



# Himachal Pradesh State Expert Appraisal Committee

SEIAA, Himachal Pradesh

Ministry of Environment Forest & Climate Change, Government of India,

at Department of Environment Science & Technology,

Paryavaran Bhawan, Near US Club, Shimla-1.

Ph: 0177-2656559, 2659608, Fax: 2659609

No. HP SEAC/2008, 16-Vol-V

Dated: 19/7/2017

**MINUTES OF THE 54<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE HELD IN CONFERENCE HALL, DEPARTMENT OF ENVIRONMENT, SCIENCE & TECHNOLOGY, SHIMLA, ON 17<sup>th</sup> July, 2017**

The 54<sup>th</sup> meeting of State Expert Appraisal Committee for appraisal of the Project proposals received for Environmental Clearance was held on 17<sup>th</sup> July, 2017 in the Conference Hall of Department of Environment, Science & Technology, Shimla. The following were present in the meeting:

Sr.	Name	Designation	
1.	Sh. Shailendra Nigam, IAS	Chairman	✓
2.	Sh. Raj Kumar Sood, IFS	Member	✓
3.	Sh. Arun Kumar Sharma	Member	-
4.	Dr. Ravinder Kumar Sood	Member	✓
5.	Sh. S.P. Negi	Member	-
6.	Prof. (Dr.) Dalip Singh Thakur	Member	-
7.	Dr. Bhupinder S. Marh	Member	✓
8.	Sh. A.N. Gautam	Member	✓
9.	Dr. R.C. Chauhan	Member	✓
10.	Dr. Satish Kumar Bhardwaj	Member	-
11.	Er. Praveen Gupta	Secretary	✓

The Deliberations were started with permission of Chair.

**DELIBERATIONS HELD W.E.F. 17<sup>th</sup> July, 2017**

**ITEM NO. 1: CONFIRMATION OF THE MINUTES OF 53<sup>rd</sup> MEETING OF SEAC:**

The minutes of the 53<sup>rd</sup> meeting of SEAC held on 15<sup>th</sup> June, 2017 were ratified by the committee as per procedure.

**ITEM NO.2: APPRAISAL OF CASE APPLICATIONS LISTED FOR ENVIRONMENTAL CLEARANCE:**

Consideration of the following projects for extension of the validity of TOR's.

- 2.1 Smt. Shubhlata Sharma, W/o Sh. Madan Mohan Sharma, Village & P.O. Mohakampur Nawada, Tehsil-Paonta Sahib, District-Sirmour, 173025, H.P. Mob: 94180 92800.

**Brief outline of the project:**

a)	Online Proposal No.	SIA/HP/MIN/59916/2016 dated 02.12.2016
b)	Project type	Mining of Minerals (Extraction of Stone boulder, Sand & Bajri).
c)	Project Location	Khasra No. 638/613/590/188/10 falling in Mauza/Mohal-

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		Mohakampur Nawada, Tehsil-Paonta Sahib, District-Sirmour, H.P.
d)	Capacity	1,22,543 metric tons.
e)	Mining Area	5.91 ha, 71-01 Bighas (Private land, river bed)
f)	EMP Cost	Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 1.0 lakhs.
g)	CSR Cost	Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.5 lakhs.

The proposed project is for mining in the river bed of Giri which is a tributary of Yamuna River. The proposed mining will be carried out only up to a depth of 1m (3 feet) depth using hand tools like shovels, pan etc. only during the day time.

