

4State Level Expert Appraisal Committee, Uttarakhand
"GauradeviParyavaranBhawan, 3rdFloor,
46-B, I.T. Park, Sahastradhara Road, Dehradun"

Letter No: **36** /SEAC
Dated: **4,** October, 2023

The 14th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 3rd October, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

- | | |
|-------------------------------|------------------------------------|
| 1) Shri Shailendra Singh Bist | Chairman |
| 2) Dr. Ashwani Kumar Minocha | Member |
| 3) Dr. Ashutosh Gautam | Member |
| 4) Dr. Basudev Prasad Purohit | Member |
| 5) Shri Nitish Mani Tripathi | Member Secretary (Attended online) |

The meeting was presided by Shri S.S. Bist. The meeting proceeded as per the agenda with permission of the chair. It was noted that proposals, for the meeting, being considered for the appraisal includes Industrial, Construction, Mining (R.B.M/Soapstone) etc. The concerned recognized environment consultants of the proponents made the presentations.

Consideration/Reconsideration of Proposals For Environmental Clearance (E.C.)

Proposal – 1

Online proposal No.	SIA/UK/IND1/445181/2023
Name of the Project	Proposed Printed Aluminium Foil & manufacturing of Poly Bags at E-8/2, 8/3 UPSIDC Industrial Area, Selaqui, Dehradun
Name & Address of Proponent	M/s Almed Printing Solutions Private Limited by Shri Kailash Chand Melana (Director)
Whether New/Expansion/Modernization Project	New
Total Plot Area	900.00 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND1/445181/2023 on dated 21st September, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Printed Aluminium Foil & manufacturing of Poly Bags. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Vinay Kumar Singh, EIA Coordinator. The details of the project are as follows:-

S.No	Parameters	Description			
1.	Products and quantity	S.No	Products	TOTAL	
		1	Printed Aluminium Foils	200MTA	
		2	Poly Bags	400MTA	
2.	Estimated Project Cost	25.70 Lakh			
3.	Total Plot Area	900.00sqm			
4.	Proposed Green Area	50.00 sqm			
5.	Proposed Green Area	50.00 sqm			
6.	Fresh Water Consumption	1KLD			
7.	Fresh Water Source	Industrial Water Supply			
8.	Power Demand	75KW			
9.	Power back up	82.5 KVA x 1no			
10.	Wastewater Management	Use of Water	Water requirement	Waste water generation	Mode of Disposal
		Domestic	1KLD	0.8KLD	Soak pit and Septic tank
11.	Steam and heating	Not Required			

1

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	system	
12.	Fuel Consumption	HSD15ltr/hr for D.G. Set

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	337sqm
2.	Road and Paved area	100sqm
3.	Parking area	100sqm
4.	Green Area	50sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	900.00sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per annum	Source	Mode of Transport
1.	Aluminium Foils	216MT	Open	Road
2.	Polymer Granules	401MT	Open	Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	10	45	0.45	0.28
2	Flushing water	10	15	0.10	---
3	Canteen Facility	---	---	---	---
4	Housekeeping (Recycled Water)	---	---	---	---
5	Gardening (Recycled Water)	50sqm	6.25ltr/sqm	0.32	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	N.A.	N.A.
2	Cooling Tower make up	N.A.	N.A.
3	Laboratory	N.A.	N.A.
4	APC devices [Fume scrubber]	N.A.	N.A.
5	Rejects from Water Treatment	----	----
	Total	----	----

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil (Category 5.1)	0.05MTA	Authorized TSDF

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- After detailed discussion and deliberation, the committee observed that the title of the proposed project is found mismatching with online application.
- The committee suggested the project proponent to apply afresh.

Based on above observations the committee rejected the above project for grant of Environmental Clearance.

Proposal – 2

Online proposal No.	SIA/UK/IND3/445476/2023
Name of the Project	Proposed manufacturing of Pharmaceutical Products at Khasra No-91 & 2754, Central Hope Town & Shankarpur Hukumatpur, Tehsil-Vikasnagar, District- Dehradun.
Name & Address of	M/s Neerpath Healthcare Pvt. Ltd. by Shri Dheeraj Katyal (Director)

Proponent	
Whether New/Expansion/Modernization Project	New
Total Plot Area	865.42m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/445476/2023 on dated 23rd September, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed manufacturing of Pharmaceutical Products. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Vinay Kumar Singh, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description			
1.	Products and quantity	Ampoule Injections, Vial Injections & Prefilled Syringes of Diclofenac Sodium		25MTA	
		Transdermal Patches		10MTA	
		Oral Thin Film		10 MTA	
2.	Estimated Project Cost	11Crore			
3.	Total Plot Area	865.42m ²			
4.	Proposed Green Area	95.48 sqm			
5.	Proposed Green Area	95.48 sqm			
6.	Fresh Water Consumption	24KLD			
7.	Fresh Water Source	Ground Water (Borewell)			
8.	Power Demand	500KVA			
9.	Power back up	750 K.V.A. x 1no			
10.	Wastewater Management	Use of Water	Water requirement	Waste water generation	Mode of Disposal
		Process	16KLD	11 KLD	ETP 15 KLD
		Boiler	4 KLD	0.4 KLD (Blow down)	
		Domestic	4 KLD	3.5KLD	Septic tank and soak pit
11.	Steam and heating system	Boiler 500kg/hr either HSD fuel – 24ltr/hr OR LPG – 24kg/hr			
12.	Fuel Consumption	HSD50ltr/hr for DG Set			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	465.0 sqm
2.	Road and Paved area	120.0sqm
3.	Parking area	423.66sqm (GF + Stilt floor)
4.	Green Area	95.48 sqm
5.	Switchyard [OTS]	N.A.
6.	Future Expansion Area	N.A.
	Total Plot Area	865.42sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption Annually	Source	Mode of Transport
1.	Diclofenac Sodium for Ampoules	25 MTA	Open	By Road
2.	Acrylate or Silicone Adhesives for TDDS and OTF	20 MTA	Open	By Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
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1	Domestic uses (drinking, sanitation)	80nos	45	3.6 (say 4KLD)	3.5
2	Flushing water	80nos	L.S.	3.0 (Recycled ETP)	0.00
3	Canteen Facility	--	--	--	--
4	Housekeeping (Floor Washing)	865.42sqm	--	2.0 (Recycled ETP)	--
5	Gardening	95.48 sqm	--	3.0 (Recycled ETP)	--

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	4.0	0.4
2	Cooling Tower make up	--	--
3	Laboratory	--	--
4	APC devices [Fume scrubber]	--	--
5	Rejects from Water Treatment	16.0	11.0
	Total	20.0	11.4

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil [Category 5.1]	0.5 MTA	Authorized TSDF
2	ETP sludge [Category 35.3]	0.4 MTA	Authorized TSDF
3	Date Expired Product [Category 28.5]	0.3 MTA	Authorized TSDF

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- SEAC suggested to Project Proponent the capacity of DG set shall not exceed more than 500 KVA.
- Project Proponent shall install solar panels on the roof top.
- Project Proponent shall carry out water audit once in a year and shall submit the report along with six monthly compliance report.
- Project Proponent shall develop additional green belt in the Gram panchayat/forest land.
- Project Proponent shall dispose off discarded medicines/raw materials to authorized TSDF/CBWTF as per applicable rules.
- Project Proponent shall install ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- 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 construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction

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- spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x , NO_x , CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- 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.
- 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.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and 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.

