



**HALF YEARLY COMPLIANCE REPORT
OF
ENVIRONMENTAL CLEARANCE LETTER NO.**

J- 11015/42/2019/-IA.II (M) Dated 19.08.2021


Period: April-2021 to September-2021

**For
Maliakhera Limestone Mine
Production Limestone: 3.2 MMTPA to 6.3 MMTPA**

**Submitted to:
MoEF&CC, New Delhi & Integrated Regional Office, Jaipur
Central Pollution Control Board, New Delhi & Bhopal
Rajasthan State Pollution Control Board, Jaipur**

**Submitted by:
M/s J. K.CEMENT WORKS, NIMBAHERA,
Kailash Nagar, Tehsil: Nimbahera, District: Chittorgarh (Raj)**

PROPONENT	J. K. CEMENT WORKS, NIMBAHERA (RAJ.)	Period from April 2021 to September 2021
PROJECT	Expansion of Maliakhera Limestone Mine (ML No. 04/2003, Area-315.409 Ha.) From 3.2 Million TPA (Limestone) to 6.3 Million TPA of Total Excavation (Limestone:- 5.6 Million TPA, Inter-burden (clay/ Screen rejects/ Waste:- 0.245 Million TPA, Sub-grade Mineral (Mineral rejects):- 0.425 Million TPA and Top Soil: - 0.030 Million TPA) with No change in existing crusher (1500 TPH) & OLBC situated at Village – Maliakhera, Tehsil–Nimbahera and District – Chittorgarh, Rajasthan by J.K. Cement Works.	
Environment Clearance issued from the MOEF&CC, New Delhi vide Letter No. J-11015/42/2019/-IA.II (M) dated 19.08.2021		

A	Specific Conditions	
S.NO	POINTS	STATUS
01	The safety zone from nearby village currently maintained at 300 m till the life of mine must be maintained and in case if there is a plan to access less than this distance, specific statutory permission will be required for accessing the minerals, besides, fresh studies to assess impacts of blasting on the adjoining village due to noise, vibration and air pollution be done and submitted.	Complied With. Safety zone of 300 m has been maintained toward Maliakhera & Pipliya-Gadia villages, same will be maintained till conceptual stage. If any changes prior permission will be obtained.
02	The project proponent should explore the possibility of plantation in the adjoining area outside the lease boundary between the village and the mine lease to create a barrier of at least 50 m width belt.	Being Complied. Nearest village from mine lease are Maliakhera and Pipliya-Gadia which plantation work is going on in width of more than 50m within mine lease.
03	It is proposed to create a water reservoir at 215.902 Ha at the end of closure of mine. PP must submit a detailed plan that how will this water reservoir be protected, utilized for villagers in agriculture after necessary treatment.	Agreed & noted.
04	The project proponent should explore the possibility of use of permanent water sprinklers for control of dust on the haul roads within the mine lease area.	Complying with, <ul style="list-style-type: none"> • 18 KL and 10 KL mobile water tanker with sprinkling system are provided for regular water sprinkling on the haul roads to prevent the dust becoming air borne during transportation of limestone through dumpers. Regular water sprinkling is being carried out at fugitive dust emission sources to control dust emissions. • One 10 HP pump has been installed at the chassis of water tanker along with high pressure jet system to wet the blasted muck for suppression of fugitive dust emission during loading. 

		We are also exploring the possibility to install the permanent water sprinklers on ramp of crusher.				
05	PP should ensure plantation in the mined out pits in the benches which are not submerged in water with 95% survival rate.	Agreed & Noted. Presently mine pits are active.				
06	OLBC must be completed within 5 months as committed during the presentation.	Agreed & noted. Work is going on and expected to complete well within the time.				
07	PP must not exceed the total excavation that it has considered for preparation of EMP at any time during the operation.	Agreed. The excavation quantity is well within the limit. Status of excavation during the year 2021-22 from April-Sept 2021 in metric tonnes as given below: -				
		S. No	Limestone	IB/Scree n reject/W aste	Sub Grade (Mineral Reject)	Top Soil
		1.	1485488.04	--	43509.019	15000
08	The PP must submit the status report of plantation in the periphery, non-mineral zone, safety zone, avenue plantation, and either side of village road to the Ministry in every 6 months.	Complying with.				
		Location of plantation	Total Area	Total Plantation Up to March 2021	Total Plantation in nos. April 21 to Sept 2021	Remark
		Periphery area (Safety Zone)	6.128 ha	1.445 ha covered with 3612 nos	1.605 ha covered with 4012 nos	Remaining Periphery plantation area 3.078 ha will be done in remaining period of FY 2021-22 & FY 2022-23
		Non mineral area/ Village Road/ Avenue Plantation		28.085 ha covered with 55448 nos (within & outside lease)	6.12 ha covered with 14449 saplings (within & outside lease)	Plantation is done in F.Y. 21-22 including gap filling.
		Total Area		29.53ha (59060 sapling)	7.725 ha (18461 saplings)	
09	The compliance to public hearing as indicated in the table with an investment of 514 Lakhs be submitted annually to the Ministry	Being Complied Compliance status of public hearing as given below: -				