**The case was listed in 49<sup>th</sup> meeting of SEAC, where SEAC decided that the case will be listed in next meeting after compliance of following observations:**

- *The project proponent shall submit revised certificate w.r.t. distance from (i) Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972); (ii) Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii) Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and (iv) inter-State boundaries and international boundaries;*
- *The project proponent shall submit maps with details of state boundary, wild life sanctuary, irrigation scheme mentioned in Joint Inspection Report etc. with correct scale.*
- *The project proponent shall submit composite EIA/ EMP (Environment Management Plan) of mining sites including all other mines situated in cluster area to offset the cumulative impact due to mining activities.*

The case was re-listed in 51<sup>st</sup> meeting of SEAC, where after deliberating on the information submitted by the project proponent and considering the fact that the Hon'ble National Green Tribunal has passed an order in the matter of appeal No. 57 of 2016 dated 16/1/2017 of Rana Randeep Singh Vs. Union of India & others it was, decided that before considering the case to be recommended for grant of Environment Clearance a certificate may be obtained from Mining Department to the fact that the instant case application does not fall as the boundary of Uttarakhand and Himachal Pradesh.

**The project proponent has submitted the compliance to observations made in 51<sup>st</sup> meeting.**

After deliberating on the information and compliance submitted and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of Environmental Clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I and subject to compliance of following condition:

- The project proponent shall submit an undertaking to the fact to assist Sh. Gopal Chand submitted vide SIA/HP/MIN/65200/2017 dated 05.06.2017 & proposal vide SIA/HP/MIN/59918/2016 dated 03.12.2016 of Sh. Madan Mohan Sharma, Prop: M/s Shubhgri Crushing Company to prepare integrated EMP as recommended by SEAC.

2.2 Smt. Shubhlata Sharma, W/o Sh. Madan Mohan Sharma, M/s Subhgiri Crushing Company, 214/10, Devinagar, P.O. Rampurghat, Tehsil-Paonta Sahib, District-Sirmour, H.P.

**Brief outline of the project:**

- |    |                     |  |
|----|---------------------|--|
| a) | Online Proposal No. | SIA/HP/MIN/59452/2016 dated 05.10.2016   |
| b) | Project type        | Mining of Minerals (Extraction of Sand, Stone & Bajri).  |
| c) | Project Location    | Khasra No. 638/613/590/188/3 falling in Mauza/Mohal-Mohakampur Nawada, Tehsil-Paonta Sahib, District-Sirmour,HP. |
| d) | Capacity            | 79,095 metric tons per year.   |
| e) | Mining Area         | 3-75 ha, 45-00 Bighas (Private land) CLUSTER CASE  |
| f) | EMP Cost            | Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 0.9 lakhs.  |

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g) CSR Cost Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.5 lakhs.

The proposed project is part of river bed of Giri. The mining is proposed to be carried out only up to a depth of 1m (3 feet) depth using hand tools like shovels, pan etc. only during the day time.

**The case was listed in 49<sup>th</sup> meeting of SEAC, where SEAC decided that the case will be listed in next meeting after compliance of following observations:**

- The project proponent shall submit revised certificate w.r.t. distance from (i) Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972); (ii) Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii) Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and (iv) inter-State boundaries and international boundaries;
- The project proponent shall submit maps with details of state boundary, wild life sanctuary, irrigation scheme mentioned in Joint Inspection Report etc. with correct scale.
- The project proponent shall submit composite EIA/ EMP (Environment Management Plan) of mining sites including all other mines situated in cluster area to offset the cumulative impact due to mining activities.

**The case was re-listed in 51<sup>st</sup> meeting of SEAC, where after deliberating on the information submitted by the project proponent and considering the fact that the Hon'ble National Green Tribunal has passed an order in the matter of appeal No. 57 of 2016 dated 16/1/2017 of Rana Randeep Singh Vs. Union of India & others it was, decided that before considering the case to be recommended for grant of Environment Clearance a certificate may be obtained from Mining Department to the fact that the instant case application does not fall as the boundary of Uttarakhand and Himachal Pradesh.**

**The project proponent has submitted the compliance to observations made in 51<sup>st</sup> meeting.**

**After deliberating on the information and compliance submitted and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of Environmental Clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I and subject to compliance of following condition:**

