

Ref.: JSWCL/3B2/Nagaur/EC Comp./2024-02

Date: 24/05/2024

To

The Deputy Director(s),

Ministry of Environment, Forest & Climate Change, Integrated Regional Office,
A-209 & 218, Aranya Bhawan, Jhalana Institutional Area,
Jaipur (Rajasthan) - 304002

Sub.: Six Monthly Compliance Report of Environmental Clearance for Limestone Mine (Block 3B2, ML Area - 470.00 ha.) with limestone production capacity 3.8 Million TPA, Waste and Topsoil: 4.887 Million M³ per Annum for the period: October-2023 to March-2024 by M/s. JSW Cement Limited. located near Village - Sarasani, Tehsil - Nagaur, District - Nagaur, Rajasthan.

Ref.: Environment Clearance vide F. No.: J-11015/125/2018-IA.II (M) dated 31.08.2020 granted by MoEF&CC.

Dear Sir,

With reference to above, please find attached herewith the Six Monthly EC Compliance Report for the period: October-2023 to March-2024.

We also wish to inform your good office that mining operation was not commenced till 31st Mar'24.

As per the MoEF&CC notification No.: S.O. 5845(E) dated 26.11.2018, we have uploaded the compliance report on Parivesh Portal and the soft copy of the six monthly compliance report is also being sent through email to the following authorities: -

iro.jaipur-mefcc@gov.in; moef@gov.in; monitoring-ec@nic.in; member-secretary@rpcb.nic.in;
cpcb.bhopal@gov.in & ccb.cpcb@nic.in

We hope the compliance is in order.

Thanking you,

Yours Faithfully,

For, M/s. JSW Cement Limited,



(Arvind Kumar Sharma)

AVP - Environment & Authorized Signatory

Encl.: As above

Cc to: -

1. **The Director (M)**, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, Aligang, **New Delhi-110003**.
2. **The Member Secretary**, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, **Jaipur (Rajasthan)-302004**.
3. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD Cum Office Complex, East Arjun Nagar, **New Delhi-110032**.
4. **The Regional Director**, Central Pollution Control Board, Paryavaran Parivesh, E-5, Arera Colony, **Bhopal (Madhya Pradesh)-462016**.

FORM FOR UPLOADING SIX MONTHLY COMPLIANCE REPORT

Proposal Details

Proposal No.	IA/RJ/MIN/8085 6/2018	Project Name	Limestone Mine (Block 3B2, Applied ML Area - 470.00 ha) with limestone production capacity 3.8 Million TPA, Waste and Topsoil: 4.887 Million M ³ per Annum by M/s. JSW Cement Ltd. located near Village - Sarasani, Tehsil - Nagaur, District - Nagaur, Rajasthan - EC Regarding.
Category	Non-Coal Mining	MoEF File No.	AI-J-11015/125/2018-IA-II(M)
Name of the Entity / Corporate Office*	M/s. JSW Cement Limited, JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai, Maharashtra-400051		
Entity's PAN*	AABCJ6731M		
Entity Name as per PAN	JSW CEMENT LIMITED		

Covering Letter: Attached as above.

Reporting Year:	2024	Reporting Period:	October-2023 to March-2024
Remarks (if any)	Submitting the Six Monthly EC Compliance Report for the period: <u>October-2023 to March-2024</u> .		

Details of Production and Project Area: -

Date of Commencement of Project:	01/04/2024	
Land Category	Project Area as per EC Granted (Ha.)	Actual Project Area in Possession (Ha.)
Private Land	344.7758	99.5031
Revenue Land/Govt. Land	116.2742	180.6977
Forest Land	0.0000	0.0000
Others (Grazing Land)	8.9500	8.9500
Total Area (Ha.)	470.0000	289.1508

NOTE: -

1. Mining operation is yet to be commenced. Mineral exploration activity was completed and modification of Mining Plan in under progress in accordance to the point no. 21 of EC.
2. The land data earlier submitted was as per tender document (12/2017) issued by Govt. of Rajasthan i.e.: Govt. Land - 116.2742 ha., Private Land - 344.7758 ha. and Grazing Land - 8.95 ha.
Further the land details (as per revised revenue record) modified during ML execution (04/2023) as Govt. Land - 181.272 ha., Private Land - 279.778 ha. and Grazing Land - 8.95 ha. However, the total land remains the same as 470.00 ha. for the registered Mining Lease.

PRODUCTION CAPACITY

Name of the Product	Units	As per EC granted	Production during last Financial Year
Limestone	Million TPA	3.800	Mine lease was executed on 12/04/2023, mining operation yet to be commenced.
Waste & Topsoil	Million M ³ Per Annum	4.887	Mine lease was executed on 12/04/2023, mining operation yet to be commenced.