Based on above observations and subject to conditions (Annexure-1), the committee recommended the above project for grant of Environmental Clearance.

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Proposal - 3

Online proposal No.	SIA/UK/INFRA2/441428/2023
Name of the Project	Affordable Housing Project under violation at Khasra No. 33 Min Village- Shikarpur, Pargana- Manglaur, Tehsil- RoorkeeDist- Haridwar.
Name & Address of Proponent	M/s Lakshmi Construction Company by Shri Sachin Tyagi (Director)
Whether New/Expansion Project	New
Total Plot Area	16,165.00 m ²
Total Build up Area	25,138.00m ²
Project Category	B(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/441428/2023 on dated 23rd August, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Affordable Housing Project under violation. The committee observed that the ToR was recommended by the SEAC in its 7th meeting dated- 12.05.2023, the ToR letter was issued by SEIAA vide letter No.- 279/SEIAA dated-30.05.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP, Additional Studies etc. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Plot Area	16165 Sq. m
2.	Proposed Built Up Area	25138 Sq. m
3.	Total no of Flats	
4.	Total EWS Unit	768
5.	Max Height of Building (Upto Terrace)	10m
6.	Max No of Floors	G+3
7.	Cost of Project	57.75 Cr.
8.	Expected Population	4140 Persons (including staff & visitors)
9.	Proposed Ground Coverage Area	6009.26 Sq. m.
10.	Proposed FAR	24262.06 Sq. m.
11.	Total Water Requirement	532KLD
12.	Fresh water requirement	367KLD
13.	Waste water Generation	414KLD
14.	STP Capacity	500 KLD
15.	No of RWH of Pits Proposed	3 Pits.
16.	Total Proposed Parking	96 ECS
17.	Proposed Green Area	1621.18 Sq.m
18.	Municipal Solid Waste Generation	1975 Kg/Day
19.	Total Power Requirement	946 KVA
20.	DG set backup	63 KVA

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	16165 Sq. m
2.	Proposed Built Up Area	25138 Sq. m
3.	Number of Building Blocks	13
4.	Total no of rooms	768
5.	Max Height of Building (Upto Terrace)	10m
6.	Max No of Floors	G+3
7.	Cost of Project	57.75 Cr.
8.	Expected Population	4140 Persons (including staff & visitors)
9.	Permissible Ground Coverage	8082.50 Sq. m
10.	Proposed Ground Coverage	6171.84 Sq. m
11.	Permissible FAR	32330 Sq. m

12.	Proposed FAR Area	24262.06 Sq. m
13.	Proposed NoN- FAR Area	875.94 Sq. m
14.	Proposed Built Up Area	25138 Sq. m
WATER		
15.	Total Water Requirement	532 KLD
16.	Fresh water requirement	367 KLD
17.	Waste water Generation	414 KLD
18.	STP Capacity	500 KLD
19.	Treated Water Available for Reuse	372 KLD
20.	Recycled Water	165 KLD
21.	Surplus Treated water	207 KLD
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	26.22 m ³ /hr.
23.	No of RWH of Pits Proposed	3 Pits.(Capacity -21.19 m ³ each)
PARKING		
24.	Total Parking Required as per building Bye Laws	
25.	Total Proposed Parking	96 E.C.S.
26.	Proposed Open Parking on Ground	779.21 Sq. m
27.	Proposed Parking in Setback Area	1443.11 Sq. m
28.	Proposed Basements Parking	
GREEN AREAS		
29.	Required Green Area	
30.	Proposed Green Area	1621.18 Sq. m
WASTE GENERATION		
31.	Municipal Solid Waste Generation	1975.00 Kg/Day
32.	Bio Degradable waste	1185.10 Kg/day
33.	Quantity of Sludge Generated from STP	
POWER		
34.	Total Power Requirement	946 KVA
35.	DG set backup	63 KVA

Land use details:		
S.No	Parameters	Description
1.	Ground Coverage	6009.26Sq. m
2.	Green Area	1621.18 Sq. m
3.	Parking Area	2222.32Sq. m
4.	Other Area	6312.24 Sq. m
5.	Total Plot Area	16165.00 Sq. m

The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by doing construction work-


- The Project proponent has submitted approval of Residential buildings from Awas Vikas Parishad of Uttarakhand vide letter no- 396/ L.N- 004/04 (PMAY Map) (2019-20) dated- 21.05.2022. In case of any further change in the proposed layout plan of Project the Project Proponent shall inform the SEIAA and shall seek modified Environmental Clearance.
- Project Proponent shall install dual-plumbing system for proper utilization of STP treated water.
- Project Proponent shall submit use of muck originated from excavation.
- Project Proponent shall install STP of latest technology.
- Project proponent shall plant trees along with tree guards on both the sides of approach road.
- The Project proponent shall submit solid waste disposal plan and agreement with the nearest disposal site & shall provide a dedicated vehicle for the transportation of solid waste from site to disposal facility.
- The Project proponent shall earmark specific area for garbage collection.
- The Project proponent shall submit certificate pertaining to empanelment of structural engineer by competent authority.
- The Project proponent shall submit permission from competent authority for supply of water after construction of the project.
- The Project proponent shall develop green belt within the premises and on the approach road to comply with the 33% green area norms.

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- The Project proponent shall submit an affidavit pertaining to the proper disposal of solid waste through municipal body/ NGO. In case the project proponent is unable to dispose of the solid waste through municipal body/ NGO then in this case the project proponent shall develop composting unit on its own expenditure and desired budgetary provision shall be made for it.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).
- 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 construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.







- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 500 KLD shall be installed for treating waste water upto tertiary level. Sewage Treatment Plant shall be complying with parameters of CPCB/UKPCB guidelines. Treated water should be used for flushing, green belt development, road washing, and other miscellaneous purposes.
- The excess treated waste water may be transported through tankers to adjoining construction sites or industrial areas as the demand arises.
- The installation of sewage treatment plant should be certified by an independent expert and a report in this regard should be submitted to the UKPCB. Necessary measures should be made to mitigate the odour problem from STP.
- Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non-bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
- Adequate parking space shall be develop for staff and guests.
- Proper restroom and toilets shall be provided for service workers, drivers & accompanying staff, if any
- All directions of Fire Department shall be complied.
- Provisions shall be made for the integration of Solar Power System.
- 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>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.
- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Tranboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- Project Proponent will operate on the principle of zero liquid discharge.
- Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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.
- Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahilamangal dal/ Yuvakmangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and 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.
- The proponent submitted details of the cost incurred on the project so far to be Rs 3,19,00,000.00 (Three Crore Nineteen Lakh only) certified by C.A.
- Since the project proponent has suo-moto reported the violation hence, the penalty applicable is 0.5% of the project cost incurred till date, thus the total amount of the penalty is calculated to be Rs1,59,500.00 (One Lakh Fifty- Nine Thousand Five Hundred Only).