- The project proponent shall submit an undertaking to the fact to assist **Sh. Gopal Chand submitted vide SIA/HP/MIN/65200/2017 dated 05.06.2017 & proposal vide SIA/HP/MIN/59918/2016 dated 03.12.2016 of Sh. Madan Mohan Sharma, Prop: M/s Shubhgri Crushing Company to prepare integrated EMP as recommended by SEAC as and when required.**

**2.3 Sh. Madan Mohan Sharma, Prop: M/s Shubhgri Crushing Company, Village-Devinagar, P.O. Rampurghat, Tehsil-Paonta Sahib, District-Sirmour, 173025, H.P. Mob: 94180 92800.**

**Brief outline of the project:**

- |    |                     |  |
|----|---------------------|--|
| a) | Online Proposal No. | SIA/HP/MIN/59918/2016 dated 03.12.2016   |
| b) | Project type        | Mining of Minerals (Extraction of Sand, Stone & Bajri).  |
| c) | Project Location    | Khasra No. 288/239/2/1 falling in Mauza/Mohal-Bangran, Tehsil-Paonta Sahib, District-Sirmour, H.P. |
| d) | Capacity            | 2, 77, 825 TPA.  |
| e) | Mining Area         | 13.7198 ha, 162-15 Bighas (Private land)   |
| f) | EMP Cost            | Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 1.2 lakhs.  |
| g) | CSR Cost            | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.5 lakhs.  |

The proposed project is for mining in the river bed of Giri which is a tributary of Yamuna River. The proposed mining will be carried out only up to a depth of 1m (3 feet) depth using hand tools like shovels, pan etc. only during the day time.

**The case was listed in 49<sup>th</sup> meeting of SEAC, where SEAC decided that the case will be listed in next meeting after compliance of following observations:**

- *The project proponent shall submit revised certificate w.r.t. distance from (i) Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972); (ii) Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii) Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and (iv) inter-State boundaries and international boundaries;*
- *The project proponent shall submit maps with details of state boundary, wild life sanctuary, irrigation scheme mentioned in Joint Inspection Report etc. with correct scale.*
- *The project proponent shall submit composite EIA/ EMP (Environment Management Plan) of mining sites including all other mines situated in cluster area to offset the cumulative impact due to mining activities.*

The case was re-listed in 51<sup>st</sup> meeting of SEAC, where after deliberating on the information submitted by the project proponent and considering the fact that the Hon'ble National Green Tribunal has passed an order in the matter of appeal No. 57 of 2016 dated 16/1/2017 of Rana Randeep Singh Vs. Union of India & others it was, decided that before considering the case to be recommended for grant of Environment Clearance a certificate may be obtained from Mining Department to the fact that the instant case application does not fall as the boundary of Uttarakhand and Himachal Pradesh.

The project proponent has submitted the compliance to observations made in 51<sup>st</sup> meeting. Now, SEAC shall appraise the case.

**The committee observed that since the area of proposal of Sh. Gopal Chand submitted vide No. SIA/HP/MIN/65200/2017 dated 05.06.2017 is located within the distance of 500 meters radius of present case besides the fact that the other two leases of Smt. Subh Lata are also falling in the same catchment of Giri river at a distance of about 5 kms thus this situation could lead to cumulative impacts on environment, additionally the consultant presenting the technical report before committee is also same in all the cases, therefore, committee observed it necessary to have integrated environment management plan for nearby area of mining leases.**

**After deliberating on the information and compliance submitted and considering the facts placed before the committee, the SEAC decided to list the case in next meeting after compliance to the following observations that the project proponent shall also assist in preparation of the integrated environment management plan.**

- 2.4 **Sh. Gopal Chand, S/o Sh. Sandhu Ram, Village-Khoronwala, P.O. Gorkhuwala, Tehsil-Paonta Sahib, District-Sirmour, H.P.**

