

JSW Centre
Opp. MMRDA Ground,
Bandra Kurla Complex,
Bandra (East), Mumbai - 400 051.
Tel : +91-22-4286 1000 Fax : 26502001
Website : www.jswcement.in
CIN :- L26957MH2006PLC160839

Ref.: JSWCL/CP/Nagaur/EC Comp-1st Half/3B2 Mines/2025-26

Date: 29/11/2025

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: April-2025 to Sept-2025 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 subject matter, please find attached herewith the Six Monthly EC Compliance Report for the period: **April-2025 to Sept-2025**. 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 being sent through email to the following authorities: -

iro.jaipur-mefcc@gov.in; moef@gov.in; monitoring-ec@nic.in; cpcb.bhopal@gov.in & ccb.cpcb@nic.in and member-secretary@rpcb.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			
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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:	2025	Reporting Period: April-2025 to September-2025	
Remarks (if any)	Submitting the Six Monthly EC Compliance Report for the period: April-2025 to September-2025		
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	102.1336	
Revenue Land/Govt. Land	116.2742	193.9297	
Forest Land	0.0000	0.0000	
Others (Grazing Land)	8.9500	8.9500	
Total Area (Ha.)	470.0000	305.01336	
NOTE: -			
1. JSW has commenced its Mining operation in Mar-2025. Mineral exploration activity was completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024 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	0.003246
Waste & Topsoil	Million M ³ Per Annum	4.887	0.009249
Note: Mine lease was executed on 12/04/2023 and JSW has commenced its Mining operation in Mar-2025.			

<p align="center">Limestone Mine (Block 3B2), ML Area - 470.00 Ha. M/s. JSW Cement Ltd. located at Village - Sarasani, Tehsil - Nagaur, District - Nagaur, Rajasthan EC Compliance Report: April-2025 to September-2025</p>				
<p>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.</p>				
<p>Environment Clearance vide F. No.: AI-J-11015/125/2018-IA-II(M) dated 31st August, 2020</p>				
<p>Mine lease was executed on 12/04/2023 but mining operation has commenced in Mar-2025. Mineral exploration activity completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPC0LST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024. EC validity extension has been recommended by the EAC of MoEFCC, awaiting for Amended EC Letter as per the stipulation laid in point No. 21 of EC by approaching the Ministry with detailed exploration report and revised mining plan.</p>				
<p>A. SPECIFIC CONDITION: -</p>				
S. No.	Condition Type	Condition Details	Self-Declaration	Remarks / Reason / Status as on Sept-2025
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. We have submitted the copy of the same to the ministry earlier along with EC compliance report. Copy of the NOC letter is attached below.
<div style="text-align: center;"> <p>कार्यालय जिला कलक्टर नागौर</p> <p>क्रमांक प.12(01)(184)राजस्व/2023/ 4155</p> <p>आदेश</p> <p>दिनांक 08-09-23</p> </div> <p>जे.एस.डब्ल्यू सीमेन्ट लिमिटेड को खान विभाग द्वारा स्वीकृत खनन पट्टा लाईमस्टोन ब्लॉक 3-बी-2 निकट ग्राम सरासनी रकबा 470 हैक्टेयर में स्थित चारागाह भूमि में खनन अनुमति चाही जाने पर प्रकरण राज्य सरकार को भिजवाया गया। राजस्व (ग्रुप-3) विभाग के पत्र संख्या प.2(8)राज-3/2020 दिनांक 20.12.22 द्वारा प्रदत्त राजकीय स्वीकृति के अनुसरण में मौजा सरासनी के खसरा नम्बर 203 रकबा 62.7585 हैक्टेयर गै.मु.गोचर में से संलग्न नक्शा खसरा में चिन्हित 8.95 हैक्टेयर भूमि का राजस्थान काश्तकारी (सरकारी) नियम 1955 के नियम 7 के अन्तर्गत वर्गीकरण परिवर्तन कर सिवायचक्र दर्ज किया जाकर जे.एस.डब्ल्यू सीमेन्ट लिमिटेड को निम्न शर्तों के अधीन खनन कार्य की अनुमति प्रदान की जाती है। साथ ही चारागाह भूमि की क्षतिपूर्ति हेतु उक्त कंपनी द्वारा समर्पित निजी खातेदारी भूमि मौजा सरासनी के खसरा नम्बर 691/174 रकबा 0.8579 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 175 रकबा 5.8275 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 759/175 रकबा 0.2736 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 173/532 रकबा 1.0117 हैक्टेयर बा.द्वितीय सम्पूर्ण एवं खसरा नम्बर 173/530 रकबा 0.9793 हैक्टेयर बा.द्वितीय सम्पूर्ण कुल संलग्न खसरा नक्शा में चिन्हित 8.95 हैक्टेयर भूमि को चारागाह दर्ज किये जाने का आदेश दिया जाता है।</p> <p>1. चारागाह विकास शुल्क 50000.00 रुपये प्रति बीघा में वर्ष 2018-19 से 2023-24 तक प्रतिवर्ष 5 प्रतिशत की बढ़ोतरी करते हुए विकास शुल्क राशि रुपये 3753680.00 अक्षरे सैंतीस लाख तिरपन हजार छः सौ अस्सी मात्र जरिए चालान जीआरएन 77865835 दिनांक 06.07.23 द्वारा राजकोष में जमा करवाया जा चुका है।</p>				

2. खनन पट्टा की लीज अवधि समाप्त होने पर उक्त भूमि सिवायचक के रूप में समस्त प्रयोजनों हेतु उपलब्ध रहेगी एवं भविष्य में आवश्यकता होने पर चारागाह के रूप में भी आरक्षित किया जा सकेगा।
3. प्रस्तावित चारागाह भूमि के जमाबन्दी के विशेष विवरण कॉलम में स्वीकृत खनन लीज की समयावधि का विवरण अंकित किया जायेगा।
4. जमा विकास शुल्क का इस कार्यालय के पूर्व अनुमोदन से स्थानीय ग्राम पंचायत द्वारा ग्राम के पशुओं के कल्याण हेतु उपयोग में लिया जा सकेगा।
5. उक्त स्वीकृति माननीय राजस्थान उच्च न्यायालय जोधपुर में विचाराधीन डी.बी.सिविल रिट याचिका संख्या 1138/2022 मंगलाराम व अन्य बनाम राजस्थान राज्य व अन्य के अन्तिम निर्णय के अधधीन रहेगी।

क्रमांक सम/
प्रतिलिपि

1. उपखण्ड अधिकारी, नागौर
2. तहसीलदार, नागौर
3. खनि अभियंता, नागौर
4. प्राधिकृत अधिकारी, जे.एस.सीमेन्ट लिमिटेड, जे.एस.डब्ल्यू सेंटर, बान्द्रा-कुर्ला कॉम्प्लेक्स, बान्द्रा (ईस्ट) मुम्बई को सूचनार्थ।
5. तहसील राजस्व लेखाकार, मार्फत तहसीलदार, नागौर
6. ग्राम विकास अधिकारी एवं पदेन सचिव, ग्राम पंचायत, सरासनी (नागौर)
7. संरक्षित पत्रावली

(डॉ.अमित यादव)
जिला कलक्टर, नागौर
दिनांक
08-09-23

Signature valid

Digitally signed by Am Yadav
Designation: Collector & District
Magistrate
Date: 2023.09.07 18:03:32 IST
Reason: Approved

ajKaj Ref No. : 4417746

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.	Being complied	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. All the necessary facilities has been established for measurement and monitoring However, the treatment facility is yet to be established.
iii.	Miscellaneous	The project proponent shall implement site specific conservation plan for Schedule-I species namely, Indian Peafowl (Pavo cristatus), Chinkara (Gazella bennettii) and Monitor Lizard (Varanus bengalensis) 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 conservation plan for Schedule-I species with a proposed budget of Rs.250 Lakhs will be implemented in phase manner 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	Agree to Comply	Plantation activity started at mines site and approx. 3700 nos. of tree sapling has been planted on 3.5 ha. area within the Mine 3B2 Limestone Block lease. Plantation are being carried out

		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.		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.
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 are being carried out as per the commitments made on the issues raised in PH and activities proposed under CER. Activities wise detailed CER/CSR report for the FY: 2025-26 is enclosed/reported below in standard condition no.: 33.
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 commenced in Mar-2025 and Limestone is temporary stored within ML area for future use and transportation of limestone from mine site to crusher and then to proposed Cement Plant will be carried out as per the stipulations.
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.	Complied	JSW has commenced its mining operation since Mar-2025. Limestone Production for the period Apr-25 to June-25 is 0.003246 Million TPA and Waste & Topsoil is 0.009249 Million M ³ Per Annum
viii.	Miscellaneous	All the mitigation measures committed / envisaged in the EIA/EMP report and subsequent submission shall be implemented.	Being complied	JSW has commenced its mining operation since Mar-2025. All the mitigation measures committed/envisaged in the EIA/EMP report and subsequent submission are being 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	Agree to Comply	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.

		condition which is fit for growth of fodder, flora, fauna etc.		
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.	Being complied	Noted, all the Approvals/ NOC/ Consents as applicable to the mining project as per statutory requirements/rules will be obtained. We have obtained EC, CTE, CTO, HEMM Deployment & Blasting permissions from respective authorities. We also obtained the Approval for Construction of Proposed Possession for Use of Explosives from a Magazine and Proposed Licence to possess for Use of Ammonium Nitrate from a Store House attached to Explosives Manufacturing Unit (ANFO) vide dated 18/09/2024 and 20/09/2024, respectively.
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.	Complied	As this is an auctioned limestone mining block and no illegal mining activities/ operation has been carried out hence no compensation is applicable/due to be levied by the State Govt.
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. As this is an auctioned limestone mining block and no illegal mining activities/ operation has been carried out hence no compensation is applicable/ due to be levied by the State Govt.
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 29 th 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".	Being complied	JSW has commenced its Mining operation in Mar-2025 and is strictly adhering to the mitigation measures as specified in the OM of Ministry of Environment, Forests and Climate Change dated 29 th October, 2014

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 has already been marked to the concerned Panchayat/Local NGO.
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.
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	Public Notice advertisement in newspapers regarding grant of EC had been published in Rajasthan Patrika and The Times of India on 07.09.2020 and the Newspaper publication copies submitted to the concerned authorities. 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. For Any change in ownership or mining lease, communication will be made to MoEFCC and mining operation will only be carried out post transfer of EC as per the provisions of EIA notification 2006.
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	Being complied	Mining operation has commenced from Mar-2025. 3 Nos. of CAAQM Stations received at site and is under commissioning stage. Ambient air quality monitoring is being conducted at prominent places and monitoring report for the period: April-2025 to Septemebre-2025 is mentioned below.

		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.		
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AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD: APR-25 TO SEPT-25 (UNIT: $\mu\text{G}/\text{M}^3$)

S. No.	Parameters	Plant Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter ($\text{PM}_{2.5}$)	44.77	41.13	42.98	43.46	39.82	41.67	41.99	38.35	40.20
2	Particulate Matter (PM_{10})	85.07	78.15	81.67	82.58	75.66	79.18	79.78	72.86	76.38
3	Nitrogen Dioxide (NO_2)	23.57	21.65	22.62	22.88	20.96	21.93	22.10	20.18	21.16
4	Sulphur Dioxide (SO_2)	13.09	10.36	12.06	12.71	10.03	11.69	12.28	9.66	11.28
5	Carbon Monoxide (as CO), mg/m^3	0.65	0.52	0.60	0.64	0.50	0.58	0.61	0.48	0.56
6	Suspended Particulate Matter (as SPM)	416.84	382.94	400.17	404.64	370.73	387.97	390.92	357.01	374.25

S. No.	Parameters	Plant Site								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter ($\text{PM}_{2.5}$)	39.01	35.36	37.21	35.32	31.68	33.53	33.54	29.90	31.75
2	Particulate Matter (PM_{10})	74.11	67.19	70.71	67.11	60.19	63.71	63.73	56.81	60.33
3	Nitrogen Dioxide (NO_2)	20.53	18.61	19.59	18.59	16.67	17.65	17.65	15.74	16.71
4	Sulphur Dioxide (SO_2)	11.41	8.91	10.44	10.33	7.98	9.41	9.81	7.53	8.91
5	Carbon Monoxide (as CO), mg/m^3	0.57	0.45	0.52	0.52	0.40	0.47	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	363.14	329.23	346.47	328.84	294.93	312.17	312.28	278.37	295.60

S. No.	Parameters	3B2 Mine Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter ($\text{PM}_{2.5}$)	39.20	35.56	37.41	37.99	34.35	36.20	35.78	32.14	33.99
2	Particulate Matter (PM_{10})	74.48	67.56	71.08	72.18	65.26	68.78	67.99	61.07	64.59
3	Nitrogen Dioxide (NO_2)	20.63	18.71	19.69	19.99	18.08	19.05	18.83	16.92	17.89
4	Sulphur Dioxide (SO_2)	11.46	8.95	10.50	11.11	8.65	10.16	10.46	8.09	9.54
5	Carbon Monoxide (as CO), mg/m^3	0.57	0.45	0.52	0.56	0.43	0.51	0.52	0.40	0.48
6	Suspended Particulate Matter (as SPM)	364.95	331.04	348.28	353.68	319.77	337.01	333.15	299.24	316.48

S. No.	Parameters	3B2 Mine Site								
		July '2025			Aug'2025			Sept'2025		

		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.54	29.90	31.75	30.91	27.27	29.12	29.57	25.93	27.78
2	Particulate Matter (PM ₁₀)	63.73	56.81	60.33	58.73	51.81	55.33	56.18	49.26	52.78
3	Nitrogen Dioxide (NO ₂)	17.65	15.74	16.71	16.27	14.35	15.33	15.56	13.65	14.62
4	Sulphur Dioxide (SO ₂)	9.81	7.53	8.91	9.04	6.87	8.17	8.65	6.53	7.80
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.45	0.34	0.41	0.43	0.33	0.39
6	Suspended Particulate Matter (as SPM)	312.28	278.37	295.60	287.78	253.87	271.10	275.28	241.37	258.61

S. No.	Parameters	Village-Jindas								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	37.22	33.57	35.43	35.98	32.34	34.19	34.56	30.92	32.77
2	Particulate Matter (PM ₁₀)	70.71	63.79	67.31	68.37	61.45	64.97	65.67	58.75	62.27
3	Nitrogen Dioxide (NO ₂)	19.59	17.67	18.64	18.94	17.02	18.00	18.19	16.27	17.25
4	Sulphur Dioxide (SO ₂)	10.88	8.45	9.94	10.52	8.14	9.60	10.11	7.79	9.20
5	Carbon Monoxide (as CO), mg/m ³	0.54	0.42	0.50	0.53	0.41	0.48	0.51	0.39	0.46
6	Suspended Particulate Matter (as SPM)	346.48	312.57	329.81	335.01	301.11	318.34	321.78	287.88	305.11

S. No.	Parameters	Village-Jindas								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	32.09	28.45	30.30	29.59	25.95	27.80	27.87	24.23	26.08
2	Particulate Matter (PM ₁₀)	60.98	54.06	57.58	56.23	49.31	52.83	52.95	46.03	49.55
3	Nitrogen Dioxide (NO ₂)	16.89	14.98	15.95	15.58	13.66	14.63	14.67	12.75	13.73
4	Sulphur Dioxide (SO ₂)	9.38	7.17	8.51	8.65	6.54	7.80	8.15	6.10	7.32
5	Carbon Monoxide (as CO), mg/m ³	0.47	0.36	0.43	0.43	0.33	0.39	0.41	0.31	0.37
6	Suspended Particulate Matter (as SPM)	298.80	264.89	282.13	275.53	241.62	258.85	259.46	225.55	242.78

