करते हुए, प्रस्तुत खनन योजना का अनुमोदन निम्नलिखित शर्तों के अधीन किया जाता है:-

शर्तें

1. खनन योजना का अनुमोदन खनन पट्टा विलेख के निष्पादन की तिथि से 05 वर्ष की अवधि अथवा नैटवार-मोरी जल विद्युज परियोजना के निर्माण कार्य की अवधि तक, जो भी कम हो तक के लिए किया गया है।
2. पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार के द्वारा निर्गत पर्यावरणीय अनुमति संख्या J-12011/15/2010/IAI, दिनांक 16 जून, 2016 की समस्त शर्तों का अनुपालन किया जायेगा।
3. पट्टाधारक द्वारा शासनादेश संख्या 1927/VII-I/2018/ 42ख/17, दिनांक 22 फरवरी, 2018 एवं पट्टा विलेख की समस्त शर्तों का अनुपालन करेगा।
4. प्रस्तावित खनन क्षेत्र में खनन कार्य अनुमोदित खनन योजना के अनुसार किया जायेगा तथा खनन योजना के अनुसार खनन कार्य मैनुवल माइनिंग से, बिना ब्लास्टिंग के प्रथम वर्ष में आर०एल० 1131.5 मी० से 1135 मी० तक 53460 टन, द्वितीय वर्ष में आर०एल० 1131.5 मी० से 1135 मी० तक 53460 टन, तृतीय वर्ष में आर०एल०

- 1131.5 मी० से 1135 मी० तक 53460 टन, चतुर्थ वर्ष में आर०एल० 1131.5 मी० से 1135 मी० तक 53460 टन तथा पंचम वर्ष में आर०एल० 1131.5 मी० से 1135 मी० तक 53460 टन उपखनिज का खनन किया जायेगा।
5. पट्टाधारक द्वारा अनुमोदित खनन योजना का भू-सन्दर्भित खनन पट्टा प्लान्स अधारोपण उपरान्त भू-सन्दर्भित वैक्टोराइज्ड खसरा प्लान हार्ड एवं सॉफ्ट कॉपी में भूतत्व एवं खनिकर्म इकाई के जिला कार्यालय एवं मुख्यालय, देहरादून में एक महा के अन्तर्गत प्रस्तुत की जायेगी।
 6. यह खनन योजना अन्य किसी अधिनियम जो कि इस खान या क्षेत्र पर लागू होते हैं या समय-समय पर राज्य सरकार या केन्द्र सरकार या अन्य किसी सक्षम द्वारा प्रख्यापित किये जाते हैं, को छोड़ कर अनुमोदित की जाती है।
 7. यह खनन योजना वन (संरक्षण) अधिनियम-1980, वन संरक्षण नियमावली 1981 और अन्य सम्बन्धित अधिनियम और नियमावली, आदेश और दिशा निर्देश जो कि इस खनन पट्टे पर समय-समय पर दिये जाये लागू होंगे।
 8. अनुमोदित खनन योजना किसी भी प्रभावी क्षेत्रान्तर्गत माननीय न्यायालय के आदेश एवं दिशा निर्देश के लागू होने को बाधित नहीं करती है।
 9. अनुमोदित अवधि में किये गये खनन कार्य के निरीक्षण के उपरान्त यदि खनन योजना में संशोधन हेतु आदेश दिये जाते हैं तब संशोधित खनन योजना प्रस्तुत करने का पूर्ण उत्तरदायित्व आवेदक का होगा।
 10. किसी भी स्तर पर यदि यह पाया जाता है कि दस्तावेज में दी गई, उपलब्ध कराई गई सूचनाएं असत्य अथवा गलत ढंग से दर्शायी गई है तो दस्तावेज का अनुमोदन तत्काल प्रभाव से निरस्त कर दिया जायेगा।
 11. आबद्ध/नियोजित श्रमिकों को सुरक्षात्मक उपकरण प्रदान करने तथा सुरक्षित खनन कार्य करने हेतु सभी आवश्यक सावधानियाँ बरतने का दायित्व आवेदक का होगा।
 12. अनुमोदित खनन योजना की एक-एक प्रमाणित प्रति सम्बन्धित जिलाधिकारी कार्यालय एवं निदेशालय के क्षेत्रीय कार्यालय में अभिलेखार्थ यथाशीघ्र प्रस्तुत करने का दायित्व भी आवेदक का होगा।
 13. अनुमोदित खनन योजना के अनुसार, आवेदक द्वारा खनन कार्य न किये जाने के, पाये जाने पर, आवेदक के विरुद्ध पट्टे की शर्त का उल्लंघन माना जायेगा और तदनुसार कार्यवाही की जायेगी।
 14. खनन योजना इस शर्त के साथ अनुमोदित की जायेगी कि आप श्रमिकों की सुरक्षा एवं स्वास्थ्य की उचित व्यवस्था करेंगे।
- संलग्नक:- खनन योजना की अनुमोदित प्रति।