Limestone Mine (Block 3B2), ML Area - 470.00 Ha.

M/s. JSW Cement Ltd. located near Village - Sarasani, Tehsil - Nagaur, District - Nagaur, Rajasthan

EC Compliance Report: October-2023 to March-2024

Limestone Mine (Block 3B2, ML Area - 470.00 ha.) with Limestone Production capacity 3.8 Million TPA, Waste and Topsoil: 4.887 Million M³ per Annum by M/s. JSW Cement Ltd. located near Village - Sarasani, Tehsil - Nagaur, District - Nagaur, Rajasthan - EC Regarding.

Environment Clearance vide F. No.: AI-J-11015/125/2018-IA-II(M) dated 31st August, 2020.

Mine lease was executed on 12/04/2023 but mining operation yet to be commenced. Mineral exploration activity completed and modification of Mining Plan is under progress. EC amendment/extension will be obtained as per the stipulation laid in in point no. 21 of EC by approaching the Ministry with detailed exploration report and revised mining plan.

A. SPECIFIC CONDITION				
S. No.	Condition Type	Condition Details	Self-Declaration	Remarks / Reason / Status as on 31st Mar-2024
i.	Miscellaneous	The grazing land may be excluded from the ML area or no mining operations shall be undertaken in grazing land and adequate safety barriers shall be maintained between grazing and mining area throughout the mine life. Proper fencing shall be done surrounding the grazing land in East, North and West directions to prevent cattle from going inside the working area and free access for grazing.	Complied	NOC from Revenue Department of State Govt. has been obtained regarding Grazing land swapping in compliance of LOI. Accordingly, alternate land has been surrendered to the Govt. along with the development fees of INR 3753680/- as prescribed in Rule (7) of Rajasthan Tenancy Act, 1955. An order has been released by the District Collector, Nagaur on 08/09/2023 for change of classification of the grazing land for 8.95 ha. and granted the permission for mining. Copy of the same has already been submitted on 23 rd Nov-23 along with six monthly EC compliance report.
ii.	Miscellaneous	The project proponent shall establish necessary facilities for measurement, treatment and monitoring. The project proponent shall be allowed to withdraw and/or intersect the groundwater table, only after permission from the CGWA.	Agree to Comply	Renewal of NOC for ground water withdrawal has been obtained from the CGWA vide letter No.: CGWA/NOC/MIN/REN/1/2024/9281 dated 19/03/2024 and necessary facilities for measurement, treatment and monitoring will be established post commencement of mining operation.



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और जल संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Jsw Cement Limited		
Project Address:	Jsw Cement Limited (m L Area- 470 Ha)		
Village:	Sarasani	Block:	Nagaur
District:	Nagaur	State:	Rajasthan
Pin Code:			
Communication Address:	Arvind Kumar Sharma (jwp - Environment And Sustainability), M/s. Jsw Cement Limited, 3rd Floor, Jsw Centre, Bandra Kuria Complex, Mumbai, Mumbai, Maharashtra - 400051		
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-a, Jhalana Doongri, Jaipur, Rajasthan - 302004		

1. NOC No.:	CGWA/NOC/MIN/REN/1/2024/9281	2. Date of Issuance	19/03/2024									
3. Application No.:	21-4/12867/RJ/MIN/2019	4. Category: (GWRE 2023)	Over Exploited									
5. Project Status:	Existing Ground Water	6. NOC Type:	Renewal									
7. Valid from:	15/12/2023	8. Valid up to:	14/12/2025									
9. Ground Water Abstraction Permitted:												
Fresh Water		Saline Water		Dewatering		Total						
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year					
		200.00	60000.00									
10. Details of ground water abstraction /Dewatering structures												
Total Existing No.:0						Total Proposed No.:3						
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	0	0	3	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
11. Ground Water Abstraction/Restoration Charges paid (Rs.):												
12. Environment Compensation (if applicable) paid (Rs.):				0.00								
13. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers					Monitoring Mechanism						
						Manual	DWLR**	DWLR With Telemetry				
**DWLR - Digital Water Level Recorder	1					0	1	0				