**Brief outline of the project:**

a)	<b>Proposal No.</b>	<b>SIA/HP/MIN/65200/2017 dated 05.06.2017, HPSEIAA/2017/546</b>
b)	<b>Project type</b>	Extraction/collection of Boulder, Bajri & Sand.
c)	<b>Project Location</b>	Khasra number falling in 286/239, 287/239, 170 min, 241/169, 240/169, 182, 183, 249/228 situated in Mauza Bangran, Tehsil-Paonta Sahib, District-Sirmour, H.P.
d)	<b>Capacity</b>	92,111 TPA
e)	<b>Mining Area</b>	56-09 Bighas, 4.6 ha <b>CLUSTER CASE</b>

f)	EMP Cost	Capital Cost: Rs. <b>0.40 lakhs</b> ; Recurring cost: <b>Rs. 0.50 lakhs.</b>
g)	CSR Cost	Capital Cost: Rs. <b>0.6 lakhs</b> ; Recurring cost: <b>Rs. 1.15 lakhs.</b>

The proposed project is extraction/collection of sand, boulders and bajri from the bed of Giri River up to one meter bgl or above. As proposed the mining will be carried out only up to a depth of 1m (3 feet) depth using hand tools like shovels, pan etc. The mining will be confined to the allotted lease area lies in the bed of Giri river.

The Proposed project has applied on 14.06.2017 and online on dated 05.06.2017. The project proponent has submitted the form-1, buffer map, land use and cover map, satellite map, evacuation route map, buffer boundary, geological maps, letter of Intent dated 01.12.2016, land revenue records, approved mining plan dated 01.04.2017, issuance of distance certificate from State Geologist dated 27.04.2017, letter from Mining Officer dated 08.05.2017, site photographs, joint inspection report dated 16.09.2015, affidavit regarding water availability, letter from DFO concerned dated 24.05.2017, detail of air, water and noise environment, affidavit regarding CSR activities, affidavit regarding fast growing species in the area, NOC from Gram Panchayat dated 27.07.2015, letter from PWD & I&PH.

After considering the facts placed before the committee, the SEAC decided to list the case in next meeting after compliance to the following observations:

The committee observed that since the area of proposal of Sh. Gopal Chand submitted vide SIA/HP/MIN/65200/2017 dated 05.06.2017 is located within the distance of 500 meters radius of SIA/HP/MIN/59918/2016 dated 03.12.2016 of Sh. Madan Mohan Sharma, Prop: M/s Shubhgri Crushing Company besides the fact that the other two leases of of Smt. Subh Lata are also falling in the same catchment of Giri river at a distance of about 5 kms thus could lead to cumulative impacts on environment, additionally the consultant presenting the technical report before committee is also same in all the cases, therefore, committee observed it necessary to have integrated environment management plan for nearby area of mining leases.

In addition;

- The project proponent shall submit revised muck management plan w.r.t. the area demarcated.
- The project proponent shall submit cluster map of mining leases.
- The project proponent shall submit photographs of mining lease.
- The project proponent shall submitted integrated environment management plan for nearby area of mining leases involving Sh. Madan Mohan Sharma, Prop: M/s Shubhgri Crushing Company.

2.5 Mr. Ajay Singh Cheema, Director, G-317, Bhai Randhir Singh Nagar, Ludhiana, Pin-173229. Mob: 097791 7770.

**Brief outline of the project:**

- |    |   |  |
|----|---|--|
| a) | Online Proposal No.                     | SIA/HP/NCP/17860/2009 dated 29.11.2016   |
| b) | Project type                            | Princeton Infrastructure Private limited, Category 8(a) i.e. building and construction of EIA Notification, 2006 |
| c) | Project Location                        | Khasra number at 79, 82, 102/80/02, 75/1, 76/1 at village-Kalth, Tehsil & District-Solan, Himachal Pradesh.      |
| d) | Revised Capacity<br>Built up Flats area | Existing: 30,208.6 m <sup>2</sup> ; Revised: 30,169.96 m <sup>2</sup>  |
| e) | Revised capacity                        | No. units: 184 Revised Plan: 113   |
| f) | Cost of project                         | Existing cost is Rs. 69 Crores & after modernization cost will be Rs. 116 Crores.                                |
| g) | EMP Cost (already                       | Capital Cost: Rs. 215.18 lakhs; Recurring cost: Rs. 9.03 lakhs   |