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This non-refundable amount has been deposited by the project proponent vide DD No- 866480 dated- 30.09.2023 of Canara Bank in the account of Uttarakhand Pollution Control Board.

- The Project Proponent shall submit a bank guarantee to UKPCB pertaining to remediation plan/ natural/community resource augmentation plan of the amount Rs. 3,45,000.00 (Rupees Three Lakh Forty-Five Thousand only). This bank guarantee will be refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan/natural/community resource augmentation plan

Based on above observations and subject to conditions (Annexure-2), the committee recommended the above project for grant of Environmental Clearance.

Proposal - 4

Online proposal No.	SIA/UK/INFRA2/442165/2023
Name of the Project	Affordable Housing Project under violation at Khasra No. 47/1, 49/3, 50, 48/2/9, 49/4 Village-Ukrauli, Block- Sitarganj, Dist-U.S.Nagar.
Name & Address of Proponent	M/s Grip Construction Private Limited by Shri P.K. Arora (Director)
Whether New/Expansion Project	New
Total Plot Area	29290.00 m ²
Total Build up Area	39471.46 m ²
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/442165/2023 on dated 30th August, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Affordable Housing Project under violation. The committee observed that the ToR was recommended by the SEAC in its 7th meeting dated- 11.05.2023, the ToR letter was issued by SEIAA vide letter No.- 274/SEIAA dated-30.05.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP, Additional Studies etc. Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Plot Area	29290.00 Sq. m
2.	Proposed Built Up Area	39471.46 Sq. m
3.	Total no of Flats	
4.	Total EWS Unit	1168
5.	Max Height of Building (Upto Terrace)	12m
6.	Max No of Floors	G+3
7.	Cost of Project	72.28 Cr.
8.	Expected Population	6140 Persons (including staff & visitors)
9.	Proposed Ground Coverage Area	9077.86 Sq. m.
10.	Proposed FAR	36311.46 Sq. m.
11.	Total Water Requirement	605.0 KLD
12.	Fresh water requirement	413 KLD
13.	Waste water Generation	507 KLD
14.	STP Capacity	600 KLD
15.	No of RWH of Pits Proposed	2 Pits.
16.	Total Proposed Parking	146 ECS
17.	Proposed Green Area	2930.79 Sq.m
18.	Municipal Solid Waste Generation	2975.5 Kg/Day
19.	Total Power Requirement	2700.0 KVA
20.	DG set backup	63 KVA

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	29290.00 Sq. m

[Handwritten signatures and initials are present below the table, including "mumukshu", "R", "S. P. Singh", and "H. Singh"]

2.	Proposed Built Up Area	39471.46Sq. m
3.	Number of Building Tower	32
4.	Total no of rooms	1168
5.	Max Height of Building (Upto Terrace)	12 m
6.	Max No of Floors	G+3
7.	Cost of Project	72.28 Cr.
8.	Expected Population	4140 Persons (including staff & visitors)
9.	Permissible Ground Coverage	14645
10.	Proposed Ground Coverage	9077.86Sq. m
11.	Permissible FAR	58580Sq. m
12.	Proposed FAR Area	36311.46Sq. m
13.	Proposed NoN- FAR Area	875.94 Sq. m
14.	Proposed Built Up Area	39471.46 Sq. m
WATER		
15.	Total Water Requirement	605 KLD
16.	Fresh water requirement	413 KLD
17.	Waste water Generation	507 KLD
18.	STP Capacity	600 KLD
19.	Treated Water Available for Reuse	405 KLD
20.	Recycled Water	192 KLD
21.	Surplus Treated water	213 KLD
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	58.16 m ³ /hr.
23.	No of RWH of Pits Proposed	2 Pits.(Capacity ~31.4 m ³ each)
PARKING		
24.	Total Parking Required as per building Bye Laws	146 E.C.S.
25.	Total Proposed Parking	3376 Sq. m
26.	Proposed Open Parking on Ground	--
27.	Proposed Parking in Setback Area	--
28.	Proposed Basements Parking	--
GREEN AREAS		
29.	Required Green Area	
30.	Proposed Green Area	2930.79 Sq. m
WASTE GENERATION		
31.	Municipal Solid Waste Generation	2975.5 Kg/Day
32.	Bio Degradable waste	1785.3Kg/day
33.	Quantity of Sludge Generated from STP	
POWER		
34.	Total Power Requirement	2700 KVA
35.	DG set backup	63 KVA


Land use details:

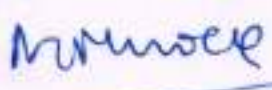

S.No	Parameters	Description
1.	Ground Coverage	9077.86 Sq. m
2.	Green Area	2930.79 Sq. m
3.	Parking Area	3376 Sq. m
4.	Other Area	13905.35 Sq. m
5.	Total Plot Area	29290.00 Sq. m

The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by doing construction work-

- The Project proponent has submitted approval of Residential buildings from Awas Vikas Parishad of Uttarakhand vide letter no- 140/ U.A.V.P L.N- 004/01 (PMAY) (2021-22) dated- 01.02.2022. In case of any further change in the proposed layout plan of Project the Project Proponent shall inform the SEIAA and shall seek modified Environmental Clearance.
- Project Proponent shall install dual-plumbing system for proper utilization of STP treated water.
- Project Proponent shall submit use of muck originated from excavation.
- Project Proponent shall install STP of latest technology.

- Project proponent shall plant trees along with tree guards on both the sides of approach road.
- The Project proponent shall submit solid waste disposal plan and agreement with the nearest disposal site & shall provide a dedicated vehicle for the transportation of solid waste from site to disposal facility.
- The Project proponent shall earmark specific area for garbage collection.
- The Project proponent shall submit certificate pertaining to empanelment of structural engineer by competent authority.
- The Project proponent shall submit permission from competent authority for supply of water after construction of the project.
- The Project proponent shall develop green belt within the premises and on the approach road to comply with the 33% green area norms.
- The Project proponent shall submit an affidavit pertaining to the proper disposal of solid waste through municipal body/ NGO. In case the project proponent is unable to dispose of the solid waste through municipal body/ NGO then in this case the project proponent shall develop composting unit on its own expenditure and desired budgetary provision shall be made for it.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).
- 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 construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone - IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.




- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 600 KLD shall be installed for treating waste water upto tertiary level. Sewage Treatment Plant shall be complying with parameters of CPCB/UKPCB guidelines. Treated water should be used for flushing, green belt development, road washing, and other miscellaneous purposes.
- The excess treated waste water may be transported through tankers to adjoining construction sites or industrial areas as the demand arises.
- The installation of sewage treatment plant should be certified by an independent expert and a report in this regard should be submitted to the UKPCB. Necessary measures should be made to mitigate the odour problem from STP.
- Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non-bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
- Adequate parking space shall be develop for staff and guests.
- Proper restroom and toilets shall be provided for service workers, drivers & accompanying staff, if any
- All directions of Fire Department shall be complied.
- Provisions shall be made for the integration of Solar Power System.
- 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>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.
- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- Project Proponent will operate on the principle of zero liquid discharge.
- Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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.
- Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahilamangal dal/ Yuvakmangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in

- consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
 - Concealing factual data or submission of false/fabricated information/data and 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.
 - The proponent submitted details of the cost incurred on the project so far to be Rs 3,15,00,000.00 (Three Crore Fifteen Lakh only) certified by C.A.
 - Since the project proponent has suo-moto reported the violation hence, the penalty applicable is 0.5% of the project cost incurred till date, thus the total amount of the penalty is calculated to be Rs 1,57,500.00 (One Lakh Fifty-Seven Thousand Five Hundred EightyThree Only). This non-refundable amount has been deposited by the project proponent vide DD No- 440895 dated- 29.09.2023 of Bank of Baroda in the account of Uttarakhand Pollution Control Board.
 - The Project Proponent shall submit a bank guarantee to UKPCB pertaining to remediation plan/ natural/community resource augmentation plan of the amount Rs. 3,75,000.00 (Rupees Three Lakh Seventy-Five Thousand only). This bank guarantee will be refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan/natural/community resource augmentation plan.

