



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Uttarakhand)

To,

The assistantengineer
 INFRASTRUCTURE (REHAB)DIVISION RISHIKESH, DEHRADUN
 Veer Bhadra Marg Rishikesh, Dehradun -249204

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/UK/MIN/218366/2021 dated 29 Jul 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC24B001UK138800 |
| 2. File No. | EC-01(189)/2021 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project | Song Dam Stone Quarry No. 3 (Quartzite Boulders) Mine over an area of 3.0065 ha with production capacity 10,72,924 TPA with is situated near Village – Sondhana, Tehsil – Dhannolti, District – Tehri Garhwal (Uttarakhand). |
| 7. Name of Company/Organization | INFRASTRUCTURE (REHAB)DIVISION RISHIKESH, DEHRADUN |
| 8. Location of Project | Uttarakhand |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 06/01/2024

(e-signed)
 S.P. Subudhi
 Member Secretary
 SEIAA - (Uttarakhand)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण, उत्तराखण्ड, "गौरादेवी पर्यावरण भवन, तृतीय तल, 46-बी, आई.टी. पार्क, सहस्त्रधारा रोड, देहरादून"
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली द्वारा गठित)

दूरभाष: 0135-2976159

ईमेल: seiaa.seac.uk@gmail.com



State Level Environment Impact Assessment Authority, "Gauradevi Paryavaran Bhawan, Third Floor, 46-B I.T. Park, Sahastradhara Road, Dehradun"

(Constituted by Ministry of Environment, Forests and Climate Change Government of India.)

Phone No-0135-2976159

Email- seiaa.seac.uk@gmail.com

E.C.No-145 01(189)/2021

Dated- 03 -01-2024

To,

General Manger, PIU Song Dam(UPDCC), Irrigation Department,
Ground Floor- Lakhwad Field Hostel, Yamuna Colony, Dehradun.

Sub: Environmental Clearance under EIA notification dated 14.09.2006 for Proposed Extraction of Quartzite Boulders of Song Dam Stone Quarry No. 3, Mussoorie Forest Division's Raipur Range (Ringaland Compartment No.1 & Kund Compartment No.7) at Village: Sondhana, Tehsil- Dhanolti, District: Tehri Garhwal. (Area- 3.0065 Ha.).

Sir,

Kindly take reference to your online proposal No SIA/UK/IND/218366/2021 submitted to SEIAA Uttarakhand regarding aforementioned subject. The details about the project site and proposal for EC as per the documents submitted by the project proponent is as under:-

S.No.	Parameters	Description																																				
1.	Name of the Project Proponent	General Manger, PIU Song Dam(UPDCC), Irrigation Department																																				
2.	Registered Address	Office of General Manager, PIU Song Dam, Ground Floor- Lakhwad Field Hostel, Yamuna Colony, Dehradun, Uttarakhand, PIN- 248001																																				
3.	Full correspondence address of proponent and mobile no.	Office of General Manager, Ground Floor- Lakhwad Field Hostel, Yamuna Colony, Dehradun, Uttarakhand, PIN- 24800, Mob No-7017716696																																				
4.	Name of Project	Song Dam Stone Quarry Mine-2(Quartzite Boulder)																																				
5.	Project Location (Plot.Khasra/Gata No.)	Malkot Forest Block Compartment No. 8																																				
6.	Name of Village	Sondhana																																				
7.	Tehsil	Dhanolti																																				
8.	District	Tehri(Garhwal)																																				
9.	State	Uttarakhand																																				
10.	Name of Minor Mineral	Quartzite Boulder																																				
11.	Sanctioned Lease Area (in Ha.)	3.0065 Hectare																																				
12.	Max. & Min mRL within lease area	Max- 980mRL&850.00mRL																																				
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>1</td><td>30°18'18.88"N</td><td>78°10'37.57"E</td></tr> <tr><td>2</td><td>30°18'18.02"N</td><td>78°10'39.77"E</td></tr> <tr><td>3</td><td>30°18'18.21"N</td><td>78°10'41.26"E</td></tr> <tr><td>4</td><td>30°18'18.76"N</td><td>78°10'42.89"E</td></tr> <tr><td>5</td><td>30°18'19.97"N</td><td>78°10'43.19"E</td></tr> <tr><td>6</td><td>30°18'20.52"N</td><td>78°10'43.10"E</td></tr> <tr><td>7</td><td>30°18'22.21"N</td><td>78°10'42.87"E</td></tr> <tr><td>8</td><td>30°18'24.80"N</td><td>78°10'42.76"E</td></tr> <tr><td>9</td><td>30°18'27.43"N</td><td>78°10'41.33"E</td></tr> <tr><td>10</td><td>30°18'25.15"N</td><td>78°10'39.30"E</td></tr> <tr><td>11</td><td>30°18'22.46"N</td><td>78°10'37.88"E</td></tr> </tbody> </table>	Pillar No.	Latitude	Longitude	1	30°18'18.88"N	78°10'37.57"E	2	30°18'18.02"N	78°10'39.77"E	3	30°18'18.21"N	78°10'41.26"E	4	30°18'18.76"N	78°10'42.89"E	5	30°18'19.97"N	78°10'43.19"E	6	30°18'20.52"N	78°10'43.10"E	7	30°18'22.21"N	78°10'42.87"E	8	30°18'24.80"N	78°10'42.76"E	9	30°18'27.43"N	78°10'41.33"E	10	30°18'25.15"N	78°10'39.30"E	11	30°18'22.46"N	78°10'37.88"E
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14.	Letter of Intent from State Government	32/VII-V-1/2020/5(1)/20 dated 22.01.2020																																				
15.	Mine Plan approval details	567/mining/DMG/MP/2021-22 Dated 04.06.2021																																				
16.	Validity of Mine Plan	5 years																																				
17.	Total geological reserves	5476043.00 million Ton																																				