S. No.	Parameters	Village Bhadana								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	35.46	31.82	33.67	36.62	32.97	34.83	33.75	30.11	31.96
2	Particulate Matter (PM ₁₀)	67.37	60.45	63.97	69.57	62.65	66.17	64.13	57.21	60.73
3	Nitrogen Dioxide (NO ₂)	18.66	16.75	17.72	19.27	17.35	18.33	17.76	15.85	16.82
4	Sulphur Dioxide (SO ₂)	10.37	8.01	9.45	10.71	8.30	9.77	9.87	7.58	8.97
5	Carbon Monoxide (as CO), mg/m ³	0.52	0.40	0.47	0.54	0.42	0.49	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	330.11	296.21	313.44	340.89	306.99	324.22	314.24	280.33	297.56

	Parameters	Village Bhadana								
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S. No.		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	31.32	27.68	29.53	28.04	24.39	26.25	26.95	23.31	25.16
2	Particulate Matter (PM ₁₀)	59.51	52.59	56.11	53.27	46.35	49.87	51.20	44.28	47.80
3	Nitrogen Dioxide (NO ₂)	16.48	14.57	15.54	14.76	12.84	13.81	14.18	12.27	13.24
4	Sulphur Dioxide (SO ₂)	9.16	6.97	8.29	8.20	6.14	7.37	7.88	5.87	7.06
5	Carbon Monoxide (as CO), mg/m ³	0.46	0.35	0.41	0.41	0.31	0.37	0.39	0.29	0.35
6	Suspended Particulate Matter (as SPM)	291.60	257.69	274.93	261.02	227.12	244.35	250.88	216.97	234.21

S. No.	Parameters	Village-Harima								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.82	30.17	32.03	34.83	31.19	33.04	32.96	29.32	31.17
2	Particulate Matter (PM ₁₀)	64.25	57.33	60.85	66.18	59.26	62.78	62.62	55.70	59.22
3	Nitrogen Dioxide (NO ₂)	17.80	15.88	16.86	18.33	16.42	17.39	17.35	15.43	16.40
4	Sulphur Dioxide (SO ₂)	9.89	7.60	8.99	10.18	7.85	9.27	9.64	7.38	8.75
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.51	0.39	0.46	0.48	0.37	0.44
6	Suspended Particulate Matter (as SPM)	314.83	280.92	298.15	324.28	290.37	307.61	306.84	272.93	290.17

S. No.	Parameters	Village-Harima								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	30.14	26.50	28.35	28.83	25.18	27.04	27.69	24.05	25.90
2	Particulate Matter (PM ₁₀)	57.27	50.35	53.87	54.77	47.85	51.37	52.62	45.70	49.22
3	Nitrogen Dioxide (NO ₂)	15.86	13.95	14.92	15.17	13.25	14.23	14.58	12.66	13.63
4	Sulphur Dioxide (SO ₂)	8.81	6.67	7.96	8.43	6.34	7.59	8.10	6.06	7.27
5	Carbon Monoxide (as CO), mg/m ³	0.44	0.33	0.40	0.42	0.32	0.38	0.40	0.30	0.36
6	Suspended Particulate Matter (as SPM)	280.62	246.72	263.95	268.37	234.47	251.70	257.84	223.93	241.17

S. No.	Parameters	Village-Sarasani								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	38.16	34.52	36.37	39.65	36.01	37.86	37.54	33.89	35.75
2	Particulate Matter (PM ₁₀)	72.51	65.59	69.11	75.33	68.41	71.93	71.32	64.40	67.92
3	Nitrogen Dioxide (NO ₂)	20.09	18.17	19.14	20.87	18.95	19.92	19.76	17.84	18.81
4	Sulphur Dioxide (SO ₂)	11.16	8.69	10.21	11.59	9.07	10.62	10.98	8.54	10.03
5	Carbon Monoxide (as CO), mg/m ³	0.56	0.43	0.51	0.58	0.45	0.53	0.55	0.43	0.50
6	Suspended Particulate Matter (as SPM)	355.30	321.39	338.63	369.12	335.21	352.44	349.47	315.56	332.80

S. No.	Parameters		Village-Sarasani								
			July '2025			Aug'2025			Sept'2025		
			Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})		35.99	32.35	34.20	32.28	28.64	30.49	30.78	27.14	28.99
2	Particulate Matter (PM ₁₀)		68.38	61.46	64.98	61.33	54.41	57.93	58.48	51.56	55.08
3	Nitrogen Dioxide (NO ₂)		18.94	17.02	18.00	16.99	15.07	16.05	16.20	14.28	15.26
4	Sulphur Dioxide (SO ₂)		10.52	8.15	9.60	9.44	7.21	8.56	9.00	6.83	8.14
5	Carbon Monoxide (as CO), mg/m ³		0.53	0.41	0.48	0.47	0.36	0.43	0.45	0.34	0.41
6	Suspended Particulate Matter (as SPM)		335.06	301.15	318.39	300.52	266.61	283.84	286.55	252.64	269.88
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 PM ₁₀ and PM _{2.5} 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.				Being complied	JSW has commenced its Mining operation since Mar-2025 and all the effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) is being 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. JSW is strictly adhering to the standards prescribed by the MoEF&CC/Central Pollution Control Board.				
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 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.				Agree to Comply	In case of ground water intersection, prior permission from CGWA and MoEF&CC shall be obtained.				
12)	Water Quality Monitoring	Project Proponent shall regularly monitor and maintain records w.r.t. ground water				Complied	Ground water level and quality monitoring is being carried out				

	And Preservation	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.		in and around the mine lease area by establishing a network of existing wells as well as new piezometer installations as per CGWA guidelines. Detailed Ground Water Level and Quality Report for the period: Summer & Monsoon (Apr-2025 & July-25)
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WATER LEVEL IN AND AROUND THE MINE LEASE AREA

S. No.	Locations	Source	Latitude & Longitude	Water Level (In Meter)	
				May-2025	Aug-2025
1.	At Plant Site (PZ-1)	Piezowell	27°17'14" & 73°50'9"	66.5	64.0
2.	At Mine Office (PZ-1)	Piezowell	27°15'54" & 73°53'57"	60.0	58.0
3.	Village - Sarasani	Borewell	27°15'56" & 73°54'50"	73.0	72.0
4.	Village - Ewad	Borewell	27°17'26" & 73°57'48"	67.0	64.0
5.	Village - Deh	Borewell	27°18'45" & 73°54'12"	58.0	55.0
6.	Village - Sadokan	Borewell	27°13'27" & 73°50'48"	42.0	40.0
7.	Village - Somna	Borewell	27°15'15" & 73°57'8"	49.0	48.0
8.	Village - Khetolao	Borewell	27°13'43" & 73°54'42"	61.5	68.0
9.	Village - Bhadana	Borewell	27°16'6" & 73°49'3"	74.0	72.0
10.	Village - Harima	Borewell	27°15'30" & 73°51'29"	62.5	59.0
11.	Village - Jindas	Borewell	27°17'45" & 73°49'44"	89.5	86.0
12.	Village - Kishanpura	Borewell	27°20'23" & 73°54'30"	56.0	53.0
13.	Village - Malgaon	Borewell	27°16'51" & 73°47'20"	61.5	58.0
14.	Village - Jharisara	Borewell	27°21'8" & 73°49'53"	62.5	60.0
15.	Village - Pyau	Borewell	27°19'32" & 73°48'10"	42.0	40.0

GROUND WATER QUALITY ANALYSIS REPORT - IN AND AROUND THE MINE LEASE AREA: MAY-2025 (SUMMER SEASON)

S. No.	Parameters	Plant Site (Borewell)	Mines Site (RO Water)	Village Jindas (Water Storage Tank)	Village Bhadana (Borewell)	Village Harima (Govt. School)	Village Sarasani (Water Tank Storage)
1.	pH	7.12	7.28	6.95	6.84	7.28	7.09
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO ₃), mg/l	2741	67	120	403	971	104
7.	Calcium (as Ca), mg/l	885	11.2	22.5	78.5	181	17.6
8.	Total Alkalinity (as CaCO ₃), mg/l	206	85	126	542	285	91

9.	Chloride (as Cl), mg/l	5426	26	29.5	910.2	1125	38.2
10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	129	9.5	15.6	50.2	126	14.6
12.	Total Dissolved Solids, mg/l	11285	194	241	2456	3185	238
13.	Sulphate (as SO ₄), mg/l	381	25.6	27.6	549	319	41.2
14.	Fluoride (as F), mg/l	1.02	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	2.24	1.24	0.25
15.	Nitrate (as NO ₃), mg/l	38.25	6.10	4.05	17.5	5.85	5.42
16.	Iron (as Fe), mg/l	0.69	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	0.41	0.11	0.21
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
22.	Zinc (as Zn), mg/l	0.48	BLQ (LOQ-0.2)	BLQ (LOQ-0.2)	0.41	0.25	0.21
23.	Copper (as Cu), mg/l	0.26	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
30.	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent
31.	E. Coli	Absent	Absent	Absent	Absent	Absent	Absent
32.	Electrical Conductivity, µs/cm	18100	310	380	3940	5110	360
33.	Total Suspended Solids, mg/l	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)
34.	Ammonia (as N), mg/l	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)
35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
37.	Sodium (as Na), mg/l	458	8.26	12.6	245.0	950	11.6
38.	Potassium (as K), mg/l	4.38	BLQ (LOQ 1.0)	1.59	8.6	58	1.72
39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
41.	Total Pesticides, µg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
42.	Hexavalent Chromium (as Cr ⁺⁶), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)

**GROUND WATER QUALITY ANALYSIS REPORT - IN AND AROUND THE MINE LEASE AREA: AUG-2025
(MONSOON)**

S. No.	Parameters	Plant Site (Borewell)	Mines Site (RO Water)	Village Jindas (Water Storage Tank)	Village Bhadana (Borewell)	Village Harima (Govt. School)	Village Sarasani (Water Tank Storage)
1.	pH	7.02	7.32	6.84	6.71	7.31	7.01
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO ₃), mg/l	2844.0	75.0	140.0	450.0	1057.38	130.0
7.	Calcium (as Ca), mg/l	910.0	12.0	20.0	68.1	198.0	20.0
8.	Total Alkalinity (as CaCO ₃), mg/l	210.2	90.	120.0	550.0	295.0	100.0
9.	Chloride (as Cl), mg/l	5527.0	30.0	32.8	949.7	1230.0	40.0
10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	139.37	10.9	21.9	68.04	136.90	19.4
12.	Total Dissolved Solids, mg/l	11540	203	255.0	2510	3216	247.0
13.	Sulphate (as SO ₄), mg/l	410	28.0	31	605	354	46.0
14.	Fluoride (as F), mg/l	1.11	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	2.49	1.34	0.28
15.	Nitrate (as NO ₃), mg/l	44.21	5.69	4.92	20.4	6.99	6.52
16.	Iron (as Fe), mg/l	0.82	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	0.48	0.14	0.24
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
22.	Zinc (as Zn), mg/l	0.59	BLQ (LOQ-0.2)	BLQ (LOQ-0.2)	0.57	0.32	0.25
23.	Copper (as Cu), mg/l	0.41	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
30.	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent
31.	E. Coli	Absent	Absent	Absent	Absent	Absent	Absent
32.	Electrical Conductivity, µs/cm	17750	360	370	4400	4948	358
33.	Total Suspended Solids, mg/l	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)
34.	Ammonia (as N), mg/l	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

		(LOQ 0.3)	(LOQ 0.3)	(LOQ 0.3)	(LOQ 0.3)	(LOQ 0.3)	(LOQ 0.3)
35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
37.	Sodium (as Na), mg/l	458	8.26	12.6	245.0	950	11.6
38.	Potassium (as K), mg/l	4.38	BLQ (LOQ 1.0)	1.59	8.6	58	1.72
39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
41.	Total Pesticides, µg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
42.	Hexavalent Chromium (as Cr ⁺⁶), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
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 showing the trend analysis on six-monthly basis.			Complied	No any natural water course/ water resources/springs and perennial nallahs exists or flowing in and around the mine lease area. However, some ponds are observed within 10 km. radius of the mining lease boundary and detailed surface water quality analysis reports for post-monsoon (Nov-25) winter season (Jan-2025) are enclosed below:	
SURFACE WATER QUALITY ANALYSIS (10KM RADIUS OF MINE LEASE AREA (PONDS): MAY-2025 (SUMMER SEASON)							
S. No.	Parameters	Nosar Talab at Deh	Talab Near Bhadana Village	Talab Near Jather Village			
1.	pH	7.89	7.23	7.39			
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)			
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)			
4.	Odour	Agreeable	Agreeable	Agreeable			
5.	Taste	Agreeable	Agreeable	Agreeable			
6.	Total Hardness (as CaCO ₃), mg/l	58	108	284			
7.	Calcium (as Ca), mg/l	11	34	29			

8.	Total Alkalinity (as CaCO ₃), mg/l	78	138	389
9.	Chloride (as Cl), mg/l	48.6	58.6	364.5
10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	7.42	5.63	51.43
12.	Total Dissolved Solids, mg/l	172	340	1170
13.	Sulphate (as SO ₄), mg/l	15.3	37.5	287
14.	Fluoride (as F), mg/l	0.29	0.16	1.48
15.	Nitrate (as NO ₃), mg/l	5.48	6.49	14.2
16.	Iron (as Fe), mg/l	0.29	0.38	0.41
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.02)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
22.	Zinc (as Zn), mg/l	0.39	0.48	0.63
23.	Copper (as Cu), mg/l	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
30.	Total Coliform	Absent	Absent	Absent
31.	E. Coli	Absent	Absent	Absent
32.	Electrical Conductivity, µs/cm	280	520	1800
33.	Total Suspended Solids, mg/l	BLQ (LOQ 2.0)	BLQ (LOQ 2.0)	BLQ (LOQ 2.0)
34.	Ammonia (as N), mg/l	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)
35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
37.	Sodium (as Na), mg/l	9.63	26.7	121
38.	Potassium (as K), mg/l	3.12	5.9	7.63
39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
41.	Total Pesticides, µg/l	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)
42.	Hexavalent Chromium (as Cr ⁺⁶), mg/l	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)

**SURFACE WATER QUALITY ANALYSIS (10KM RADIUS OF MINE LEASE AREA (PONDS): AUG-2025
(MONSOON SEASON)**

S. No.	Parameters	Nosar Talab at Deh	Talab Near Bhadana Village	Talab Near Jather Village
1.	pH	7.72	7.29	7.42
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO ₃), mg/l	65.0	120	293
7.	Calcium (as Ca), mg/l	12.0	38	32
8.	Total Alkalinity (as CaCO ₃), mg/l	84.0	152.7	410.2
9.	Chloride (as Cl), mg/l	54.6	66.4	385.6
10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	8.52	6.12	58.10
12.	Total Dissolved Solids, mg/l	190.0	360	1240
13.	Sulphate (as SO ₄), mg/l	12.2	41.5	312
14.	Fluoride (as F), mg/l	0.19	0.18	1.52
15.	Nitrate (as NO ₃), mg/l	4.35	7.14	16.8
16.	Iron (as Fe), mg/l	0.19	0.41	0.45
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)

	22.	Zinc (as Zn), mg/l	0.32	0.39	0.60
	23.	Copper (as Cu), mg/l	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
	24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
	25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
	26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
	27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
	28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
	29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
	30.	Total Coliform	Absent	Absent	Absent
	31.	E. Coli	Absent	Absent	Absent
	32.	Electrical Conductivity, µs/cm	290	550	1910
	33.	Total Suspended Solids, mg/l	BLQ (LOQ 2.0)	BLQ (LOQ 2.0)	BLQ (LOQ 2.0)
	34.	Ammonia (as N), mg/l	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)
	35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
	36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
	37.	Sodium (as Na), mg/l	6.30	23.8	135
	38.	Potassium (as K), mg/l	2.87	5.2	6.89
	39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
	40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
	41.	Total Pesticides, µg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
	42.	Hexavalent Chromium (as Cr ⁺⁶), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
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 has commenced its Mining operation in Mar-2025. Mine Pit water quality will be analysed once the pit is established and water gets accumulated in mines pit .The report of the same will be uploaded on website of the company as well as displayed at the mine site in public domain, on a display board, at a suitable location near the Main Gate of the Mine 3B2 Limestone Block..	
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	JSW has commenced its Mining operation in Mar-2025. Rain water Harvesting pit will be developed and implemented to augment ground water resources on long term basis in the area in consultation with Central Ground Water Board and report on amount of water recharged will be submitted to the RO-MOEFCC on annually basis.	
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	Agree to Comply	JSW has commenced its Mining operation in Mar-2025 and as of now no Industrial waste water is generated and workshop is not	