SN	Activity Head	CSR Project or activities	Time bound Action Plan with Budgetary allocation	Capital Cost (Amount Rs in Lakh)
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				2021-22	Work Completion Status (YES/NO)	If work Completed How much cost expenditure (in Lacs)	2022-23	2023-24	Total
1	Community Infrastructure Development	Gaushala in Village Maliakheri.	There is an issue of land availability from panchayat however, proposal for Construction of Gaushala in village Maliakhedi has been taken up, which will be done in FY 2021-22 with a budget of Rs. 10 Lakhs .	10	Will be completed				10
		Dairy building in Village- Karunda	Proposal for Construction of dairy building in village Karunda has been taken up, which will be done in FY 2021-22 after getting proposal from Panchayat.	20	Will be completed				20
		CC road in Village- Maliakheri	Repair of CC road in Village Maliakheri of 2.4_kms will be done .					30	30
		Construction of Community Center and drainage in Village Bansa & Renovation of Bathroom.	Community Center and Drainage in Village Basa will be done in FY 2021-22 & 2022-23 respectively	20	Yes	20	10		30
		Construction of Community Center in village Karunda	Construction of community center will be done in FY 2023-2024 after land allotment by panchayat.				20	20	40
		CC road from main road to temple in Village Pipaliya Gadiya	Construction of CC road from main road to temple in Village Karunda i.e. of 800-900 m length will be constructed by year 2021-22.	20	Yes	15			20
		Construction of New School Bulding in Maliakhera Village (3Rooms & Baramda . Toilet)	Construction of school building which will be done in FY 2021-22 (30 Lakh for school building 18X20 square feet and 6 feet baramda) and 10 Lakh for toilet in FY 2022-23.	30	Yes	28	10		40
		Beautification of Pond and a garden with open gym in the village Karunda.	Beautification of Pond and a garden with open gym will be done in the village Karunda by year 2022-23 and Year 2023-24 respectively.				15	10	25
		CC road along with drain construction work in Village- Saand.	Construction work of CC road (800 -900 Mtr) along with drainage in village sand will be done by the Company in FY 2021-22 with the expenditure 18 Lakh.	18	Yes	16			18
		CC Road in Maliakheri.	Budget of Rs. 26 Lakhs was allotted for the construction of CC Road (Length: 2.4 Km) in Maliakhera Village. Work will be done in year 2021-22.	14	Will be completed		12		26