Based on above observations and subject to conditions (Annexure-2), the committee recommended the above project for grant of Environmental Clearance.

Proposal - 5

Online proposal No.	SIA/UK/INFRA2/444990/2023
Name of the Project	Expansion of existing wellness centre (under violation) located at Khasra no. 717, 718, 719, 720, 721, 722, 723, 724 (New No. 1494, 1495Ka, 1495Kha, 1496, 1497, 1498 Ka) Village-Bhitari, Pargana-Central Doon, Dist- Dehradun.
Name & Address of Proponent	M/s Punamava Yog Foundation by Shri Ashish Semwal (Trustee)
Whether New/Expansion Project	Expansion
Total Plot Area	31,990.00 m ²
Total Built up Area	9,993.40 m ²
Project Category	B(a) as enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/444990/2023 on dated 19th September, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion of existing wellness centre (under violation). The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm M/s Rian Enviro Pvt. Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator.** The details of the project are given below:-

S.No	Parameters	Description
1.	Plot Area	Existing- 17190 Sq. m Proposed - 14800 Sq. m Total - 31990 Sq. m
2.	Proposed Built Up Area	Existing - 4606.40 Sq. m Proposed - 5387.00 Sq. m Total - 9993.40 Sq. m
3.	Total no of Rooms	Existing - 40 Proposed - 87 Total - 127
4.	Total EWS Unit	
5.	Max Height of Building (Upto Terrace)	13.20m
6.	Max No of Floors	G+2
7.	Cost of Project	15.48 Cr.
8.	Expected Population	Existing - 104 Proposed - 227 Total - 331 (including the staff/visitors)
9.	Proposed Ground Coverage Area	

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10.	Proposed FAR	96.31KLD
11.	Total Water Requirement	54.66 KLD
12.	Fresh water requirement	42.00KLD
13.	Waste water Generation	50.0 KLD
14.	Proposed STP Capacity	2 Pits.
15.	No of RWH of Pits Proposed	155 ECS
16.	Total Proposed Parking	Existing - 7268.41 Sq. m Proposed - 3288.29 Sq. m Total - 10556.7 Sq.m
17.	Proposed Green Area	Existing - 72.05 Kg/Day Proposed - 110.60 Kg/Day Total - 182.65 Kg/Day
18.	Municipal Solid Waste Generation	Existing - 250 KVA Proposed - 250 KVA Total - 500 KVA
19.	Total Power Requirement	250 KVA (01 No.)
20.	DG set backup	

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	Existing- 17190 Sq. m Proposed - 14800Sq. m Total - 31990 Sq. m
2.	Proposed Built Up Area	Existing - 4606.40 Sq. m Proposed - 5387.00 Sq. m Total - 9993.40 Sq. m
3.	Number of Building Blocks	
4.	Total no of Rooms	Existing - 40 Proposed - 87 Total - 127
5.	Max Height of Building (Upto Terrace)	13.20 m
6.	Max No of Floors	G+2
7.	Cost of Project	15.48 Cr.
8.	Expected Population	Existing - 104 Proposed - 227 Total - 331 (including the staff/visitors)
9.	Permissible Ground Coverage	
10.	Proposed Ground Coverage	
11.	Permissible FAR	
12.	Proposed FAR Area	
13.	Proposed NoN FAR Area	
14.	Proposed Built Up Area	Existing - 4606.40 Sq. m Proposed - 5387.00 Sq. m Total - 9993.40 Sq. m
WATER		
15.	Total Water Requirement	96.31 KLD
16.	Fresh water requirement	54.66 KLD
17.	Waste water Generation	42.00 KLD
18.	Proposed STP Capacity	50.0 KLD
19.	Treated Water Available for Reuse	41.65 KLD
20.	Recycled Water	41.65 KLD
21.	Surplus Treated water	Nil
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	83.73 cum
23.	No of RWH of Pits Proposed	2
PARKING		
24.	Total Parking Required as per building Bye Laws	
25.	Total Proposed Parking	155 ECS
26.	Proposed Surface Parking	
27.	Proposed Stilt/Podium Parking	
28.	Proposed Basements Parking	
GREEN AREAS		

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29.	Required Green Area	
30.	Proposed Green Area	Existing – 7268.41 Sq. m Proposed – 3288.29 Sq. m Total – 10556.7 Sq. m
WASTE GENERATION		
31.	Municipal Solid Waste Generation	Existing – 72.05 Kg/Day Proposed – 110.60 Kg/Day Total – 182.65 Kg/Day
32.	Bio Degradable waste	109.59 Kg/Day
33.	Quantity of Sludge Generated from STP	
POWER		
34.	Total Power Requirement	Existing – 250 KVA Proposed – 250 KVA Total – 500 KVA
35.	DG set backup	250 KVA (01 No.)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	
2.	Green Area	Existing – 7268.41 Sq. m Proposed – 3288.29 Sq. m Total – 10556.7 Sq. m
3.	Road/Paved /Parking Area	
4.	Other Open Area	
5.	Total Plot Area	Existing- 17190 Sq. m Proposed - 14800 Sq. m Total - 31990 Sq. m

The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by doing construction work-

- The Project proponent has submitted an approved layout plan dated- 06.12.2021 from MDDA. In case of any change in the proposed layout plan of the Project Proponent shall inform the SEIAA and shall seek amended Environmental Clearance.
- Project Proponent shall install dual-plumbing system for proper utilization of STP treated water.
- Project Proponent shall comply green building norms.
- Project Proponent shall construct underground fire water storage tank having a capacity of 0.5 Lakh Ltr.
- The Project proponent shall submit an affidavit pertaining to the proper disposal of solid waste through municipal body/ NGO. In case the project proponent is unable to dispose of the solid waste through municipal body/ NGO then in this case the project proponent shall develop composting unit on its own expenditure and desired budgetary provision shall be made for it.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).
- 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 construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.

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- DG Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 1 DG set of 250 KVA and it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 50 KLD shall be installed for treating waste water upto tertiary level. Sewage Treatment Plant shall be complying with parameters of CPCB/UKPCB guidelines.