		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.		established at mine site as it is still in initial stage. Once waste water generation starts/workshop is established, it will be properly collected and treated so as to conform to the notified standards prescribed from time to time.
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	JSW has commenced its Mining operation in Mar-2025. Water auditing will be carried out and necessary measure for reducing water consumption will be taken up once mining operation is fully established. The report on the same will be submitted to the Regional Office, MoEF&CC and RO - RSPCB as suggested.
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 monitored periodically as per applicable DGMS guidelines.	Agree to Comply	JSW commenced mining operations in March 2025. Blasting activities have not yet started. However, once blasting operations begin, Peak Particle Velocity (PPV) will be monitored periodically at a distance of 500 meters or at the nearest habitation, whichever is closer to the mining pit, in strict compliance with the applicable DGMS guidelines.
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	We ensure that all the appropriate measures will be taken to avoid the disturbance of biological clock of the human and animal population due to lights and also to keep the noise level well within the prescribed limits for day /night hours.
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,	Being complied	JSW cement limited is taking all the appropriate measures to control the noise levels below 85 dB(A) in the work environment

		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.		and adequate PPE's are being provided to workers working in high noise areas. The ambient noise level monitoring is also being carried out through authorized laboratory and monitoring report for the period: April-2025 to Sept-2025 is enclosed below.
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Ambient Noise Level Monitoring Results For The Period: APR-2025 to SEPT-2025

S. No.	Noise Level Monitoring Locations	Apr'2025		May'2025		June'2025		July '2025		Aug'2025		Sep'2025	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
1	At Plant Site	63.5	52.8	60.8	51.4	61.5	52.3	61.2	50.9	59.6	49.2	57.8	48.1
2	At Mines Office/Core Library	60.5	51.6	59.2	50.9	58.4	43.7	58.2	47.7	56.7	45.1	55.9	43.2
3	Village Jindas	51.2	39.9	49.0	40.0	45.6	38.2	49.0	40.2	48.3	38.6	46.5	37.7
4	Village Bhadana	50.0	40.8	51.6	41.7	50.6	42.0	47.6	38.5	50.1	41.8	49.3	42.8
5	Village Harima	51.4	43.2	48.5	38.3	49.3	39.5	52.9	41.7	51.1	40.7	50.5	39.3
6	Village Sarasani	49.7	42.2	50.1	39.7	48.9	39.2	50.2	41.3	49.6	38.7	51.6	40.2

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	JSW has commenced its mining operation in Mar-25. Earlier Mining Plan was approved by IBM vide letter No.: 584 (4) (3) (1753) / 2018 RCOM-AJM dated 11/09/2018. However, on account of detailed mineral exploration and resultant changes in ore recovery and waste generation, we had to modify the existing Mining Plan which was submitted to IBM for approval. on 29 th Aug., 2024. and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/ 18/2024-AJM-IBM_RO_AJM dated 26.11.2024. JSW Cement is committed to carry out all the specified activities as per the approved Modified 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 raised in the reclaimed area shall be governed as per approved mining plan. Project proponent shall ensure the monitoring	Agree to Comply	JSW has commenced its mining operation in Mar-25. Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/ 18/2024-AJM-IBM_RO_AJM dated 26.11.2024.

		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.		JSW Cement is committed to carry out all the specified activities as per the approved Modified 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.	Being Complied	JSW has commenced its mining operation in Mar-25. OB, waste and topsoil generated during the mining operations is being stacked at earmarked OB dump site(s) only and it will not be kept active for a long period of time. Dump height, width and angle of slope will be implemented as per the Approved Modified Mining Plan/DGMS and top soil will be used for reclamation and plantation only.
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	JSW has commenced its mining operation in Mar-25. We will maintain the slope stability, prevent erosion and surface run of slope of dumps by developing the vegetation on it in scientific manner with suitable native species. The gullies formed on slopes will be adequately taken care to avoid its impacts on the stability of dumps. The dump mass will 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. will be undertaken for stabilization of the dump.
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 belt development, plantation etc. The	Agree to Comply	JSW has commenced its mining operation in Mar-25. JSW will construct the catch drains, settling tanks and siltation ponds of appropriate size 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

		drains/sedimentation sumps etc. shall be de-sifted regularly, particularly after monsoon season, and maintained properly.		(Nallah/River/ Pond etc.) and collected water would be utilized for watering the mine area, roads, green belt development, plantation etc. Drains/sedimentation sumps will be de-sifted regularly after monsoon season.
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	JSW has commenced its mining operation in Mar-25. JSW will construct check dams of appropriate sizes with 50 percent safety margin based on the last 50 years rainfall data around mine pit and OB dump to prevent storm run-off and sediment flow into adjoining water bodies.
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.	Being complied	JSW has commenced its mining operation in Mar-25. All the necessary provision/ infrastructure facilities for the housing for workers/labours is being provided in the form of temporary structures which can be removed after the

		The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.		completion of the project related infrastructure.
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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 as proposed. Activities wise detailed CER/CSR report for the year 2025-26 is being submitted along with the EC compliance Report. Please provide the details below.
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ACTIVITY WISE DETAILED CER/CSR REPORT FOR THE FY: 2025-26

Activity Wise Detailed CER/CSR Report Of All Running And Upcoming Programs

S. No.	Activities	Budget	YTD	Committ ed	Total Expendit ure	Remarks	Beneficiaries	Village
	Targeted	(Rs. Lakh)	Spend	Expendit ure			Total	
			(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)			
A	EDUCATION	616.66	107.99	331.66	439.66		1250	
A.1	Classroom at Govt. PS School Jindas	15.16	15.16	0.00	15.16	1 Classroom has been constructed at Jindas PS School	52	Jindas
A.2	Painting work at Govt. UPS School Jindas village	8.00	0.00	8.00	8.00	Painting work to be executed at UPS Jindas village	102	Jindas
A.3	Development of Mahatma Gandhi Vidhyalya and Tulchiram Gilda Government Secondary School, Bhadana to model school with comprehensive infrastructure support, innovative aids including activity-based materials for Math, Science & English as well as ICT facilities for improved teaching & learning	153.00	0.00	0.00	0.00	Developing Govt. Schools in Model Schools at Bhadana	0	Bhadana

A.4	Construction of 3 Classrooms & Toilet in Govt. MG School Deh	33.50	0.00	33.50	33.50	3 classroom construction in MG school Deh with separated toilet for Girls and Boys is proposed (Size - 20x25 sqft for each room)	0	Deh
A.5	Ensuring proper Sanitation Facilities at School by building Toilet units separate for boys & girls	14.53	14.53	0.00	14.53	Boys toilet units completed in 3 schools of Bhadana, Harima and Deh villages	0	Harima, Bhadana
A.6	Developing Smart Classrooms in the Govt. Schools to promote digital learning	50.00	0.00	50.00	50.00	Digital learning initiative is planned in 8 Govt. Schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.7	Boundary wall construction & 2 Classrooms at Bhadana	30.00	0.00	30.00	30.00	Classroom and Boundary wall to be constructed in govt. schools (300 Mtrs length)	0	Bhadana
A.8	Classrooms at Sarasani Govt. School	26.50	26.50	0.00	26.50	2 Classrooms to be constructed at Sarasani school (Size 20x25 for each room)	163	Sarasani
A.9	Renovation, Repairing & Painting of Govt. School Buildings - Anganwadi, Roof treatment, Solar	57.00	0.00	57.00	57.00	Renovation of Anganwadis to be done	0	All Village
A.10	Providing basic amenities like Furniture, Green Boards	28.75	0.00	28.75	28.75	500 Furniture sets and whiteboards are to be provided in all 8 govt. schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.11	Harima School Waterproofing works	4.00	4.00	0.00	4.00	Govt. Upper primary school Harima	71	
A.12	Jindas School water proofing works	4.23	4.23	0.00	4.23	Waterproofing work is completed in Jindas Schools & Anganwadi	231	Jindas
A.13	School Waterproofing works in Bhadana Schools	7.55	7.55	0.00	7.55			
A.14	School Waterproofing works in Deh PEOO Schools	21.20	11.93	9.27	21.20	Roof waterproofing work to be executed in School of Deh PEOO area	631	Deh
A.15	Project Umang - Learning & Development Initiative in Schools - Eklavya	62.77	0.00	62.77	62.77	Project Umang in partnership with Ekalavya foundation		Sarasani, Jindas, Harima, Deh, Bhadana
A.16	Construction of School Toilets in Amarpura & Sadokan Panchayat	24.00	0.00	0.00	0.00	Sanitation facilities to be created in Schools	0	Amarapura, Sadokan
A.17	School Development activities at Village Sarasani	38.50	24.10	14.40	38.50	School development activities like One classroom construction, floor repair, renovation, and painting of Sarasani school	0	Sarasani
A.18	Financial support to Govt. schools for Participate in State level sports	0.97	0.00	0.97	0.97	Harima and Bhadana school		
A.19	Construction of 02 classroom and Boundry wall at Harima School	37.00	0.00	37.00	37.00	02 classroom and boundry wall at Govt School Harima		
B	HEALTHCARE	87.24	0.80	76.44	77.24		100	
B.1	Primary Medical Facilities through Mobile Van	52.44	0.00	52.44	52.44	Mobile health Van to be deployed to ensure door step healthcare services		Sarasani, Jindas, Harima, Deh, Bhadana
B.2	Cancer Research Study for Nagaur	10.00	0.00	10.00	10.00	Cancer study to be conducted as per EC condition		Nagaur District
B.3	Infrastructure Improvement in Health Sub-Centre at Harima	10.00	0.00	0.00	0.00	Health Centre at Harima is planned		Harima

B.4	Vision Screening for villagers of DIZ village	9.50	0.00	9.50	9.50	Vision screening with free Specs distribution for the villagers of DIZ villages.		Sarasani, Jindas, Harima, Deh, Bhadana
B.5	Nutritional kit to TB patient	4.50	0.00	4.50	4.50	Nutritional kit support to 100 TB patient for 06 month at Nagaur district	100	Nagaur District
B.6	Ambulance support to district administration	0.80	0.80	0.00	0.80	Ambulance support to district administration		
C	LIVELIHOOD	316.17	42.16	274.01	316.17		4397	
C.1	Civil Consultant for establishing "Centre of Excellence"	7.00	0.00	7.00	7.00	CoE is planned to be established in Bhadana village	0	Bhadana
C.2	Project Tarang	207.00	29.35	177.65	207.00	Project Tarang in running with BAIF NGO under Agriculture & Livestock Development initiative	4323	Sarasani, Jindas, Harima, Deh, Bhadana
C.3	Project Bani-Thani	102.17	12.81	89.36	102.17	Project Bani-Thani is running under Women Empowerment initiative with COSV. 3 Training Centres are established for Stitching, Dorry making and Block printing works	74	Sarasani, Harima, Bhadana
D	WATER	288.49	27.49	216.00	243.49		4935	
D.1	Repairing and Renovation of existing water harvesting structures/ ponds/naadis etc. in the nearby villages	45.00	0.00	0.00	0.00	Renovation of existing ponds to be undertaken	0	
D.2	Developing/repairing of water infrastructures in the villages (Overhead Tank)	28.00	0.00	28.00	28.00	1 Lac ltr Over-head tank is planned in Sarasani village	0	Sarasani
D.3	Renovation of existing Pond at Bhadana	16.79	16.79	0.00	16.79	Renovation of existing pond of Bhadana village	3459	Bhadana
D.4	Borewell construction at Sarasani village	10.70	10.70	0.00	10.70	Borewell installation work is completed in Sarasani village	1476	Sarasani
D.5	Providing support for Construction of Individual Tanka (Rain Water Harvesting Structures) & IHT	188.00	0.00	188.00	188.00	Family identification is under process for individual RRWHS and Toilet works	0	All villages
E	Rural Infrastructure	1062.92	37.26	335.30	372.56		4622	
E.1	Installation of Solar Street Lights for better illumination in the villages	27.50	0.00	27.50	27.50	250 nos. Street lights are planned to be Installed in Village Harima, Sarasani, Bhadana and Jindas.	3146	Sarasani, Jindas, Harima, Deh, Bhadana, Manjhwas, Salwa, Pithasiya, Somna
E.2	Construction/repairing of village Roads	100.00	0.00	100.00	100.00	1 KM Road to be constructed in Sarasani village	0	Sarasani
E.3	Establishing "Center of Excellence" having Skill Development School, Training Center of Women, Library for youths, Open Gym, Classrooms for extra studies, wellness center etc with 6 AC rooms near plant premises or nearest villages in separate land. Installation of 50 nos. of sewing machines, 20 nos. of computer systems, 30 nos. of machines for making hand craft	299.87	0.00	0.00	0.00	Center of Excellence to be developed	0	

	Items along with necessary raw materials, organizing training program, vocational program etc.							
E.4	Providing buses along with Construction of Bus Stop	30.00	3.41	26.59	30.00	Rajasthan Roadway bus to be deployed in project area villages for local transportation	1476	Sarasani
E.5	Gaushala Shed Development and Soil filling work at Bhadana	60.00	15.91	44.09	60.00	Gaushala of Bhadana village is to be developed with Shed (Size 100x30 sqft), Soil filling work is completed in Gaushala	0	Bhadana
E.6	Fencing of Bhadana Pond and Boundary wall construction work for cremation ground	30.00	0.00	30.00	30.00		0	
E.7	Gaushala Shed Development works at Amarpura village	43.00	0.00	43.00	43.00	Gaushala Shed Development works at Amarpura village	0	Amarpura
E.8	Construction of water troughs	14.44	12.26	2.18	14.44	Water Trough construction is completed in Sarasani & Deh villages	0	Sarasani, Deh, Harima
E.9	Construction of Drainage system in the Bhadana village	50.00	0.00	0.00	0.00	Drainage system through Sewage in Bhadana village	0	Bhadana
E.10	Construction of Community Centers for Local community event, SHG meeting, organising functions etc. (Bhadana-2, Harima, Jindas, Sarasani, Malgaon)	182.50	0.00	22.00	22.00	Community centers for local communities	0	
E.11	Renovation of Community Center at Bhadana	11.00	0.00	11.00	11.00			
E.12	Construction of 5 Km CC Road with asphaltting connecting Nimbi Jodhan- Nagaur Road (Village Harima)	180.00	0.00	0.00	0.00	CC Road for Harima village	0	
E.13	Renovation of NIC Room at Nagaur District	8.00	0.00	8.00	8.00	Renovation of VC room at NIC, Nagaur	0	Nagaur
E.14	Soil filling & leveling work at DIC office, Nagaur	3.00	0.00	3.00	3.00	Soil filling & leveling work at DIC office, Nagaur	0	Nagaur
E.15	Financial Support to Grampanchayat Sarsani for village development activities	5.00	5.00	0.00	5.00	Financial Support to Grampanchayat Sarsani for village development activities	0	Sarasani
E.16	Boundry wall of cremation area at Bhadana village	15.90	0.00	15.90	15.90			
E.17	AC fitting at police station Roll	0.68	0.68	0	0.68			
E.18	Hiring of JCB and Water Tanker	2.04	0	2.04	2.04	Required for Civil work and water spraying at Bhadana road		
F	ENVIRONMENT	383.90	29.93	286.57	316.50		1000	
F.1	Plantation drives with Tree guards (Nearby villages & Amarpura)	35.10	17.67	17.43	35.10	Mass plantation to be conducted in DIZ villages	1000	Sarasani, Jindas, Harima, Deh, Bhadana
F.2	Tree Guard at 3PWD area by Mines dept	12.26	12.26	0.00	12.26	1000 tree guard to be provided		
F.3	Environment Related Activities	316.54	0.00	249.14	249.14	Works to be executed through Environment team	0	
F.4	Animal Rescue Ambulance for Forest Department	20.00	0.00	20.00	20.00	Works to be executed through Environment team	0	
G	SPORTS & CULTURE	16.04	13.00	3.04	16.04		1100	

G.1	National Youth Cultural Exchange Program	8.00	8.00	0.00	8.00	National Youth Cultural Exchange Program organized with Yuva Navras Foundation with 150+ participants across 22 states	200	
G.2	Support for Har Ghar tiranga abhiyan	2.20	0.00	2.20	2.20		0	
G.3	Sponsorship in Night cricket tournament at Deh	5.84	5.00	0.84	5.84		900	
H	PROGRAM & ADMIN	3.95	2.52	1.43	3.95		0	
H.1	Field Coordinator CSR	3.00	1.57	1.43	3.00	Field Coordinator under CSR	0	
H.2	Advertisement on independence day - JSW Cement	0.70	0.70	0.00	0.70			
H.3	School and CSR work inauguration at Sarasani	0.25	0.25	0.00	0.25			
	TOTAL	2775.37	261.15	1524.45	1785.60		17404.00	

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	JSW has commenced its mining operation in Mar-25. Mineral exploration activity completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024. JSW will prepare and submit the digital map (Land Use and Land Cover) of the entire lease area once in 5 year from the commencement of 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.	Complied	JSW has commenced its Mining operation in Mar-2025. 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: 01/03/2025. The details of the same is submitted to regional office through the EC compliance report on half yearly basis.
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 28/05/2025.