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implemented)

EMP Cost (proposed Capital Cost: Rs. 150 lakhs; Recurring cost: Rs. 5.0 lakhs expenditure)

The project is of the schedule 8(a) i.e. building and construction of EIA Notification, 2006. As proposed it is an existing group housing project, already got Environment Clearance vide letter number HPSEIAA/F(7) Princeton Infrastructure (P) limited/2008-45-52 dated 08.04.2009. Now, project proponent has submitted revised layout plan, resultant in to decrease the numbers of flats from 184 to 113 along with approvals from concerned authorities. The built-up areas of the project after modernization will be 30,169.96 m<sup>2</sup> against existing built-up area 30,208.6 m<sup>2</sup>. It has been proposed that fresh water requirement will be 96 m<sup>3</sup>/day after modernization against existing 116 m<sup>3</sup>.

The project proponent has applied for revision of Environment clearance on dated 16.11.2016. The project proponent has submitted revised Form-I, Form-IA, conceptual plan, certificate of registration, essentiality certificate, NOC from I&PH department, power availability certificate dated 02.03.2016, NOC from H.P. State Electricity Board, NOC from Member Secretary HPGWA-cum-SE, Shimla-9, Solan, letter from DFO-Solan, NOC from Gram Panchayat dated 18.08.2007, drawing, STP plants, conceptual plan, compliance report, detail of air, water and noise environment etc.

The project proponent requested to revise his Environment Clearance according to the application proposal submitted for revision of Environment Clearance.

**The case was listed in 49<sup>th</sup> meeting of SEAC, where SEAC decided that the case will be listed in next meeting after compliance of following observations:**

- The project proponent shall prepare the documents as per requirements of SO No. 3999(E) dated 9/12/2016 and resubmit the detailed compliance etc.
- The project proponent shall submit core/ buffer zone map.
- The project proponent shall carry out the study w.r.t. impact of water recharging pits.
- The project proponent shall carry out hazard vulnerability analysis for the structural and non-structural safety of the area with the management plan.
- The project proponent shall carry out Social Impact Analysis and submit the report.

**The project proponent submitted the compliance to above observations made in 49<sup>th</sup> meeting. After considering the facts placed before the committee, the SEAC decided to list the case in next meeting after compliance to the following observations:**

- The project proponent shall submit muck management plans on the basis of anticipated quantum viz-a-viz the reused/ utilized quantity and expected quantity likely to be generated from phase-3 and its disposal thereof.
- The proponent shall adopt a village or Panchayat to carry out the CSR activity and shall develop it as a model village/ Panchayat. An affidavit to this extent shall be furnished containing all components of implementation of different activities with costs etc.

**2.6 Sh. Shamsher Katoch, S/o Sh. Jeevan Chand, Prop. M/s Mahadev Enterprises, Village & Post Office-Bhulana, Tehsil-Bajjnath, District-Kangra, H.P.**

**Brief outline of the project:**

a)	Proposal No.	SIA/HP/MIN/65948/2017 dated 05.07.2017, HP SEIAA/2017/547
b)	Project type	Extraction/collection of Sand, Stone & Bajri.
c)	Project Location	Khasra number falling in 3122/2966/1 falling in Mauza Jaisinghpur, Mohal Dalu of Tehsil-Jaisinghpur, District-Kangra.
d)	Capacity	1,00,000 TPA


e)	Mining Area	11-60-66 ha (Govt. land)
f)	EMP Cost	Capital Cost: Rs. 7.0 lakhs; Recurring cost: Rs. 1.40 lakhs.
g)	CSR Cost	Capital Cost: Rs. 1.24 lakhs; Recurring cost: Rs. 0.24 lakhs.

