

To,

The Joint Director,
North Central Regional office,
Ministry of Environment, Forest and Climate Change,
25, Subhash Road,
Dehradun-248001, Uttarakhand.

Subject : Submission of Six Monthly Environmental Report & Compliance Status of Environmental Clearance in respect to N.S. Corporation, Soapstone Mining at Khasra No. 465, 468,1664, 1426 & Others, Near Villages – Jharkot, Chattikhet and Gurguchha ,Taluka – Bageshwar, Tehsil- Kanda, District- Bageshwar.

Reference: Environment Clearance No. 720(525)2014 Dated 16th June, 2015.

Sir,

with reference to the above, We are submitting herewith a compliance report for the period covering 1st Jan, 2016 to 30th June 2017 as per conditions laid down in the environment clearance letter Dated 16th June 2015. issued by the SEIAA referred above for N.S. Corporation Soapstone Mine for Kind Information and Record.

Thanking You,


Yours Faithfully,
(SATISH KUMAR)

For N.S. Corporation

C.C. :-

1. The Member Secretary, Uttarakhand Environment Protection and Pollution control Board, 29/20, Nemi Road, Dalanwala, Dehradun.
2. Secretary, Environment, Forest and Environment, CGO COMPLEX, New Delhi.
3. State Level Environment Impact Assessment Authority Uttarakhand, Ajabpur Kalan, Motharowala Road (Near Panjab National Bank), Dehradun – 248 001, Uttarakhand.
4. Principal Secretary, Environment and Forest, Government of Uttarakhand, Dehradun- 248006.
5. The Principal Chief Conservator of Forests, 85, Rajpur Road, Dehradun, Uttarakhand-248006
6. Director, Industry, Geology and Mining Unit, Govt. of Uttarakhand.
7. Divisional Forest Officer, Bageshwar

Compliance Status of Environmental Clearance

1. **Name of the Project:** M/s N.S. Corporation
2. **Location of the Project:** Khasara No. 465,468,1664,1426 & Others,
Near Villagers – Jharkot, Chattikhet and Gurgurchola,
Taluka – Bageshwar, Tehsil- Kanda, District- Bageshwar.
3. **Production Capacity:** 30,000 Ton/ Annum.
4. **Mining Area :** 22 Ha.

S.N.	Condition of the Environmental Clearance	Compliance Status & Detail
	Conditions for operation phase:	
1	The Environment Clearance is being granted for mining of Soapstone in Mine Lease Area of 22.0 Ha., which includes 7.949 Ha. Banap land and 14.051 Ha. Agricultural land. Out of 22 Ha land, 12.676 Ha land is situated in Jharkot, 3.874 Ha in Chattikhet and 5.450 Ha in Gurguchha village and remaining land shall be used for non mining purpose. Maximum permissible volume should be 30,000 Ton/annum.	The Mine Lease Area of Soap stone is 22.0 Ha. The Extraction of Soap Stone is 30,000 Ton/Annum which is the maximum permissible volume. Actual Production from 1 st Oct,2016 to 15 th June,2017 is 5803.88 Ton.
2	Legal status of the mining lease area shall remain unchanged and the Environmental Clearance is being granted only for the lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal.	Legal status of the mining lease area shall remain unchanged during the lease period.
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 beach mark will be established to monitor depth of the mining. The area shall be fenced by barbed wire.	The boundary of the mined lease area is demarcated on ground by erecting pillars, each inscribed with its serial number.
4	The mining shall be carried out by open cast pit semi mechanized method without adopting drilling and blasting operation.	The mining has been done by opencast semi mechanized method and no drilling / blasting is being done.
5	Soapstone mining shall be carried out during sunrise to sunset period only. The mining shall be done from lower level to higher level & from liger level to lower level depending upon site condition forming terraces along contours. It shall not involve felling of trees and clearance of vegetation.	Yes, We are complying.
6	Mining shall be permissible from 1 st October of every year to 15 th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season.	Mining is being done in specified period only.
7	Mining shall be done in three pits and the pits should be developed in such manner that at the time of monsoon the mining benches will act as terraces for cultivation of the land the benches shall have height 3 meters and depth more than 3 meters. The ultimate pit slope should be kept at 45 degree	Mining is being done in Two pits and the pits are developed in such a manner that that during monsoon the mining benches will act as terraces for cultivation of the land.
8	The Mined material will carried by mules to the road side Sprinkles of water should be done through sprinkles the tank	The Mined material is carried by mules to the road side. Sprinkling of water as being

