



SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/Env/S.K. Mine/2021-22/ 9989

Date: 20/11/2021

To,
The Deputy Director General of Forests (C),
Ministry of Env., Forest and Climate Change,
Integrated Regional Office, Jaipur,
A-209&218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur - 302004, Rajasthan

Sub: Six monthly compliance report of Environmental Clearance letter of of Sheopura-Kesarpura Limestone Mines (Captive Mine of M/s Shree Cement Limited) located at village Sheopura and Kesarpura, Tehsil-Masuda, District Ajmer (Rajasthan). For the period of April, 2021 to September, 2021.

Ref: - Environment Clearance letter No. J-11015/170/2004-IA-II (M) dated 31/3/2005.

Dear Sir,

With reference to above referred letter, please find herewith compliance report of conditions stipulated in the Environment Clearance for limestone production from Sheopura Kesarpura Limestone Mines by M/s Shree Cement Limited. Dully supported with relevant annexures in hard & soft by email. This compliance report is submitted for the period from April, 2021 to September, 2021.

This is for your kind information please.

Thanking you,

Yours faithfully,

For Shree Cement Limited

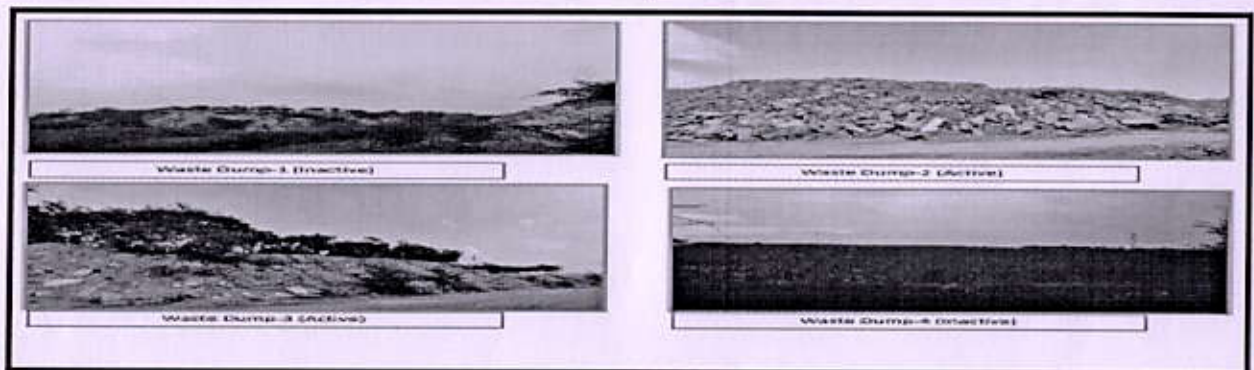
(Dr. Anil Kumar Trivedi)
Sr. G.M. (Environment)

- Cc to: -
1. The Director (Mining), Ministry of Environment and Forest, Indra Paryavaran Bhawan, Jorbag Road, New Delhi-110003.
 2. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), Vithal Market, Paryavaran Parisar, E-5 Arera Colony, Bhopal-462003 (M.P.)
 3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan).

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are listed below each name. The names are: Mr. John A. Smith, Mr. James B. Jones, Mr. Robert C. Brown, Mr. William D. White, Mr. Charles E. Black, Mr. Thomas F. Green, Mr. Henry G. Gray, Mr. George H. White, Mr. Frank I. Black, Mr. Edward J. Green, Mr. John K. Brown, Mr. William L. White, Mr. Charles M. Black, Mr. Thomas N. Green, Mr. Henry O. Gray, Mr. George P. White, Mr. Frank Q. Black, Mr. Edward R. Green, Mr. John S. Brown, Mr. William T. White, Mr. Charles U. Black, Mr. Thomas V. Green, Mr. Henry W. Gray, Mr. George X. White, Mr. Frank Y. Black, Mr. Edward Z. Green, Mr. John A. Smith, Mr. James B. Jones, Mr. Robert C. Brown, Mr. William D. White, Mr. Charles E. Black, Mr. Thomas F. Green, Mr. Henry G. Gray, Mr. George H. White, Mr. Frank I. Black, Mr. Edward J. Green, Mr. John K. Brown, Mr. William L. White, Mr. Charles M. Black, Mr. Thomas N. Green, Mr. Henry O. Gray, Mr. George P. White, Mr. Frank Q. Black, Mr. Edward R. Green, Mr. John S. Brown, Mr. William T. White, Mr. Charles U. Black, Mr. Thomas V. Green, Mr. Henry W. Gray, Mr. George X. White, Mr. Frank Y. Black, Mr. Edward Z. Green.