भवदीय

(डॉ० मेहरबान सिंह बिष्ट)
निदेशक

संख्या:- 1236 / उ०ख० / भू०खनि०ई० / मा०प्लान / उत्त० / 2019-20,
प्रतिलिपि:- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

4. अपर मुख्य सचिव, खनन, उत्तराखण्ड शासन, देहरादून।
5. जिलाधिकारी, उत्तरकाशी।
6. जिला खान अधिकारी, भूतत्व एवं खनिकर्म इकाई, जनपद उत्तरकाशी।

तददिनांकित

(डॉ० मेहरबान सिंह बिष्ट)
निदेशक

Annexure-2





जन सम्पर्क अनुभाग
सम्पर्क कार्यालय,
देहरादून

दिनांक: 30/9/2020

समाचार पत्रों की कटिंग्स सादर अवलोकनार्थ प्रस्तुत है।

एसजेवीएन लिमिटेड SJVN Limited
(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उद्यम)
(A Joint Venture of Govt. of India & Govt. of H.P.)
नेटाई-मोरी जल विद्युत परियोजना (80 मेगावाट)
मोरी, जिला-उत्तरकाशी (उत्तराखण्ड)-249128
सार्वजनिक सूचना

सर्वसाधारण को एतत् द्वारा सूचित किया जाता है कि एसजेवीएन लिमिटेड द्वारा उत्तराखण्ड, जनपद उत्तरकाशी के लोन्डा रेज, बैनोल कक्ष संख्या 15 एवं 18 में खनन एवं युगान हेतु राज्य स्तर पर्यावरण समाधान निदेशन प्रतिकरण, देहरादून द्वारा नेटाई-मोरी जल विद्युत परियोजना (80 मेगावाट) के निर्माण के लिए पर्यावरण स्वीकृति प्रदान कर दी गई है। पर्यावरण स्वीकृति की प्रति क्षेत्रीय कार्यालय पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, देहरादून, टीस वन प्रभाग पुणेला एवं सदस्य सचिव, उत्तराखण्ड पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण बोर्ड, देहरादून के पास उपलब्ध है तथा इसे एसजेवीएन की वेबसाइट <http://www.sjvn.nic.in> पर भी देखा जा सकता है।

(⁹⁹ दैनिक जागरण दिनांक 30/09/2020)

एसजेवीएन लिमिटेड SJVN Limited
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(राष्ट्रीय सक्तरा दिनांक 30/09/2020)

Anshu
(जन सम्पर्क अनुभाग) 30/9/2020

वितरण:

1. मुख्य महाप्रबन्धक, प्रमुख, सम्पर्क कार्यालय, देहरादून।
2. महाप्रबन्धक (वित्त एवं लेखा), सम्पर्क कार्यालय, देहरादून
3. वरि. अपर महाप्रबन्धक (मा.सं.), सम्पर्क कार्यालय देहरादून।



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

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

TEST REPORT

Lab Reference No: TL210358 **Date :** 27.11.2021
Indentor SJVN Limited, Uttarkashi.
Customer's Ref. No.: SJVN/NMHEP/LOA/Envnt./2021 Dated:18.02.2021
Work Order No.: 20-0179-O-691
Sample Collected by: PCRI Staff **Collection Date:** 20.10.2021
Sample/Job: Water Sample from Sandra

PARAMETER	UNIT	OBTAINED VALUE	Standard Limits*
Ammonical Nitrogen (as N)	mg/L	ND	-
Arsenic (as As)	mg/L	ND	0.20
BOD ₃ at 27°C	mg/L	1.1	100
Cadmium (as Cd)	mg/L	ND	-
Chromium Hexavalent (as Cr ⁺⁶)	mg/L	ND	-
Chromium Total (as Cr)	mg/L	ND	-
COD	mg/L	7	-
Copper (as Cu)	mg/L	ND	-
Colour	Hazen	25	-
Cyanide (as CN)	mg/L	ND	0.20
Fluoride (as F)	mg/L	ND	-
Free Ammonia (as NH ₃)	mg/L	ND	-
Iron (as Fe)	mg/L	0.20	-
Lead (as Pb)	mg/L	ND	-
Manganese (as Mn)	mg/L	ND	-
Mercury (as Hg)	mg/L	ND	-
Nickel (as Ni)	mg/L	ND	-
Nitrate (as NO ₃)	mg/L	ND	-
Oil & Grease	mg/L	ND	10
Odour		Agreeable	-
pH	-	7.7	5.5-9.0

Contd...2

Avinash
 27/11/21
 अविनाश कुमार / Avinash Kumar
 उप प्रबन्धक / Dy. Manager
 Pollution Control Research Institute
 प्रदूषण नियन्त्रण अनुसंधान संस्थान