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

iii.	Miscellaneous	The project proponent shall implement site specific conservation plan for Schedule-I species namely, Indian Peafowl (<i>Pavo cristatus</i>), Chinkara (<i>Gazella bennettii</i>) and Monitor Lizard (<i>Varanus bengalensis</i>) in consultation with the State Forest Department with proposed budget of Rs. 250 Lakhs, as per the recommendation of the Chief Wildlife Warden.	Agree to Comply	Site Specific Wildlife Conservation Plan for Schedule-1 Species to be implemented in phase manner post commencement of mining operation in consultation with State Forest Department.
iv.	Greenbelt	Plantation shall be carried out as per the mining plan both concurrent and closer phase reclamation, inter alia, including plantation all along the boundary (Safety zone-9.70 Ha) of the mining lease shall be completed in 2 years of commencement of mining operations with a saplings of native and broad leaved species of not less than 12 feet, record keeping, gap plantation and grassing as per the directions of the Hon'ble Supreme Court.	Agree to Comply	Mining operation is yet to be commenced. Plantation will be carried out as per the mining plan. Reclamation including plantation all along the boundary of mining lease will be completed in specified timeline from the date of commencement of Mining operation. At present Mineral exploration activity is completed and modification of Mining Plan is under progress. EC amendment/extension as stipulated in point no. 21 will be obtained after modification of Mining Plan.
v.	Public Hearing	The project proponent shall implement the commitments made on the issues raised in PH and activities proposed under CER, in a period of three years and record for the same shall be maintained and audited and reported to the Regional Office of the Ministry along with the compliance reports.	Being Complied	CER activities along with the commitments made on the issues raised in PH are being carried out and implemented and an amount of Rs. 10,18,61,327/- has been spent towards CER/CSR activities till 31 st March, 2024.
vi.	Miscellaneous	Transportation of limestone from mine site to crusher through internal road and then to proposed Cement Plant through Covered Conveyor Belt System (tentative distance of plant from mine is 5 km) and for trading by tippers through public roads.	Agree to Comply	Mining operation is yet to be commenced. Transportation of Limestone will be carried out as per the stipulations laid once the mine is in operation.
vii.	Miscellaneous	Total excavation shall not be exceeded 15.948 MTPA, inter alia, including Limestone Production Capacity 3.8 Million TPA, Waste 12.03 MTPA and Topsoil 0.118 MTPA.	Agree to Comply	Mining operation is yet to be commenced. Total Excavation and Limestone production capacity will not be exceeded in any case once the mine commences its operation.
viii.	Miscellaneous	All the mitigation measures committed / envisaged in the EIA/EMP report and	Agree to Comply	Mining operation is yet to be commenced.

		subsequent submission shall be implemented.		All the mitigation measures committed/ envisaged in the EIA/EMP report and subsequent submission will be strictly implemented.
ix.	Statutory compliance	In pursuant to Ministry's O.M. No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No. 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	Agree to Comply	Mining operation is yet to be commenced. JSW Cement Limited, will strictly abide the directions made by Hon'ble Supreme Court and carryout or undertake re-grassing of the mining area which have been disturbed due to other mining activities and also will restore the land to a condition which is fit for growth of fodder, flora, fauna etc. after ceasing mining operation.
B. STANDARD CONDITIONS: -				
I. STATUTORY COMPLIANCE				
1).	Statutory compliance	The EC granted to the project/activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc. required to be obtained or standards / conditions to be followed under any other Acts/ Rules/ Subordinate legislations etc., as may be applicable to the project.	Agree to Comply	Noted & all approvals/ NOC/ Consents will be obtained as applicable to the project as per statutory requirements/ rules.
2)	Statutory compliance	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.	Agree to Comply	All the statutory requirements and judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 will be complied before commencement of mining operation.
3)	Statutory compliance	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.	Complied	Noted, Concerned State Govt. will ensure the compliance of this condition. Any how this is an auctioned limestone mine block and there is no any compensation levied from our end.

4)	Statutory compliance	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	Agree to Comply	Mining operation is yet to be commenced. JSW will comply with the stipulated conditions post commencement of mining operation.
5)	Statutory compliance	A copy of EC letter will be marked to concerned Panchayat/local NGO etc. if any, from whom suggestion/representation has been received while processing the proposal.	Complied	EC copy had been marked to the concerned.
6)	Statutory compliance	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's Office/Tehsildar's Office for 30 days.	Complied	This condition is not applicable to JSWCL. RSPCB - Regional Office will comply to this condition and has displayed the EC as per EIA notification.
7)	Statutory compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.	Complied	Notice advertisement in newspapers regarding to grant of EC had been published in Rajasthan Patrika and The Times of India on 07.09.2020 and Newspaper publication copies submitted to the concerned authorities and also enclosed below. Copy of the newspapers has been submitted on 23 rd Nov-2023 along with six monthly EC compliance report.
8)	Statutory compliance	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.	Agree to Comply	Noted & will be complied. SW Cement will ensure that , Mining operation will only be carried out after transfer of EC, If there is any change in Ownership or transfer of the Mining Lease.
II.	AIR QUALITY MONITORING AND PRESERVATION			