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) by furnishing the requisite data/information/ monitoring reports.	Agree to Comply	We will give extend our full cooperation and support to the Joint Director(S) / Scientist-D, IRO, MoEFCC by furnishing the requisite data, information during their visit.
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	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	Agree to Comply	Noted and agreed.

		Court and any other Court of Law relating to the subject matter.		
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.

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:	2025	Reporting Period: April-2025 to September-2025	
Remarks (if any)	Submitting the Six Monthly EC Compliance Report for the period: April-2025 to September-2025		
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	102.1336	
Revenue Land/Govt. Land	116.2742	193.9297	
Forest Land	0.0000	0.0000	
Others (Grazing Land)	8.9500	8.9500	
Total Area (Ha.)	470.0000	305.01336	
NOTE: -			
1. JSW has commenced its Mining operation in Mar-2025. Mineral exploration activity was completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024 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 Apr-25 to Sept-25
Limestone	Million TPA	3.800	0.003246
Waste & Topsoil	Million M ³ Per Annum	4.887	0.009249
Note: Mine lease was executed on 12/04/2023 and JSW has commenced its Mining operation in Mar-2025.			

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

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



EC Compliance Report: April-2025 to September-2025

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.

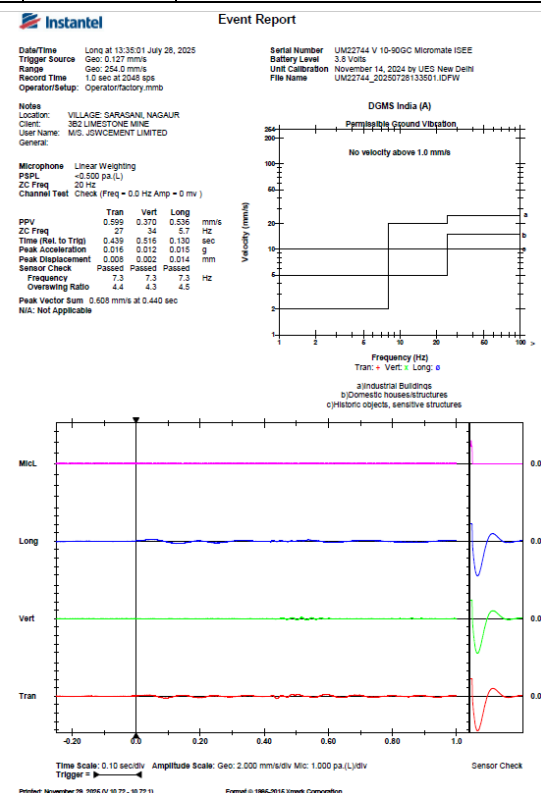
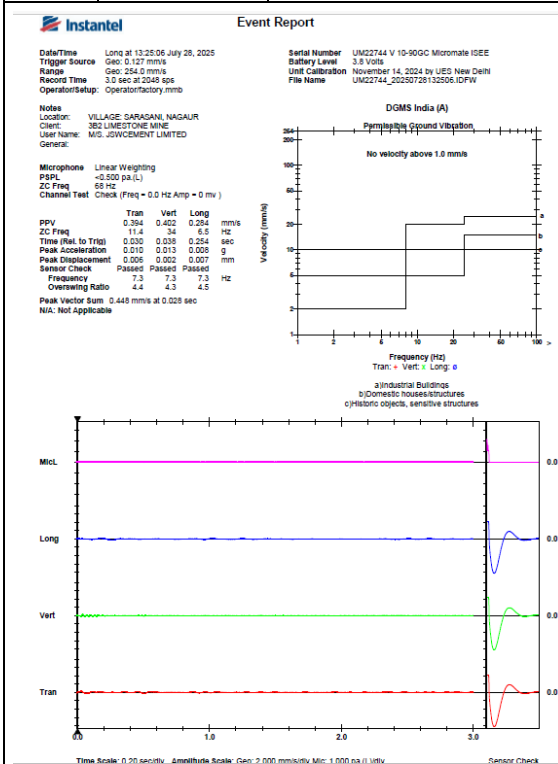
Environment Clearance vide F. No.: AI-J-11015/125/2018-IA-II(M) dated 31st August, 2020

Environment Clearance Extension vide F. No.: AI-J-11015/125/2018-IA-II(M) dated 23rd July, 2025

Mine lease was executed on 12/04/2023 but mining operation has commenced in Mar-2025. Mineral exploration activity completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPC0LST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024. EC validity extension has been recommended by the EAC of MoEFCC, awaiting for Amended EC Letter as per the stipulation laid in point No. 21 of EC by approaching the Ministry with detailed exploration report and revised mining plan.

A. 1.SPECIFIC CONDITION: -				
S. No.	Condition Type	Condition Details	Self-Declaration	Remarks / Reason / Status as on Sep-2025
1.1	Miscellaneous	PP needs to comply the OM dated 24.07.2024 of MoEFCC, wherein it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign “ EK Ped Ma keNaam” () and the details of the same shall be uploaded in the MeriLife portal (https://merilife.nic.in).	Complied	Greenbelt is carried out in the phased manner, also as part of the tree plantation campaign “ EK Ped Ma keNaam” and the details of the uploaded in the MeriLife portal
 				
1.2	Miscellaneous	All other terms and conditions mentioned in the EC letter dated 31.08.2020 shall remain unchanged	Being complied	All other terms and conditions mentioned in the EC letter dated 31.08.2020 will be followed.
1.3	Miscellaneous	PP needs to reduce the dependency on groundwater. Surface water (water from rivers etc.) and it shall construct a water reservoir within the lease area for meeting its day-to-day water needs.	Agree to Comply	JSW has commenced its Mining operation in Mar-2025. Water reservoir will be developed to reduce the dependency on groundwater for daily needs
1.4	Miscellaneous	The Project Proponent needs to install the permanent water sprinklers in addition to mobile water tankers along the haul road and the approach road.	Agree to Comply	Permanent water sprinklers will be installed in addition to mobile water tankers in the haul road and the approach roads.

		Further, 06 nos. of fog canons/mist sprayer of adequate throw shall be installed at various locations in the mine area including the crusher. Effective dust suppression system shall also be adopted at other parts of the mining lease to arrest the fugitive dust emission.		Also fog canons/mist sprayer of adequate throw will be installed at various locations in the mine area
1.5	Miscellaneous	The Project Proponent shall carryout the blasting in such a way that the direction of the blasting should be perpendicular to the village and guidelines of DGMS/provisions of MMR(Metalliferous Mining Regulations) should be followed	Complied	Blasting activity is carried out as per the DGMS guidelines and provisions of MMR (Metalliferous Mining Regulations) will be followed
1.6	Miscellaneous	The Project Proponent shall monitor the air quality, noise level, water quality, water level and ground vibration during drilling and blasting at the edge of the mine, near the village and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry's Regional Office	Complied	Mining operation is commenced in Mar-2025, Air quality, noise level, water quality, water level in the page no 11, 16 ,18 & 23 and ground vibration during blasting are monitored periodically the reports are attached



1.7	Miscellaneous	The Project Proponent shall explore the possibility of using atleast 20% of Electric vehicles/CNG/Solar	Being complied	Mining operation is commenced in Mar-2025, currently two no's of EV's are adopted and we will explore the possibility of solar as well as CNG.
1.8	Miscellaneous	The Project Proponent shall organize employment-based apprenticeship/ internship training program every year	Agree to Comply	Mine development, production were commenced in Mar-2025.

		with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly.		Need identification programs for enhance the local youth under skill development are in line with CSR activities. The apprenticeship/ internship training programs every year to the local youth and enhance their skills along with appropriate stipend will be implemented during full production period as per the IBM/DGMS rules. The data will be maintained and analysed periodically.
1.9	Miscellaneous	The EC shall be valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time or till 09.04.2053, whichever is earlier.	Agree to Comply	Noted
1.Standard EC Conditions for (Mining of minerals)				
1.1	Miscellaneous	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.	Being complied	Alternative arrangements were Made for livestock feed by developing grazing land. Also we obtained NOC from Revenue Department of State Govt. regarding Grazing land swapping in compliance of LOI. We have submitted the copy of the same to the ministry earlier along with EC compliance report. Copy of the NOC letter is attached below. Grazing land will be developed by state government, fees had been deposited.

कार्यालय जिला कलक्टर नागौर

क्रमांक प.12(01)(184)राजस्व/2023/

5155

आदेश

दिनांक

08-09-23

जे.एस.डब्ल्यू सीमेन्ट लिमिटेड को खान विभाग द्वारा स्वीकृत खनन पट्टा लाईमस्टोन ब्लॉक 3-बी-2 निकट ग्राम सरासनी रकबा 470 हैक्टेयर में स्थित चारागाह भूमि में खनन अनुमति चाही जाने पर प्रकरण राज्य सरकार को भिजवाया गया। राजस्व (ग्रुप-3) विभाग के पत्र संख्या प.2(8)राज-3/2020 दिनांक 20.12.22 द्वारा प्रदत्त राजकीय स्वीकृति के अनुसरण में मौजा सरासनी के खसरा नम्बर 203 रकबा 62.7585 हैक्टेयर गै.मु.गोचर में से संलग्न नक्शा खसरा में चिन्हित 8.95 हैक्टेयर भूमि का राजस्थान काश्तकारी (सरकारी) नियम 1955 के नियम 7 के अन्तर्गत वर्गीकरण परिवर्तन कर सिवायचक दर्ज किया जाकर जे.एस.डब्ल्यू सीमेन्ट लिमिटेड को निम्न शर्तों के अधधीन खनन कार्य की अनुमति प्रदान की जाती है। साथ ही चारागाह भूमि की क्षतिपूर्ति हेतु उक्त कम्पनी द्वारा समर्पित निजी खातेदारी भूमि मौजा सरासनी के खसरा नम्बर 691/174 रकबा 0.8579 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 175 रकबा 5.8275 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 759/175 रकबा 0.2736 हैक्टेयर बा.द्वितीय सम्पूर्ण, खसरा नम्बर 173/532 रकबा 1.0117 हैक्टेयर बा.द्वितीय सम्पूर्ण एवं खसरा नम्बर 173/530 रकबा 0.9793 हैक्टेयर बा.द्वितीय सम्पूर्ण कुल संलग्न खसरा नक्शा में चिन्हित 8.95 हैक्टेयर भूमि को चारागाह दर्ज किये जाने का आदेश दिया जाता है।

1. चारागाह विकास शुल्क 50000.00 रुपये प्रति बीघा में वर्ष 2018-19 से 2023-24 तक प्रतिवर्ष 5 प्रतिशत की बढ़ोतरी करते हुए विकास शुल्क राशि रुपये 3753680.00 अक्षरे सैंतीस लाख तिरैपन हजार छः सौ अस्सी मात्र जरिए चालान जीआरएन 77865835 दिनांक 06.07.23 द्वारा राजकोष में जमा करवाया जा चुका है।
2. खनन पट्टा की लीज अवधि समाप्त होने पर उक्त भूमि सिवायचक के रूप में समस्त प्रयोजनों हेतु उपलब्ध रहेगी एवं भविष्य में आवश्यकता होने पर चारागाह के रूप में भी आरक्षित किया जा सकेगा।
3. प्रस्तावित चारागाह भूमि के जमाबन्दी के विशेष विवरण कॉलम में स्वीकृत खनन लीज की समयावधि का विवरण अंकित किया जायेगा।
4. जमा विकास शुल्क का इस कार्यालय के पूर्व अनुमोदन से स्थानीय ग्राम पंचायत द्वारा ग्राम के पशुओं के कल्याण हेतु उपयोग में लिया जा सकेगा।
5. उक्त स्वीकृति माननीय राजस्थान उच्च न्यायालय जोधपुर में विचाराधीन डी.बी.सिविल रिट याचिका संख्या 1138/2022 मंगलाराम व अन्य बनाम राजस्थान राज्य व अन्य के अन्तिम निर्णय के अधधीन रहेगी।

क्रमांक सम/
प्रतिलिपि

5156-61

1. उपखण्ड अधिकारी, नागौर
2. तहसीलदार, नागौर
3. खनि अभियंता, नागौर
4. प्राधिकृत अधिकारी, जे.एस.सीमेन्ट लिमिटेड, जे.एस.डब्ल्यू सेन्टर, बान्द्रा-कुर्ला कॉम्प्लेक्स, बान्द्रा (ईस्ट) मुम्बई को सूचनाार्थ।
5. तहसील राजस्व लेखाकार, मार्फत तहसीलदार, नागौर
6. ग्राम विकास अधिकारी एवं पदेन सचिव, ग्राम पंचायत, सरासनी (नागौर)
7. संरक्षित पत्रावली

(डॉ.अमित यादव)
जिला कलक्टर, नागौर

दिनांक

08-09-23

Signature valid

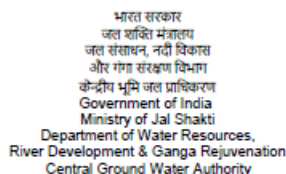
Digitally signed by Amit Yadav
Designation: Collector & District
Magistrate
Date: 2023.09.07 18:03:32 IST
Reason: Approved

sjKaj Ref No. : 4417746

1.2	Miscellaneous	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.	Agree to Comply	Plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides as per the mining plan, the local species in consultation with the State Forest Department are being followed. The density of the trees will be 2500 saplings per Hectare as per the CPCB guidelines being adhered. Separate budgetary provision made for maintenance.
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2. Statutory Compliance

2.1	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."	Being complied	JSW initiated mining operations in March 2025. All mitigation measures outlined in the MoEFCC guidelines have been integrated into the Environmental Management Plan (EMP) and are being systematically monitored to ensure ongoing compliance.
2.2	Statutory Compliance	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd 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	Complied	As this is an auctioned limestone-mining block and no unauthorized or illegal mining activities have been undertaken, no compensation is applicable or liable to be imposed by the State Government.
2.3	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. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time	Agree to Comply	JSW initiated mining operations in March 2025, we will inform to MoEFCC for any change in ownership of the mining lease.
2.4	Statutory Compliance	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Complied	CGWA permission has been obtained for withdrawal of ground water



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 (avp - Environment And Sustainability), M/s. Jsw Cement Limited, 3rd Floor, Jsw Centre, Bandra Kurla 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/1/2024/8281				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						
Abstraction Structure*		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
		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: cwa-moc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

2.5	Statutory Compliance	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable	Agree to Comply	The Environmental Clearance (EC) granted for this project shall remain subject to any orders, judgments, or directions issued by the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble National Green Tribunal (NGT), and any other competent judicial authority. Furthermore, all conditions arising from the <i>Common Cause</i> judgment, as applicable, will be strictly adhered to and incorporated into the compliance framework.
2.6	Statutory Compliance	The project proponent shall obtain authorization under the Hazardous and	Being complied	Hazardous waste authorization under the Hazardous and other

		other Waste Management Rules, 2016 as amended from time to time.		Waste Management Rules, 2016 will be obtained from RSPCB.
2.7	Statutory Compliance	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Complied	Consent to Establish / Operate for this project under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 has already obtained.
2.8	Statutory Compliance	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area)	Being Complied	JSW initiated mining operations in March 2025, Wildlife Management Plan and has been approved by the Chief Wildlife Warden of State Forest Department. The implementation report will be furnished.
2.9	Statutory Compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Complied	The project does not require NBWL clearance, as there are no National Parks, Biosphere Reserves, Wildlife Sanctuaries, Tiger or Elephant Corridors, migratory routes of wild animals, Ramsar sites, Reserve Forests, or Protected Forests within a 10 km radius of the project site. Permission copy obtained from DFO is mentioned below

राजस्थान सरकार
राजस्थान सरकार
कार्यालय उप वन संरक्षक, नागौर

स्टेडियम के पास, नागौर, फोन : 01582-241046, फैक्स : 01582-246175, ईमेल : dcf.ngr.forest@rajasthan.gov.in

क्रमांक : एफ () तक/उवसं/2019-20/2567 दिनांक : १०.०५.१९

निमित्त :

मुख्य वन संरक्षक (वन्यजीव),
जयपुर

Sub : Request for Authentication of Location Map in respect of National Park, Wildlife Sanctuaries, Biosphere, Tiger/Elephant Reserves and Migratory Corridor of Wild Animals, Ramsar Site, Reserve forest and protected forest(existing as well as proposed) within 10 km radius of the Proposed Limestone Mine of M/s. JSW Cement Limited at (Block 3B2, Applied ML Area- 470.00 ha.) near Village: Sarasani, Tehsil: Nagaur, District: Nagaur, Rajasthan.