**COMPLIANCE OF CONDITIONS OF ENVIRONMENT CLEARANCE LETTER NO. J-11015/170/2004-IA.II
(M) DATED 31/3/2005 OF SHEOPURA-KESARPURA LIME STONE MINE OF
M/s SHREE CEMENT LIMITED, BEAWAR, AJMER-RAJSTHAN
PERIOD OF COMPLIANCE LETTER: Apr-21 to Sept-2021**

S. No.	Conditions	Compliance Status
A.	Specific Conditions	
i	Top soil shall be stacked properly with proper slope at ear marked site(s) with adequate measures and should be used for greenbelt development.	There is no Top soil. Limestone is exposed on surface. However if interstitial clay is found, is used for green belt development.
ii	OB and other wastes should be stacked at earmarked sites only and should not be active for long periods of time.	OB is being stacked at earmarked dump site only and OB is continuously used for green belt development. There are 04 OB dumps & 01 back filling waste dump. Planation is being done on 02 nos. OB dump for stabilization and 02 nos. OB are in active condition.
	Plantation should be taken up for soil stabilization along the slopes of the dump and reclaimed.	Dumps are made of lumps and boulder materials free from soil and are well stabilized.
	Sedimentation pits should be constructed at the corners of the garland drains. The surface run-off should be de-silted through a series of check dams and drains before final disposal.	Waste dumps are on hill slopes and between valleys forming natural garland drains. Check dams have been constructed for desilting the surface run off. As absence of soil in waste dumps, the silting is negligible.
	OB should be stacked at earmarked external OB dumpsites only in an area of 88 ha within the ML area and shall be a maximum height of 30 m only and consist of 3 benches of 10 m each.	OB is being stacked at earmarked dump site in an area of 88 ha within ML area.
	Ultimate slope of the dump shall not exceed 28 deg. Monitoring and management of rehabilitated dump sites should continue until the vegetation becomes self-sustaining.	The benching is being done in such a way that at the time of maturity of the waste dump the ultimate slope of dump will be around 28 degrees.
	Compliance status to be submitted to MOEF Delhi/Lucknow on yearly basis.	Six monthly compliance status is being regularly submitting to MOEF Delhi and Lucknow.

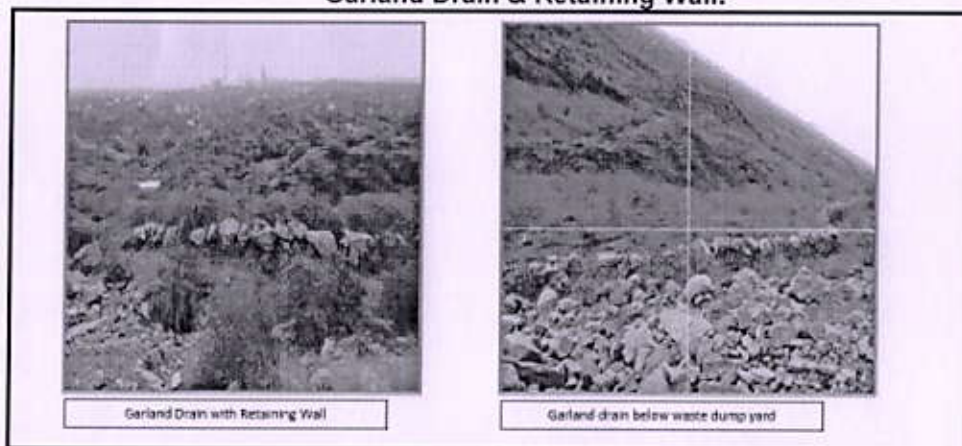


BACKFILLED AREA WITH PLANATION



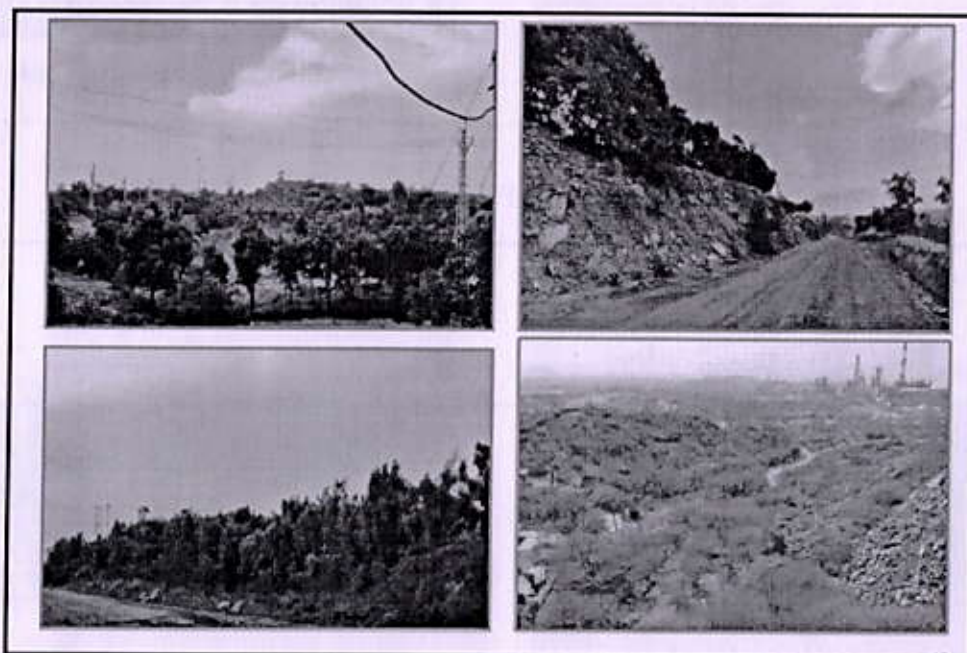
iii	Catch drains and siltation ponds of appropriate size and check dams should be constructed to arrest silt and sediment flows from the mining operations. The drains should be regularly desilted and maintained properly.	Excavation due to mining operation is similar to an open pit surrounded by hanging wall, foot wall and working faces. There is no out flow from pit.
	Garland drain (size, gradient & length) shall be constructed for both mine pits and for waste dumps. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains.	Garland drain at waste dump is made. There is no out flow from the pit, hence it is not required. Bottom benches are acting as sump of quite high capacity adequate for peak sudden rain fall. Already 8 benches have been opened. All rain water collected in pits is used in mining activities & plantation.