	provided for it.	regularity done through sprinkles.
9	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 meters. Mining beyond 6 meter shall be granter after site visit by SEAC.	Complied. The maximum permissible depths for mining of soapstone are not exceeding 6 meter or depth of ground water table.
10	Reclamation of the mine lease area shall be through back filing 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 and handed over to cultivators finally back filling shall be done in a retreating manner from lower level to upper level & from upper level to lower level as per site condition. Mining activity and back filing shall be done simultaneously once space is available.	We will comply as per the approved mine closure & mine plan. The Mine Plan is approved vide order No 614(2)/MPA-223/13 DDN Dated 09/07/2013.
11	The dump site shall be kept away from the nearby nallaha/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. The construction of toe will check dam and planting of grass species/soil binding dwarf species in dump yard shall be done.	Dump site is kept away 100 meters from the water bodies & we will construct toe wall for the protection of the water bodies (nallahas / river stream).
12	Over burden shall be stacked at earmarked dump sites only and shall not be kept active for long period. The maximum height of the dump shall not exceed 10 meter and overall slope of the dump shall not exceed 28°.	Over burden is being stacked at earmarked at earmarked dump sites only and will not kept active for long period. The maximum height of the dump is not exceeding 10 meters and overall slope of the dump is also not exceeding 28°.
13	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, temporary soil dump and mineral dumps to prevent run off of water and flow sediments directly into the agricultural fields, rivers and water bodies. The water so collected should be utilized for watering the mine area, road, green belt development and maintained property.	Catch drains and siltation ponds of appropriate size are constructed around the mine working, temporary soil dump and mineral dumps to prevent run off of water and flow of sediments directly into the agricultural fields, river and water bodies. The water so collected is utilized for watering the mine area, roads, green belt development and maintained properly.
14	The machinery used in mining shall have adequate acoustic enclosures complying with CPCB Norms.	The machinery used in mining is having adequate acoustic enclosures complying with CPCB Norms.
15	The project proponent shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minerals. There shall be no over loading of vehicles as against standard norms fixed by Central Government / State Government / Hon'ble Courts from time to time.	The project proponent is strictly adhering to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minerals. There is no over loading of vehicles as against standard norms fixed by Central

		Government / State Government / Hon'ble Courts from time to time
16	Transportation of material shall be done by covering the trucks with tarpaulin so that no spillages of material / dust take place.	Transportation of material is being done by covering the trucks with tarpaulin so that no spillage of mineral / dust take place.
17	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	The unit is implementing suitable conservation measures to augment ground water resources in the area.
18	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.	The unit is maintaining record of the quantity of soapstone extracted during one season. Total Production From 1 st October 2016 to 15 th June 2017 is 5803.88 Ton
19	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.	There is no labour camp in the mining lease area and are provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land.
20	At forestation shall be carried out in Van Panchayat as identified by DFO Bageshwar. Quality planting material has to be used during plantation as per standards of State Forest Department. The species selection shall be site specific and cater to the demand of the Van Panchayat. The concerned official to State Forest Department shall ensure the compliance. Plantation will be maintained for five years at least by the Van Panchayat and the expenditure will be born by the proponent.	At forestation shall be carried out nearby Van Panchayat and selection of species and cater for plantation to nearby Van Panchayat with the consultation of local DFO. We have Planted 250 saplings of the local species in Van Panchayat. Survival rate is 60%.
21	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.	Agreed. It shall be done with the consultation with Geology and Mining Department.
22	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.	Agreed project proponent is providing all safety measures for labour force engaged in accordance with relevant Acts/Rules.
23	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 Zoze in the mine lease area i.e. the distance from Naiiahs/Water Bodies.	The project proponent has prepared the plan of mining in conformity with the mine lease conditions and the rules prescribed in this regard.
24	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	Safeguard measures such as regular water sprinkling is being carried out in the critical areas such as at loading and unloading point and all transfer points. The ambient air quality data will be submitted later.