संदर्भ : आपका पत्रांक 6367 दिनांक 30.04.2019

महोदय,

उपरोक्त विषयान्तर्गत लेख है कि Request for Authentication of Location Map in respect of National Park, Wildlife Sanctuaries, Biosphere, Tiger/Elephant Reserves and Migratory Corridor of Wild Animals, Ramsar Site, Reserve forest and protected forest(existing as well as proposed) within 10 km radius of the Proposed Limestone Mine of M/s. JSW Cement Limited at (Block 3B2, Applied ML Area- 470.00 ha.) near Village: Sarasani, Tehsil: Nagaur, District: Nagaur, Rajasthan संबंध में प्रकरण प्राप्त हुआ जिसके मौका निरीक्षण हेतु क्षेत्रीय वन अधिकारी नागौर प्रेषित किया गया। क्षेत्रीय वन अधिकारी, नागौर से प्राप्त पूर्व रिपोर्ट अनुसार आवेदित क्षेत्र में राष्ट्रीय उद्यान, अभ्यारण, बायोस्फेयर रिजर्व, वाईल्ड लाईफ कोरीडोर, टाईगर/हाथी रिजर्व नहीं है। एवं आरक्षित वन व रक्षित वन भूमि नहीं है।

भवदीय
Mohit
(मोहित गुप्ता)
उप वन संरक्षक
नागौर

2.10	Statutory Compliance	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Complied	No Reserve Forest or Protected Forests within a 10 km radius of the project site. Permission copy obtained from DFO dated 09.05.2019 .
2.11	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	Agree to comply	A copy of the Environmental Clearance (EC) letter will be duly forwarded to the concerned Panchayat / local NGO or stakeholder from whom suggestions or representations were received during the proposal processing stage, in compliance with the stipulated conditions
2.12	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.	Being complied	Noted

2.13	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	The public notice regarding the grant of Environmental Clearance (EC) was published in <i>Rajasthan Patrika</i> and <i>The Times of India</i> on 07.09.2020. Copies of these publications were submitted to the concerned authorities and subsequently resubmitted on 23rd November 2023 along with the six-monthly EC compliance report, in accordance with regulatory requirement
2.14	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 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.	Complied	JSW commenced operations since March 2025, no illegal mining activities/ operation has been carried out hence no compensation is applicable/due to be levied by the State Govt.

3. Air Quality Monitoring And Preservation

3.1	Air Quality Monitoring And Preservation	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.	Being complied	Mining operations commenced in March 2025. Three Continuous Ambient Air Quality Monitoring (CAAQM) stations have been received at the site and are currently in the commissioning stage. These stations are strategically located outside the plant area at 120° intervals, ensuring coverage of both upwind and downwind directions.
3.2		The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and	Being complied	JSW initiated mining operations in March 2025.,now fugitive emissions will be carried out The reports will submitted to board office once the mines gets stabilised fully Continuous Ambient Air Quality Monitoring (CAAQM) stations have been received at the site

		PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions		and are currently in the commissioning stage. These stations are strategically located outside the plant area at 120° intervals, ensuring coverage of both upwind and downwind directions.
3.3		Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards	Being complied	Air Pollution Control (APC) system is being provided for all the dust-generating points and will comply prescribed stack emission and fugitive emission standards.
3.4		The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Being complied	Ambient air quality monitoring is being conducted at prominent places and monitoring report for the period: April-2025 to September-2025 is mentioned below

S. No.	Parameters	Plant Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	44.77	41.13	42.98	43.46	39.82	41.67	41.99	38.35	40.20
2	Particulate Matter (PM ₁₀)	85.07	78.15	81.67	82.58	75.66	79.18	79.78	72.86	76.38
3	Nitrogen Dioxide (NO ₂)	23.57	21.65	22.62	22.88	20.96	21.93	22.10	20.18	21.16
4	Sulphur Dioxide (SO ₂)	13.09	10.36	12.06	12.71	10.03	11.69	12.28	9.66	11.28
5	Carbon Monoxide (as CO), mg/m ³	0.65	0.52	0.60	0.64	0.50	0.58	0.61	0.48	0.56
6	Suspended Particulate Matter (as SPM)	416.84	382.94	400.17	404.64	370.73	387.97	390.92	357.01	374.25

S. No.	Parameters	Plant Site								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	39.01	35.36	37.21	35.32	31.68	33.53	33.54	29.90	31.75
2	Particulate Matter (PM ₁₀)	74.11	67.19	70.71	67.11	60.19	63.71	63.73	56.81	60.33
3	Nitrogen Dioxide (NO ₂)	20.53	18.61	19.59	18.59	16.67	17.65	17.65	15.74	16.71
4	Sulphur Dioxide (SO ₂)	11.41	8.91	10.44	10.33	7.98	9.41	9.81	7.53	8.91
5	Carbon Monoxide (as CO), mg/m ³	0.57	0.45	0.52	0.52	0.40	0.47	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	363.14	329.23	346.47	328.84	294.93	312.17	312.28	278.37	295.60

S. No.	Parameters	3B2 Mine Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	39.20	35.56	37.41	37.99	34.35	36.20	35.78	32.14	33.99
2	Particulate Matter (PM ₁₀)	74.48	67.56	71.08	72.18	65.26	68.78	67.99	61.07	64.59
3	Nitrogen Dioxide (NO ₂)	20.63	18.71	19.69	19.99	18.08	19.05	18.83	16.92	17.89
4	Sulphur Dioxide (SO ₂)	11.46	8.95	10.50	11.11	8.65	10.16	10.46	8.09	9.54
5	Carbon Monoxide (as CO), mg/m ³	0.57	0.45	0.52	0.56	0.43	0.51	0.52	0.40	0.48
6	Suspended Particulate Matter (as SPM)	364.95	331.04	348.28	353.68	319.77	337.01	333.15	299.24	316.48

S. No.	Parameters	3B2 Mine Site								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.54	29.90	31.75	30.91	27.27	29.12	29.57	25.93	27.78
2	Particulate Matter (PM ₁₀)	63.73	56.81	60.33	58.73	51.81	55.33	56.18	49.26	52.78
3	Nitrogen Dioxide (NO ₂)	17.65	15.74	16.71	16.27	14.35	15.33	15.56	13.65	14.62
4	Sulphur Dioxide (SO ₂)	9.81	7.53	8.91	9.04	6.87	8.17	8.65	6.53	7.80
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.45	0.34	0.41	0.43	0.33	0.39
6	Suspended Particulate Matter (as SPM)	312.28	278.37	295.60	287.78	253.87	271.10	275.28	241.37	258.61

S. No.	Parameters	Village-Jindas								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	37.22	33.57	35.43	35.98	32.34	34.19	34.56	30.92	32.77
2	Particulate Matter (PM ₁₀)	70.71	63.79	67.31	68.37	61.45	64.97	65.67	58.75	62.27
3	Nitrogen Dioxide (NO ₂)	19.59	17.67	18.64	18.94	17.02	18.00	18.19	16.27	17.25
4	Sulphur Dioxide (SO ₂)	10.88	8.45	9.94	10.52	8.14	9.60	10.11	7.79	9.20
5	Carbon Monoxide (as CO), mg/m ³	0.54	0.42	0.50	0.53	0.41	0.48	0.51	0.39	0.46
6	Suspended Particulate Matter (as SPM)	346.48	312.57	329.81	335.01	301.11	318.34	321.78	287.88	305.11

S. No.	Parameters	Village-Jindas								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	32.09	28.45	30.30	29.59	25.95	27.80	27.87	24.23	26.08
2	Particulate Matter (PM ₁₀)	60.98	54.06	57.58	56.23	49.31	52.83	52.95	46.03	49.55
3	Nitrogen Dioxide (NO ₂)	16.89	14.98	15.95	15.58	13.66	14.63	14.67	12.75	13.73
4	Sulphur Dioxide (SO ₂)	9.38	7.17	8.51	8.65	6.54	7.80	8.15	6.10	7.32
5	Carbon Monoxide (as CO), mg/m ³	0.47	0.36	0.43	0.43	0.33	0.39	0.41	0.31	0.37
6	Suspended Particulate Matter (as SPM)	298.80	264.89	282.13	275.53	241.62	258.85	259.46	225.55	242.78

S. No.	Parameters	Village Bhadana								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	35.46	31.82	33.67	36.62	32.97	34.83	33.75	30.11	31.96
2	Particulate Matter (PM ₁₀)	67.37	60.45	63.97	69.57	62.65	66.17	64.13	57.21	60.73
3	Nitrogen Dioxide (NO ₂)	18.66	16.75	17.72	19.27	17.35	18.33	17.76	15.85	16.82
4	Sulphur Dioxide (SO ₂)	10.37	8.01	9.45	10.71	8.30	9.77	9.87	7.58	8.97
5	Carbon Monoxide (as CO), mg/m ³	0.52	0.40	0.47	0.54	0.42	0.49	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	330.11	296.21	313.44	340.89	306.99	324.22	314.24	280.33	297.56

S. No.	Parameters	Village Bhadana								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	31.32	27.68	29.53	28.04	24.39	26.25	26.95	23.31	25.16
2	Particulate Matter (PM ₁₀)	59.51	52.59	56.11	53.27	46.35	49.87	51.20	44.28	47.80
3	Nitrogen Dioxide (NO ₂)	16.48	14.57	15.54	14.76	12.84	13.81	14.18	12.27	13.24
4	Sulphur Dioxide (SO ₂)	9.16	6.97	8.29	8.20	6.14	7.37	7.88	5.87	7.06
5	Carbon Monoxide (as CO), mg/m ³	0.46	0.35	0.41	0.41	0.31	0.37	0.39	0.29	0.35
6	Suspended Particulate Matter (as SPM)	291.60	257.69	274.93	261.02	227.12	244.35	250.88	216.97	234.21

S. No.	Parameters	Village-Harima								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.82	30.17	32.03	34.83	31.19	33.04	32.96	29.32	31.17
2	Particulate Matter (PM ₁₀)	64.25	57.33	60.85	66.18	59.26	62.78	62.62	55.70	59.22
3	Nitrogen Dioxide (NO ₂)	17.80	15.88	16.86	18.33	16.42	17.39	17.35	15.43	16.40
4	Sulphur Dioxide (SO ₂)	9.89	7.60	8.99	10.18	7.85	9.27	9.64	7.38	8.75
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.51	0.39	0.46	0.48	0.37	0.44
6	Suspended Particulate Matter (as SPM)	314.83	280.92	298.15	324.28	290.37	307.61	306.84	272.93	290.17

S. No.	Parameters	Village-Harima								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	30.14	26.50	28.35	28.83	25.18	27.04	27.69	24.05	25.90
2	Particulate Matter (PM ₁₀)	57.27	50.35	53.87	54.77	47.85	51.37	52.62	45.70	49.22
3	Nitrogen Dioxide (NO ₂)	15.86	13.95	14.92	15.17	13.25	14.23	14.58	12.66	13.63
4	Sulphur Dioxide (SO ₂)	8.81	6.67	7.96	8.43	6.34	7.59	8.10	6.06	7.27
5	Carbon Monoxide (as CO), mg/m ³	0.44	0.33	0.40	0.42	0.32	0.38	0.40	0.30	0.36
6	Suspended Particulate Matter (as SPM)	280.62	246.72	263.95	268.37	234.47	251.70	257.84	223.93	241.17

S. No.	Parameters	Village-Sarasani								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	38.16	34.52	36.37	39.65	36.01	37.86	37.54	33.89	35.75
2	Particulate Matter (PM ₁₀)	72.51	65.59	69.11	75.33	68.41	71.93	71.32	64.40	67.92
3	Nitrogen Dioxide (NO ₂)	20.09	18.17	19.14	20.87	18.95	19.92	19.76	17.84	18.81
4	Sulphur Dioxide (SO ₂)	11.16	8.69	10.21	11.59	9.07	10.62	10.98	8.54	10.03
5	Carbon Monoxide (as CO), mg/m ³	0.56	0.43	0.51	0.58	0.45	0.53	0.55	0.43	0.50
6	Suspended Particulate Matter (as SPM)	355.30	321.39	338.63	369.12	335.21	352.44	349.47	315.56	332.80

S. No.	Parameters	Village-Sarasani								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	35.99	32.35	34.20	32.28	28.64	30.49	30.78	27.14	28.99
2	Particulate Matter (PM ₁₀)	68.38	61.46	64.98	61.33	54.41	57.93	58.48	51.56	55.08
3	Nitrogen Dioxide (NO ₂)	18.94	17.02	18.00	16.99	15.07	16.05	16.20	14.28	15.26
4	Sulphur Dioxide (SO ₂)	10.52	8.15	9.60	9.44	7.21	8.56	9.00	6.83	8.14
5	Carbon Monoxide (as CO), mg/m ³	0.53	0.41	0.48	0.47	0.36	0.43	0.45	0.34	0.41
6	Suspended Particulate Matter (as SPM)	335.06	301.15	318.39	300.52	266.61	283.84	286.55	252.64	269.88

3.5	Air Quality Monitoring And Preservation	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles	Complied	Regular water spraying at stockpiles at mines.
3.6		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 PM ₁₀ and PM _{2.5} 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 MoEFCC/ Central Pollution Control Board	Complied	Effective safeguard measures are being implemented to prevent dust generation and ensure effective suppression in areas prone to air pollution, such as haul roads, loading/unloading points, and transfer stations where elevated PM ₁₀ and PM _{2.5} levels are observed. These measures include regular water sprinkling, construction of metalled roads, and periodic preventive maintenance of equipment and machinery. Additionally, the use of water-soluble chemical dust suppressants will be explored to enhance the