Garland Drain & Retaining Wall:

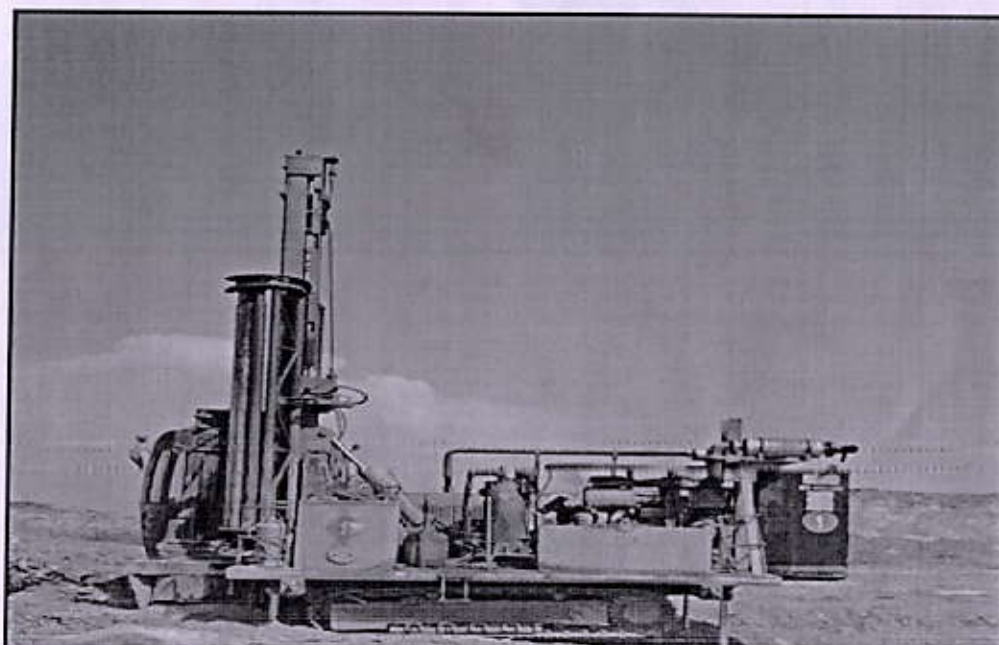




iv	Plantation and Green belt should also be raised all around ML area, OB site and road side etc covering total area of 158 ha by planting native plant species in consultation with local DFO/ Agriculture Department. At least 2000 plant species/ha should be planted.	Plantation has been done on stabilized OB dump, road sides and on other parts of non-mineralized ML area and it is in progress. 90005 trees have been planted in 60.4 hectare area till March-2021 Plantation photographs attached as under:
v	Drills should be wet operated.	Wet drilling is being done. Wet drilling photograph attached as under:
vi	Controlled blasting should be practiced and only during day time. The mitigative measures for control of ground vibration to arrest the fly rocks and boulders should be implemented.	Controlled blasting is being done by using shock tube detonators. With this, there is reduction of noise, vibration and fly rock due to blasting.
vii	It should be insured that the higher benches of the excavated pit/voids covering an area of 160 ha and being converted into water reservoir are terraced to make the slope gentler and plantation done to stabilize the slopes. Peripheral fencing shall be done along the excavated area.	Higher benches constructed into water reservoir are terraced. Peripheral fencing has been done.

Plantation Photographs:

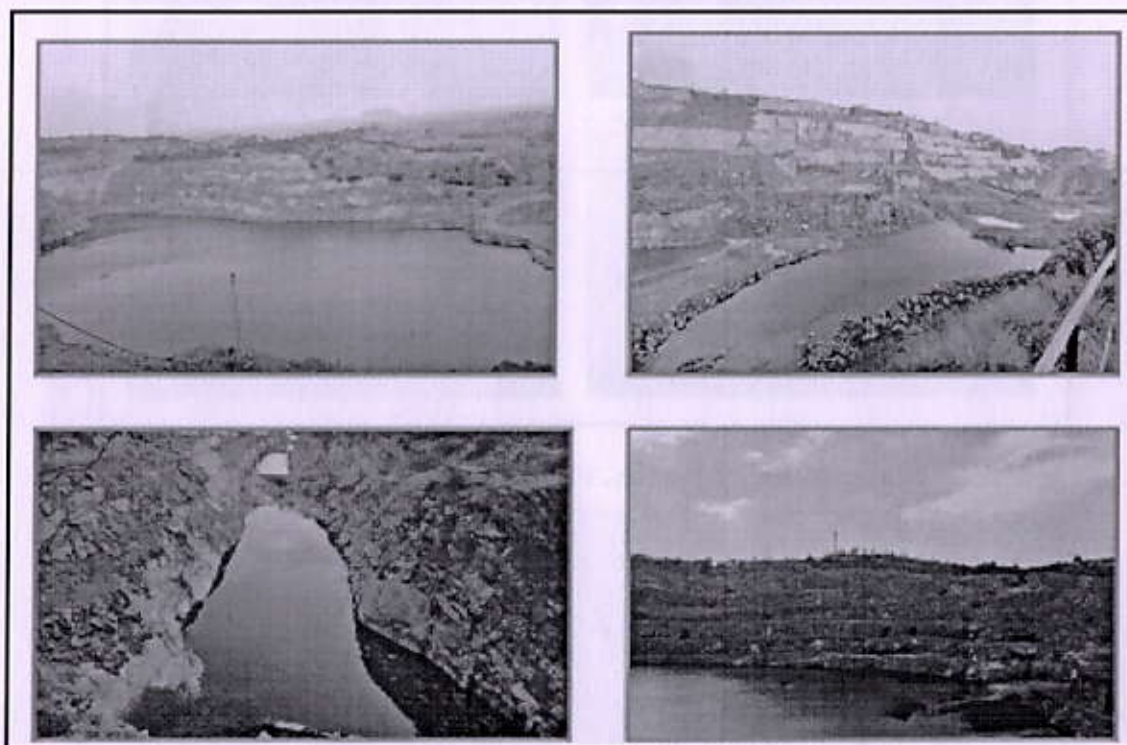


WET DRILLING PHOTOGRAPHS




S.No.	Conditions	Compliance Status
viii	Measures for rain water harvesting and recharge of water table within the lease area shall be undertaken in consultation with the SGWB/Regional office of the CGWB.	<p>5 numbers of check dams have been constructed to arrest rain water and recharge ground water table. Surface water flow near the pit has been diverted towards the pit and this accumulation recharges ground water table. The compliance report of the same along with photograph has been submitted vide dated 22/10/2005.</p> <p>Photographs are attached as under:</p>   <p>Check dam photograph</p>

Mines Water Pit Photographs



ix	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new peizometers at suitable locations in project area. The frequency of monitoring should be at least four times a year - pre-monsoon (April/May), monsoon (August), post-monsoon (November), and winter (January) seasons for groundwater level and in May for groundwater quality. Data generated from groundwater regime monitoring will be submitted to CGWB, Southern Office on an annual basis.	Water level and quality monitoring network has been established. Monitoring data for the year of 2020-21 have been submitted to the CGWB & MoEF are as under: <table><tr><th>S.N</th><th>Location</th><th>Oct-20</th><th>Nov-20</th><th>Dec-20</th><th>Jan-21</th><th>Feb-21</th><th>Mar-21</th></tr><tr><td>1</td><td>Open well in Anand vihar colony</td><td>6.1</td><td>5.8</td><td>7.2</td><td>7.1</td><td>6.9</td><td>7.2</td></tr><tr><td>2</td><td>Open well Towards village Jhunjhar o ka badiya</td><td>5.2</td><td>3.2</td><td>3.5</td><td>12.6</td><td>10.7</td><td>11.9</td></tr></table>	S.N	Location	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	1	Open well in Anand vihar colony	6.1	5.8	7.2	7.1	6.9	7.2	2	Open well Towards village Jhunjhar o ka badiya	5.2	3.2	3.5	12.6	10.7	11.9
S.N	Location	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21																			
1	Open well in Anand vihar colony	6.1	5.8	7.2	7.1	6.9	7.2																			
2	Open well Towards village Jhunjhar o ka badiya	5.2	3.2	3.5	12.6	10.7	11.9																			
x	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Not applicable as mine is still active.																								
xi	Consent to Operate should be obtained from the SPCB before commencing production.	Following Consents have been obtained from the State Board. 1). Consent to operate S.K. Mines from RSPCB has been obtained vide letter no. F (Mines)/Ajmer (Masuda)/1161(1)/2017-2018/2761-2765 dated 03/07/2017 valid till 31/03/2022. 2). Consent to operate Crusher (800 TPH) has also been obtained from RPCB vide letter No. F(Tech)/Ajmer(Masuda)/5051(1)/2019-2020/1168-1169 dated 09/09/2020 valid till 31/07/2025.																								

COMPLIANCE OF SPECIFIC CONDITION (CONSENT TO OPERATE)



Head Office (Ajmer)
Rajasthan State Pollution Control Board
4, Institutional Area, Indrawati, Jaipur-302 004
Phone: 8142-82296/82297 Fax: 8142-82297

Registered

File No : F(Tech)/Ajmer(Masuda)/5051(1)/2019-2020/1168-1169
Order No : 2839-2021/Rajspcb/19943 Date : 03/07/2021
Sub No : 21237
M/S. Mines Central Limited

Project Name: P.K. No. 11, Masuda, 340 041.

Project Owner: M/S. Mines Central Limited


1. Consent to Operate under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 for your Water Treatment Plant at near Village-Bangpura, Rajasthan, Tehsil-Masuda, District-Ajmer (MCL No. 24/77 (B)).