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- Treated water should be used for flushing, green belt development, road washing, DG cooling and other miscellaneous purposes.
- The excess treated waste water may be transported through tankers to adjoining construction sites or industrial areas as the demand arises.
 - The installation of sewage treatment plant should be certified by an independent expert and a report in this regard should be submitted to the UKPCB. Necessary measures should be made to mitigate the odour problem from STP.
 - Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non-bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
 - DG sets shall be used only in emergency purpose. The use of solar energy and inverter shall be ensured and maximized as backup power.
 - Adequate parking space shall be develop for staff and guests.
 - Proper restroom and toilets shall be provided for service workers, drivers & accompanying staff, if any
 - All directions of Fire Department shall be complied.
 - Provisions shall be made for the integration of Solar Power System.
 - The project proponent shall submit halfyearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: <https://parivesh.nic.in>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.
 - No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
 - The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Tranboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
 - Project Proponent will operate on the principle of zero liquid discharge.
 - Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
 - The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
 - 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.
 - Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahilamangal dal/ Yuvakmangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities
 - The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
 - Concealing factual data or submission of false/fabricated information/data and 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.
 - The proponent submitted details of the cost incurred on the project so far to be Rs 1,54,06,761.00 (One Crore Fifty-Four Lakh Six Thousand Seven Hundred Sixty-one only).
 - Since the project proponent has suo-moto reported the violation hence, the penalty applicable is 0.5% of the project cost incurred till date, thus the total amount of the penalty is calculated to be Rs 77,100.00 (Seventy-Seven Thousand One Hundred Only). This non-refundable amount has been deposited by the project proponent vide DD No- 612868 dated- 03.10.2023 of IDFC First Bank in the account of Uttarakhand Pollution Control Board.
 - The Project Proponent shall submit the bank guarantee to UKPCB pertaining to remediation plan and natural and community resource augmentation plan of the amount Rs. 4,35,000.00 (Four Lakh Thirty Five Thousand only). This bank guarantee will be refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan and natural/community resource augmentation plan

Based on above observations and subject to conditions (Annexure-3), the committee recommended the above project for grant of Environmental Clearance

Proposal - 6

Online proposal No.	SIA/UK/INFRA2/445090/2023
Name of the Project	Proposal for existing Hot Mix Plant of 50 TPH under violation at Khata No. 495Ga & 819Ga Village- Khushalpur, Tehsil- Vikasnagar, District- Dehradun.
Name & Address of Proponent	M/s Raj Shyama Construction (P) Ltd. by Shri Vikas Kumar Tyagi(Authorized Signatory)
Whether New/Expansion/Modernization Project	Existing
Total Plot Area	0.2380 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/445090/2023 on dated 20th September, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Printed Aluminium Foil & manufacturing of Poly Bags. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. Project was prepared by Accredited consultancy firm M/s Rian Enviro Pvt. Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	Hot Mix 50 TPH
2.	Estimated Project Cost	30.0 Lacs
3.	Total Plot Area	2380.00 Sq. M.
4.	Proposed Green Area	786.00 Sq. m
5.	Proposed Green Area	786.00 Sq. m
6.	Fresh Water Consumption	8.60 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	125KVA
9.	Power back up	DG Set 125 KVA (01 No.)
10.	Wastewater Management	Sewage: 0.20 KLD (Septic tank/soak Pit).
11.	Steam and heating system	LDO - 50Kg/MT
12.	Fuel Consumption	HSD - 35Lit/Hr.

Land use details:		Description
S.No	Parameters	
1.	Ground Coverage	200.00
2.	Road and Paved area	
3.	Parking area	786.00 Sq. m
4.	Green Area	
5.	Switchyard [OTS]	
6.	Future Expansion Area	2380.00 Sq. M.
	Total Plot Area	

Raw material details:			Source	Mode of Transport
S.No	Major Raw Material	Avg. consumption Tones per Day		
1.	Aggregates - 20 MM	115	Open Market	Road
2.	Aggregates - 10 MM	190	Open Market	Road
3.	Stone Dust	95	Open Market	Road
4.	Reclaimed Filler	75	Open Market	Road
5.	Bitumen	25	Refineries	Road

Domestic Water Demand and Effluent Generation:					
S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses	10		0.30	0.20

(Signatures)

	[drinking, sanitation]				
2	Flushing water				
3	Canteen Facility				
4	Housekeeping			7.70	
5	Gardening	786 Sq. m			
6	Dust Suppression				
7	Washing			8.00	0.20
	Total				

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	6.0	
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	6.0	

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	10 Nos./Annum	Authorized Recyclers
2	Used Oil [Category 5.1]	0.1 MTPA	Authorized Recyclers

The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by establishing plant without prior EC.

- Project Proponent shall operate wet scrubbing system efficiently.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- 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 construction activity at the site.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_x, NO_x, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.

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- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- 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.
- 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.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and 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.
- The proponent submitted details that the total cost of project is Rs 30,00,000.00 (Thirty Lakhs only) certified by CA.
- Since the violation was observed by Uttarakhand Pollution Control Board hence, the penalty applicable is 1.0% of the project cost incurred till date, thus the total amount of the penalty is calculated to be Rs30,000.00 (Thirty Thousand Only). This non-refundable amount has been deposited by the project proponent vide DD No- 080856 dated- 27.09.2023 of HDFC in the account of Uttarakhand Pollution Control Board.
- The Project Proponent shall submit a bank guarantee pertaining to remediation plan/ natural/community resource augmentation plan of the amount Rs. 6,05,000.00 (Rupees Six Lakh Five Thousand only). This bank guarantee will be refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan/natural/community resource augmentation plan

Based on above observations and subject to conditions (Annexure-1), the committee recommended the above project for grant of Environmental Clearance.

Proposal - 7

Online proposal No.	SIA/UK/MIN/439294/2023
Site Details	Proposed Extraction of Soapstone at Village -BairaMajhera, Tehsil -Kapkot, District - Bageshwar.
Name & Address of Proponent	Shri Pura Chandra Bhatt S/o Shri Krishnanand Bhatt, R/o Village & Post - Baira, Tehsil -Kapkot, District - Bageshwar
Coordinates	Latitude-29° 54' 17.4676" N to 29° 54' 25.5641" N Longitude-79° 53' 27.5635" E to 79° 53' 28.4949" E
Mining Lease Area	2.595 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per O.M No- F.No.L-11011/175/2018-IA-II(M) dated-12-12-2018, the project has been screened in to category B1 (cluster formation of >5 Ha with in 500 meter periphery of concerned mine).

The project was submitted vide proposal no SIA/UK/MIN/439294/2023 on dated 5th August, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the standard ToR was issued through online mode on dated-29.12.2022 and the public hearing was conducted on dated-26.05.2023. The project proponent has now submitted final EIA report with fresh data of one season the EIA report submitted by the proponent consists of following chapters- description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged, EMP etc. Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.