				<p>efficiency of the dust control system.</p> <p>JSW is fully complying with the standards prescribed by the MoEF&CC and the Central Pollution Control Board (CPCB).</p>
3.7		<p>The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises</p>	Being complied	<p>There are no process stacks at the mine site; therefore, Continuous Emission Monitoring Systems (CEMS) are not applicable.</p> <p>The crusher installation is currently under progress manual monitoring will be conducted after installation of bagfilter and emissions will be reported.</p>
3.8		<p>The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.</p>	Agree to comply	<p>Leak proof trucks/dumpers are being adopted for transportation of limestone and covered with tarpaulin.</p>
3.9		<p>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. PM10, PM2.5, NO2, CO and SO2 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.</p>	Being complied	<p>Continuous Ambient Air Quality Monitoring (CAAQM) stations have been received at the site and are currently in the commissioning stage. These stations are strategically located at an angle of 120°, ensuring coverage of both upwind and downwind directions. The data will be displayed at Mines site</p>

3.10		Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars	Agree to comply	The ventilation system for tunnels, motor houses, and oil cellars will be designed in accordance with the ACGIH Industrial Ventilation
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4. Water Quality Monitoring And Preservation

4.1		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	Rainwater Harvesting pit will be developed and implemented to augment ground water resources on long-term basis in the area in consultation with Central Ground Water Board and report on amount of water recharged will be submitted to the RO-MOEFCC on annually basis.
4.2		The proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Complied	Ground water level and quality monitoring is being carried out in and around the mine lease area by establishing a network of existing wells as well as new piezometer installations as per CGWA guidelines. Detailed Ground Water Level and Quality Report for the period: Summer & Monsoon (May-2025 & Aug-25)

WATER LEVEL IN AND AROUND THE MINE LEASE AREA

S. No.	Locations	Source	Latitude & Longitude	Water Level (In Meter)	
				May-2025	Aug-2025
1.	At Plant Site (PZ-1)	Piezowell	27°17'14" & 73°50'9"	66.5	64.0
2.	At Mine Office (PZ-1)	Piezowell	27°15'54" & 73°53'57"	60.0	58.0
3.	Village - Sarasani	Borewell	27°15'56" & 73°54'50"	73.0	72.0
4.	Village - Ewad	Borewell	27°17'26" & 73°57'48"	67.0	64.0
5.	Village - Deh	Borewell	27°18'45" & 73°54'12"	58.0	55.0
6.	Village - Sadokan	Borewell	27°13'27" & 73°50'48"	42.0	40.0
7.	Village - Somna	Borewell	27°15'15" & 73°57'8"	49.0	48.0
8.	Village - Khetolao	Borewell	27°13'43" & 73°54'42"	61.5	68.0
9.	Village - Bhadana	Borewell	27°16'6" & 73°49'3"	74.0	72.0
10.	Village - Harima	Borewell	27°15'30" & 73°51'29"	62.5	59.0
11.	Village - Jindas	Borewell	27°17'45" & 73°49'44"	89.5	86.0
12.	Village - Kishanpura	Borewell	27°20'23" & 73°54'30"	56.0	53.0
13.	Village - Malgaon	Borewell	27°16'51" & 73°47'20"	61.5	58.0
14.	Village - Jharisara	Borewell	27°21'8" & 73°49'53"	62.5	60.0
15.	Village - Pyau	Borewell	27°19'32" & 73°48'10"	42.0	40.0

4.3		The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.	Complied	No lime sludge is being generated from mining activity, hence it is not applicable
4.4		Adhere to Zero Liquid Discharge	Complied	No waste is letting out from the mines premises.
4.5		Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Being complied	No domestic wastewater is generated, except for a very small quantity from washrooms, which is directed to a soak pit.
4.6		Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Agree to comply	JSW has commenced its mining operation in Mar-25. JSW will construct the garland drains and siltation ponds of appropriate size around the mine working to prevent run off of water
4.7		The project proponent shall practice rainwater harvesting to maximum possible extent.	Agree to comply	JSW has commenced its Mining operation in Mar-2025. Rain water Harvesting pit will be developed and implemented to maximum possible extent
4.8		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 Suspended 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	No polluted water generated from mining operations, currently very small mining pit was developed and no water surface runoff currently. The water quality is monitored periodically for the parameters Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). once the water is accumulated.
4.9		The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.		This point is not applicable
4.10		In case, immediate mining scheme envisages intersection of ground water	Agree to comply	In case of ground water intersection, prior permission

		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 later stage, then PP shall ensure that prior approval from CGWA and MoEFCC 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.		will be obtained from CGWA and MoEF&CC.
4.11		The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground aa to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Complied	No effluent is generated from mining operations and manual monitoring of ground water quality is mentioned below

**GROUND WATER QUALITY ANALYSIS REPORT - IN AND AROUND THE MINE LEASE AREA: MAY-2025
(SUMMER SEASON)**

S. No.	Parameters	Plant Site (Borewell)	Mines Site (RO Water)	Village Jindas (Water Storage Tank)	Village Bhadana (Borewell)	Village Harima (Govt. School)	Village Sarasani (Water Tank Storage)
1.	pH	7.12	7.28	6.95	6.84	7.28	7.09
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO ₃), mg/l	2741	67	120	403	971	104
7.	Calcium (as Ca), mg/l	885	11.2	22.5	78.5	181	17.6
8.	Total Alkalinity (as CaCO ₃), mg/l	206	85	126	542	285	91
9.	Chloride (as Cl), mg/l	5426	26	29.5	910.2	1125	38.2
10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	129	9.5	15.6	50.2	126	14.6
12.	Total Dissolved Solids, mg/l	11285	194	241	2456	3185	238
13.	Sulphate (as SO ₄), mg/l	381	25.6	27.6	549	319	41.2
14.	Fluoride (as F), mg/l	1.02	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	2.24	1.24	0.25
15.	Nitrate (as NO ₃), mg/l	38.25	6.10	4.05	17.5	5.85	5.42
16.	Iron (as Fe), mg/l	0.69	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	0.41	0.11	0.21
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)

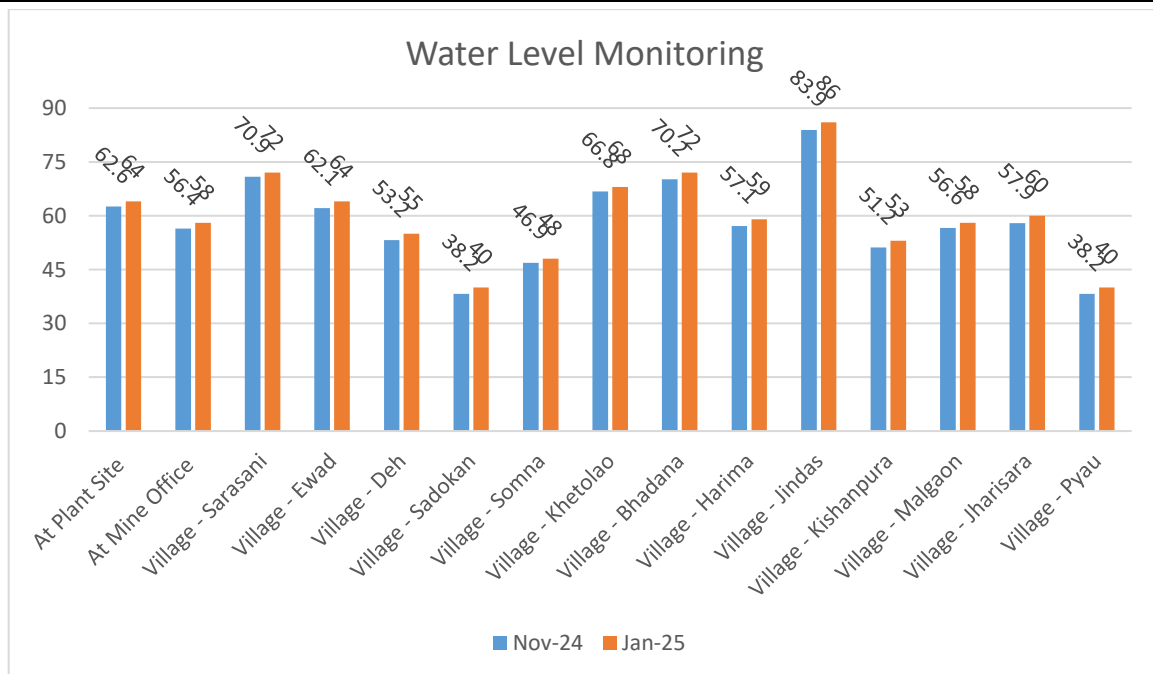
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
22.	Zinc (as Zn), mg/l	0.48	BLQ (LOQ-0.2)	BLQ (LOQ-0.2)	0.41	0.25	0.21
23.	Copper (as Cu), mg/l	0.26	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
30.	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent
31.	E. Coli	Absent	Absent	Absent	Absent	Absent	Absent
32.	Electrical Conductivity, $\mu\text{S}/\text{cm}$	18100	310	380	3940	5110	360
33.	Total Suspended Solids, mg/l	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)
34.	Ammonia (as N), mg/l	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)
35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
37.	Sodium (as Na), mg/l	458	8.26	12.6	245.0	950	11.6
38.	Potassium (as K), mg/l	4.38	BLQ (LOQ 1.0)	1.59	8.6	58	1.72
39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
41.	Total Pesticides, $\mu\text{g}/\text{l}$	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
42.	Hexavalent Chromium (as Cr^{+6}), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)

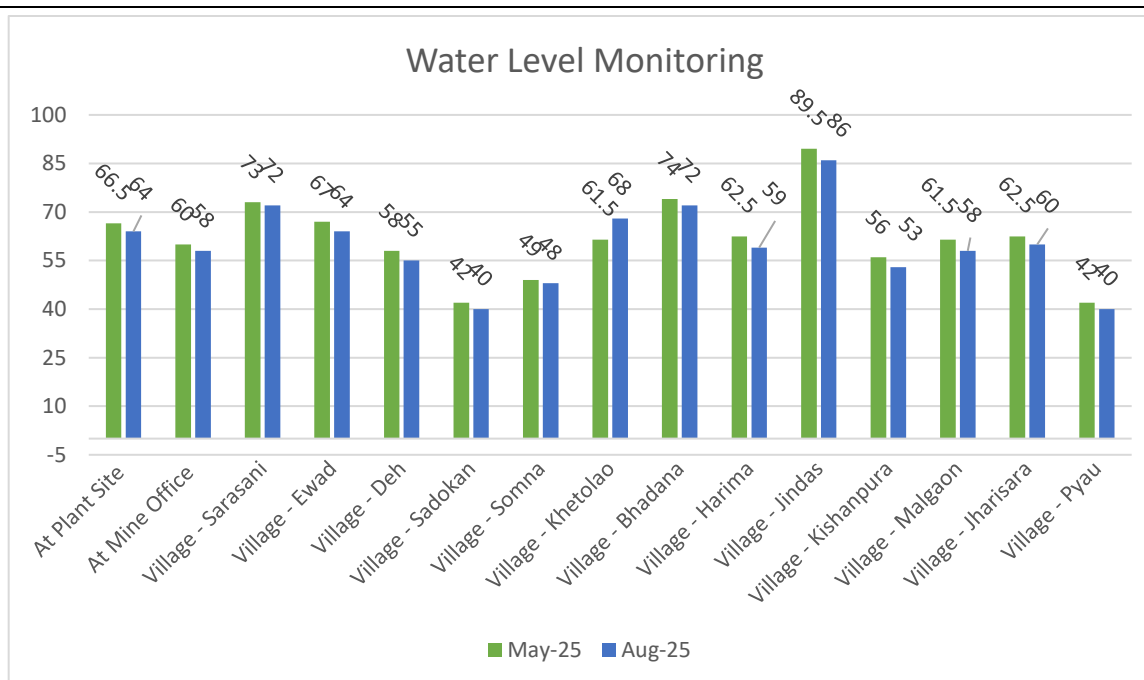
**GROUND WATER QUALITY ANALYSIS REPORT - IN AND AROUND THE MINE LEASE AREA: AUG-2025
(MONSOON)**

S. No.	Parameters	Plant Site (Borewell)	Mines Site (RO Water)	Village Jindas (Water Storage Tank)	Village Bhadana (Borewell)	Village Harima (Govt. School)	Village Sarasani (Water Tank Storage)
1.	pH	7.02	7.32	6.84	6.71	7.31	7.01
2.	Colour	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3.	Turbidity (NTU)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO_3), mg/l	2844.0	75.0	140.0	450.0	1057.38	130.0
7.	Calcium (as Ca), mg/l	910.0	12.0	20.0	68.1	198.0	20.0
8.	Total Alkalinity (as CaCO_3), mg/l	210.2	90.	120.0	550.0	295.0	100.0
9.	Chloride (as Cl), mg/l	5527.0	30.0	32.8	949.7	1230.0	40.0

10.	Cyanide (as CN), mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
11.	Magnesium (as Mg), mg/l	139.37	10.9	21.9	68.04	136.90	19.4
12.	Total Dissolved Solids, mg/l	11540	203	255.0	2510	3216	247.0
13.	Sulphate (as SO ₄), mg/l	410	28.0	31	605	354	46.0
14.	Fluoride (as F), mg/l	1.11	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	2.49	1.34	0.28
15.	Nitrate (as NO ₃), mg/l	44.21	5.69	4.92	20.4	6.99	6.52
16.	Iron (as Fe), mg/l	0.82	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	0.48	0.14	0.24
17.	Aluminium (as Al) mg/l	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)	BLQ (LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
22.	Zinc (as Zn), mg/l	0.59	BLQ (LOQ-0.2)	BLQ (LOQ-0.2)	0.57	0.32	0.25
23.	Copper (as Cu), mg/l	0.41	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)	BLQ (LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)	BLQ (LOQ 0.002)
26.	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
27.	Selenium (as Se), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
28.	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
29.	Mercury (as Hg), mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
30.	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent
31.	E. Coli	Absent	Absent	Absent	Absent	Absent	Absent
32.	Electrical Conductivity, µs/cm	17750	360	370	4400	4948	358
33.	Total Suspended Solids, mg/l	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)
34.	Ammonia (as N), mg/l	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)	BLQ (LOQ 0.3)
35.	Nickel (as Ni), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
36.	Free Residual Chlorine, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
37.	Sodium (as Na), mg/l	458	8.26	12.6	245.0	950	11.6
38.	Potassium (as K), mg/l	4.38	BLQ (LOQ 1.0)	1.59	8.6	58	1.72
39.	Mineral Oil, mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
40.	Phosphate as P, mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
41.	Total Pesticides, µg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
42.	Hexavalent Chromium (as Cr ⁺⁶), mg/l	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)	BLQ (LOQ 0.01)
4.12		The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and				No natural watercourse/ water resources/ springs and perennial nallahs existing/	

	<p>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 showing the trend analysis on six-monthly basis</p>		<p>flowing in and around the mine lease including upstream and downstream.</p> <p>Sufficient number of gullies will be provided at appropriate places within the lease.</p> <p>The monitoring of water carried out four times in a year. The trend analysis is mentioned below.</p>
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4.13		Industrial wastewater (workshop and wastewater 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.	Being complied	Industrial wastewater from workshop will be collected and treated to conform to the notified standards. In addition, workshop effluent will be treated after its initial passage through Oil and grease trap.
4.14		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	The water balance/water auditing will be carried out for reducing the consumption of water the same will be submitted to Regional Office of the MoEF&CC and State Pollution Control Board.
4.15		The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories	Complied	No effluent is generated from mining activity, hence it is not applicable

