



REGIONAL OFFICE
C.G.Environment Conservation Board
5/32 Banglow, Bhilai, District- Durg (C.G.)

No. 2943 /RO/TS/CECB/2017
To,

Bhilai, Dated: 29/12/17

M/s Ajay Singh Stone Cursher(Mining Unit 0.85 ha.)
Propl Shri Ajay Singh
Village- Gudhiyari, Tehsil- Patan
District- Durg (C.G)

Sub: Grant of consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

Ref: Your Application No. 553041 dated 16.10.2017 and subsequent corresponding ending dt. 28.12.2017
-000-

With reference to your above application consent & license are here by granted for one year from 01/09/2016 TO 31/08/2017 and stand renewed up to 31/08/2021, Subject to the fulfillment of the following terms and condition with expanded capacity. :

This consent is valid for following products & production capacity: -

Name of Product	Production Capacity
Mining of lime Stone	5000 M. T./Year (Five thousand metric tonnes per year)

Note:- This consent issued vide letter No. 1289 dt. 04/11/2008 shall be treated as cancelled from the date of issue of this letter.

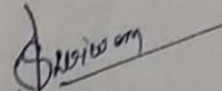
Conditions: -

1. Total mines lease area not more than. 0.85 hectare.
2. Industry shall adhere to the stipulating incorporated in the Environmental Clearane issued by the Ministry of Environment and Forests, Government of India vide letter No.264/DEIAA/EC/Mine/Durg dated. 21.08.20017.
3. Industry shall install adequate air pollution control equipments at all point sources of Air pollutants emission. Drills shall be wet operated with dust extractors. Industry shall provide adequate and effective air pollution control arrangements to control the fugitive emission in the material handling plant, drilling and blasting operations, all transfer points during transportation, loading/un-loading of lime stone over burden etc. and other mining activities.
4. Ambient air quality at boundary of industry premises shall conform to the following limits.
 - a. Particulate Matter(PM₁₀) - 100 Microgram/m³
 - b. Sulphur Dioxide (SO₂) - 80 Microgram/ m³
 - c. Nitrogen Oxide (NO_x) - 80 Microgram/ m³

- d. Carbon Mono-oxide (CO) - 4000 Microgram/ m³
5. Adequate measures for control of fugitive emissions shall be provided such as water spraying arrangements on haul roads, loading and unloading points, and transpiration of minerals, etc. All conveyer belts (conveying system), transfer points, junction points etc. (if any) shall be covered. Industry shall provide adequate arrangement for control of dust emission from transfer points, junction points, conveying systems etc. Fugitive dust emissions from all sources shall be regularly monitored and data recorded properly. Industry shall adopt good house keeping practices. All the internal roads shall be made pucca.
 6. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of lime stone etc. The lime stone shall not be transported in open vehicles to avoid dust emission. Lime stone shall be transported in properly covered (by tarpaulin or other suitable materials) vehicles only and shall not be overloaded.
 7. The solid wastes generated during mining operations and allied activities shall be disposed off by proper scientific methods to avoid any possible pollution/nuisance. Topsoil shall be stacked properly with adequate measures at earmarked sites. It shall be used for reclamation and rehabilitation of the mined out areas. Over burden and other wastes shall be stacked at earmarked sites only and shall not be kept active for long periods of time. Inactive overburden dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff. No over burden or loose sediments shall be kept in working benches particularly during monsoon months. Industry shall obtain authorization under Hazardous Waste (Management and Handling) Rules, 1989 (as amended) from the Board (if required).
 8. Reclamation programme for the mined out area shall be implemented until the end of the life of mine. Land reclamation and backfilling shall be concurrently done. Plantation of native plant and tree species shall be concurrently done. Plantation of native plant and tree species shall be taken up for soil stabilization and for reclamation of the mined out area. Monitoring and management of rehabilitated areas shall continue until the vegetative becomes self-sustaining.
 9. All the slope of external dumps of over burden shall be maintained at a maximum of 28 degree.
 10. The mining activity shall be carried out in such a way so that prime land area may not get degraded.
 11. Industry shall make proper arrangement for the storage of lime stone and shall ensure that there should not be any possibility of pollution.
 12. Industry shall ensure that the blasting and other mining operations shall not cause any damages to nearby settlements (if any). Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.
 13. Industry shall take due precaution and appropriate measures to arrest and minimize vibration and noise effects during mining and allied