		CC road and drainage in Village Dhanora	Construction of CC road (800-900 mtr) and drainage in Village Dhanora will be done in year 2021-22	20	Will be completed				20
		Gravel Gitty link road between Village Bansa and Piplia	Construction of gravel gitty link road (2.0 km) will be done in year 2022-23 .				20		20
		Community building work-village saand.	Construction of Community building work (80 X 20 Square feet) will be done in year 2022-23.				30		30
		Burial sites development work in Pairy, Sanda, Shergarh and Pipilia.	Total budget of Rs. 42.0 Lakh has been taken for development work of Burial sites in four village (Payri 10 Lakh, Saand 7 Lakh, Shergarh 5 lakh and in Pipliya 20 Lakh) and work will be done in year 2022-23 and 2023-24 respectively.				17	25	42
		School building and campus at Village Pipliya and Shergarh.	Construction of school building (3 rooms of 18 X 20 square feet) in Village Pipaliya and shergarh will be done in year 2022-23 and 2023-24 respectively.				20	20	40
		Boy and girl toilets Village Saand	Construction of toilets (10 X 20 square feet) in Village Saand will be done in year 2021-22.	5	Will be completed				5
		Community Hall in Phalwa Village	work is going on and will be completed in the year 2022-23.	30	Yes	18	15		45
		Road from JK main road to school at Village Peerkheda	Construction of road (0.7.km) from JK main road to school and work will be done in the year 2022-23.				4		4
2	Drinking Water	Tubewell in school in Village Peerkheda	Work will be done in the year 2021-22.	2	Will be completed				2
		Pipeline for drinking water in entire Pairy, Karunda and Pipaliya Gadia village .	900 pipes required for all three village and approx. 1.5 KM distance will be done in FY 2021-22.	20	Yes	20			20
3	Local Needs	Need based	Total project cost is Rs. 87.70 Crore and considering 2% of project cost, total CER cost comes to Rs. 175 lacs. However, we are proposing CER Cost of Rs. 514 lacs. Accordingly there is an additional provision of Rs. 27 lacs to meet the instant requirement from the community					27	27
			Total	209		117	173	13 2	514

10	Submit the update on implementation of Wildlife Conservation Plan both specific to this mine expenditure as well as combined expenditure annually	Complying with. The Wildlife conservation plan has been prepared for six nos. of the following Schedule-I species found in the buffer area during the survey: - (a.) <i>Pavocristatus</i> (Indian Peafowl), (b.) <i>Pantherapadusfusca</i> (Indian Leopard), (c.) <i>Prionailurusrubiginosus</i> (Rusty-Spotted
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		<p>Cat), (d.) <i>Canis lupus pallipes</i> (Indian Wolf), (e.) <i>Varanus bengalensis</i> (Indian Monitor Lizard) (f.) <i>Gyps indicus/Gyps bengalensis</i> (Indian Vulture)</p> <p>5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd are situated within 10 KMS radius in Tehsil Nimbahera, Chittorgarh District and accordingly, Cumulative Wildlife Conservation Plan for 6 Sch-1 Species (Indian Peafowl (<i>Pavo cristatus</i>), Panther (<i>Panthera pardus fusca</i>), Rusty Spotted Cat (<i>Prionailurus rubiginosus</i>), Indian Wolf (<i>Canis lupus pallipes</i>), Indian Monitor lizard (<i>Varanus bengalensis</i>) and Indian vulture (<i>Gyps indicus/ bengalensis</i>). Wild life conservation plan has been forwarded by the DFO Chittorgarh to Divisional chief conservator of forest vide letter no F (5) survey/UVS/2021-22/4089 dated 13.07.2021 and accordingly 20% amount of Rs. 57.07 Lakh deposited by us against total WCP cost of Rs.285.30 Cr in July,21. Copy of Letter is enclosed as Annexure-1.</p>
11	At the time of revision of mining plan, EMP if modified, for a peak production be submitted along with the revised mining plan to the Ministry.	Agreed.
12	The study carried out by drone and shown during the presentation must be submitted to the Ministry for the purpose of record.	Plantation status shown by drone during EAC meeting is submitted.
B	Standard conditions	
I.	Statutory Compliance	
1	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.	Request letter for generating the demand, if any in the matter of common cause as per the common cause has been submitted vide letter no. JKCW/NBH-Maliakhera/EC-Comp/2021-22 dt. 27.10.2021 to State Government, copy of the same is enclosed as Annexure-2 .
2	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.	Request letter for generating the demand, if any in the matter of common cause as per the common cause has been submitted vide letter no. JKCW/NBH-Maliakhera/EC-Comp/2021-22 dt. 27.10.2021 to State Government, copy of the same is enclosed as Annexure-2 .
3	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.	Request letter for generating the demand, if any in the matter of common cause as per the common cause has been submitted vide letter no. JKCW/NBH-Maliakhera/EC-Comp/2021-22 dt. 27.10.2021 to State Government, copy of the same is enclosed as Annexure-2 .
4	This Environmental Clearance shall become operational only after receiving formal	Not Applicable.

	NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.	
5	This environmental clearance shall become operational only after receiving formal forest clearance (FC) under the provision of forest conservation act, 1980, if applicable to the project	Not Applicable.
6	Project proponent (PP) shall obtain consent to operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining consent to establish/consent to operate from the concerned state pollution control board /committee.	Complied with. Consent to operate for expanded capacity has been obtained from Rajasthan State Pollution Control Board vide letter no. F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3905-3909, Order No 2021-2022/Mines/10333 dated 12/11/2021, copy of CTO is enclosed in Annexure-3.
7	The PP shall adhere to the provision of the Mines Act, 1952, Mines and mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian bureau of mines from time to time.	Agreed and complied.
8	The project proponent shall obtain consents from all the concerned land owners, before start of mining operations as per the provisions of MMDR Act,1957 and rules made there under in respect of lands which are not owned by it.	Agreed and complied.
9	The project proponent shall follow the mitigation measures provided in MOEFCC's office memorandum No.Z-1103/57/2014-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"	Complying with. <ol style="list-style-type: none"> 1. Garland drain constructed 2. Siltation pond facilitated 3. Regular water spray on haul road is being done. 4. Rain water collected in mine pit and during the lean period & as per requirement water is being supplied to nearby villagers. 5. Mask light are being kept in off mode during night period. 6. Control blasting implemented. 7. Company own road used for limestone transportation. 8. Dense plantation has been done.
10	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.	Complied with. NOC for ground water withdrawal has been obtained from CGWA vide letter no. CGWA/NOC/MIN/REN/2/2021/6354 dt. 28/10/2020, copy of same is enclosed as Annexure- 4.
11	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 with. A copy of EC has been submitted to the Phalwa panchayat, Zila Parishad Chittorgarh, DIC office Chittorgarh, District Collector Chittorgarh, SDM office

		Nimbahera on 23/08/2021, copy of same is enclosed as Annexure -5.
12	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.
13	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 MoEF&CC Regional Office for compliance and record.	Complied with. Publically published in 02 local newspaper on 24/08/2021 regarding grant of Environment Clearance, copy of the same enclosed in Annexure-6.
14	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.	To be followed. If any change in ownership of mining, will be intimated to the ministry accordingly.
II	Air quality monitoring and preservation	
1	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-29016120/901PCI/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	Complied with, Three (03) nos of CAAQMS has been installed all along the mine lease boundary: 1.Near Magazine towards Village Falwa & Peer Khera 2. Mine Office towards Village Karunda, Pipaliya and Maliakhera. 3. Towards Village Charlia (Common for Karunda mine and Maliakhera mine) Digital display board has been provided at Mine Office. Request has been made to CPCB and RSPCB for connectivity of CAAQMS.

	within 03 months in front of the main Gate of the mine site.	
2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.	<p>Complying with.</p> <ul style="list-style-type: none"> Regular water sprinkling is being done on haul roads and water sprinkling system has been provided at the unloading of crusher to control the fugitive emission. We are also exploring the possibility to install the permanent water sprinklers on ramp of crusher. The air pollution control equipment's like bag filters, dry fogging system has been installed at crusher to avoid generation of dust while transportation. Ambient air quality and Noise monitoring is carried out by third party which is a NABL accredited Laboratory are enclosed as Annexure-7.
III	Water quality monitoring and preservation.	
1	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 PP 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.	<p>Complying with.</p> <p>In current FY, there is no water table intersection due to mining activity. Prior Permission will be obtained in case of water table intersection.</p>
2	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. 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.	<p>Complying with.</p> <p>No natural water bodies and stream and / or water resources will be obstructed due to any mining operation.</p> <p>Ground water level and quality report have been submitted on six-monthly basis to the Regional Office of the MoEFCC, CGWA and State Groundwater Department / State Pollution Control Board.</p>

3	<p>Project Proponent shall regularly monitor and maintain records w.r.t. groundwater 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.</p>	<p>Complying with. Regular monitoring of ground water level and quality is being carried out in and around the mining lease area as per the Environment Management Plan of approved mining plan by establishing a network of existing wells.</p> <p>We have installed 3 nos. of manual piezometer for periodic measurement & one DWLR (Digital water level Recorder) with telemetry system for online monitoring of ground water level. The report is enclosed in Annexure-8.</p>
4	<p>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 and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-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 MoEF&CC. 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>Complying with. Ground water quality monitoring has been carried out in pre monsoon, monsoon, winter & post monsoon by third party which is a NABL accredited laboratory and the report are enclosed as Annexure-9.</p>
5	<p>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</p>	<p>Complying with.</p> <ul style="list-style-type: none"> • There is no waste generation from the Limestone mining operation. • However water is used for washing of HEMM contains silt and traces of oil & grease which is passed through up-flow filter to separate out the oil & grease and clear water will be used for dust suppression. • Quality of water is being analyzed by NABL