The committee (barring Dr.AshutoshGautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description																																										
1.	Name of the Project Proponent	Shri Pura Chand Bhatt																																										
2.	Registered Address	Shri Pura Chand Bhatt S/o Shri Krishnanand Bhatt Village & Post Baira, Tehsil Kapkot, District Bageshwar																																										
3.	Full correspondence address of proponent and mobile no.	Shri Pura Chand Bhatt S/o Shri Krishnanand Bhatt Village & Post Baira, Tehsil Kapkot, District Bageshwar Mobile 9873162808																																										
4.	Name of Project	BairaMajhera Soapstone Deposit																																										
5.	Project Location (Plot.Khasra/Gata No.)	Khasra No. 1118, 1119, 1120 and Others																																										
6.	Name of Village	BairaMajhera																																										
7.	Tehsil	Kapkot																																										
8.	District	Bageshwar																																										
9.	State	Uttarakhand																																										
10.	Name of Minor Mineral	Soapstone																																										
11.	Sanctioned Lease Area (in Ha.)	2.595 ha																																										
12.	Max. & Min mRL within lease area	Max- 1444.0 mRL&1374mRL																																										
13.	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Pillars No.</th><th>Latitude</th><th>Longitude</th></tr> <tr><td>1</td><td>29° 54' 23.5729" N.</td><td>79° 53' 26.0229" E</td></tr> <tr><td>2</td><td>29° 54' 21.3068" N.</td><td>79° 53' 27.5028" E</td></tr> <tr><td>3</td><td>29° 54' 17.4676" N.</td><td>79° 53' 27.5635" E</td></tr> <tr><td>4</td><td>29° 54' 20.2224" N.</td><td>79° 53' 32.1871" E</td></tr> <tr><td>5</td><td>29° 54' 22.8115" N.</td><td>79° 53' 33.7861" E</td></tr> <tr><td>6</td><td>29° 54' 22.9425" N.</td><td>79° 53' 34.2221" E</td></tr> <tr><td>7</td><td>29° 54' 22.3010" N.</td><td>79° 53' 37.5711" E</td></tr> <tr><td>8</td><td>29° 54' 22.7830" N.</td><td>79° 53' 37.8267" E</td></tr> <tr><td>9</td><td>29° 54' 23.7026" N.</td><td>79° 53' 37.1883" E</td></tr> <tr><td>10</td><td>29° 54' 24.7566" N.</td><td>79° 53' 35.5924" E</td></tr> <tr><td>11</td><td>29° 54' 23.4399" N.</td><td>79° 53' 34.9783" E</td></tr> <tr><td>12</td><td>29° 54' 23.3009" N.</td><td>79° 53' 34.1888" E</td></tr> <tr><td>13</td><td>29° 54' 23.4368" N.</td><td>79° 53' 30.9633" E</td></tr> </table>	Pillars No.	Latitude	Longitude	1	29° 54' 23.5729" N.	79° 53' 26.0229" E	2	29° 54' 21.3068" N.	79° 53' 27.5028" E	3	29° 54' 17.4676" N.	79° 53' 27.5635" E	4	29° 54' 20.2224" N.	79° 53' 32.1871" E	5	29° 54' 22.8115" N.	79° 53' 33.7861" E	6	29° 54' 22.9425" N.	79° 53' 34.2221" E	7	29° 54' 22.3010" N.	79° 53' 37.5711" E	8	29° 54' 22.7830" N.	79° 53' 37.8267" E	9	29° 54' 23.7026" N.	79° 53' 37.1883" E	10	29° 54' 24.7566" N.	79° 53' 35.5924" E	11	29° 54' 23.4399" N.	79° 53' 34.9783" E	12	29° 54' 23.3009" N.	79° 53' 34.1888" E	13	29° 54' 23.4368" N.	79° 53' 30.9633" E
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		14	29° 54' 24.1515" N,	79° 53' 31.2832" E
		15	29° 54' 25.3741" N,	79° 53' 30.0532" E
		16	29° 54' 25.5641" N,	79° 53' 28.4949" E
14.	Letter of Intent from State Government	2263/VII-A-1/2021-01(47)/2021, Dated 01.01.2022		
15.	Mine Plan approval details	1368/Mu. Kha/Khanan/53/ soapstone/Bagh./Bhu.Khani E./2021-22 Dated 08.07.2022		
16.	Validity of Mine Plan	5 years		
17.	Total geological reserves	323856 Tonnes		
18.	Total Proposed Production (In 5 Years)	First year	13,916 Ton,	
		Second Year	14,126 Ton	
		Third year	16,660 Ton	
		Fourth Year	17,046 Ton	
		Fifth Year	19,010 Ton	
19.	Sanctioned Period of Mine lease	25 Years		
20.	Method of Mining	Open Cast Semi Mechanized Method		
21.	No. of working days	240		
22.	Working hours/day	8 Hrs		
23.	No. of workers	82 Nos.		
24.	Type of Land	Uneven Agricultural land, Govt Land		
25.	Ultimate Depth of Mining	12 m		
26.	Water Requirement	4.5 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	1.0 Lakhs		
31.	Proposed EMP cost	3.20 Lakh		
32.	No. of Trees to be Planted.	1000 Plants		
33.	Detail of CTE/CTO issued by UPPCB	Will be applied after Grant of EC		

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee 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.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 5000 plants will be planted in first two years followed by maintenance in the next three years. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The committee suggested that the proponent should provide Eco-friendly toilets for the workforce.
- The mining operation would provide local employment and bring economic benefit to local population.
- Approved DSR of District Bageshwar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a letter issued Forest Department vide his letter no 143/4-1 dated-19.08.2021 stating that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.

[Handwritten signatures and initials]

- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.
- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and 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.

Based on above observations and subject to conditions (Annexure-4), the committee recommended the above project for grant of Environmental Clearance.

Proposal - 8

Online proposal No.	SIA/UK/MIN/445566/2023
Site Details	Proposed Extraction of Soapstone at Village - Banoli, Tehsil - Berinag, District - Pithoragarh.
Name & Address of Proponent	Shri Chamu Singh Negi R/o Village - Raiagar, Tehsil - Berinag, District - Pithoragarh.
Coordinates	Latitude- 29°46'42.6"N to 29°46'50.81"N Longitude- 80°4'56.93"E to 80°5'13.2" E
Mining Lease Area	4.657 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/445566/2023 on dated 23rd September, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The Committee is of the view that due to unavailability of original cluster issued by SDM as mandated by SEIAA OM- 592/SEIAA dated-14.01.2021 and ecological sensitive certificate of 10 Km radial distance of concerned mine, the present case is deferred till the above document is made available to SEAC.

Consideration/Reconsideration of Proposals For Terms of Reference (ToR)

Proposal -9

Online proposal No.	SIA/UK/INFRA2/442303/2023
Name of the Project	Proposed expansion by constructing Guest Room in Existing Hotel(Under Violation) at 152/3-4, Rajpur Rd, Jakhan, Dehradun
Name & Address of	M/s Hyatt Centric a Unit of 3b Infrastructure Pvt. Ltd by Shri

Proponent	Chetan Talwar (General Manager)
Whether New/Expansion Project	Expansion
Total Plot Area	3,720.48 m ²
Total Built up Area	7,378.00 m ²
Project Category	B1 & 8(a) as enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/442303/2023 on dated 29th August, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed expansion by constructing Guest Room in Existing Hotel (Under Violation). The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan & EMP. Project was prepared by Accredited consultancy firm M/s Natureanalityca Envirocare Solutions Pvt. Ltd. and project was presented by Shri O. P. Shukla, EIA Coordinator.

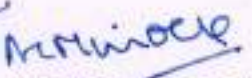
The Committee after examining the original proposal and after going through the presentation done by the consultant wherein he informed that they have made violation by doing complete construction work.