- activities. The noise level should not exceed the limit 75 dB (A) during the day time and 70 dB (A) during the night time within the mine lease area. Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment.
14. The adequate measure for safety should be provided for storage, handling and use of explosives during the project period.
 15. Industry shall undertake eco-development measures including community welfare measures in and around the project area for the overall improvement of the environment.
 16. Industry shall follow all the directions and guidelines issued by government for rehabilitation of effected people (if any).
 17. Industry shall obtain statutory clearances/licenses/permissions for concerned Central/State Government Departments, Boards, Bodies and Corporations etc before start of mining activity.
 17. Any change in production/mining capacity, allied activities, process, raw materials used, project profile (mining technology, scope of working, calendar plan, including excavation, quantum of mineral lime stone) etc. shall be intimated to the Board and prior permission of the Board shall be obtained for the same. A final mine closure plan, along with details of corpus fund, shall be submitted to the Chhattisgarh Environment Conservation Board five years in advance of final mine closure.
 18. Board may amend/cancel any of the conditions and add new conditions and further stringent the emission limit as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.
 19. This consent is valid for the stated period and has to be renewed every year. Application which annual license fee in this regard shall reach the office 4 months before the expiry of this consent.
- Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board


Regional Officer
C.G. Environment Conservation Board, Bhilai

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REGIONAL OFFICE
C.G.Environment Conservation Board
5/32 Banglow, Bhilai, District- Durg (C.G.)

No. 2942 /RO/TS/CECB/2017

Bhilai, Dated: 29/12/17

To,

M/s Ajay Singh Stone Cursher(Mining Unit 0.85 ha.)
Propl Shri Ajay Singh
Village- Gudhiyari, Tehsil- Patan
District- Durg (C.G)

Sub: Consent of the Board under Section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974.

Ref: Your Application No. 553041 dated 16.10.2017 and subsequent corresponding ending dt. 28.12.2017
-000-

With reference to your above application consent & license are here by granted for one year from 01/09/2016 TO 31/08/2017 and stand renewed up to 31/08/2021, Subject to the terms and conditions incorporated in the schedule annexed here to with expanded capacity.

This consent is valid for following products & production capacity: -

Name of Product	Production Capacity
Mining of lime Stone	5000 M. T./Year (Five thousand metric tonnes per year)

Note:- This consent issued vide letter No. 1288 dt. 04/11/2008 shall be treated as cancelled from the date of issue of this letter.
Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Regional Officer

C.G. Environment Conservation Board, Bhilai



REGIONAL OFFICE
C.G. Environment Conservation Board
5/32 Banglow, Bhilai, District- Durg (C.G.)

CONSENT LETTER

No. 1288/EI/RO/TS/CECB/2017

Bhilai, Dated: 29/12/17

Sub: Consent M/s Ajay Singh Stone Cursher(Mining Unit 0.85 ha.) , Village- Gudhiyari, Tehsil- Patan, District- Durg (C.G) for the discharge of effluent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.

Ref: Your Application No. 553041 dated 16.10.2017 and subsequent corresponding ending dt. 28.12.2017

of M/s Ajay Singh Stone Cursher(Mining Unit 0.85 ha.) , Village- Gudhiyari, Tehsil- Patan, District- Durg (C.G) (expiry date.....)

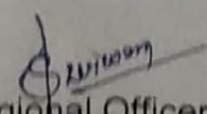
1. With reference to the above application for consent to discharge effluent into the natural water courses under the Water (Prevention & Control of Pollution) Act, 1974, here-in-after referred to as the **M/s Ajay Singh Stone Cursher(Mining Unit 0.85 ha.) , Village- Gudhiyari, Tehsil- Patan, District- Durg (C.G)** is authorized by the State Board to discharge its industrial and other effluents arising out of their premises into the local stream/river/well in accordance with the general and special conditions as mentioned in the Annexure
2. This consent shall be valid for one year from 01/09/2016 TO 31/08/2017 and stand renewed up to 31/08/2021.