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



प्रदूषण नियन्त्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
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TEST REPORT

-Page 2-

Lab Reference No: TL210358

Date : 27.11.2021

PARAMETER	UNIT	OBTAINED VALUE	Standard Limits*
Phenols (as C ₆ H ₅ OH)	mg/L	ND	-
Phosphate Dissolves (as PO ₄)	mg/L	4.88	-
Selenium (as Se)	mg/L	ND	-
Sulphide (as S)	mg/L	ND	-
Temperature	°C	13.1	
Total Dissolved Solids	mg/L	137	-
Total Kjeldahl Nitrogen (as N)	mg/L	ND	-
Total Residual Chlorine	mg/L	ND	-
Total Suspended Solids	mg/L	44	200
Vanadium (as V)	mg/L	ND	-
Zinc (as Zn)	mg/L	0.02	

ND – Not Detectable

*(SCHEDULE VI OF EPA, 1993) FOR DISCHARGE ON LAND FOR IRRIGATION.

Avinash
27/11/21
(Avinash Kumar)

Dy. Manager (PCRI)
अविनाश कुमार / Avinash Kumar
उप प्रबन्धक / Dy. Manager
Pollution Control Research Institute
प्रदूषण नियंत्रण अनुसंधान संस्थान
BHEL, Ranipur Haridwar

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प्रदूषण नियन्त्रण अनुसंधान संस्थान
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POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India – UNDP / UNIDO Project)
BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.: PCRI: Air & Noise: 2021-22 :743
Date: 27-11-2021

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi (Uttarakhand)
2.	Work Order No.	:	20-0179-0-691
3.	Date of sampling	:	20.10.2021 to 21.10.2021
4.	Location of Sampling	:	Sandra Range Quarry(Panwar House)
5.	Method of Sampling	:	IS:5182 (Part-II-2001, Part-23-2006, Part-VI-2006) , FID, NDIR & Gas Detection System, IS-5182 (Part-9), AAS, PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	NAAQ Standards*
1.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	53	100
2.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	26	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	BDL	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	8	80
5.	Carbon Monoxide (CO)	mg/m ³	0.25	4
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Ammonia (NH ₃)	µg/m ³	BDL	400
8.	Ozone (O ₃)	µg/m ³	43	180
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	BDL	20

BDL: Below Detectable Limit,

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

Prepared by

(Ankur Mohan)
Engineer (PCRI)

Approved by

(Shailendra Kumar)
Sr. Manager (PCRI)

Services Offered : Monitoring of Air, Water, Noise & Solid Waste as per requirement of EP Act of CPCB, Environmental Impact Assessment, Environmental Audits reports
प्रदूषण नियन्त्रण अनुसंधान संस्थान
Pollution Control Research Institute
BHEL, HEEL, HARIDWAR

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(3) Samples will be disposed off after one month from the date of issue of Test Certificate



प्रदूषण नियन्त्रण अनुसंधान संस्थान
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड) -249403
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RANIPUR, HARIDWAR (U.K.) - 249 403
(Approved Lab under Environment (Protection) Act, 1986; EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT NOISE MONITORING

Lab. Ref.: PCRI: Air & Noise: 2021-22 :745-749
Date: 27.11.2021

A. GENERAL INFORMATION:

1	Name and address of Plant	:	M/s SJVN Limited, Naitwar-Mori Hydro Electric Project, Mori, District- Uttarkashi, Uttarakhand
2	Work Order No.	:	20-0179-O-691
3	Date of sampling	:	20.10.2021
4	Instrument used	:	Sound Level Meter
5	Measurement carried out by	:	PCRI, BHEL, Ranipur, Haridwar-249403 (UK)

B. RESULTS OF NOISE MEASUREMENT:

All measurement in dB (A)

Sl. No.	Location	Measured Values	Allowable Limit (Day Time) * Leq.
1.	Barrage Site Office	71	75 dB (A)
2.	Near Stone Crusher	73	
3.	Near Sandra Range Quarry	62	
4.	Near Power House	69	
5.	Near Devta Range Quarry	64	

Leq. : Equivalent Sound Pressure Level

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

Prepared by

(Ankur Mohan)
Engineer (PCRI)

Approved by

(Shailendra Kumar)
Sr. Manager (PCRI)

शैलेंद्र कुमार / SHAIENDRA KUMAR
Sr. Manager
प्रदूषण नियन्त्रण अनुसंधान संस्थान
Pollution Control Research Institute
BHEL, HEER, HARIDWAR

Services Offered : Monitoring of Air, Water, Noise & Solid Waste as per requirement of EP Act of CPCB & SPCB and providing Test reports, Environmental Impact Assessment, Environmental Audits reports

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एसजेवीएन लिमिटेड

(भारत सरकार एवं हिमाचल सरकार का संयुक्त उपक्रम)
मिनी रन एवं अनुसूची 'ए' पी.एस.यू.