	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.	<p>accredited Lab.</p> <ul style="list-style-type: none"> Mine Key parameter data has been uploaded at www.jkcement.com as per notification as well as displayed at mine office.
6	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 MoEF&CC annually.	<p>Complied with.</p> <p>Rain water during rainy season is collected in the lower bench of the mine to augment ground water resources. A report on amount of water recharge will be submitted.</p>
7	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.	<p>Complying with.</p> <ul style="list-style-type: none"> No industrial waste water is generated in the mine. Workshop waste water analysis has been done by third party which is NABL laboratory on six monthly basis. For results please refer Annexure-10.
8	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.	<p>Being Complied.</p> <p>Annual Water Audit has been done by NPC and report is enclosed as Annexure-11.</p>
IV	Noise and vibration monitoring and prevention	
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.	<p>Complying with.</p> <p>Blasting operation is being carried out in day time only. Use of Sequential blasting machine (SBM), Delay detonator, Non-Electric detonator for blasting and to mitigate vibration. Water injection system on DTH drill has been provided which suppresses dust at its source of generation.</p> <p>The nearest habitation village Maliakhera and Pipliya-Gadia are at 350 m. Maximum peak partial velocity was observed 3.17 mm/sec at 300m (period- April'21 to Sept'21). Vibration report is enclosed as Annexure-12.</p>
2	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise level at night. PPs must ensure that the biological clock of the villages is not disturbed, by orienting the floodlights/ masks away from	<p>Complying with.</p> <p>The illumination and Noise level is being monitored and results are well within the limit.</p> <p>The illumination report is enclosed as Annexure- 13.</p>

	the villagers and keeping the noise levels well within the prescribed limits for day/night hours.											
3	The project proponent shall take measures for control of noise levels below 85dBA 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 workers/ personals/ laborers are working without personal protective equipment.	Complying with. Regular maintenance (including cabin) of HEMM being done to keep noise level within the specified limits. Workers engaged in operation of HEMM etc. are provided with ear plugs. Onsite tool talk is being provided on daily basis and periodical training given to all employee & workmen.										
V	Mining Plan											
1	The project proponent shall adhere to the working of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral waste, over burden, inter burden and top soil No change in basic mining proposal like mining technology. total excavation , mineral & waste production, lease area and scope of working (viz. method of mining , overburden & dump management, O.B. & dump mining , mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the ministry of Environments, forest and climate change , which entail adverse environmental impacts , even if it is a part of approved mining plan modified after grant of EC or granted by state Govt. in the form to short term permit(STP), query license or any other name.	Complying with. Method of mining is fully mechanized opencast mine using wet drilling and control blasting. Mining activities carried out as per approved mining plan. The top soil generated during mining operation is used for plantation. Status of excavation during the year 2021-22 from April- Sept 2021 in metric tonnes as given below: - <table border="1"><tr><td>S. No</td><td>Limestone</td><td>IB/Screen reject/Waste</td><td>Sub Grade (Mineral Reject)</td><td>Top Soil</td></tr><tr><td>1.</td><td>1485488.04</td><td>--</td><td>43509.019</td><td>15000</td></tr></table>	S. No	Limestone	IB/Screen reject/Waste	Sub Grade (Mineral Reject)	Top Soil	1.	1485488.04	--	43509.019	15000
S. No	Limestone	IB/Screen reject/Waste	Sub Grade (Mineral Reject)	Top Soil								
1.	1485488.04	--	43509.019	15000								
2	The project proponent shall get the final mine closure plan along with financial assurance approved from Indian bureau of mines/ department of mining & geology as required under the provision of the MMDR Act,1957 and rules /guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned regional office of the ministry of environment, Forest and climate change for the record and verification.	Agreed & will be complied. The final mine closure plan will be submitted due course of time.										
3	The land use of the mine area at various stages of mining scheme as well as at the end-of-life shall be governed as per the	There is no back filling proposed in the approved mining plan.										