This consent is valid for following product & production capacity: -

Name of Product	Production Capacity
Mining of lime Stone	5000 M. T./Year (Five thousand metric tonnes per year)

Note:- This consent issued vide letter No. 1288 dt. 04/11/2008 shall be treated as cancelled from the date of issue of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board


Regional Officer

C.G. Environment Conservation Board, Bhilai

Enclosure: Annexure

(I)

ANNEXURE

M/s Ajay Singh Stone Cursher (Mining Unit 0.85 ha.) , Village- Gudhiyari,
Tehsil- Patan, District- Durg (C.G)
Location of factory:- Khasra No. 18/2(Part), 20/2(Part), P.H.No. 22, Village-
Gudhiyari, Tehsil- Patan, District- Durg (C.G)

Vide consent No. 1898 /EI/RO/TS/W/CECB/ Bhilai Dated 29/12/17

A. GENERAL CONDITIONS: -

1. All discharges authorized shall be consistent with terms and conditions of this Consent facility expansions, production, increases or process Modifications which result in new or increased discharges of pollutants must be reported by submission of a new Consent, application or such new, or increased discharge does not violate the effluent limitations specified in the Consent, by submission to the Board details of such new or increased discharges of pollutants in which case the consent may be modified to specify effluent limitations for any pollutants not identified and limited here in the discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by the Consent shall constitute a violation of the terms and conditions of the Consent.
2. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following: -
 - (a) violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
3. Notwithstanding para (2) above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge authorized here in and such standard or prohibition is more stringent than any limitation upon such pollutant in this Consent the Consent shall be revised or modified in accordance with the toxic effluent standard or prohibition that the Board may consider and the applicant shall be so notified.
4. The applicant shall allow the staff of Chhattisgarh Environment Conservation Board and/or their authorized representative, upon the Presentation or credentials:

- (a) To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - (b) To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this Consent.
 - (c) To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent; or
 - (d) To sample at reasonable times any discharge or pollutants.
5. The Application shall at all times maintain in goods working order and operate as efficiently as possible all treatment or control facilities of system installed or used by him to achieve compliance with the terms and conditions of this Consent.
6. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorized any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulation.
7. The Consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any water course.
8. The specific effluent limitations and other pollution controls applicable to the discharge permitted here in are set forth below specific conditions. Also set forth below are self-monitoring and reporting requirements. Unless otherwise specified, the applicant shall submit duplicate original copies of all reports to the Chhattisgarh Environment Conservation Board. Except for date determined to be confidential all such reports shall be available for public inspection at the office of the Chhattisgarh Environment Conservation Board. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provide for in section 42 of the Act.

B. SPECIAL CONDITIONS: -

1. Initial Effluent limitation during the period beginning on the effective date of this consent and lasting until 31/08/2021 discharge from outfalls shall be limited and monitored by the applicant as specified below: -

(a) The following shall be limited by the applicant as specified.

S.No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement	Type of Sample
		Mg/l	Kg/Day	Mg/l	Kg/Day		

Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

In Addition to above discharge shall be limited and monitored as specified below:

S.No	Effluent Characteristic s	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement *	Type of Sample †
		Mg/l	Kg/Day	Mg/l	Kg/Day		

Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

For the purpose of this sub-section, the daily average discharge is the total discharge by weight during the calendar month divided by the number of days in month the production or commercial facility was operating for the purpose of the sub-section the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The PH shall not be less than 5.5 or greater than 9.0

2. Final effluent Limitation: - During the period beginning 1st day of the month of commissioning of the industry and lasting until the date of expiration of this Consent, discharge from the outfalls shall be limited and monitored by the applicant as specified below

(a) The following shall be limited and monitored by the applicant as specified.