2. Your application dated 15/11/2018, received on 15/11/2018.

3. In view of the details submitted with your above referred application/ documents for Consent to Operate under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 to carry out the carrying mining activities. This consent is subject to the following stipulations:-

1. That this consent is being granted in terms of MCL Mines Central Limited, a Mine of Major Mineral having MCL No. 24/77 (B) in an area measuring 850.8400 Hectares at near Village-Bangpura, Rajasthan, Tehsil-Masuda, District-Ajmer.
2. That this consent is valid for a period from 01/04/2017 to 31/03/2022.
3. That this consent is valid for the following mining activities:-

Mining	Permitted Mining Capacity
1. Limestone	2,000 MT/Day



Regional Office Bikaner
Rajasthan State Pollution Control Board
Bikaner
Phone: 8142-29811 Fax: 8142-29811

Registered

File No : F(Tech)/Ajmer(Masuda)/5051(1)/2019-2020/1168-1169
Order No : 2839-2021/Rajspcb/19943 Date : 03/07/2021
Sub No : 240
M/S. Mines Central Limited

Project Name: P.K. No. 11, Masuda, 340 041.

1. Consent to Operate under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974.

2. Your application for Consent to Operate dated 15/11/2018 and subsequent correspondence.

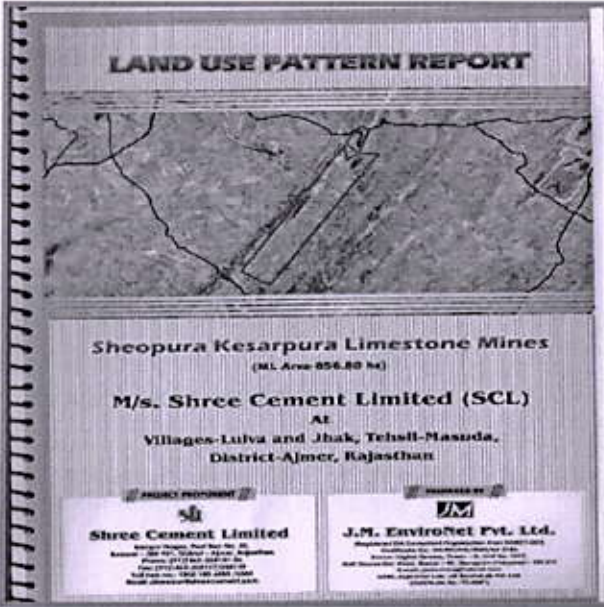
3. Consent to Operate under the provision of section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974/under section 25(1) of the Water (Prevention & Control of Pollution) Act, 1974 to be referred to the State Board for its approval. In view of the fact that the consent is being granted for your Limestone Crusher (800TPH) plant situated at near Village-Lafra (Dist. Bangpura-Rajasthan, Tehsil-Masuda, District-Ajmer) Rajasthan, subject to the following conditions:-

1. That this consent is valid for a period from 01/04/2017 to 31/03/2022.
2. That this consent is granted for manufacturing / producing / storing / or disposing / or carrying out the following activities or operations/ processes or providing following services with respect to your plant.

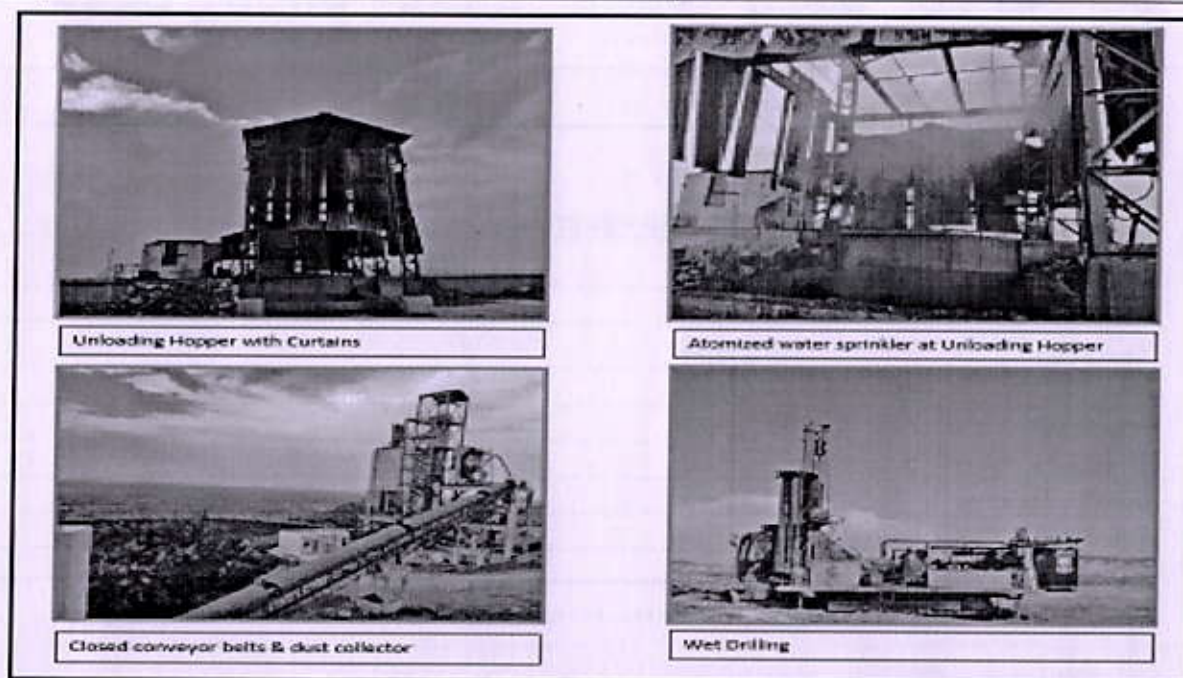
Particular	Type	Quantity with Unit
Limestone	Limestone	2,000 MT/Day

4. That this consent is granted for the mining plant, process & capacity and requires consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in plant.

