

राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण, उत्तराखण्ड, 653, इन्दिरानगर कालोनी, सीमाद्वार रोड, देहरादून- 248006 (पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली द्वारा गठित)

दूरभाष: 0135-2763576

ईमेल: selaa.seac.uk@gmail.com



State Level Environment Impact Assessment Authority, 653, Indiranagar Colony, Seemadwar Road, Dehradun- 248006 (Constituted by Ministry of Environment, Forests and Climate Change Government of India.)
Phone No- 0135-2763576
Email- selaa.seac.uk@gmail.com

E.C.No- 119 -01(88)/2019

Dated- 14-02-2020

To,

Smt. Tript Kaur,
W/o Late Shri Amarjeet Singh,
R/o village – Ratanpuri, Tehsil – Bazpur,
Distt:- Udham Singh Nagar.

Mob. 9910308499

Sub: Environmental Clearance under EIA notification dated 14.09.2006 for Picking of sand, bajri and boulders in Khata No-6 Khasra No- 42/3 Village – Ratanpuri, Tehsil – Bazpur, Distt:- Udham Singh Nagar.

Sir,

This has reference to your proposal No SIA/UK/MIN/39348/2019 on dated 16th July, 2019, submitted to the SEIAA for grant of Environmental Clearance for mining of Sand, Bajri & Boulder (Minor Mineral) with proposed production capacity 14734.50 Tonnes for six months subject to replenishment and sustainable sand mining as per guidelines of MoEF&CC. The mine lease area is located at Khata No-6 Khasra No- 42/3 Village – Ratanpuri, Tehsil – Bazpur, Distt- Udham Singh Nagar in the mine lease area of 0.470 Ha. The proposal was considered by the State Expert Appraisal Committee in its meeting held on 26th December, 2019. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting are as under:-

S. No	Details	Reply
1	New or Ongoing Site	New Site
2	Coordinates	N 29°12'40.61" to N 29°12'44.14" & E 79°5'8.18" to E 79°5'13.00"
3	Letter of Intent (Valid upto)	Lease has been granted vide letter- 1497/VII-1/2019/02-ख/18 Dated 01.02.2019 for 6 months.
4	Mine Plan (Valid upto)	The mining plan is approved vide letter no. 334 /उ०ख० / मा०प्लान० / उ०सि०न० / 2018-19 Dated 31.05.2019 for 1 year.
5	No. Of Pits	One
6	Maximum explorable depth	1.5m
7	Proposed production	14734.50 Tonnes for six months
8	Green Belt area (Valid upto)	0.470ha (Outside from the lease area i.e Village Panchayat land)
9	Method of Mining	Opencast Manual Mining
10	Mining Shall be carried out from	From RL235.50 to RL236.50 Lower Level to Higher Level
11	Height and Width of Benches	1.5m each with 0.75m sub- benches, Width- >15m
12	Slopes and ultimate face slope	Slope- 45°
13	River/Nallah (Name)	Kosi River
14	Project Cost	₹ 37.35 lac
15	CER Cost	₹ 5.00 lac
16	Cluster Certificate	Submitted, there are six another mine lease falls in the aerial distance of 500 meter in the periphery of the above mine site and the total of cumulative area of all six mine lease area is <5 Ha.
17	Ecological Sensitivity Map	Submitted & No National Park/Reserve Forest/Sanctuary exist within 10 Km radius of proposed mining Area is

The SEAC after due consideration of relevant documents submitted by the project proponent and additional clarification furnished in response to its observations have recommended the grant of Environmental Clearance for the project mentioned above subject to compliance with the EMP and other stipulated conditions.

1- General Condition

- 1) The mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- 2) The Proponent should provide Eco-friendly toilets for the workforce.
- 3) The Proponent 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.
- 4) The Proponent desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 2000 plants will be planted in first and second year and maintenance of the plantations will be carried out for the next three years.
- 5) The mining operation would provide local employment and bring economic benefit to local population.
- 6) Photography of the proposed mining site (preferably using Drone) should be done and submitted to SEIAA along with half-yearly compliance report.

2- Conditions for operation phase.

- 1) 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.
- 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.
- 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 shall be fixed at 1.5 meter or up to ground water level whichever is less.
- 4) Extraction of minor mineral is permitted from 1st October of every year to 30th June of the subsequent year or onset of monsoon whichever is earlier. 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 1st June to 30th June and 1st Oct to 31st Oct during which there may be rains in the hills.
- 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.
- 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.
- 7) The collection time of river bed materials (RBM) shall be from sun-rise to sun-set.
- 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.
- 9) There shall be no labour camp in the mining lease area 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.
- 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.
- 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.