S. No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample ...
		Mg/l	Kg/Day	Mg/l	Kg/Day		
1	B.O.D.	--	--	30		Monthly	24 hours Composite
2	C.O.D.	--	--	250			
3	S.S.	--	--	100			
	pH 5.5 to 9.0 Flow : 500 liter/day					Daily	Grab

*

Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

Additionally, outfalls shall be monitored as follows:

- (i) Flow, Temperature and Total solids : One Per Month
- (ii) Grab Samples Maximum discharge temperature above upstream receiving water shall be in accordance with the standard of ISI at 40°C .
- (iii) Uniform as per ISI at 40°C .

The temperature shall be monitored once per month on each outfall. For the purpose of the sub-section the daily average is the total discharge by weight during calendar month divided by the number of days in month that the production or commercial facility was operating for the purpose of this sub-section, the daily maximum discharge means the total discharge by weight during any calendar day.

- (b) The PH Shall not be less than 5.5 or greater than 9.0 for outfalls. The samples are taken as monthly, grab samples.

3. Schedule of Compliance for effluent Limitation:- The applicant shall achieve compliance with the effluent limitation: specified above for discharge from outfalls in accordance with the following schedule:

- (i) Report of Progress : Monthly
- (ii) Completion of final plans by
- (iii) Award of contract of other commitment of financing :
- (iv) Commencement of construction by
- (v) Report of construction progress
- (vi) Completion of construction by
- (vii) Attainment of operational level by

- (c) The applicant shall submit to the Consent issuing Authority the required report of progress or where a specific action is required in (a) above to be taken by a certain date a written notice of compliance or non-compliance with each of the above scheduled dates, post marked not later than 14 days following each elapsed date. Each notice of compliance shall include the following: -

- (1) A short description of the non-compliance.
 - (2) A description of any action taken or proposed by the applicant to comply with the elapsed scheduled requirement without further delay.
 - (3) An estimate of any factors which tend to explain or mitigate the non-compliance, and
 - (4) An estimate of the date, the applicant will comply with the elapsed scheduled requirement and assessment of the possibility that the applicant will meet the next scheduled requirement time.
4. Compilation of monitoring Data
- (a) Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
 - (b) Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet monitoring requirements specified above shall conform to such guidelines. Unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and here it is not specified the guidelines as per standard methods for the examination of Water & Waste Waters 13th Edition of the American Public Health Association, New York U.S.A. shall be used.
 - (c) The applicant shall take samples and measurement to meet the monthly requirements specified above at the location indicated below:

POINT OF SAMPLING

- (i) Outfalls of waste.
- (ii) 100 meters from point to confluence, down stream to river or lake.

5. Recording of Monitoring activities and Results:

- (a) The applicant shall make and maintain records of all information resulting from monitoring activities by this Consent.
 - (b) The applicant shall record for each measurement of sample taken pursuant to the requirements of this Consent the following information:
 - (1) The date exact place and time of sampling
 - (2) The dates on which analysis were performed.
 - (3) Who performed the analysis.
 - (4) The analytical techniques of methods used and
 - (5) The result of all required analysis.
- N*

(c) If applicant monitors any pollutant more frequently as is required as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board, such increased frequency shall be indicated on the Discharge Monitoring Report from.

(d) The applicant shall retain for a minimum of 3 years all records of monitoring activities and result including all records of calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period or retention shall be extant during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by the Central or State Board.

6. Reporting of Monitoring Results:

(a) Monitoring information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring Report form duly filled in and signed, to the Board's office at the following address:

Chhattisgarh Environment Conservation Board

Paryawas Bhawan, North Block, Sector - 19

Naya Raipur (C.G.) 492 002.

(b) Each submitted Discharge Monitoring Report shall be signed as follows:

(i) If submitted by Corporation by a Principal Executive Officer of at least the level of Vice-President or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the discharge Monitoring Report originates,

(ii) If submitted by a partnership by a general partner.

(iii) If submitted by a sole proprietor, the proprietor,

(iv) If submitted by a Municipal, State or Central Government or other public enterprises, by a Principal Executive Officer, ranking elected official commanding officer, or other duly authorized employee.