SJVN Limited

(A Joint Venture of Govt. of India and Govt. of H.P.)

CIN : L40101HP1988GOI008409

Head of Project (परियोजना प्रमुख)

Naitwar-Mori Hydro Electric Project

(नैटवाड़-मोरी जल विद्युत परियोजना)

Mori, Distt.-Uttarkashi (Uttarakhand)-249128

☎ 01373-234370 Fax:-01373-234303

Email: nmjshep07@gmail.com

Website : www.sjvn.nic.in

पत्रांक- एसजेवीएन/एनएमएचईपी/परि० प्रमुख/21-137-138

दिनांक-18.05.2021

सेवा में,

प्रभागीय वनाधिकारी,
टौंस वन प्रभाग,
पुरोला (उत्तरकाशी)।

विशय- जनपद उत्तरकाशी के अन्तर्गत नैटवाड़ मोरी जल विद्युत परियोजना 60 मेगावॉट के निर्माण हेतु खनन चुगान क्षेत्र सान्द्रा रेंज बैनोल कक्ष सं० 15 व 16 (4.0 है०) की पर्यावरण स्वीकृत भारत के क्रम में वृक्षारोपण के सम्बन्ध में।

महोदय,

जैसा आपको विदित है कि नैटवाड़ मोरी जल विद्युत परियोजना के निर्माण हेतु निर्माण सामग्री के लिए खनन/चुगान कार्य टौंस वन प्रभाग के अन्तर्गत सान्द्रा रेंज बैनोल कक्ष सं० 15 व 16 (4.0 है०) से किया जा रहा है।

उल्लिखित खनन/चुगान परिक्षेत्र को राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, देहरादून द्वारा पर्यावरणीय स्वीकृत प्रदान की जा चुकी है। पर्यावरण स्वीकृत में वर्णित शर्त सं० (2)20 (प्रति संलग्न) के अनुसार खनन क्षेत्र के वफर जोन एवं आस-पास अवस्थित वन पंचायत/ग्राम सभा की रिक्त भूमि पर 7000 पौधों का रोपण किया जाना है। इस शर्त की अनुपालना के क्रम में महोदय से निम्नवत् अनुरोध है:

1. वर्ष 2021 के पौधरोपण समय के दौरान नैटवाड़ मोरी जल विद्युत परियोजना के लिए 7000 पौध की उपलब्धता सुनिश्चित करने की कृपा करें।
2. चूंकि खनन क्षेत्र के आसपास वफर जोन की रिक्त भूमि वन भूमि के अन्तर्गत है, अतः वन विभाग वृक्षारोपण हेतु आवश्यक कार्यवाही करने की कृपा करें।
3. चूंकि वन पंचायत/ग्राम सभा में वानकी कार्यों का प्रबन्धन वन विभाग द्वारा किया जाता है, अतः महोदय से अनुरोध है कि इस दिशा में आवश्यक कार्यवाही करने की कृपा करें।

उपरोक्त कार्य हेतु वित्तीय खर्च का भुगतान एसजेवीएन लिमिटेड द्वारा आपके अनुमोदन उपरान्त किया जायेगा।

सादर प्रेषित।

भवदीय

(ई० एस० के० सिंह)

महाप्रबन्धक (परियोजना प्रमुख)

प्रतिलिपि- अपर -महाप्रबन्धक (भू-विज्ञान)/पर्यावरण, नैटवाड़ मोरी जल विद्युत परियोजना मोरी।

एसजेवीएन लिमिटेड

(भारत सरकार एवं हिमाचल सरकार का संयुक्त उपक्रम)

SJVN LIMITED

(A Joint Venture of Govt. of India & Govt. of H.P.)

Website: www.sjvn.com

CIN: L40101HP1988G;O1008409

e-mail- nmjshep07@a gmail.com

पत्रांक- एसजेवीएन/एनएमएचईपी/पर्यावरण/21-89

दिनांक 06/07/2021

सेवा में,

प्रयागीय तनाधिकारी,
टौरा वन प्रयाग,
पुरोला (उत्तरकाशी)।

विषय- जनपद उत्तरकाशी के अन्तर्गत नैटवाड़ मोरी जल विद्युत परियोजना 60 मेगावॉट के निर्माण हेतु खनन चुगान क्षेत्र सान्द्रा रेंज बैनोल कक्ष सं0 15 व 16 की पर्यावरण स्वीकृत शर्त के क्रम में वृक्षारोपण हेतु धनराशि निर्गत करने के सम्बन्ध में।