9)	Air Quality Monitoring And Preservation	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM ₁₀ , PM _{2.5} , NO ₂ , CO and SO ₂ etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.	Agree to Comply	Mining operation is yet to be commenced. JSW Cement Limited will comply with the same post commencement of mining operation.
10)	Air Quality Monitoring And Preservation	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC/ Central Pollution Control Board.	Agree to Comply	Mining operation is yet to be commenced, will comply with the stipulated condition post commencement of mining operation.
III. WATER QUALITY MONITORING AND PRESERVATION				
11)	Water Quality Monitoring And Preservation	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a	Agree to Comply	Mining operation is yet to be commenced and as per the approved mining plan, the mining activity will not intersect the ground water table.

		later stage, then project proponent shall ensure that prior approval from CGWA and MoEF&CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.		
12)	Water Quality Monitoring And Preservation	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
13)	Water Quality Monitoring And Preservation	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly	Agree to Comply	Mining operation is yet to be commenced. We will comply with the stipulated condition post commencement of mining operation.

		showing the trend analysis on six-monthly basis.		
14)	Water Quality Monitoring And Preservation	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Dissolved Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.	Agree to Comply	JSW Cement Limited has not yet commenced its mining operation. At present Mineral exploration activity is completed and modification of Mining Plan is under progress. we will comply with the stipulated condition post commencement of mining operation.
15)	Water Quality Monitoring And Preservation	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.	Agree to Comply	Mining operation is yet to be commenced. We will comply with the stipulated condition post commencement of mining operation.
16)	Water Quality Monitoring And Preservation	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and Grease trap.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
17)	Water Quality Monitoring And Preservation	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
IV. NOISE MONITORING & PREVENTION				
18)	Noise Monitoring & Prevention	The peak particle velocity at 500 m distance or within the nearest habitation, whichever is closer shall be	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post

		monitored periodically as per applicable DGMS guidelines.		commencement of mining operation.
19)	Noise Monitoring & Prevention	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the Villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. project proponents must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
20)	Noise Monitoring & Prevention	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including labourers working in dusty areas shall be provided with protective respiratory device along with adequate training, awareness and information on safety and health aspects. The project proponent shall be held responsible in case it has been found that workers/ personals/ labourers are working without personal protective equipment.	Agree to Comply	JSW Cement Limited will take all the appropriate measures for control of noise levels below 85 dBA in the work environment post commencement of its mining operation.
IV. MINING PLAN				
21)	Mining Plan	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life etc.).	Agree to Comply	Mining operation is yet to be commenced. Mineral exploration activity completed and modification of Mining Plan is under progress. EC amendment/ extension as stipulated in point no. 21 will be obtained after modification of Mining Plan. JSW Cement Limited will carry out all the specified activities as per the approved mining plan.
22)	Mining Plan	The Project shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be	Agree to Comply	Mining operation is yet to be commenced, JSW Cement Limited will carry out all the specified

		raised in the reclaimed area shall be governed as per approved mining plan. Project proponent shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.		activities as per the approved mining plan.
V. LAND RECLAMATION				
23)	Land Reclamation	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB/waste dumps/topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.	Agree to Comply	Mining operation is yet to be commenced. Mineral exploration activity completed and modification of Mining Plan is under progress. JSW cement limited will stack the O.B & Top soil in the ear marked site and will utilise the same for plantation activities without keeping active for a long period of time. All the physical parameters of the OB/Waste Dump and Top soil will be strictly adhered as per approved mining plan.
24)	Land Reclamation	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/Levelling of dump mass. In critical areas, use of geo textiles/ geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
25)	Land Reclamation	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/ Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/River/Pond etc.). The collected water should be utilized for watering the mine area, roads, green	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.

		belt development, plantation etc. The drains/sedimentation sumps etc. shall be de-sifted regularly, particularly after monsoon season, and maintained properly.		
26)	Land Reclamation	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years' data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post commencement of mining operation.
31)	Land Reclamation	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/protected against felling and plantation of such trees should be promoted.	Complied	NOC from Revenue Department of State Govt. has been obtained regarding Grazing land swapping in compliance of LOI. Accordingly, alternate land has been surrendered to the Govt. along with the development fees of INR 3753680/- as prescribed in Rule (7) of Rajasthan Tenancy Act-1955. An order has been released by the District Collector, Nagaur on 08/09/2023 for change of classification of the grazing land for 8.95 ha. and granted the permission for mining. Grazing land will be developed by the concerned Gram Panchayat with the approval of District Collector Office as per the condition no.: 4 mentioned in the order enclosed above specific condition No.: i.
IX. PUBLIC HEARING AND HUMAN HEALTH ENVIRONMENT				
32)	Human Health Environment	Project Proponent shall make provision for the housing for workers/labours or shall construct labour camps within/outside (company owned land) with necessary basic infrastructure/facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The	Agree to Comply	Mining operation is yet to be commenced. Mineral exploration activity completed and modification of Mining Plan is under progress. All the necessary provision/infrastructure facilities for the housing for workers/labours shall be provided during operation of mines.