(c) All information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the three previous calendar months. The first Discharge Monitoring Report shall be submitted for a period ending 60 days from issuance. Thereafter reporting period shall end on the last date of each month. The applicant shall

submit a Discharge Monitoring Report post marked no later than 28th day of the month following each completed reporting period.

7. Limitation of Discharge of Oil Hazardous Substance in harmful quantities: The applicant shall not discharge oil in quantities defined as harmful in regulations. In addition the applicant shall not discharge hazardous substance into natural water course in quantities defined as harmful in regulations promulgated by the Board. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.
8. Limitation of visible Floating Solids and Foam: During the period beginning date of issuance and lasting until the date of expiration of this Consent the applicant shall not discharge floating solids or visible foam.
9. Disposal of Collected Solids:
 - (a) Intake Water Treatment: Solids Sludge, dirt, silt or other pollutant separated from or resulting from treatment of intake or supply waters period to use by the applicant shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, shall fish or other animals collected or trapped as a result of intake water screening or treatment may be returned to water shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water,
 - (b) Waste water Treatment, Solids sludge, filter, backwash of other pollutant removed from or resulting from treatment or control of waste waters shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water.
10. Non-compliance with Effluent Limitations:
 - (a) If for any reason the applicant does not comply with or will be unable to comply with or will be unable to comply with any daily maximum effluent limitations specified in this Consent the applicant shall immediately notify the Consent issuing authority or his designee by telephone No. 2420344, 2425585 and provide the Consent issuing Authority with the following information in writing within 5 days of such notification:
 - (a) Cause of non-compliance

- (b) A description of the non-complying discharge including its impact upon the receiving water.
 - (c) Anticipated the time condition of non compliance is expected to continue or if such condition has been corrected, the duration of non-compliance.
 - (d) Steps taken by the applicant to reduce and eliminate the non-complying discharge and;
 - (e) Steps to be taken by the applicant to prevent recurrence of conditions of not compliance.
- (b) The applicant shall take all responsible steps to minimize any adverse impact to natural waters resulting from non-compliance with any effluent limitation specified in this Consent including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
 - (c) Nothing in this Consent shall be constructed to relieve the applicant from civil or criminal penalties for non-compliance, whether or not such non-compliance is due to factors beyond his control such as equipment break down electric power failure, accident or natural disaster.

Limitation of Batch Discharge.

SPECIAL CONDITIONS

11. Provision for Electric Power Failure: The applicant shall either-
 - (a) No later than certify in writing to the consent issuing authority that applicant has installed or provided for an alternative electric power sources sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent or.
 - (b) No later than 30 days after the effective date of his Consent, certify in writing to the consent issuing authority that upon the reduction, loss, or failure of one or more of the primary sources of electric power to any facilities utilised by he applicant to maintain compliance with the terms and conditions of his consent, the applicant shall halt, reduce or otherwise Control production and/or all discharges in order to maintain compliance with the terms conditions of this Consent.
12. Prohibition of By-pass of Treatment Facilities: The diversion or by-pass of any discharge from facility utilised by the applicant to

maintain compliance with the terms and conditions of this Consent is prohibited except:

- (i) Where unavoidable to prevent loss of life severe property damage, or
- (ii) Where excessive storm drainage or run of f would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

13. Spill Prevention and Containment Plan: Within 90 days of the effective date of the Consent the applicant shall prepare and submit to the consent issuing authority; a Spill Prevention; Containment and Countermeasure Plan for the facility covered by this Consent. Such plan shall include the following information and procedures relating to the prevention of spills and unauthorized discharges or oil and hazardous substances;

- (a) A description of a reporting system to be used to notify immediately persons responsible for management of a facility and appropriate State and Central authorities;
- (b) A description of equipment or facilities (including overall facility) for the prevention, containment of spills and unauthorized discharge;
- (c) A list of all oil and hazardous materials used processed or stored at the facility including the normal quantity maintained on the premises for each listed material;
- (d) A brief description of any spills or unauthorized discharge which occurred during the 36 months period preceding the effective date of this Consent and subsequent measures taken by the applicant or reduce the possibility or further spills or unauthorized discharges; and.
- (e) An implementation schedule for additional equipment or facilities which might be required for sub para (b) above but which are not yet operational.