4.16		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.	Complied	Regular monitoring of ground water level and quality in and around the mine and records are maintained The Report on changes in Ground water level and quality mentioned in the point no 4.2 & 4.11
Noise and Vibration Monitoring and Prevention				
5.1		The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines	Agree to comply	JSW commenced mining operations in March 2025. Peak Particle Velocity (PPV) will be monitored periodically at a distance of 500 meters or at the nearest habitation, whichever is closer to the mining pit, in strict compliance with the applicable DGMS guidelines.
5.2		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. PPs 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	We will ensure that all the appropriate measures will be taken to avoid the disturbance of biological clock of the human and animal population due to lights and also to keep the noise level well within the prescribed limits for day /night hours.
5.3		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 laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that	Agree to comply	JSW Cement Limited is implementing all necessary measures to maintain noise levels below 85 dB(A) in the work environment. Adequate Personal Protective Equipment (PPE) is provided to workers operating in high-noise areas. Ambient noise level monitoring is being carried

		workers/ personals/ laborers are working without personal protective equipment		out through an authorized laboratory, and the monitoring report for the period April 2025 to September 2025 is mentioned below for reference.
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Ambient Noise Level Monitoring Results For The Period: APR-2025 to SEPT-2025

S. No.	Noise Level Monitoring Locations	Apr'2025		May'2025		June'2025		July '2025		Aug'2025		Sep'2025	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
1	At Plant Site	63.5	52.8	60.8	51.4	61.5	52.3	61.2	50.9	59.6	49.2	57.8	48.1
2	At Mines Office/Core Library	60.5	51.6	59.2	50.9	58.4	43.7	58.2	47.7	56.7	45.1	55.9	43.2
3	Village Jindas	51.2	39.9	49.0	40.0	45.6	38.2	49.0	40.2	48.3	38.6	46.5	37.7
4	Village Bhadana	50.0	40.8	51.6	41.7	50.6	42.0	47.6	38.5	50.1	41.8	49.3	42.8
5	Village Harima	51.4	43.2	48.5	38.3	49.3	39.5	52.9	41.7	51.1	40.7	50.5	39.3
6	Village Sarasani	49.7	42.2	50.1	39.7	48.9	39.2	50.2	41.3	49.6	38.7	51.6	40.2

6.Noise Monitoring And Prevention

6.1		Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agree to Comply	The noise level survey will be conducted once the mines is in operational and we strictly adhered with the prescribed guidelines. The report of the survey will be submitted to the Regional Office of the Ministry as part of the six-monthly Environmental Clearance (EC) compliance report.
6.2		The ambient noise levels should conform to the standards prescribe	Complied	Ambient noise level monitoring is carried out through an authorized laboratory, and the monitoring report for the period April 2025 to September 2025 is Mentioned in the above point no 5.3

7. Energy Conservation Measures

7.1		Provide LED lights in their offices and residential areas	Agree to Comply	LED lighting will be installed in all office spaces and residential areas.
7.2		Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly	Agree to Comply	Solar power generation systems will be installed on the rooftops of buildings to promote renewable energy utilization. Additionally, solar lighting systems will be provided for all common areas, streetlights. These installations will be maintained regularly to ensure optimal performance and

				compliance with sustainability commitments.
8. Mining Plan				
8.1		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	JSW commenced mining operations in March 2025. The original Mining Plan was approved by IBM vide letter No. 584(4) (3) (1753) / 2018 RCOM-AJM dated 11.09.2018. Subsequently, based on detailed exploration and changes in material recovery and waste generation, a Modified Mining Plan was prepared and submitted to IBM on 29.08.2024. The Modified Mining Plan was approved by IBM vide letter No. E11790-MCDR MPCOLST / 18 /2024-AJM-IBM_RO_AJM dated 26.11.2024.
8.2		The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life 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 raised in the reclaimed area shall be governed as per approved mining plan. PP 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	Agree to comply	land-use, excavation, backfilling, and afforestation activities at the end of mine life will strictly adhered to the approved Mining Plan. Rehabilitated areas will be monitored until vegetation is self-sustaining, and compliance reports will be submitted to MoEFCC and its Regional Office on a half-yearly basis.”
9. Land Reclamation				
9.1		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.	Being Complied	JSW has commenced its mining operation in Mar-25. OB, waste and topsoil generated during the mining operations is being stacked at earmarked OB dump site(s) only and it will not be kept active for a long period of time. Dump height, width and angle of slope will be implemented as per the Approved Modified Mining Plan/DGMS and top soil will be

				used for reclamation and plantation only.
9.2		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/ leveling 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	JSW commenced mining operations in March 2025. We will maintain slope stability to prevent erosion through scientific vegetation using suitable native species. Gullies on slopes will be managed to safeguard dump stability, and dump masses will be consolidated using dozers and compactors for proper leveling. In critical areas, stabilization measures such as geo-textiles, geo-membranes, clay liners, and bentonite will be implemented as per best practices
9.3		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 belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly	Agree to Comply	JSW commenced mining operations in March 2025. To prevent water runoff and sediment flow into nearby water bodies, catch drains, settling tanks, and siltation ponds of appropriate size will be constructed around mine workings, mineral yards, and topsoil / OB / wastedumps. Collected water will be reused for dust suppression, road maintenance, and green belt. The drains / sedimentation sumps will be de-silted after monsoon season and maintained properly.
9.4		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 thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps	Agree to Comply	JSW has commenced its mining operation in Mar-25. JSW will construct check dams of appropriate sizes with 50 percent safety margin based on the last 50 years rainfall data around mine pit and OB dump to prevent storm run-off and sediment flow into adjoining water bodies.

		shall be constructed at the corners of the garland drains		The sedimentation pits/ sumps will be constructed at the corners of the garland drains
10. Waste Management				
10.1		Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)	Agree to Comply	If any, kitchen waste will be generated the same is either composted / converted to biogas
10.2		The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Agree to Comply	The waste oil, grease and other hazardous waste will be disposed off as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
11. Green Belt And Emp				
11.1		The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Agree to Comply	GHG emissions inventory for the plant will be prepared, We are aligned to the net zero target of the Government of India (GoI) by 2070
11.2		Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant	Being complied	Plantation activity started at mines site and approx. 3700 nos. of tree sapling has been planted on 3.5 ha. area within the Mine 3B2 Limestone Block lease, currently the plantation is carried out 7.5 m safety zone i.e periphery of the plant
12. Transportation				
12.1		The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take	Being complied	JSW has commenced its Mining operation since Mar-2025, Main haulage road is wetted with tanker-mounted water sprinkling system. The air pollution control equipment's of bag filters, installed at Crusher and transfer points. The belt-conveyors are being covered to avoid generation of dust during transportation

		necessary measures to avoid generation of fugitive dust emissions.		
12.2		No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].	Agree to comply	JSW is utilizing OLBC for material transportation. In cases where mineral transportation involves road movement through existing village or rural roads, consultations will be held with the concerned State Government department. Road capacity will be enhanced if required to manage traffic load. Additionally, regular water sprinkling will be carried out to control dust and vehicular emissions.
13. Public Hearing And Human Health Issues				
13.1		EC Conditions Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Agree to comply	Occupational health surveillance of the workers will be done on a regular basis and records maintained
13.2		Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Complied	JSW has commenced its mining operation in Mar-25. All the necessary provision/ Infrastructure facilities for the housing for workers/labours is being provided in the form of temporary structures, which can be removed after the completion of the project related infrastructure.
13.3		The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and	Agree to comply	Heat stress analysis for the workers who work in high temperature work zone and

		provide Personal Protection Equipment (PPE) as per the norms of Factory Act		provide Personal Protection Equipment will be carried out.
13.4		Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Agree to comply	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented
13.5		Project Proponent shall make provision for the housing for workers / labors 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 domestic waste water should be treated with STP in order to avoid contamination of underground water	Complied	JSW has commenced its mining operation in Mar-25. All the necessary provision / infrastructure facilities for the housing for workers/labours is being provided in the form of temporary structures, which can be removed after the completion of the project related infrastructure.

14. Green Belt

14.1		The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.	Being complied	Greenbelt development is being undertaken as per the Ministry's guidelines and the stipulations in the approved Mining Plan. At present, 3,700 tree saplings have been planted over 3.5 hectares within the 7.5-meter-wide safety zone along the mine lease boundary to arrest pollution from mining operations. The overall greenbelt will be fully developed within the first five years.
15.1		Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out	Agree to comply	JSW has commenced its mining operation in Mar-25, we will conduct self-environmental audit on annual basis once the mines is operational and third party audit will be carried out once in three years.
15.2		Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise	Agree to comply	An action plan for implementing the Environmental Management Plan (EMP) and stipulated environmental conditions, along with a

		funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.		company responsibility matrix, will be prepared and approved by the competent authority. Year-wise funds earmarked for environmental protection will be maintained in a separate account and will not be diverted for any other purpose. The year-wise progress of the action plan implementation will be reported to the Ministry and its Regional Office as part of the Six-Monthly Compliance Report.
15.3		A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Complied	An Environment Management Cell has been established under the supervision of a senior executive. The designated Senior Executive reports directly to the Plant Head and has been positioned at both the unit level and the corporate level.
15.4		The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.	Being complied	CER activities are being carried out as per the commitments made on the issues raised in PH and activities proposed under CER. Activities wise detailed CER/CSR report for the FY: 2025-26 is enclosed/reported below.

ACTIVITY WISE DETAILED CER/CSR REPORT FOR THE FY: 2025-26

Activity Wise Detailed CER/CSR Report Of All Running And Upcoming Programs

S. No.	Activities	Budget	YTD	Committ ed	Total Expendit ure	Remarks	Beneficiaries	Village
	Targeted	(Rs. Lakh)	Spend	Expendit ure			Total	
			(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)			
A	EDUCATION	616.66	107.99	331.66	439.66		1250	
A.1	Classroom at Govt. PS School Jindas	15.16	15.16	0.00	15.16	1 Classroom has been constructed at Jindas PS School	52	Jindas
A.2	Painting work at Govt. UPS School Jindas village	8.00	0.00	8.00	8.00	Painting work to be executed at UPS Jindas village	102	Jindas
A.3	Development of Mahatma Gandhi Vidhyalya and Tulchiram Gilda Government	153.00	0.00	0.00	0.00	Developing Govt. Schools in Model Schools at Bhadana	0	Bhadana

	Secondary School, Bhadana to model school with comprehensive infrastructure support, innovative aids including activity-based materials for Math, Science & English as well as ICT facilities for improved teaching & learning							
A.4	Construction of 3 Classrooms & Toilet in Govt. MG School Deh	33.50	0.00	33.50	33.50	3 classroom construction in MG school Deh with separated toilet for Girls and Boys is proposed (Size - 20x25 sqft for each room)	0	Deh
A.5	Ensuring proper Sanitation Facilities at School by building Toilet units separate for boys & girls	14.53	14.53	0.00	14.53	Boys toilet units completed in 3 schools of Bhadana, Harima and Deh villages	0	Harima, Bhadana
A.6	Developing Smart Classrooms in the Govt. Schools to promote digital learning	50.00	0.00	50.00	50.00	Digital learning initiative is planned in 8 Govt. Schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.7	Boundary wall construction & 2 Classrooms at Bhadana	30.00	0.00	30.00	30.00	Classroom and Boundary wall to be constructed in govt. schools (300 Mtrs length)	0	Bhadana
A.8	Classrooms at Sarasani Govt. School	26.50	26.50	0.00	26.50	2 Classrooms to be constructed at Sarasani school (Size 20x25 for each room)	163	Sarasani
A.9	Renovation, Repairing & Painting of Govt. School Buildings - Anganwadi, Roof treatment, Solar	57.00	0.00	57.00	57.00	Renovation of Anganwadis to be done	0	All Village
A.10	Providing basic amenities like Furniture, Green Boards	28.75	0.00	28.75	28.75	500 Furniture sets and whiteboards are to be provided in all 8 govt. schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.11	Harima School Waterproofing works	4.00	4.00	0.00	4.00	Govt. Upper primary school Harima	71	
A.12	Jindas School water proofing works	4.23	4.23	0.00	4.23	Waterproofing work is completed in Jindas Schools & Anganwadi	231	Jindas
A.13	School Waterproofing works in Bhadana Schools	7.55	7.55	0.00	7.55			
A.14	School Waterproofing works in Deh PEEO Schools	21.20	11.93	9.27	21.20	Roof waterproofing work to be executed in School of Deh PEEO area	631	Deh
A.15	Project Umang - Learning & Development Initiative in Schools - Eklavya	62.77	0.00	62.77	62.77	Project Umang in partnership with Ekalavya foundation		Sarasani, Jindas, Harima, Deh, Bhadana
A.16	Construction of School Toilets in Amarpura & Sadokan Panchayat	24.00	0.00	0.00	0.00	Sanitation facilities to be created in Schools	0	Amarpura, Sadokan
A.17	School Development activities at Village Sarasani	38.50	24.10	14.40	38.50	School development activities like One classroom construction, floor repair, renovation, and painting of Sarasani school	0	Sarasani
A.18	Financial support to Govt. schools for Participate in State level sports	0.97	0.00	0.97	0.97	Harima and Bhadana school		
A.19	Construction of 02 classroom and Boundry wall at Harima School	37.00	0.00	37.00	37.00	02 classroom and boundry wall at Govt School Harima		
B	HEALTHCARE	87.24	0.80	76.44	77.24		100	

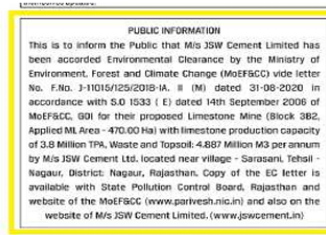
B.1	Primary Medical Facilities through Mobile Van	52.44	0.00	52.44	52.44	Mobile health Van to be deployed to ensure door step healthcare services		Sarasani, Jindas, Harima, Deh, Bhadana
B.2	Cancer Research Study for Nagaur	10.00	0.00	10.00	10.00	Cancer study to be conducted as per EC condition		Nagaur District
B.3	Infrastructure Improvement in Health Sub-Centre at Harima	10.00	0.00	0.00	0.00	Health Centre at Harima is planned		Harima
B.4	Vision Screening for villagers of DIZ village	9.50	0.00	9.50	9.50	Vision screening with free Specs distribution for the villagers of DIZ villages.		Sarasani, Jindas, Harima, Deh, Bhadana
B.5	Nutritional kit to TB patient	4.50	0.00	4.50	4.50	Nutritional kit support to 100 TB patient for 06 month at Nagaur district	100	Nagaur District
B.6	Ambulance support to district administration	0.80	0.80	0.00	0.80	Ambulance support to district administration		
C	LIVELIHOOD	316.17	42.16	274.01	316.17		4397	
C.1	Civil Consultant for establishing "Centre of Excellence"	7.00	0.00	7.00	7.00	CoE is planned to be established in Bhadana village	0	Bhadana
C.2	Project Tarang	207.00	29.35	177.65	207.00	Project Tarang in running with BAIF NGO under Agriculture & Livestock Development initiative	4323	Sarasani, Jindas, Harima, Deh, Bhadana
C.3	Project Bani-Thani	102.17	12.81	89.36	102.17	Project Bani-Thani is running under Women Empowerment initiative with COSV. 3 Training Centres are established for Stitching, Dorry making and Block printing works	74	Sarasani, Harima, Bhadana
D	WATER	288.49	27.49	216.00	243.49		4935	
D.1	Repairing and Renovation of existing water harvesting structures/ ponds/naadis etc. in the nearby villages	45.00	0.00	0.00	0.00	Renovation of existing ponds to be undertaken	0	
D.2	Developing/repairing of water infrastructures in the villages (Overhead Tank)	28.00	0.00	28.00	28.00	1 Lac ltr Over-head tank is planned in Sarasani village	0	Sarasani
D.3	Renovation of existing Pond at Bhadana	16.79	16.79	0.00	16.79	Renovation of existing pond of Bhadana village	3459	Bhadana
D.4	Borewell construction at Sarasani village	10.70	10.70	0.00	10.70	Borewell installation work is completed in Sarasani village	1476	Sarasani
D.5	Providing support for Construction of Individual Tanka (Rain Water Harvesting Structures) & IIHT	188.00	0.00	188.00	188.00	Family identification is under process for individual RRWHS and Toilet works	0	All villages
E	Rural Infrastructure	1062.92	37.26	335.30	372.56		4622	
E.1	Installation of Solar Street Lights for better illumination in the villages	27.50	0.00	27.50	27.50	250 nos. Street lights are planned to be Installed in Village Harima, Sarasani, Bhadana and Jindas.	3146	Sarasani, Jindas, Harima, Deh, Bhadana, Manjhwas, Salwa, Pithasiya, Somna
E.2	Construction/repairing of village Roads	100.00	0.00	100.00	100.00	1 KM Road to be constructed in Sarasani village	0	Sarasani
E.3	Establishing "Center of Excellence" having Skill Development School, Training Center of Women, Library for youths,	299.87	0.00	0.00	0.00	Center of Excellence to be developed	0	