The proposed project is extraction/collection of Sand, Stone & Bajri from the river bed area. The proposed area lies on the right bank of river Beas. The operation will be manual with use of hand tools like shovels, hammer, crow bar, scraping tools, digging tools etc.

The Proposed project has applied on 11.07.2017 and online on dated 05.07.2017. The project proponent has submitted form-1, buffer map, letter of Intent dated 11.11.2016, affidavit regarding plantation, land revenue records, approved mining plan, site photographs, cross section, letter from State Geologist, joint inspection report, NOC from Gram Panchayat dated 26.10.2015, list of flora and fauna, detail of air, water and noise environment, affidavit regarding CSR activities, affidavit regarding water usages.


**The project proponent case application was appraised in the meeting. After considering the facts placed before the committee, the SEAC decided to list the case in next meeting after compliance to the following observations:**

The committee observed that:

- The project proponent shall submit certificate from mining department to the extent that no mining has been carried out by the project proponent till date.
- The proponent shall submit the fresh NOC of the Panchayat.
- The project proponent shall submit the revised map depicting all features around the mining site including much dumping areas.
- The project proponent shall resubmit much management plan.


**Item No. 3**

Any other item with permission of the Chair.

  
(Parveen Gupta)  
Secretary, HPSEAC  
Endst. No.: SEAC 54<sup>th</sup> Meeting /2017-

Meeting ended with vote of thanks to and from the Chair.


Dated

  
(Shailendra Nigam)  
Chairman, HPSEAC  
19/7/2017

Copy to following for information and further necessary action please:

1. The Member Secretary, State Level Environment Impact Assessment Authority, Himachal Pradesh, Shimla-1.
2. Case files of all projects, Guard file.

**Note:** Minutes of the Meeting are being hosted on the official website of SEIAA and all concerned shall download it for taking further necessary actions relevant to their project.

  
(Parveen Gupta)  
Secretary,  
Himachal Pradesh State Expert Appraisal Committee,  
Shimla, Himachal Pradesh.

**A. Specific Conditions:**

- i. Stone and Bajri (if extracted) is not allowed to be sold to crushers not having consent to establish and operate and also not complying with the condition stipulated by State Pollution Control Board.
- ii. The project proponent shall obtain Consent to Establish and Consent to Operate from the Himachal Pradesh Pollution Control Board and effectively implement all the conditions stipulated therein.
- iii. Environment clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.
- iv. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity/ production levels shall accordingly be decreased/ stopped.
- v. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
- vi. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to MoEF&CC and its Regional Office and CPCB, SPCB regularly.
- vii. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- viii. The project proponent shall undertake adequate safeguard measures during mining and ensure that due to this activity the hydro-geological regime of surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the MoEF&CC and its Regional Office Dehradun, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
- ix. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
- x. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
- xi. Vehicular emission shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- xii. No drilling and blasting operation shall be carried out (In case of limestone mining drilling and blasting shall be carried strictly as per approved mining plan).
- xiii. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- xiv. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- xv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xvi. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- xvii. The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.



## **B. General Conditions:**

- i. No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- ii. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
- iii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM<sub>10</sub>) and NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- iv. Data on ambient air quality should be regularly submitted to the MoEF&CC including its Regional office located at Dehradun and the State Pollution Control Board/ Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009 should be allowed for monitoring.
- v. Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- vi. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- vii. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- viii. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- ix. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional Office located at Dehradun.
- x. The project authorities should inform to the Regional Office located at Chandigarh regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- xi. The Regional Office of this Ministry located at Chandigarh shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- xii. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional Office Dehradun, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.
- xiii. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- xiv. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
- xv. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MoEF&CC, Dehradun by e-mail.
- xvi. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the MoEF&CC at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of MoEF&CC at Dehradun.