Additional Conditions:

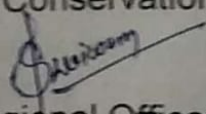
SPECIAL CONDITIONS

1. Total mine lease area not more than 0.85 hectare.
2. Industry shall adhere to the stipulating incorporated in the Environmental Clearance issued by the Ministry of Environment and Forests, Government of India vide letter No.264/DEIAA/EC/Mine/Durg dated, 21.08.20017.
3. Industry shall provide adequate facility for proper treatment of industrial effluent (including washing effluent and domestic effluent) as well as for mine discharge water (if any). Industry shall ensure that the treated effluent quality meet the standards prescribed by Board published in Gazette Notification dated 25.03.88. Chhattisgarh Environment Conservation Board may further stipulate stringent limit depending upon environmental conditions.
4. Industry shall provide suitable arrangement of drains/pipe networks to ensure adequate flow for full utilization of treated effluent inside the mining lease area. Treated effluent shall be recycled for mine operations.
5. Industry shall provide water-metering arrangement for the measurement of water utilized and effluent generated.
6. Industry shall adopt good house keeping practices. All the internal roads shall be made pucca.
7. The lime stone shall not be transported in open vehicles to avoid dust emission lime stone shall be transported in properly covered (by tarpaulin or other suitable materials) vehicles only and shall not be overloaded.
8. The solid wastes generated during mining operations and allied activities shall be disposed off by proper scientific methods to avoid any possible pollution/ nuisance. Topsoil shall be stacked properly with adequate measures at earmarked sites. It shall be used for reclamation and rehabilitation of the mined out areas. Over burden and other wastes shall be stacked at earmarked sites only and shall not be kept active for long periods of time.
9. Reclamation programme for the mined out area shall be implemented until the end of the life of mine. Land reclamation and backfilling shall be concurrently done. Plantation of native plant and tree species shall be concurrently done. Plantation of native plant and tree species shall be taken up for soil stabilization and for reclamation of the mined out area. Monitoring and management of rehabilitated areas shall continue until the vegetative becomes self-sustaining.
10. Industry shall adopt rainwater-harvesting technique in mining premises for recharges of ground water before onset of monsoon.
11. The mining activity shall be carried out in such a way so that prime land area may not get degraded.

12. Industry shall make proper arrangement for the storage of lime stone and shall ensure that there should not be any possibility of water pollution due to carryover of mineral with storm water.
13. Industry shall ensure that the blasting and other mining operations shall not cause any damages to nearby settlements (if any). Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.
14. Extensive tree plantation shall be done in and around mining lease area lime stone. The entire mined out area shall be afforested. Plantation shall also be raised along the roads, dumpsites etc. This includes a wide green belt all around the mining lease area and active mine area by planting native plant species in consultation with local DFO/Agriculture Department. At least 2000 plant species/ha shall be planted. The tree plantation shall be carried out in phase manner preferably with local species. Conservation measures for protection of flora and fauna in the core & buffer Zone shall be drawn up in consultation with the local forest and wildlife department.
15. The adequate measure for safety should be provided for storage, handling and use of explosives during the project period.
16. Industry shall undertake eco-development measures including community welfare measures in and around the project area for the overall improvement of the environment.
17. Any change in production/mining capacity, allied activities, process, raw materials used, project profile (mining technology, scope of working, calendar plan, including excavation, quantum of mineral lime stone) etc. shall be intimated to the Board and prior permission of the Board shall be obtained for the same. A final mine closure plan, along with details of corpus fund, shall be submitted to the Chhattisgarh Environment Conservation Board five years in advance of final mine closure.
18. Board may amend/cancel any of the conditions and add new conditions and further stringent the emission limit as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

This consent and the authorization to discharge shall expire on midnight of on 31/08/2021. The applicant shall not discharge after the date of expiration. The applicant shall submit such information, forms and fees as required by the Board not later than 180 days prior to the above date of expiration.

By authority of Chhattisgarh Environment Conservation Board


Regional Officer

C.G. Environment Conservation Board, Bhilai