- 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 1/10th of the width of the river whichever is more.
 - 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 of the surrounding area are not affected. The proponent should not interfere with the flow of water and amount of water.
 - 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.
 - 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 and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
 - 16) 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>.
 - 17) Link Road from mining site to main Road shall be maintained by the project-proponent.
 - 18) The topsoil if any shall be stalked at earmarked site only. It shall be used for reclamation.
 - 19) Mineral handling, loading and unloading areas including all the transfer points should have efficient dust control arrangements. These should be properly maintained & operated.
 - 20) 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.
 - 21) The project proponent shall plant minimum 2000 trees in nearby Van Panchayat followed by their maintenance.
 - 22) Project proponent will strictly comply with EMP/EIA.
 - 23) 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.
- 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 minor minerals from the mining lease area.
 - 4) 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.
 - 5) 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.
 - 6) 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.
 - 7) 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 as **(Annexed)**.
 - 8) If it is found that if conditions laid down by the Authority are violated, Authority may suspend or cancel this Environmental Clearance.



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 Control Board before getting work order/Consent to Established or Operate.
- 3) The Geology and Mining unit of Industry Department shall ensure site specific river training works at the work site to ensure bank protection. Mining department should ensure that a Corpus fund for this purpose will be set up and kept at the disposal of District Magistrate.
- 4) 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.
- 5) Digital processing of the entire lease area using remote sensing technique should be done by Geology and Mining department regularly once in three years for monitoring the change of river course, if any and report should be submitted to the Ministry of Environment and Forests, Regional office at Dehradun and SEIAA, Uttarakhand.

(G.S. Pande)
Member Secretary,
SEIAA, Uttarakhand

No.- 01(88)/2019 dated- as above
Copy for information and necessary action to-

- 1) Secretary, Ministry of Environment, Forests and Climate Change, Gol, Indira Paryavaran Bhawan, Aliganj, JorBagh Road, 3rd Floor, Vayu Wing, New Delhi.
- 2) Principal Secretary, Environment and Forests, Government of Uttarakhand, Dehradun.
- 3) APCCF, Regional office (Central) MoEFCC, 25 Subhash Road, Dehradun.
- 4) Principal Chief Conservator of Forests (Wildlife)/Chief Wild Life Warden, Dehradun.
- 5) District Magistrate, Udham Singh Nagar.
- 6) Director, Industry, Geology and Mining Unit, Govt. of Uttarakhand, Bhopal pani, The unit shall comply the Specific Conditions and submit the report to SEIAA Uttarakhand
- 7) Divisional Forest Officer, Tarai West Division, Ramnagar.
- 8) Member Secretary, UEPPCB, Dehradun.
- 9) Guard File.

(G.S. Pande)
Member Secretary,
SEIAA, Uttarakhand

Sustainable Sand Mining Management Guidelines 2016 and also the following special conditions are to mitigate the environmental impact of mining activities:-

Impact Category	S. No	Environmental Conditions
Stakeholder Engagement	1	In the case of private land not owned by the lease holder an affidavit should be obtained regarding consent of the concerned land owner (s) for carrying out the mining operation.
	2	Stakeholder awareness and ability to raise concerns and getting it to be addressed.
	3	Implementation of Action Plan on the issues raised during the Public Hearing. The Proponent shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing.
	4	Having valid lease and all the permits is very much needed.
	5	To establish a Monitoring Committee including Local Panchayat to check on traffic due to transportation and submit an annual report on the same.
	6	The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 may be strictly followed.
	7	All the provisions made and restrictions imposed as covered in the Minor Mineral Rule, shall be complied with, particularly regarding Environment Management Practices and its fund management and payment of compensation to the land owners.
Sustainable Mining Practices	8	District level Survey Report should be prepared and area suitable for mining and area prohibited for mining be identified.
	9	The depth of mining in Riverbed shall not exceed one meter or water level whichever is less; provided that where the Joint Inspection Committee certifies about excessive deposit or over accumulation of mineral in certain reaches requiring channelization, it can go up to 3 meters on defined reaches of the River.
	10	No River sand mining be allowed in rainy season.
	11	To submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
	12	Ultimate working depth shall be up to 1.5 m from Riverbed level and not less than one meter from the water level of the River channel whichever is reached earlier. In hilly terrain this depth be preferably restricted to one meter.
	13	In River flood plain mining a buffer of 3 meter to be left from the River bank for mining.
	14	In mining from agricultural field a buffer of 3 meter to be left from the adjacent field.
	15	Mining shall be done in layers of 1 meter depth to avoid

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