18.	Total Proposed Production (In 5 Years)	First year	42086Ton,
		Second Year	54553 Ton
		Third year	302698 Ton
		Fourth Year	519419Ton
		Fifth Year	1072924Ton
19.	Sanctioned Period of Mine lease	5 Years	
20.	Method of Mining	Open Cast Semi Mechanized Method	
21.	No. of working days	260	
22.	Working hours/day	8 Hrs	
23.	No. of workers	94	
24.	Type of Land	Forest Land	
25.	Ultimate Depth of Mining	130	
26.	Water Requirement	6.00 KLD	
27.	Any litigation pending against the project or land in any court	NA	
28.	Ecological Sensitive Map/zone	Submitted	
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Submitted	
30.	Proposed CER cost	-	
31.	Proposed EMP cost	32.00 Lakh	
32.	No. of Trees to be Planted.	990 Plants	
33.	Detail of CTE/CTO issued by UPPCB	Will be applied after Grant of EC	
34.	Project Cost	INR 2021.57 Crores (PL 2019)	

The SEAC during its meeting held on 20th December, 2023 had undertaken appraisal of the above project. It has been found that the proposal is classified under Category B2 of EIA Notification 2006. The proponent has submitted PFR, EMP and other relevant documents as desired. After due examination of the relevant documents/certificates submitted by the project proponent and additional clarification furnished in response to its observations earlier, SEAC has recommended the grant of Environmental Clearance for the above project, subject to compliance of the EMP and other stipulated conditions. SEIAA during its meeting dated 28th December, 2023 considered the above proposal based on the recommendation of SEAC. After due examination and deliberation, the **SEIAA Uttarakhand hereby accords Environmental Clearance** for the above project under category B-2 of EIA notification 2006 (as amended from time to time) subject to the strict compliance with the General, Specific and other conditions mentioned below:-

1- Conditions to be complied before commencing mining operations:-

- 1) Environment Clearance is granted to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Uttarakhand and any other court of law, if any, as may be applicable to this project.
- 2) Project Proponent shall implement the Disaster Management Plan as the mine area is located in Seismic Zone IV. Project Proponent should submit the disaster plan within three months and form a committee to have check over any disaster to warn workers well before for the safety of workers. Emergency helpline number will be displayed at all levels.
- 3) The project proponent should advertise with basic details at least in two widely circulated local newspapers, within seven (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.
- 3) A display board shall be erected in Hindi at each of the following place.
 - At project site
 - In nearest village
 - At the entrance of the village road from the main Road (ie)SH/NH etc. The information should be given in bold and visible letters.
- 4) A copy of the Environmental Clearance letter shall be sent by the proponent to the concerned Panchyat and the local NGO, if any from whom suggestion/representation, if any, were received while processing the proposal.

2) Conditions for operation phase

- 1) The mining shall be done only during day time.
- 2) The project proponent has obtained Forest Clearance from MoEF&CC (Forest Conservation Division) vide letter no- 8-16/2020-FC dated 05.01.2021 as per Forest (Conservation) Act, 1980 for an area of 127.6712 Ha. & NOC from MoEF&CC (Wildlife Division) vide letter no- 6-93/2021 WL dated 22.10.2021. Though the project proponent has obtained above Clearances for the entire project but, the project proponent has not applied for a comprehensive E.C. Rather the P.P has applied for E.C of only the quarry areas. Therefore, the E.C is essential for other components of the project such as reservoir.

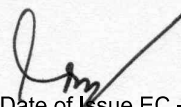
Though, the P.P has submitted an undertaking dated 17.06.2019 to the (NBWL) MoEF&CC that the P.P shall obtain E.C for entire song dam drinking water project. Thus the P.P is expected to obtain E.C for remaining components of song dam drinking water project too.