	Open Gym, Classrooms for extra studies, wellness center etc with 6 AC rooms near plant premises or nearest villages in separate land. Installation of 50 nos. of sewing machines, 20 nos. of computer systems, 30 nos. of machines for making hand craft items along with necessary raw materials, organizing training program, vocational program etc.							
E.4	Providing buses along with Construction of Bus Stop	30.00	3.41	26.59	30.00	Rajasthan Roadway bus to be deployed in project area villages for local transportation	1476	Sarasani
E.5	Gaushala Shed Development and Soil filling work at Bhadana	60.00	15.91	44.09	60.00	Gaushala of Bhadana village is to be developed with Shed (Size 100x30 sqft), Soil filling work is completed in Gaushala	0	Bhadana
E.6	Fencing of Bhadana Pond and Boundary wall construction work for cremation ground	30.00	0.00	30.00	30.00		0	
E.7	Gaushala Shed Development works at Amarpura village	43.00	0.00	43.00	43.00	Gaushala Shed Development works at Amarpura village	0	Amarpura
E.8	Construction of water troughs	14.44	12.26	2.18	14.44	Water Trough construction is completed in Sarasani & Deh villages	0	Sarasani, Deh, Harima
E.9	Construction of Drainage system in the Bhadana village	50.00	0.00	0.00	0.00	Drainage system through Sewage in Bhadana village	0	Bhadana
E.10	Construction of Community Centers for Local community event, SHG meeting, organising functions etc. (Bhadana-2, Harima, Jindas, Sarasani, Malgaon)	182.50	0.00	22.00	22.00	Community centers for local communities	0	
E.11	Renovation of Community Center at Bhadana	11.00	0.00	11.00	11.00			
E.12	Construction of 5 Km CC Road with asphaltting connecting Nimbi Jodhan- Nagaur Road (Village Harima)	180.00	0.00	0.00	0.00	CC Road for Harima village	0	
E.13	Renovation of NIC Room at Nagaur District	8.00	0.00	8.00	8.00	Renovation of VC room at NIC, Nagaur	0	Nagaur
E.14	Soil filling & leveling work at DIC office, Nagaur	3.00	0.00	3.00	3.00	Soil filling & leveling work at DIC office, Nagaur	0	Nagaur
E.15	Financial Support to Grampanchayat Sarsani for village development activities	5.00	5.00	0.00	5.00	Financial Support to Grampanchayat Sarsani for village development activities	0	Sarasani
E.16	Boundry wall of cremation area at Bhadana village	15.90	0.00	15.90	15.90			
E.17	AC fitting at police station Roll	0.68	0.68	0	0.68			
E.18	Hiring of JCB and Water Tanker	2.04	0	2.04	2.04	Required for Civil work and water spraying at Bhadana road		
F	ENVIRONMENT	383.90	29.93	286.57	316.50		1000	
F.1	Plantation drives with Tree guards (Nearby villages & Amarpura)	35.10	17.67	17.43	35.10	Mass plantation to be conducted in DIZ villages	1000	Sarasani, Jindas, Harima, Deh, Bhadana

F.2	Tree Guard at 3PWD area by Mines dept	12.26	12.26	0.00	12.26	1000 tree guard to be provided		
F.3	Environment Related Activities	316.54	0.00	249.14	249.14	Works to be executed through Environment team	0	
F.4	Animal Rescue Ambulance for Forest Department	20.00	0.00	20.00	20.00	Works to be executed through Environment team	0	
G	SPORTS & CULTURE	16.04	13.00	3.04	16.04		1100	
G.1	National Youth Cultural Exchange Program	8.00	8.00	0.00	8.00	National Youth Cultural Exchange Program organized with Yuva Navras Foundation with 150+ participants across 22 states	200	
G.2	Support for Har Ghar tiranga abhiyan	2.20	0.00	2.20	2.20		0	
G.3	Sponsorship in Night cricket tournament at Deh	5.84	5.00	0.84	5.84		900	
H	PROGRAM & ADMIN	3.95	2.52	1.43	3.95		0	
H.1	Field Coordinator CSR	3.00	1.57	1.43	3.00	Field Coordinator under CSR	0	
H.2	Advertisement on independence day - JSW Cement	0.70	0.70	0.00	0.70			
H.3	School and CSR work inauguration at Sarasani	0.25	0.25	0.00	0.25			
	TOTAL	2775.37	261.15	1524.45	1785.60		17404.00	

15.5		All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	Complied	CREP guidelines not applicable to Limestone mines
15.6		The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation /violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied	The company has laid down and duly approved an Environmental Policy. A copy of the Board Resolution is included as part of the six-monthly compliance report for reference

16	Miscellaneous			
16.1		The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complied	The six-monthly compliance reports on the status of adherence to the stipulated environmental conditions on the Ministry's parivesh portal.
16.2		The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project	Complied	<p>JSW has commenced its Mining operation in Mar-2025.</p> <p>1.Date of financial closures is 10/05/2024.</p> <p>2.Final approval of the project by the concerned authorities is 10/05/2024.</p> <p>3.The date of start of land development work: 01/03/2025.</p> <p>The details of the same is submitted to regional office through the EC compliance report on half-yearly basis.</p>
16.3		The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Being complied	AAQ Monitoring conducted for the prescribed parameters core and bufferzones, the data is already mentioned in point no 3.4. and stack emission monitoring will be undertaken and monitored data will be duly displayed on the Company website.
16.4		The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.		<p>Public Notice advertisement in newspapers regarding grant of EC had been published in Rajasthan Patrika and The Times of India on 07.09.2020 and the Newspaper publication copies submitted to the concerned authorities.</p> <p>Copy of the newspapers has been submitted on 23rd Nov-2023 along with six monthly EC compliance report.</p>



बिजनेस रीस्टार्ट

बाजार की रफ्तार से टूट रहा कोरोना का चक्रव्यूह

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16.5		The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied	The copies of the environmental clearance has been submitted to the Heads of local bodies, Panchayats and Municipal Bodies
16.6		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	Agreed	Noted
16.7		Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under	Agreed	Noted

		Section 16 of the National Green Tribunal Act, 2010.		
16.8		The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied	The compliance status of the stipulated environmental clearance conditions and the results of monitored data are published on the company's website and updated on a half-yearly basis.
16.9		The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agree to comply	CER activities are being carried out as per the commitments made on the issues raised in PH and activities proposed under CER. Activities wise detailed CER/CSR report for the FY: 2025-26 is enclosed/reported below in standard condition no.: 15.4.
16.10		No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agree to comply	No further expansion or modifications in the plant without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
16.11		The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agree to comply	Noted
16.12		The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agree to comply	Environmental statement for each financial year in Form-V will be submitted to the concerned State Pollution Control Board on or before 30 th Sept as per Environment (Protection) Rules, 1986, as amended subsequently and the same will be displayed on the website of the company.
16.13		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.	Agreed	Noted
16.14		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) by furnishing the requisite data / information / monitoring reports	Agree to comply	Jsw will extend full cooperation to the office from MoEF&CC by furnishing the requisite data/information/ monitoring reports.

16.15		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.	Complied	JSW has commenced its Mining operation in Mar-2025. 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: 01/03/2025. The details of the same is submitted to regional office through the EC compliance report on half-yearly basis.
16.16		In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble 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 regrassing 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	Being complied	JSW will undertake regrassing the mining area and plantation activities after end of the life of mine.
16.17		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	JSW has commenced its mining operation in Mar-25. Mineral exploration activity completed and Modified Mining Plan was approved by IBM vide letter No.: E11790-MCDR-MPCOLST/18/2024-AJM-IBM_RO_AJM dated 26.11.2024. JSW will prepare and submit the digital map (Land Use and Land Cover) of the entire lease area once in 5 year from the commencement of mining operation.
16.18		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, MoEF&CC.	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.

16.19		The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agree to comply	Noted
16.20		Concealing factual data failure to comply with any or submission of false/fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed	Noted
16.21		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	Agreed	Noted
16.22		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 28/05/2025.
17. Corporate Environment Responsibility (Cer)				
17.1		The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project	Being complied	CER activities are being carried out as per the commitments made on the issues raised in PH and activities proposed under CER. Activities wise detailed CER/CSR report for the FY: 2025-26 is enclosed in the point 15.4

थारशोभा खेजड़ी वितरण
से हरियाली की ओर कदम

[illegible]

मौजे और सम्बन्धित स्तर पर अन्य के सम्बन्ध सुनिश्चित हैं। विभिन्नस्तर पर विस्थापन भ्रमणों के माध्यम कि इसमें पेशकश है और इतनी में पैर, पैर, पैर, पैर, पैर, पैर और पैर। यह 2600 पैरों का भी दर्शन किया गया है। इसके सम्बन्ध ही लक्ष्यों और विभिन्न विधियों के माध्यम की गई है, लेकिन पैरों की सुनिश्चित व्यवस्था के सन्ने। पैरों की सुनिश्चित की विभिन्न विधियों के माध्यम की ली है। इस सम्बन्ध में दो क्षेत्र में हरिकृष्ण मोर्गे, पर्यटन, पर्यटन में सुनिश्चित मोर्गे और सम्बन्धित पैरों के पैरों की सुनिश्चित आगमन विधि।

बाज़ार की खबर

प्रशिक्षण में महिलाओं को उत्पादों डिजाइनिंग, पैकिंग की जानकारी दी

[illegible]

सहयोगी से आर्जेंटिना किया गया प्रशिक्षण के दौरान विस्थापितों में विधिज्ञ प्रकर के उत्साह बनाने जिम्मेदार, से संयोजन और पैकिंग की जानकारी दी गई। शिक्षावाचन में बताया कि आगे इस प्रशिक्षण को और उन्नत बनाने के लिए उपकरणों को व्यवहार से जोड़ना, उनके परिवर्तनों में समायोजन कर उपकरण मिल सके गांव की महिलाओं से ये इस पक्ष की सलाह करने हुए बहस में इससे उनका आत्मविश्वास बढ़े और अधिकारी में रोजगार के नए रास्ते खोजें।

जेएसडब्ल्यू सीमेंट की सौगात, सरासनी गांव के लिए पहली बस सेवा शुरू की



नागौर। जेसडबन्नी सीट में सस्मनी के लिए पत्नी बह बस सेवा का शुभारंभ और सामाजिक सरकार के कर्जों का अनामरण किन्तु है। इसका उद्घाटन मुख्य अतिथि राज्य मंत्री डॉ. मनु बागमर ने किया। यह बस सेवा जेसडबन्नी सीट और राजस्थान राज्य पथ परिवहन निगम के सवायोग से शुरू की गई है। सस्मनी से दैह होकर हनु नागौर तक पत्नी बह बस के परिवहन खर्च का वहन जेसडबन्नी सीट द्वारा किया जाएगा। मंत्री डॉ. बागमर ने जेसडबन्नी सीट के वृष्टि हेतु ने हरी झंडी दिखाकर

बत को खाना किया। मंत्री ने इस दौरान गेयसद्वय झा से संवर्धित 'बनी' उनी बल्कि 'डिस्ट्रिक्ट' को अवलोकित किया। उन्होंने राखसी उच्च माध्यमिक विद्यालय सहायनी में गेयसद्वय झा निर्मित 03 नए कमरे, विद्यालय नवीनीकरण और शिक्षा अधिकारि 'डिस्ट्रिक्ट' को भी अवलोकित किया। कार्यक्रम में वृष्टि हेड नवीनीकरण ने मंत्री को प्रार्थना का स्वागत किया। इस अवसर पर देह सारंग राखसी सिंह, पूर्व सारंग मंगलाग्राम, और आर एस आर टी के मुख्य प्रबंधक मुकेश सिंह मौजूद रहे।

जोएसडब्ल्यू सीमेंट: मेले में किसानों को दी योजनाओं की जानकारी

[illegible][illegible]

जेएसडब्ल्यू सीमेंट खदान में 'स्वच्छता ही सेवा' का आयोजन, कर्मचारी भी शामिल

नागौर भारतीय खान बग़ीचे
अनेक श्रेय के सम्मानित हैं।
ये स्वयंसेवक समिति सिडिग के
उन्नीस लक्षमन्त्र खदान से
स्वच्छता की सेवा
(स्वच्छोत्सव) अभियान का
सफल आह्वान किन्ना जगह है।
यह अभियान 17 सितंबर से
2 अक्टूबर 2025 तक चलेगा।
निसका मुख्य उद्देश्य खान क्षेत्र
में स्वच्छता बनाए रखना और
स्वच्छता जागरूकता फैलाना है।
अभियान के तहत, 25 सितंबर
को 'एक दिन, एक चंद, एक
राम' पहल आयोजित की गई।
इस पहल में कर्मचारी के द्वारा
अच्छी और कर्मचारी को एक
समय मिलकर खदान क्षेत्र को
स्वच्छा करवाया गया। उन्होंने

कुछ-नकट हटकर कार्यरत को स्वच्छ बनाया और स्वच्छता के मूल्य पर जागरूकता अभियान चलाया। इस फल से न केवल कार्यरत का वातावरण स्वच्छ हुआ, बल्कि कार्यरतों में स्वच्छता और स्वस्थ के प्रति जागरूकता भी बढ़ी। इस असर पर, जोसेफसुडु सीटेट के खनन अधिकारी द्वारा ग्रामिणों को स्वच्छ सिट्ट भी वितरित की गई। जोसेफसुडु सीटेट के अधिकारी और कार्यरत इस आगेजोन को लेकर बारीक उत्सवित दिखे और उन्होंने भविष्य में भी ऐसे कार्यक्रमों को निश्चित रूप से चलाने की प्रबोधता जताई।

जेएसडब्ल्यू सीमेंट की सौगात, सरासनी गांव के लिए पहली बस सेवा शुरू की



नागीर। जेसदबन्धु सीमेंट ने सरपसी के लिए पहली बार बस सेवा का शुद्धीर और खामरजिक सरोवर के कार्य का अभियान किश है। इसका दृष्टान्त मुख अतिथि राज्य मंत्री डॉ. मंजु बाबनन ने किया। यह बस सेवा जेसदबन्धु सीमेंट और जलस्थान राज्य पब परिवहन निगम के सहयोग से शुरू की गई है। सरपसी से के देहो हू नागीर तक पहली वाली बस के परिवहन खर्च का हसन जेसदबन्धु सीमेंट द्वारा किश जहाया मंत्री डॉ. बाबनन एवं जेसदबन्धु सीमेंट के यकीन हन ने घो घो दिहाय।

बस को खाना दिया। मंत्री ने इस दौरान जेएसडब्ल्यू द्वारा संचालित 'बनी तनी बल्लूक प्रिंटिंग केंद्र' का अलोकन किया। उन्होंने राजकीय उच्च माध्यमिक विद्यालय सरसनी में जेएसडब्ल्यू द्वारा प्रिंटिंग 03 न्यू क्रायस, विद्यार्थियों नवीनीकरण और शिक्षा आधारित प्रिंटिंग कार्यों का भी अवलोकन किया। कार्यक्रम में वृष्टि देव नन्दाजी चौहान ने मंत्री महोदय का स्वागत किया। इस अवसर पर देव सरस्वत राजकीय शिक्षा, पूर्व सचिव मालाश्रम, और आर एस आर टी सी के मुख्य प्रबंधक मुनित सिंह मौजूद रहे।