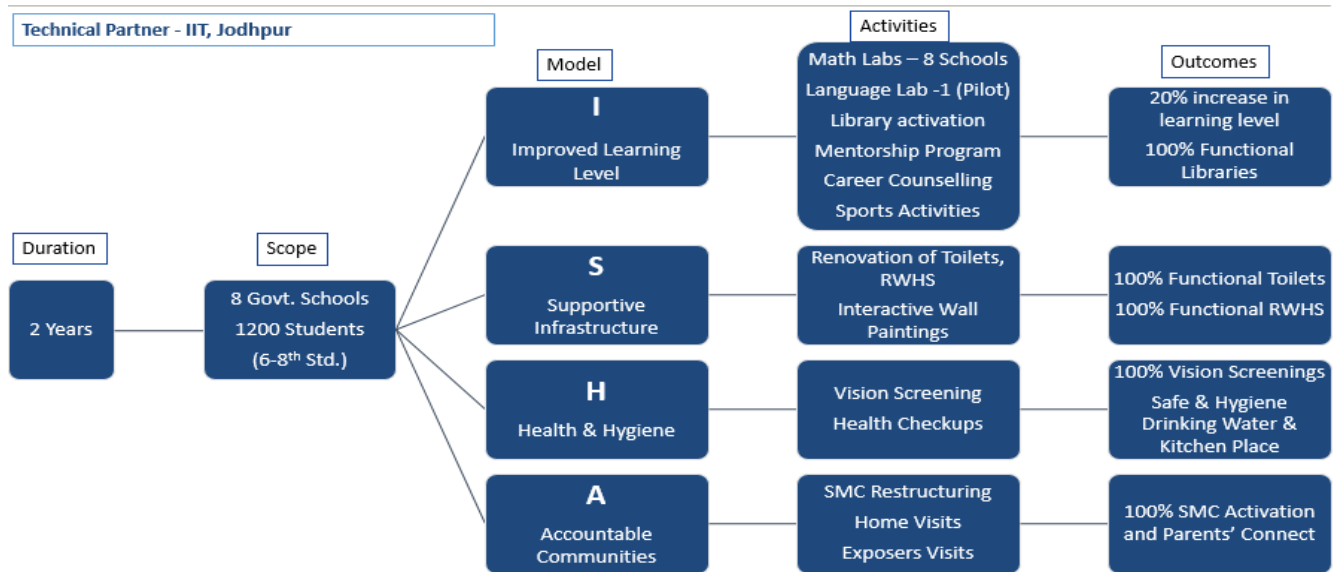
		domestic waste water should be treated with STP in order to avoid contamination of underground water.		
X. CORPORATE ENVIRONMENTAL RESPONSIBILITY (CER)				
33)	Corporate Environmental Responsibility	The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M. No. 22-65/2017-IA.II (M) dated 01.05.2018 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.	Being Complied	CER activities are being carried out at surrounding areas of the mines and an amount of Rs. 10,18,61,327/- has been spent towards CER/CSR activities till 31 st March, 2024. Detailed activity wise CER/ CSR report is given below.

ACTIVITIES WISE CER/CSR REPORT FOR THE FY: 2023-24

Category & Projects

S. No.	CATEGORY	PROJECTS
1	Education	Project " <u>Umang</u> "
2	Healthcare	Project Vision Correction
3	Livelihood	Project " <u>Tarang</u> "
4	Women Empowerment	Project " <u>Bani-Thani</u> "
5	Water	Water Replenishment Activities
6	Rural Infrastructure	Construction & Renovation works
7	Environment	Plantation Drives
8	Sports & Culture	Promotion activities

Project *Umang* (Developing Model Schools in Nagaur by Inclusive & Enhanced Learning Environment)