	prescribed by the Central Pollution Control Board in this regard.	
25	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing in 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 States Ground Water Authority and the data thus collect may be sent regularly to the Ministry of Environment and Forests 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 ground water table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	Regular Monitoring is carried out in and around the mine lease area by the approved labs of MOEF.
26	Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at location of nearest human habitation (including school and other public amenities located nearest to sources of dust as applicable) and quarterly report should be submitted to Regional Office MoEF & CC, Dehradun, UEPPCB, Dehradun and this office.	Regular Monitoring is done by the project proponent/ UEPPCB at the Mining Area and nearby human habitation and test reports are submitted with the compliance report. Monitoring is also done by The UEPPCB
27	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.	Yes, we are Complying.
28	The project proponent will ensure suitable actions as agreed during public hearing.	Yes, we are complying.
29	Action plan with respect to suggestions and recommendation made during public hearing (as agreed) shall be submitted to Regional Office and this office within Six months.	Yes, already submitted.
30	A final mine closure plan shall be submitted to the Regional Office of the MoEF & C.C, 5 years in advance of the final mine closure for approval.	Yes, complied and mine closure plan is already submitted.
31	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.	Yes, we are complying.
32	The above environmental safeguards shall be implemented in letter and spirit. The project proponent shall establish Environmental Monitoring Cell and also submit six monthly compliance reports to this Authority and regional office of MoEF, Govt. of India at Dehradun.	Yes, we agree and six monthly compliance reports are submitted to Authorities.
33	The SEIAA reserves the right to include additional safeguard measures if found necessary and also to take action including revoking of the EC granted under provision of EIA Notification	Agreed.

2006. This EC is being granted subject to compliance of Hon'ble Court orders issued from time to time.	
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Entire Operation

1.	The Environmental Clearance is being granted for mining/extraction of soapstone in the approved Mine Lease Area. Legal status of the mining lease area shall remain uncharged and the Environmental Clearance is being granted only for the lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal.	The mine lease area of soap stone is 22.0 Ha. The extraction of soap stone should not exceed 30,000 Ton/annum which is the maximum permissible volume.
2.	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. However authority may also visit the site in operational phase whenever it is found to be necessary. Maximum permissible volume should be 30,000 MT / annum.	Complied. The maximum permissible depth for mining of soapstone are not exceeding 6 meter or depth of ground water table.
3.	Mining shall be permissible from 1 st October of every year to 15 th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season.	Mining is being done in specified period only.
4.	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 from lower level to upper level & from higher level to lower depending upon site condition. Mining activity and back filling shall be done simultaneously once space is available.	We will comply as per the approved mine closure & mine plan.
5.	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. The construction of toe wall check dam and planting of grass species/soil binding dwarf species in dump yard shall be done.	Dump site is kept away 100 meters from the water bodies & we will construct toe wall for the protection of the water bodies (nallahs /river stream)
6.	The project proponent shall undertake transportation of mineral from pit head to read 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.	The project proponent is strictly adhering to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minerals. There is no over loading of vehicles as against standard norms fixed by Central Government / State Government Hon'ble Courts from time to time.
7.	The project proponent shall regulate and maintain record of	The unit is maintaining record of the quantity

the quantity of soapstone extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time.

of soapstone extracted during one season.