महोदय,


उपरोक्त विषय के सन्दर्भ में पर्यावरण स्वीकृत में वर्णित शर्त सं0 (2)20 के अनुसार खनन क्षेत्र सान्द्रा रेंज बैनोल कक्ष सं0 15 व 16 के वफर जोन एवं आस पास अवस्थित वन पंचायत/ग्राम सभा की जिला भूमि में 7000 पौधों का रोपण किया जाना है। इस शर्त की अनुपालना के क्रम में टौरा वन प्रयाग पुरोला द्वारा 7000 पौधों का रोपण किये जाने हेतु प्राक्कलन के अनुसार 8,97,800/- रुपये का व्यय प्रस्तावित किया गया है।

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धन्यवाद।

संलग्नक- उपरोक्तानुसार

भवदीय


06/07/2021
(अनाज कुमार जैस)
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पत्रांक-यू.के.पी.सी.बी./एचओ/एनओसी-7410/2020/1126 दिनांक 21.11.2020

सेवा में,

SJVN Limited,
Sandra Range, Bhasla Compartment No. 14 & 15,
Tehsil Mori, Distt. Uttarkashi.

Registered/AD

Caf ID-10069
CTE- Fresh

विषय :-पर्यावरणीय प्रदूषण की दृष्टि से उपखनिज के चुगान कार्य हेतु स्थापनार्थ सहमति पत्र (Consent to Establish) निर्गमन।

महोदय,

कृपया उपरोक्त विषयक आपके आवेदन पत्र दिनांक-13.10.2020 (Application No.-738142) एवं तत्सम्बन्धी क्षेत्रीय कार्यालय की निरीक्षण आख्या एवं संस्तुति का बोर्ड मुख्यालय में परीक्षण किया गया एवं परीक्षणोपरान्त लिए गए निर्णय के क्रम में विषयगत स्थल पर चुगान/खनन को पर्यावरणीय प्रदूषण के दृष्टिकोण से निम्नलिखित विशिष्ट शर्तों एवं सामान्य शर्तों के समुचित अनुपालन की शर्त के साथ सशर्त स्थापनार्थ हेतु सहमति पत्र (Consent to Establish) निर्गत किया जाता है।

1. यह स्थापनार्थ सहमति पत्र निम्नलिखित विशिष्ट विवरणों के लिए ही निर्गत किया जा रहा है :-

(क) स्थल/खनन क्षेत्र :	Sandra Range, Bhasla Compartment No. 14 & 15, Tehsil Mori, Distt. Uttarkashi.
(ख) खनन/चुगान :	Collection of Sand, Bajri & Boulders -237.6 MT/Day.
(ग) मुख्य कच्चे माल :	RBM -237.6 MT/Day.
(घ) औद्योगिक उत्प्रवाह :	Nil.
(ङ.) प्रयुक्त ईंधन :	Nil.

उपर्युक्त विषय वस्तु में किसी भी प्रकार से परिवर्तन करने पर पुनः स्थापना हेतु सहमति पत्र प्राप्त करना आवश्यक होगा।

- चुगान/खनन क्षेत्र में सभी आवश्यक यन्त्र, संयंत्र, हरित पट्टिका, उत्प्रवाह शुद्धिकरण संयंत्र तथा वायु प्रदूषण नियन्त्रण की व्यवस्था की स्थापना में की गई प्रगति रिपोर्ट इस कार्यालय में प्रत्येक माह की दसवीं तारीख तक निरन्तर प्रेषित करें।
- चुगान/खनन क्षेत्र में परीक्षण संचालन तब तक प्रारम्भ नहीं करें, जब तक कि वह बोर्ड से जल अधिनियम एवं वायु अधिनियम के अन्तर्गत सहमति (CTO) प्राप्त न कर ले। जल सहमति एवं वायु सहमति (CTO) प्राप्त करने हेतु इकाई में संचालन प्रारम्भ करने की तिथि से कम से कम 2 माह पूर्व निर्धारित सहमति आवेदन पत्रों को उत्पादन पूर्व प्रथम आवेदन का उल्लेख करते हुए इस कार्यालय में अवश्य जमा कर दिया जाये। यदि उद्योग उपरोक्त का अनुपालन नहीं करता है तो उक्त अधिनियमों के वैधानिक प्राविधानों के अन्तर्गत उद्योग के विरुद्ध बिना किसी पूर्व सूचना के विधिक कार्यवाही की जा सकती है।
- चुगान/खनन क्षेत्र में परीक्षण संचालन से पूर्व क्षेत्रीय कार्यालय द्वारा इकाई का निरीक्षण सुनिश्चित कराया जाये।
- जनित घरेलू उत्प्रवाह को सेप्टिक टैंक के माध्यम से सोकपिट में निस्तारित किया जाये।
- यह स्थापना हेतु सहमति पत्र केवल घरेलू उत्प्रवाह के लिये मान्य है।
- इकाई प्रतिवर्ष माह सितम्बर तक पर्यावरणीय वक्तव्य प्रस्तुत करना सुनिश्चित करें।
- यह स्थापना हेतु सहमति पत्र जारी होने की तिथि से 05 वर्ष तक की अवधि के लिए वैध होगा।
- चुगान/खनन क्षेत्र का संचालन इस प्रकार से किया जाये, कि परिवेशीय वायु गुणवत्ता सदैव बोर्ड मानकों के अनुरूप रहे।