- 3) **Blasting shall not be permitted.**
- 4) The SEIAA further directed that mining/extraction of mineral shall be carried out as per the approved mine plan without blasting.
- 5) Project Proponent shall submit aquatic study report of song river along with six monthly compliance report.
- 6) Project Proponent has obtained Forest Clearance for an area of 127.6712 Ha. Whereas the approved mining plan is for 3.0065 Ha. The SEIAA further directed that mining/extraction mineral shall be carried out as per the approved mine plan.
- 7) The SEIAA also suggested 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.
- 8) **The mine working will be open cast by manual method without involving drilling & blasting. The mining is confined to extraction of Quartzite Rock only.**
- 9) **The extraction of Quartzite Rock shall be stopped during monsoon season.**
- 10) The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- 11) It shall be ensured that there is no leakage of oil and grease in the river from the vehicles use for the transportation.
- 12) The Project Proponent shall ensure that where ever deployment of labor attracts mines act, the provision thereof shall be strictly followed.
- 13) Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.
- 14) Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 15) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 16) Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any mining activity at the site.
- 17) Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- 18) The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- 19) 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
- 20) 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
- 21) The overall manpower will be restricted to bare minimum. Though mostly local labour will be deployed, but for the essential manpower staying at site gas will be provide for their cooking purpose
- 22) 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.
- 23) At no stage mining shall be carried out after exhausting extraction of the estimated mineable quantity as stated above.
- 24) The mining operation would provide local employment and bring economic benefits to local population.
- 25) 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 project site. Sufficient numbers of Bio-Toilets will be provide to workers at safe distance from river flow bed.
- 26) Wild Animals being sensitive to noise, no project activities shall be carried out at night (sunset to sunrise) time.
- 27) All workers shall be imparted basic knowledge regarding the Do's and Don'ts of working within Forest Areas.
- 28) Photography of the proposed mining site (preferably using Drone) should be done and submitted to SEIAA along with half-yearly compliance report.
- 29) The project proponent has to regulate and maintain record of the quantity of mineral extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time as per rules.
- 30) 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 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.

- 31) There shall be no labour camp in the mining lease area for the labour engaged in collection of the minerals. The labour engaged in collection/extraction work shall be provided free fuel to avoid any pressure on adjoining forest land.
- 32) 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.
- 33) 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.
- 34) Link Road from mining site to main Road shall be maintained by the project-proponent.
- 35) Transport plan from the mining site to dump site and to construction site shall be submitted within a month.
- 36) The topsoil if any shall be stacked at earmarked site only and shall be used for reclamation.
- 37) Mineral handling, loading and unloading areas including all the transfer points should have efficient dust control arrangements. These should be properly maintained & operated.
- 38) 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.
- 39) The project proponent should plant as suggested by SEIAA in first 2 years and followed by maintainance in the last 3 years. The plants should be planted in the buffer zone of the mining site and in the blank area near by van panchayats/gram sabha land.
- 40) Project proponent will strictly comply with provisions of EMP
- 41) 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.
- 42) Failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- 43) The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- 44) 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

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.
- 2) In case of flash flood and river changing its meandering course, fresh proposal has to be submitted for grant of Environmental Clearance.
- 3) The project proponent shall formulate a transparent and unbiased procedure for engagement of labourers for sustainable extraction of the minerals from the mining lease area.
- 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.
- 5) The project proponent has to regulate and maintain record of the quantity of minerals extracted during a season. The monitoring shall be ensured by Department of mines/District Administration from time to time.
- 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 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.
- 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.
- 8) The Ministry of Environment, Forest and Climate has formulated the "Sustainable Sand Mining Management Guidelines 2016". The Proponent shall ensure the implementation of the Sustainable Sand Mining Management Guidelines 2016.
- 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.
- 10) If it is found that if conditions laid down by the Authority are violated, the Authority may suspend or cancel this Environmental Clearance.
- 11) This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- 12) The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

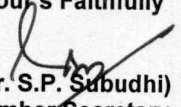


13) Any appeal against this Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section of the National Green Tribunal Act, 2010.

4) **Specific Conditions:- (To be followed by Director Industry, Geology and Mining Unit, Govt. of Uttarakhand).**

- 1) Mining Department (Lessee) will ensure compliance of the provisions of EMP/EIA, by the project proponent.
- 2) Project proponent will have to submit EMP/EIA report to Mining Department (Lessee) and Pollution
- 3) The Geology and Mining unit of Industry Department shall identify an agency for regular/periodical monitoring of quality of ground water of existing hand pumps and tube wells in the vicinity of the mining site.

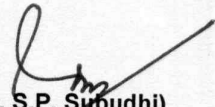
Your's Faithfully


(Dr. S.P. Subudhi)
Member Secretary,
SEIAA, Uttarakhand

No - 145 01(189)/2021 dated- as above

Copy for information and necessary action to-

1. APCCF, Regional office (Central) MoEFCC Govt of India, 25 Subhash Road, Dehradun.
2. Principal Chief Secretary, Forests & Environment, Government of Uttarakhand, Dehradun.
3. Director Industries, Geology & Mining Unit Govt of Uttarakhand Dehradun.
4. District Magistrate, Tehri Garhwal.
5. Member Secretary, UKPCB, IT Park Dehradun.
6. DFO, Tehri Garhwal.
7. Guard File for uploading in Parivesh Website.


(Dr. S.P. Subudhi)
Member Secretary,
SEIAA, Uttarakhand

Signature Not Verified

Digitally signed by: Shri S.P. Subudhi
Designation: Member Secretary
Date and Time: 1/6/2024 3:37:09 PM