EDUCATION

Objectives	Activities	Outcome
<ul style="list-style-type: none"> Improve the learning level of students Supportive Infrastructure Promote Health & Hygiene Make communities accountable through the School Management Committee activation 	<ul style="list-style-type: none"> Installation of Math labs through IIT-Jodhpur Orientation of Teachers on Math tools by IIT experts 15 days of winter camp in 2 govt. school Workshops for enhancing reading habits Career guidance sessions in all school Community engagements through Home visits & SMC meetings. Provided Furniture sets and musical instruments 	<ul style="list-style-type: none"> Math tool installed in 3 schools 3 school teachers get oriented by IIT-J experts 500+ math sessions conducted till now 1200 students benefit from career counseling Conducting 50 home visits per month 100% furniture equipped school



Winter Camp



Teacher orientation



Students using the math tool

HEALTH

Objectives	Activities	Outcome
<ul style="list-style-type: none"> Support healthcare facilities Promote Health & Hygiene Vision Screening Initiative Access to primary healthcare facilities 	<ul style="list-style-type: none"> Vision screening of 100% students of all govt. 8 schools Provided free power-glasses to all identified students with vision Repair and Renovation of Health Center Sarasani Blood donation Camp at <u>Bhadana</u> village 	<ul style="list-style-type: none"> A total of 2005 students got enrolled, 1397 OPD and 175 prescribed spectacles and 50 were referred to the hospital. 175 spectacles were distributed to the students. 500 people from the community are getting benefitted from this Health center. 50 units of blood collected during the camp



Blood donation Camp



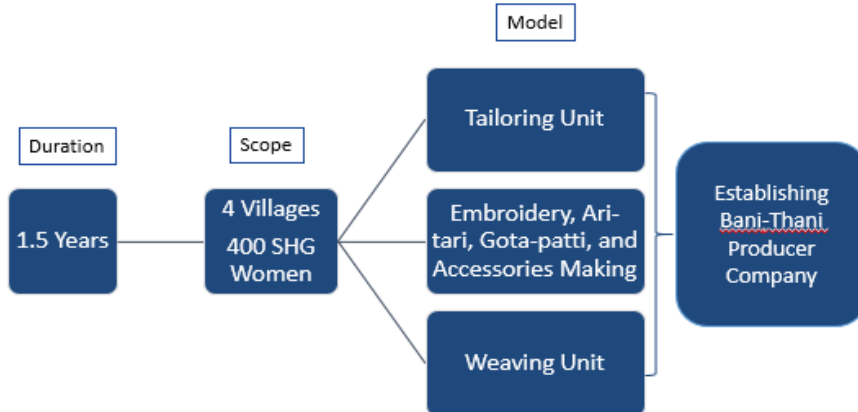
Vision Screening



Spectacles Distribution

Project Bani-Thani (Generating Livelihoods for local women through establishing production units)

Training Partner – COSV Udaipur



Key Features -

- 100% Eco-friendly Products having natural dyes
- Zero Waste Model

Market Linkages -

- B2B
 - ✓ Fab-India
 - ✓ Seasons
 - ✓ Jaypore
 - ✓ Qalara & Mahakala
 - ✓ Japan & Korea
- B2C
 - ✓ Aawran
 - ✓ Kiloj
 - ✓ Tinkara
 - ✓ The Shop
 - ✓ Exhibitions
 - ✓ Cinnamon Boutique Bangalore

LIVELIHOOD-NON FARM BASED

Objectives

- Creating livelihood opportunities for women empowerment.
- Ensured Zero Waste Model for training centers
- Increase awareness about social security schemes through Project Haddarshak

Activities

- Establishing 2 skill development centers with zero model under Project Bani-Thani
- Identification and Screening of Women for training
- Training through professional trainers to develop skills of local women
- Project "Haddarshak" to connect the community with social security schemes like Pensions, Insurance, medical cards, Documents, etc.