10. चुगान/खनन क्षेत्र से जनित ठोस अपशिष्ट पदार्थों को इस प्रकार निस्तारित किया जाये, कि जल, वायु तथा मृदा प्रदूषण की सम्भावना न रहे।
11. चुगान/खनन कार्य का संचालन इस प्रकार किया जाये, कि प्रदूषण सम्बन्धी शिकायतें प्राप्त न हों। प्रदूषण सम्बन्धी जन-शिकायतें प्राप्त होने एवं पुष्टि होने पर स्थापना हेतु सहमति पत्र रिवोक कर दी जायेगी। जिसका सम्पूर्ण उत्तरदायित्व उद्यमी का होगा।
12. चुगान/खनन क्षेत्र परिसर में चारों तरफ कम से कम 3 कतारों वाली हरित पट्टिका विकसित की जाये। हरित पट्टिका हेतु सघन तथा छायादार वृक्षों का चयन किया जाये। हरित पट्टिका हेतु निर्धारित भूमि पर निर्माण कार्य न किया जाये।
13. चुगान/खनन क्षेत्र में परिसंकटमय अपशिष्ट (प्रबन्धन एवं ट्रांसबाउण्ड्री मूवमेन्ट) नियम 2016 का अनुपालन सुनिश्चित करें तथा उत्पादन से पूर्व परिसंकटमय अपशिष्ट के निस्तारण हेतु बोर्ड से प्राधिकार प्राप्त किया जाये।
14. चुगान/खनन क्षेत्र में सुरक्षा सम्बन्धी समस्त उपाय किये जायें तथा उत्पादन प्रारम्भ करने से पूर्व सक्षम विभागों से अनापत्ति प्रमाण पत्र प्राप्त किया जाये।
15. चुगान/खनन हेतु State Environment Impact Assessment Authority, (SEIAA), Uttarakhand द्वारा निर्गत पर्यावरणीय स्वीकृति सं०-162-01(139)/2020 दिनांक 25.09.2020 में वर्णित समस्त शर्तों का अनुपालन सुनिश्चित किया जाये।
16. चुगान/खनन हेतु उत्तराखण्ड सरकार द्वारा निर्गत स्वीकृति पत्र सं०-1927/VII-I/2018/42-Kha/17 दिनांक 22.02.2018 में वर्णित समस्त शर्तों का अनुपालन सुनिश्चित किया जाये।
17. चुगान/खनन क्षेत्र में बोर्ड की पूर्वानुमति के बिना डी०जी० सेट आदि की स्थापना न की जाये।
18. विषयगत खनन स्थल पर खनन/चुगान कार्य सक्षम स्तर से अनुमोदित Mining Plan के अनुसार ही किया जाये तथा खनन/चुगान कार्य मात्र सूर्योदय से सूर्यास्त तक ही किया जाये।
19. इकाई चुगान/खनन कार्य इस प्रकार किया जाये कि जल एवं वायु प्रदूषण की समस्याएँ उत्पन्न न हों। वायु प्रदूषण नियंत्रण हेतु धूल जनित बिन्दुओं पर आवश्यकतानुसार जल छिड़काव की व्यवस्थाएँ की जाये ताकि परिवेशीय वायु गुणवत्ता सदैव मानकों के अनुरूप रहे।
20. विषयगत स्थल पर खनन/चुगान कार्य मात्र Manually किया जाये।
21. खनन/चुगान कार्य इस प्रकार सुनिश्चित किया जाये कि खनन/चुगान से नदी/जल धारा का प्राकृतिक प्रवाह किसी भी दशा में बाधित न होवे तथा समीपवर्ती जल स्रोतों की गुणवत्ता किसी भी दशा में प्रभावित न होवे।
22. खनन/चुगान से प्राप्त रेत/बजरी/पत्थर के परिवहन हेतु आबद्ध वाहनों की नियमित जांच सुनिश्चित की जाये, ताकि परिवेशीय वायु गुणवत्ता सदैव मानकों के अनुरूप रहे।
23. विषयगत स्थल पर खनन/चुगान कार्य समाप्ति के दो पूर्व इकाई Mining Closure Plan की प्रतियां सभी सम्बन्धित विभागों को प्रेषित किया जाना सुनिश्चित करें, उक्त कार्य हेतु पूर्व से ही Corpus fund की व्यवस्था की जाये।
24. खनन/चुगान कार्य मात्र सक्षम स्तर से सीमांकित क्षेत्र के अन्तर्गत ही किया जाये।
25. खनन/चुगान हेतु समय-समय पर शासन/सक्षम स्तर से प्रेषित आदेशों/निर्देशों का अनुपालन सुनिश्चित किया जाये।