The SEAC has raised following observations-


- SEAC asked the Project Proponent for submitting actual amount of money incurred so far by the project to estimate the penalty. Since the violation has been reported by Regional Office MoEF&CC in his certified compliance report vide NC-RO/ENV/CON/UK/17/2015/128 dated- 02.05.2023 of previous EC granted to M/s 3B Infrastructure Pvt. Ltd., the penalty applicable is 1% of the project cost incurred till date. This non-refundable amount is to be deposited in the account of State Pollution Control Board.
- The Project Proponent is expected to submit the total budgetary allocation pertaining to remediation plan and natural and community resource augmentation plan. The Project Proponent shall submit a bank guarantee equivalent to the above amount with the State Pollution Control Board. This bank guarantee is refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan and natural and community resource augmentation plan.
- The Project Proponent shall complete the impact assessment studies and submit Environmental Impact Assessment (EIA) report and Environmental Management Plan (EMP) in a time bound manner. Till this happens further operations/construction activities on the site shall be closed.

Hence, committee agreed to recommend ToR (Annexure-5) to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court. A sub-committee may visit the site on mutually agreed date.


(Shri S.S. Bist)
Chairman, SEAC

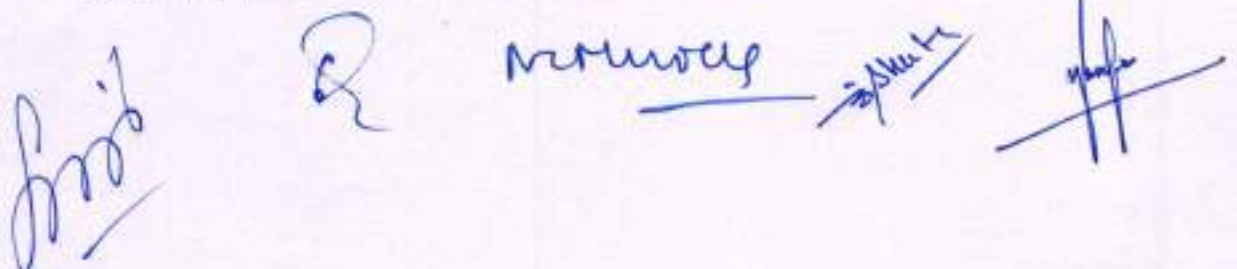

(Dr. A.K. Minocha)
Member, SEAC


(Dr. Ashutosh Gautam)
Member, SEAC


(Dr. B.P. Purohit)
Member, SEAC


(Shri Nitish Mani Tripathi)
Member Secretary, SEAC
(Attended Online)

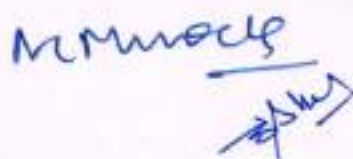
- 1) Consent to Establish/Consent to Operate shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- 2) The building plan and structural design of the unit shall comply with requirements of Seismic Zone - IV as outlined in National Building Code.
- 3) No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
- 4) The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- 5) During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- 6) The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- 7) All stacking and loading areas should be provided with proper earthen drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- 8) The manufacturing process shall be carried out in closed atmosphere without having any air emissions. However air emissions from DG set should comply with CPCB norms by designing stack of adequate height
- 9) No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- 10) All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- 11) The gaseous emissions (SO_x , NO_x , CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- 12) Fugitive emissions in the work zone environment, product, raw materials and storage areas shall be regularly monitored. The emissions shall conform to the limits imposed by the UKPCB/Central Pollution Control Board. Dust / Powder from the formulation process shall be collected by dust extractor.
- 13) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storages and Import of Hazardous Chemicals Rules, 1989, as amended from time to time. Authorization from the UKPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
- 14) The DG sets shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- 15) The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- 16) All liquid raw materials shall be stored in storage tanks and drums. Closed handling systems for chemicals and solvents shall be provided. Magnetic seals shall be provided for pumps/agitators for reactors for reductions of fugitive emissions.
- 17) The vehicles used at the factory site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- 18) All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time



- 19) Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- 20) Training shall be imparted to all employees on safety and health aspects of handling of chemicals. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
- 21) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- 22) The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- 23) Rainwater harvesting for surface run off shall be ensured. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles.
- 24) Energy consumption measures like installation of LED/TFL for the external lighting area shall be ensured. The used LED/TFL shall be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
- 25) One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material shall be used during plantation in consultation with State Forest Department. The species should include criterion of fruit bearing and fast growth.
- 26) Solar panel/energy should be encouraged/installed in the premises.
- 27) The project proponent shall undertake in eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- 28) The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.
- 29) The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.









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- 1.4. The building plan and structural design shall comply with requirements of Seismic Zone - IV as outlined in National Building Code
- 1.5. The topsoil excavated during construction work shall be used for backfilling/landscape development/green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority
- 1.6. The onsite levelling and dressing should ensure minimal vegetation clearing and soil erosion. If necessary organic mulching should be done to avoid soil erosion. There shall not be any felling of green trees for the purpose of this project
- 1.7. The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community. The muck shall not be disposed off in adjoining forest areas without meeting requirements of Forest (Conservation) Act, 1980.
- 1.8. Temporary storage units should be erected in the construction site and transportation of construction materials shall be restricted to non-peak hours. The dust pollution shall be suppressed by regular water sprinkling
- 1.9. The use of ready mixed concrete/premised concrete, curing agents and other such practices shall be adopted to minimize use of water on site
- 1.10. All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as such materials leach into ground water.
- 1.11. The water requirement during construction phase shall be met from regular water supply/private tankers. There shall be no extraction of ground water and water requirement for the project in operational phase shall be met entirely from private tankers. Construction work requiring water shall not be carried out during 30th April to 15th June in the year
- 1.12. The soil and groundwater samples shall be tested from accredited agencies and it shall be ensured that they comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- 1.13. Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- 1.14. The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- 1.15. The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 10 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- 1.16. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2006 which is proposed to be mandatory for all air-conditioned spaces while non air-conditioned spaces should have appropriate thermal insulation materials. The U values of the roof, external wall and fenestration shall also meet specifications of ECBC, 2006.
- 1.17. Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 metres above the highest ground water table
- 1.18. The storm water management shall be so designed as to avoid discharge of water directly to the forest areas/adjoining locality which may lead to water logging in nearby areas. The storm water shall be put to use for recharging of aquifers and also pond creation within the campus
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1.21. The construction work shall be restricted to Sunrise to Sunset period in a day. Any construction activity beyond this period shall be subject to approval of Competent/Designated Authority from time to time.

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1.27. The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.

1.28. A STP shall be installed for treating waste water upto permissible standards and complying with parameters of CPCB/UEPPCB guidelines & no treated waste water is allowed to take outside the premises for any uses.

1.29. Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.