Outcome

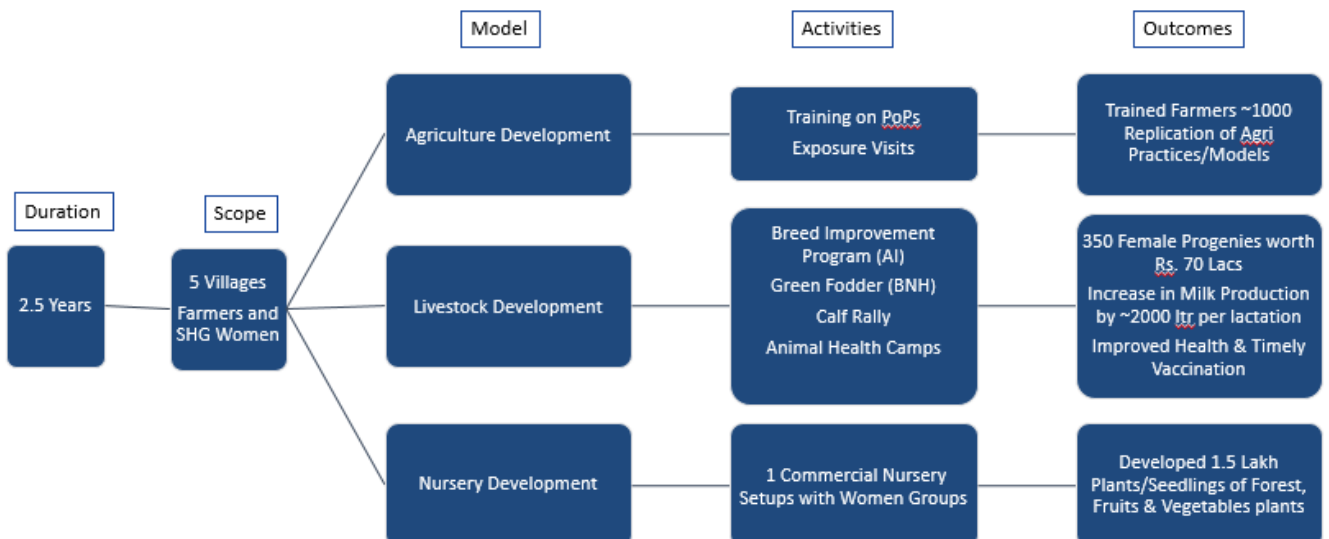
- 400 women would get benefits from this initiative
- 50 women started training in first batch in 2 centers
- 11 Japanese machines and 6 looms are currently functional at both centers
- 2000 applications completed under Project Haddarshak



Bani - Thani Meetings



Project Tarang (livelihood enhancement through livestock development and land-based activities)



LIVELIHOOD - FARM BASED

Objectives

- Enhance the livelihood of Farmers under Agriculture & Livestock development
- Cattle breed improvement
- Establishment of micro-enterprise
- Developing Vegetable Positive villages

Activities

- Initiated Project "Tarang" under Agri and Livestock.
- Village orientation program in all DIZ villages.
- Training on kitchen garden establishment and Pest Management.
- Artificial Insemination (AI) in cattle
- Promotion of Hybrid Grass BHN-11 & BNH -10 for cattle
- Kitchen Garden establishment

Outcome

- 2000 families would get benefits under Project Tarang.
- 4 village orientations were done with the active participation of 148 farmers
- 5 farming training sessions organized benefitting 75 women
- 58 Artificial Insemination (Sorted & Normal)
- 10 nos. of Kitchen garden established



Kitchen Garden Training at KVK



Village Orientation



Training for Nursery Development



Kitchen Garden pet Management session

10

RURAL INFRASTRUCTURE

Objectives

- Support rural Infrastructure
- 100% furniture equipped school
- Empowering communities

Activities

- Provided Furniture & Musical Instrument sets at Govt. sec. School, Sarasani.
- Construction of toilet units for Girls & Boys
- Renovation Of Govt. SS School, Bhadana.
- Renovation Of Anganwadi Center at Sarasani

Outcome

- 260 students benefitted from this initiative
- 200 students benefitted from this initiative
- 500 beneficiaries
- 20 children will be getting better facilities out of this activity.



Anganwadi Center Inauguration



Toilet Unit Inauguration



ENVIRONMENT & COMMUNITY ASSETS

Objectives

- Improve safety and security in the village
- Enhance transport Infrastructure facilities
- Boost greenery and biodiversity
- Raise Environment awareness

Activities

- Installation of solar streetlights in 4 villages
- Repair of CC road at Nagaur Bus Stand
- Plantation Drive with the district Forest department
- Plantation work with tree guards in villages
- Organize World Environment Day with RSPCB, Nagaur

Outcome

- 40 solar lights installed
- 1 premise of Nagaur Depot
- 5100 plantation done in nearby villages
- 1500 plant guards installed to ensure plant protection
- 500 students participated



Solar Lights Installation

SPORTS & CULTURE

Objectives	Activities	Outcome
<ul style="list-style-type: none"> Promote Sports culture talent Strengthen community bonds Encourage Girl's participation in Sports. 	<ul style="list-style-type: none"> Supported Rural & Urban Olympic games at the District level Supported District level cricket tournament at <u>Bhadana Village</u> Supported State level baseball tournament at <u>Nagaur</u> Organized community-level kabaddi tournament at <u>Sarasani village</u>. Provided cricket kit to girls team of govt. SS school <u>Bhadana</u> 	<ul style="list-style-type: none"> 500 players got benefits from Rural & Urban Olympics 150 girls participated in cricket tournament. 200 players benefitted from this initiative. 50 girls received the cricket kit
		