कृपया ध्यान दें कि उपर्युक्त लिखित विशिष्ट शर्तों एवं सामान्य शर्तों का प्रभावी एवं सन्तोषजनक अनुपालन न करने पर बोर्ड द्वारा निर्गत स्थापना हेतु सहमति (CoE) पत्र निरस्त कर दिया जायेगा। बोर्ड का अधिकार सुरक्षित है, कि स्थापना हेतु सहमति पत्र (Consent to Establish) की शर्तों में संशोधन किया जाये अथवा निरस्त कर दिया जाये।

उपर्युक्त विशिष्ट एवं सामान्य शर्तों के सम्बन्ध में खनन क्षेत्र द्वारा इस कार्यालय में दिनांक 03.12.2020 तक प्रथम अनुपालन आख्या अवश्य प्रेषित की जाये। अनुपालन आख्या नियमित प्रेषित की जाये, अन्यथा स्थापना हेतु सहमति पत्र निरस्त कर दिया जाएगा।

भवदीय


(एस०पी० सुबुद्धि)
सदस्य सचिव

पृ०-सं० एवं दिनांक/उपरोक्तानुसार

प्रतिलिपि:- क्षेत्रीय अधिकारी (प्र०), उत्तराखण्ड प्रदूषण नियंत्रण बोर्ड, देहरादून को सूचनार्थ एवं उपरोक्त के अनुपालन हेतु प्रेषित।


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Date : 09.07.2021

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Sandara Range Bhasla Compartment no. 14 & 15,
Tehsil – Mori, Distt- Uttarkashi.

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Renewal) under Section-25 of the “Water (Prevention & Control of Pollution) Act, 1974” and under Section-21 of the “Air (Prevention & Control of Pollution) Act, 1981” and Authorization under “Rule-6(2)” of the “Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016” notified under “Environment (Protection) Act, 1986” as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).

CAF ID - 10069
Application no. -977421
CCA (Renewal)
Date :- 07.04.2021

CCA is hereby granted to M/s SJVN Ltd located at Sandara Range Bhasla Compartment no. 14 & 15, Tehsil – Mori, Distt- Uttarkashi subject to the provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the orders that may be made further and subject to following terms and conditions :-

1. This CCA is granted for the period upto 31.03.2022 and valid for mining of following with Capital Investment/Net Assets Values ₹ 10.00 Lacs :-

S. No.	CTE		Present CCA (Fresh)	
	Product	Quantity (Per day)	Product	Quantity (Per day)
1	RBM Mixed	237.6 MT	RBM Mixed	237.6 MT

2. Specific Conditions under Water Act :-

- (i) The daily quantity of effluent discharge (KLD) :-

	CTE	Present CCA (Fresh)
Trade Effluent	Nil	Nil
Sewage	Nil	Nil

- (ii) Trade Effluent Treatment and Disposal :- Nil -

- (iii) Sewage Treatment and Disposal :- Nil -

3. Conditions under Air Act :-

- (i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as is required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards :-

S. No	Stack attached with	Stack height (Mt)	Type of Fuel	Fuel Quantity	Emission Control Equipment	Emission standards not to exceed



Not Applicable			
Ambient air quality			
1	Particulate Matter (PM ₁₀)	Not to exceed	100mg/M ³ (24Hr. Average)

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

- (ii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day time	Night time	Day time	Night time	Day time	Night time	Day time	Night time
	75	70	65	55	55	45	50	40

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

4. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :-

- (i) The **Factory Manager** ofNA..... is hereby granted an authorization to operate a facility for collection and storage of Hazardous wastes.
- (ii) The authorization is granted to operate a facility for generation, collection and storage of hazardous wastes within factory premises for following category of wastes :-

S.No.	Category (Schedule-I & Schedule-II)	Quantity of Waste for which authorization is being issued (MTA)	Mode of Disposal
Not Applicable			

- (iii) The authorization shall be in force for a period fromNA.....
- (iv) The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under **Environment (Protection) Act, 1986.**

Terms and conditions of authorization:-

- (i) The authorization shall comply with the provisions of the **Environment (Protection) Act, 1986**, and the rules made there under.
- (ii) The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB/PCC.
- (iii) The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB/PCC.
- (iv) Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- (v) It is the duty of the authorized person to take prior permission of the SPCB/PCC to close down the facility.
- (vi) An application for the renewal of an authorization shall be made as laid down under these rules.
- (vii) The unit shall comply with any other conditions specified in the guidelines issued by the MoEF&CC or CPCB/SPCB from time to time.
5. This CCA is valid for collection of picking sand, bajari, boulders through manual process only.
6. **Compulsory documents to be submitted by the Industry/Unit :-**