5. That the quantity of effluent generated along with mode of disposal for the treated effluent shall be as under:-

xii	<p>Digital processing of the entire lease area using remote sensing techniques should be done regularly once in three years for the monitoring land use pattern and report submitted to MOEF & its Regional Office at Lucknow.</p>	<p>Report on Digital processing of lease area using remote sensing technique , imagery collected from Indian remote sensing satellite Resources is attached as under:</p> 
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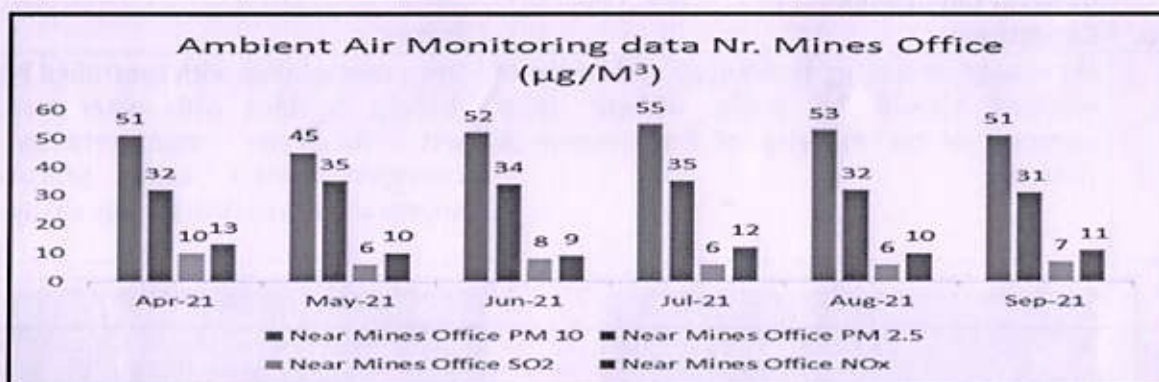
xiii	<p>The Proponent shall earmark a separate fund of 1% of the total project cost subject to a minimum of Rs. 50,000/- for eco development measures including community welfare measures in the project area. The amount shall be deposited by the Company in a separate account within three months to be maintained by the Rajasthan State Pollution Control Board. The action plan in this regard shall be submitted to the SPCB, MOEF and its Regional Office at Lucknow within three months of issue of this letter. After approval of the action plan by the SPCB, the amount deposited shall be released in two installments to the project authorities based on progress of implementation. The SPCB shall ensure that implementation of the action plan for eco-development measures is completed within two years from date of its approval by SPCB. Further, the interest accrued during this period on the amount deposited by the proponent with the SPCB shall be ploughed back to the same eco-development fund.</p>	<p>Rs. 10.64 lacs was deposited in RSPCB Jaipur, copy of the same has already been submitted to MOEF vide our letter dated 16/6/2005 but the same amount has been returned by the RSPCB based on withdrawn of this condition by the ministry.</p> <p>Details of CSR expenditure is as follows:</p> <table border="1"> <thead> <tr> <th>S.N</th><th>Year</th><th>Amount (Lacs)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>2018-19</td><td>974.81</td></tr> <tr> <td>2.</td><td>2019-20</td><td>644.59</td></tr> <tr> <td>3.</td><td>2020-21</td><td>706.32</td></tr> </tbody> </table>	S.N	Year	Amount (Lacs)	1.	2018-19	974.81	2.	2019-20	644.59	3.	2020-21	706.32
S.N	Year	Amount (Lacs)												
1.	2018-19	974.81												
2.	2019-20	644.59												
3.	2020-21	706.32												
B.	General Conditions													
S.No.	Conditions	Status												
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests	Open cast mining, with controlled blasting, wet drilling, crushing with water sprinklers and wet limestone transportation through conveyer belts is being practiced. Prior approval will be taken for any change.												



ii	No change in the calendar plan including excavation, quantum of limestone, waste should be made.	No change in calendar plan has been made; all activities are as per Approved mining plan.
iii	Data on ambient air quality (RPM and SPM) should be regularly submitted once in a year to the Ministry and its Regional office, Lucknow and the Rajasthan State Pollution Control Board / CPCB once in a six month.	Monitoring of ambient air quality is being carried out regularly and monitored data are being submitted to SPCB on quarterly basis and while half yearly to the MoEF & CPCB. Monitored data from Apr-2021 to Sep-2021 are given as under:

Ambient Air Quality Monitoring Data :-
(Period Apr-2021 to Sep-2021) :-

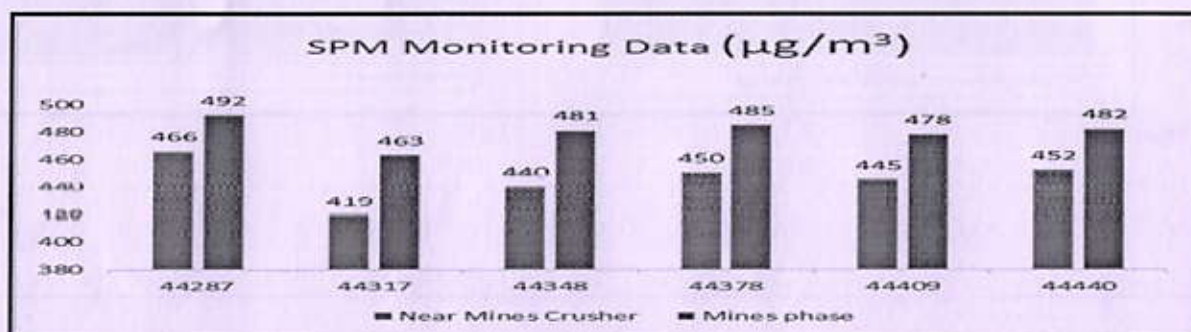
Location → Month ↓	Monitored Result in ($\mu\text{g}/\text{M}^3$)				
	Near Mines Office				
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO
Apr-2021	51	32	10	13	BDL
May-2021	45	35	6	10	BDL
June-2021	52	34	8	9	BDL
July-2021	55	35	6	12	BDL
Aug-2021	53	32	6	10	BDL
Sep-2021	51	31	7	11	BDL



SPM Monitoring Data:-

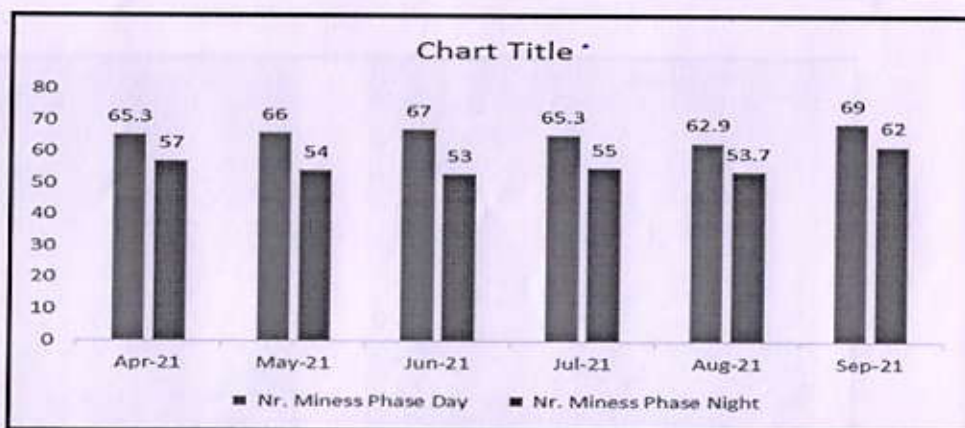
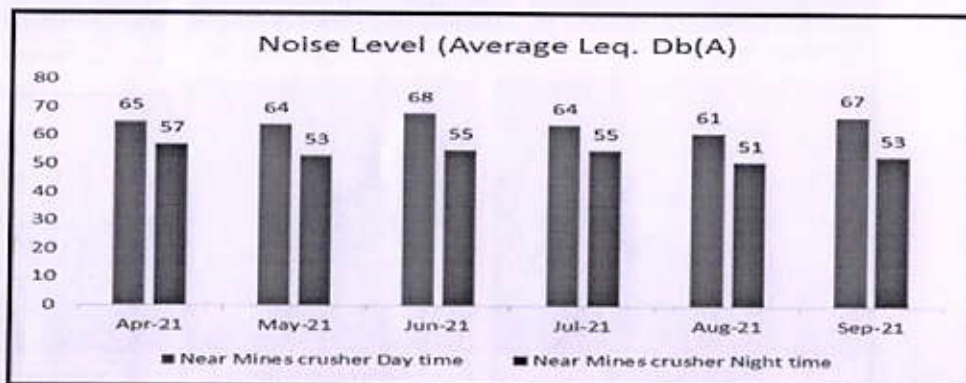
Period Apr-2021 to Sep-2021) :- (All values in $\mu\text{g}/\text{m}^3$)

Location Month	Near Mines Crusher	Mines phase
	SPM	SPM
Apr-2021	466	492
May-2021	419	463
June-2021	440	481
July-2021	450	485
Aug-2021	445	478
Sep-2021	452	482