COMMUNITY & STAKEHOLDER ENGAGEMENT

Objectives	Activities	Outcome
<ul style="list-style-type: none"> Cultural Engagement. Empowerment and Gender equality Community cohesion and celebration Engaging with the community. 	<ul style="list-style-type: none"> Supported SVEEP awareness activities at <u>Nagaur</u> for the Parliamentary Election 2024 International Women's Day Celebration with local village women Holi Celebration with local community members Cultural Night sponsored in <u>Ramdeo Pashu Mela, Nagaur</u> 	<ul style="list-style-type: none"> This initiative helped to increase the <u>voting Percentage</u> at the <u>Nagaur Constituency</u>. 500+ active participation in IWD celebration. Women-centric Holi celebration witnessed 50 participants.
		
IWD'24	SVEEP Activities	Cultural Night

MEDIA COVERAGE



पैदा की लक्ष्मी - शहर में आयोजित हुए समारोह, कार्यक्रम समारोह व शक्ति प्रदर्शन के लिए समस्त पैदा केस सुलझाने व अपराधियों पर नकेल कसने वाले 40 जांबाज पुलिसकर्मियों को मिला भास्कर प्राइड अवार्ड।



लक्ष्मी रोग के इलाज के लिए आगे आया जेएसडब्ल्यू

पुलिस प्राइड अवार्ड 2022 का आयोजन जल्द किया जाएगा

महिला दिवस पर प्रिमियर प्रिन्सिपलताओं का हुआ आयोजन



नागौर भास्कर 21-08-2022

जेएसडब्ल्यू सीमेंट व पशुपालन विभाग की ओर से पशु उपचार शिविर आयोजित



जेएसडब्ल्यू सीमेंट ने शहर में पटवार प्रशिक्षण विद्यालय के लिए फर्नीचर सेट प्रदान किए

150 स्वयंसेवक पटवारियों को मिल रहा है प्रशिक्षण, जयराज अम्बर



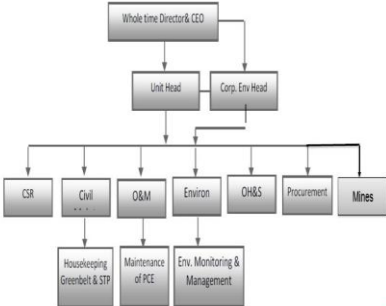
जेएसडब्ल्यू सीमेंट द्वारा सरासनी विद्यालय में किया गया योगदान

महिला दिवस पर महिलाओं की विभिन्न प्रतियोगिताएं आयोजित



महिला दिवस पर महिलाओं की विभिन्न प्रतियोगिताएं आयोजित



XI.	Miscellaneous			
34)	Miscellaneous	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.	Agree to Comply	Mining operation is yet to be commenced. Mineral exploration activity completed and modification of Mining Plan is under progress. JSW Cement Limited will prepare and submit the digital map (land use & land cover) of the entire lease area once in 5 year after commencement of its mining operation.
35)	Miscellaneous	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Agree to Comply	Mining operation is yet to be commenced. 1.Date of financial closures is 10/05/2024. 2.Final approval of the project by the concerned authorities is 10/05/2024. 3.The date of start of land development work: Will be provided after commencement of land development work.
36)	Miscellaneous	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Complied	Six monthly EC compliance report is being submitted to all the concerned authorities on regular basis. Last six monthly EC compliance report was submitted on 23/11/2023 .
37)	Miscellaneous	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.	Complied	A separate Environment Management Cell with a Qualified Environment Person reporting directly to Plant Head has been setup both at unit as well as at corporate level. 
38)	Miscellaneous	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC Officer(s)	Agree to Comply	Noted JSW Cement Limited will extend full cooperation to the MoEFCC Officers by furnishing the requisite data / information /

		by furnishing the requisite data / information / monitoring reports.		monitoring reports during their visits.
39)	Miscellaneous	In pursuant to Ministry's O.M. No. 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 08.01.2020 in W.P. (Civil) No. 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	Agree to Comply	Mining operation is yet to be commenced, we will comply with the stipulated condition post ceasing mining operations.
23.	Miscellaneous	The Ministry or any other competent authority may after/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agree to Comply	Noted and agreed.
24.	Miscellaneous	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attracts action under the provisions of Environment (Protection) Act, 1986.	Agree to Comply	Noted.
25.	Miscellaneous	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court and any other Court of Law relating to the subject matter.	Agree to Comply	Noted and agreed.
26.	Miscellaneous	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Complied	No any appeal against this environmental clearance was made in the NGT by any person or agency.
27.	Miscellaneous	This issues with the approval of Competent Authority.	Complied	Noted.