- (i) Annual return in **Form-4** and **Waste Disposal Manifest in Form-10** under **Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** and **Third Party Audit Report**.
- (ii) Environment Statement in **Form-V of Environment (Protection) Rules, 1986**.
- (iii) Quarterly **compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area**.
7. Unit has to apply for renewal of CCA well in advance of 60 days of expiry of this CCA.
8. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.
9. Unit has to comply with the other general conditions as annexed herewith. Non compliance of any provision of this CCA and provisions of the **Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** will result in legal action under the aforesaid Acts and Rules.
10. Unit shall comply all the conditions mentioned in Environment Clearance no. 162-01(139)2020 dated 25.09.2020 issued by SEIAA.
11. Unit shall comply all the conditions mentioned in Uttarakhand govt. industrial development department permission letter no. 1927/VII-I/2018/42-Kha/17 dated 22.02.2018.


Member Secretary

Copy to :- **Regional Officer (I/c), Uttarakhand Pollution Control Board, Dehradun** for information and compliance of the same.

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Environment Engineer

Annexure

Specific Conditions:

1. The Occupier shall under take mining in conformity with approved Mining Plan with the conditions and Rules prescribed in this regard, and instruction issued time to time.
2. The Occupier shall ensure that whatever deployment of labour attract the Mines Act, the provision thereof shall be strictly followed.
3. The Occupier shall ensure regular water sprinkling in critically prone to air pollution and having high levels of Particulate Matter (PM) such as loading and unloading points and all transfer points.
4. The Occupier shall undertaken adequate safeguard measures during extraction of minor minerals and ensure that due to this activity the hydro-geological refine of surrounding area shall not be affected.
5. Vehicular emission shall be kept under Control and regularly monitored. The sand, bajri & boulders shall be carried out through the covered trucks only and vehicles carrying the sand/bajri/boulders shall not be overloaded.
6. Mining of sand, bajri & boulders only shall be carried out manually. No drilling/blasting etc shall be carried out.
7. Periodical medical examination of workers engaged in mining activity shall be carried out and records maintained.
8. The Occupier shall take all precautionary measures during mining operation for conservation & protection of endangered fauna & flora etc.
9. No change shall be made in mining technology and scope of mining work without prior approval of competent authority.
10. Mining shall be carried out in stipulated time and duration as permitted by competent authority.
11. The Occupier shall comply with the directions/instructions issued by the competent authority from time to time.
12. The Occupier shall strictly adhere to the conditions of Environment Clearance issued by the competent authority & provisions of approved mining plan, scrupulously.
13. The Occupier shall strictly adhere to the provisions of the Water Act, Air Act, Environment (Protection) Act, and Rules/Notifications made thereunder.
14. The Occupier(s) shall mark the mining area as per allotted mining lease by Competent Authority and mining shall be carried out only in approval mining area.
15. **The project proponent shall submit Replenishment study within six month to this office, as mentioned in Environment Clearance issued by SEIAA on dated 25.09.2020.**
16. **The project proponent shall appoint Monitoring Committee to monitor the replenishment study, traffic management, level of production, River Bank erosion and maintenance of Road etc. as mentioned in Environmental Clearance. Compliance in this regard shall be communicated to the Board offices within a month.**

General Conditions:-

1. The applicant shall get analyse the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF&CC and shall report to the UKPCB.
2. The applicant shall however, not without the prior consent of the **Board** bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If, at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the **Board**, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof.
6. The industry shall provide uninterrupted entry to the STP's/ETP's inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control measures.
7. The industry shall provide "Inspection Book" at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point.
12. The **Board** reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.
13. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous waste without obtaining prior permission of the **Board**.
14. Any unauthorized change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorization.
15. It is the duty of the authorized person to take prior permission of the **Board** to close down the facility.
16. The authorization is valid for temporary storage of Hazardous Waste within premises only.
17. The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on **Display Board of size 6x4 feet** outside the main factory gate within premises.
18. It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.
19. The applicant shall maintain record of hazardous waste in **Form-3** and shall submit annual return in **Form-4** on or before the 30th day of June following to the financial year to which that return relates.
20. In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.
21. Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed **physical and chemical analysis of hazardous waste sample** and report to the **Board**.
22. Dried hazardous sludge from the process in the plant shall be **stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.**
23. The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.
24. The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be **sold only to Registered Recyclers/Re-processors.**
25. In case of any transportation of hazardous waste, the details in **Form-10** of the **Hazardous & Other Wastes Rules, 2016** shall be submitted to the **Board**.

Environment Engineer