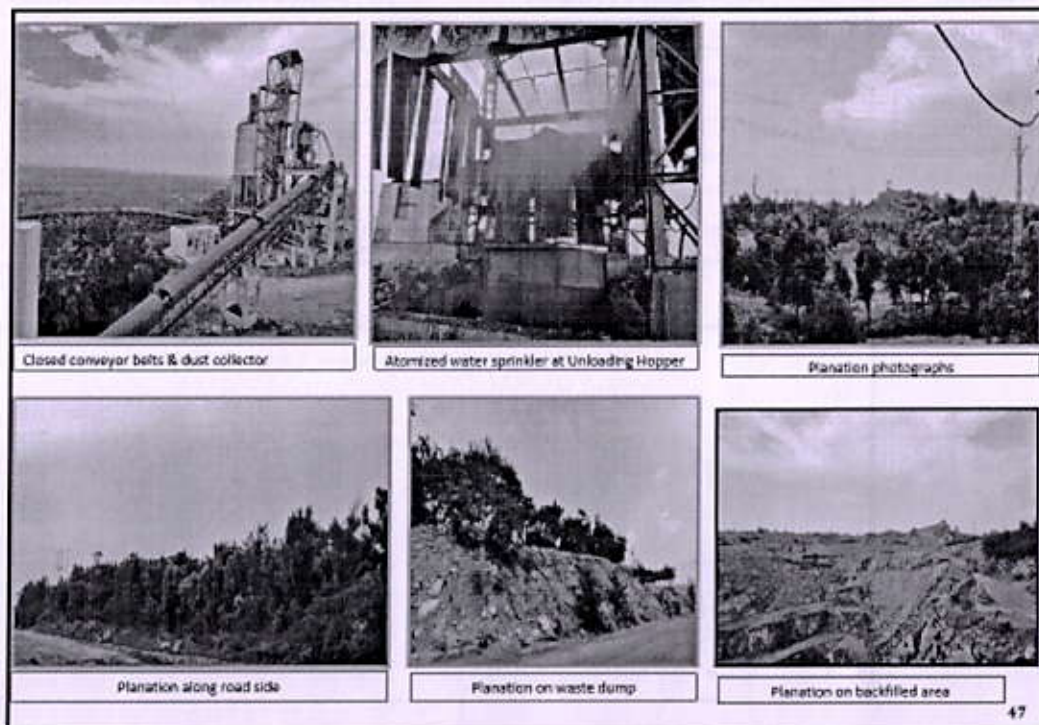


NOISE Level (Average Leq. Db(A) :-

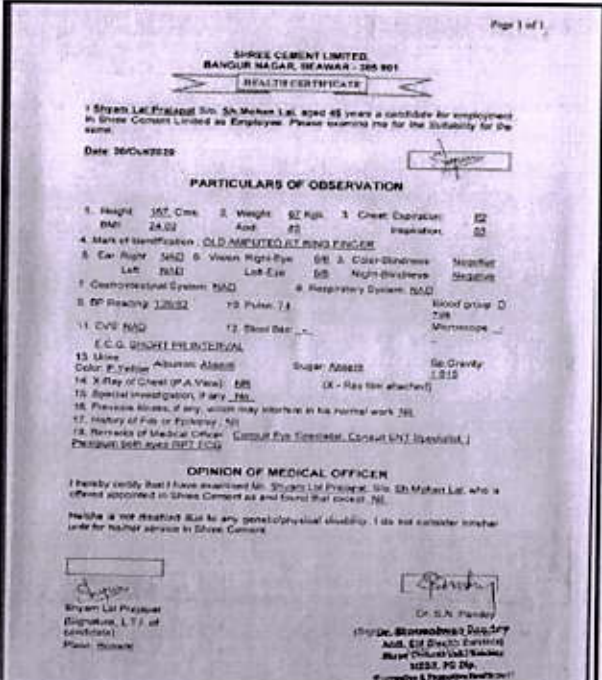
Month	Near Mines crusher		Nr. Mines Phase	
	Day time	Night time	Day	Night
Apr-2021	65	57	65.3	57
May-2021	64	53	66	54
June-2021	68	55	67	53
July-2021	64	55	65.3	55
Aug-2021	61	51	62.9	53.7
Sep-2021	67	53	69	62



iv	<p>Fugitive dust emissions from all sources should be controlled regularly. Water spray arrangement on haul roads, wagon loading, and dump trucks (loading & unloading) should be provided and properly maintained.</p>	<p>Fugitive dust emissions from all sources are controlled regularly by adopting following measures:</p> <ul style="list-style-type: none"> • Water spray arrangement on haul roads and unloading is provided and properly maintained. • All movement road made concreted • Atomized water sprinkler being used for unloading of dumper at crusher. • Good plantation has been done on stabilized OB dump, road side and on other parts of non-mineralized ML area and it is in progress. • Regular maintenance of haul road is done by using road compactor <p>Photographs attached as under:</p>
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v	Adequate measures should be taken for control of noise levels in the work environment.	Adequate measures like regular maintenance of mining equipment's, green belt development and use of personnel protective equipment's are being taken for control of noise levels at the work environment.
vi	Industrial waste water, if any should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time.	Waste water generated from the office toilets is discharged into soak pit via septic tank; clear water is being used for dust suppression.

vii	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contraction due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of all the employees including the workers is being taken up periodically. Occupational health record enclosed as under: 
viii	The funds earmarked for environmental protection measures should be kept in separate account and not diverted for any other purpose. Year-wise expenditure should be reported to this Ministry's Regional office, Lucknow.	Yearly expenditure on EMP is being submitted to the Regional Office regularly. Expenditure incurred during the year of 2019-20 was Rs. 93.64 Lacs. Expenditure for the year of 2020-21 was Rs. 22.90 Lacs.
ix	The Regional Office (CZ) of this Ministry located at Lucknow shall monitor compliance of the stipulated environmental conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	We extend our fullest co-operation to the Officers of the Regional Office and furnish all requisite data time to time and shall extend full co-operation in future also.
x	A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	Copy of the consent letter has been handed over to SURPANCH of village Lulwa and Jhak. The same has been informed to the Ministry vide letter dated 4/7/2005.
xi	The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within 7 days of issuance 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 may also be seen at web site of the Ministry of Environment and forests at http://envfor.nic.in	Published on 07-04-2005 and copy of the same has been sent to Ministry vide our letter dated 11/4/2005.