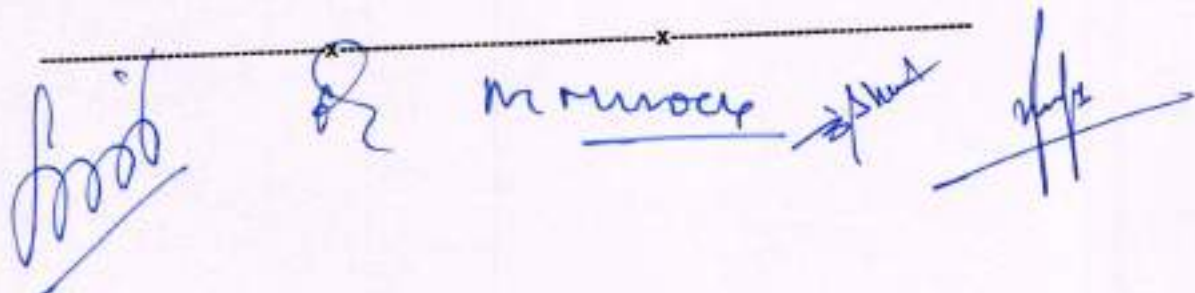
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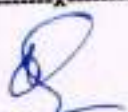





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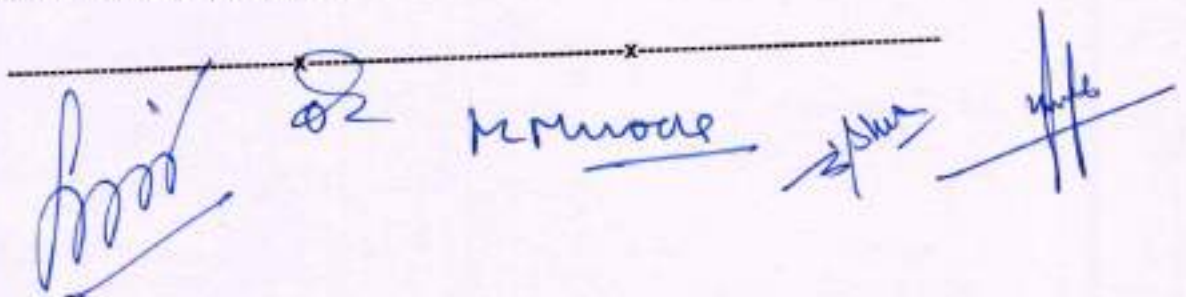
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1. The legal status of the mining lease area shall remain unchanged and the Environment Clearance shall remain coterminus with lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal
2. The mining/extraction of soapstone shall not be done without approved mine plan from designated authority. The mine plan should be revised every 5 years and no fresh mine plan shall be prepared without site inspection by designated authority
3. The boundary of the mined lease area shall be demarcated on ground by erecting pillars, each inscribed with its serial number, DGPS coordinates, forward and back bearing, and distance from adjoining pillars etc. This demarcation will be ensured by the Revenue Department. A bench mark will be established to monitor depth of the mining. A safety zone of 7.5 mt (surrounding the mine site) shall be left free from mining
4. The mining shall be carried out **as per approved mine plan** without adopting drilling and blasting operation. The use of hand held mechanically driven equipment is permitted. The use of any electrically driven machinery shall be remain prohibited and only hand held tools shall be used for extraction of the mineral
5. Soapstone mining shall be carried out during sunrise to sunset period only. It shall not involve felling of trees and clearance of vegetation. There shall be no permanent construction at the site except temporary erection of first aid room, office, store, drinking water shed, rest shelter etc.
6. The process of mining and quantity of extractable mineral and subsequently progressive mine closure shall be as per the approved mine plan. The mining operation shall be carried out from formation of benching pattern. The maximum height of benches shall not exceed 1.5 mt and ultimate pit slope shall be kept as per the approved mining plan.
7. The maximum permissible depth for mining of soapstone shall not exceed 6 meter or depth of ground water table whichever is less. During first five years of mining lease the depth of mining shall not exceed 3 meter. Mining beyond 6 meter shall be granted after site visit by SEAC
8. Mining shall be permissible from 1st October of every year to 15th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season
9. Reclamation of the mine lease area shall be through back filling, stabilization and cultivation. The waste and top soil generated during mining shall be temporarily stacked in external dump which will be subsequently vacated and back filled in mined out pits. The waste generated in the area will be backfilled during rains and land made suitable for cultivation. Back filling shall be done in a retreating manner as per the approved mine plan. Mining activity and back filling shall be done simultaneously once space is available
10. No disturbance to natural drainage system around the mining lease area shall be done. No mixing of wastes is allowed. The dump site shall be kept away from the nearby nallahs/water bodies and maintained at a distance of at least 100 meters. The external dump shall be protected against slide/slip by adopting suitable mechanical and vegetative measures. Proponent should construct a retaining wall, along the nallah side, with suitable height to protect soil erosion. The construction of toe wall, check dam and planting of grass species/soil binding dwarf species in dump yard shall be done
11. The project proponent shall undertake transportation of mineral from pit head to road head manually or by mule. Further it shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minerals to final destination. There shall be no over loading of vehicles as against standard norms fixed by Central Government/State Government/Hon'ble Courts from time to time
12. The project proponent shall regulate and maintain record of the quantity of soapstone extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time.
13. There shall be no labour camp in the mining lease area for the labour engaged in mining of soapstone. The labour engaged in mining shall be provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land
14. Proponent should submit surface water quality and ambient air quality monitoring report as committed in EMP, with suitable parameters
15. Under corporate social responsibility proponent should develop community services such as drinking water, education, housing, sanitation, health, safety and medical facilities, public transportation and communication, social welfare etc.
16. 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
17. Afforestation shall be carried out in nearby Van Panchayat. The species selection shall be site specific and cater to the demand of the Van Panchayat. The concerned district official of State Forest Department shall ensure the compliance.
18. The Geology and Mining 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

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19. The project proponent shall formulate a transparent and unbiased procedure for engagement of laborers for sustainable extraction of the minerals from the mining lease area. 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 relevant Acts/Rules
20. 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 i.e. at least 100mt distance from Nallahs/Water Bodies, bridges, educational institution or structures of historical importance.
21. 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. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard
22. 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
23. 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
24. The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project
25. The project proponent should plant 5000 trees in first 2 years and followed by maintenance 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.
26. Photography of the proposed mining site as well as the plantation sites undertaken by the project proponent showing GPS coordinates should be done (preferably using Drone) and submitted to SEIAA and regional office of MoEF&CC, Govt of India at Dehradun along with half-yearly compliance report.
27. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
28. The above environmental safeguards shall be implemented in letter and spirit. The project proponent shall establish Environment Monitoring Cell and also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.



8(a): TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR BUILDING AND CONSTRUCTION PROJECTS UNDER VIOLATION CATEGORY AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

- 1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
- 2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.
- 3) Examine baseline environmental quality along with projected incremental load due to the project.
- 4) One month baseline data to be generated on Air, Water, Noise & Soil.
- 5) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 6) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
- 7) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
- 8) Submit the details of the trees to be felled for the project.
- 9) Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- 10) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
- 11) Ground water classification as per the Central Ground Water Authority.
- 12) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
- 13) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
- 14) Examine soil characteristics and depth of ground water table for rainwater harvesting.
- 15) Examine details of solid waste generation treatment and its disposal.
- 16) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
- 17) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
- 18) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
- 19) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
- 20) Examine the details of transport of materials for construction which should include source and availability.
- 21) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- 22) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- 23) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 24) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 25) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

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