	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 MoEF&CC and its concerned Regional office.									
VI	Land reclamation									
1	The overburden (O.B.) generated during the mining operations shall be 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 dumps like height, width and angle of slope shall be governed as per the approved mining plan as per the guidelines /circulars issued by D.G.M.S. w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The top soil shall be used for land reclamation and plantation.	Complying with. The total top soil generated in mining operation in the year 2021-22 from April 2021 to September 2021 is 15000 MT and is used for plantation.								
2	The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width, and angle of slope shall be governed as per the approved mining plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.	Complying with. No inter-burden waste is generated. The quantity of sub grade mineral generated in FY 2021-22 (till 30 th September 2021) was 43509.019 MT and is stacked within ML area at earmarked site. The total area occupied by stacking of sub grade material till 30.09.2021 is 6.71 ha. Dimension of Sub grade mineral stacked in meters <table><tr><td>No. of Stack</td><td>Length</td><td>Width</td><td>Height</td></tr><tr><td>1</td><td>371</td><td>214</td><td>< 10</td></tr></table>	No. of Stack	Length	Width	Height	1	371	214	< 10
No. of Stack	Length	Width	Height							
1	371	214	< 10							
3	The reclamation of waste dump sites shall be done in scientific manner as per the approved mining plan cum progressive mine closure plan.	Noted.								
4	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope, 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-	Complying with. Garland drains with siltation pond has been provided all around the dump. Sub grade limestone is being stacked in the non-mineralised area for future use, if any technological up gradation takes place.								

	membranes/clay liners/ Bentonite etc. shall be undertaken for stabilization of the dump.																																
5	The project proponent shall carry out slope stability in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MOEF&CC.	Agreed and will be complied Presently dump height is less than 10 m for sub grade mineral.																															
6	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 (Nallahs/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.	Complied with. <ul style="list-style-type: none">To collect run off water from subgrade dump, garland drain and siltation pit has been constructed. Details are given below: -<table><tr><td>Catch drain / Garland drain</td><td>Dimensions</td></tr><tr><td>West side of mine pit</td><td>Length -- 1446 m, Width -- 1.5 m Depth -- 1.0 m</td></tr><tr><td>Around Subgrade dump</td><td>Length -- 677 m Width -- 1.0 m Depth -- 1.0 m</td></tr></table> <p>Constructed three siltation pit with dimension as given below: -</p> <table><tr><td>SN.</td><td>Length (M)</td><td>Width (M)</td><td>Depth (M)</td><td>Capacity M3)</td></tr><tr><td>1</td><td>15</td><td>14</td><td>2.45</td><td>514.5</td></tr><tr><td>2.</td><td>20</td><td>17</td><td>2.2</td><td>748</td></tr><tr><td>3.</td><td>17.40</td><td>15.5</td><td>1.30</td><td>350.61</td></tr><tr><td colspan="4">Total</td><td>1613.11</td></tr></table>	Catch drain / Garland drain	Dimensions	West side of mine pit	Length -- 1446 m, Width -- 1.5 m Depth -- 1.0 m	Around Subgrade dump	Length -- 677 m Width -- 1.0 m Depth -- 1.0 m	SN.	Length (M)	Width (M)	Depth (M)	Capacity M3)	1	15	14	2.45	514.5	2.	20	17	2.2	748	3.	17.40	15.5	1.30	350.61	Total				1613.11
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7	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 shall be constructed at the corners of the garland drains.	Complied with. <p>Total rainfall in single day (considering 50 mm rainfall)</p> <p>1. Total rain water would be available= Subgrade dump (area) Xrainfall (m) X Runoff coefficient (20%) 67100 M2 X 0.05 M X 0.20 = 671 M3 and considering 50% safety margin then total capacity of siltationpond should be 1342 m3.</p> <p>2. Soil stack (area) X rainfall (m) X Runoff coefficient (20%) 8590 X 0.05 M X 0.20 = 85.9 M3 and considering 50% safetymargin then total capacity of siltation pond should be 171.8 m3.</p> <p>Total rain water collection capacity of siltation pit requires = 1342 + 171.8 = 1513.8 m3</p> <p>Constructed three siltation pit with dimension as given below: -</p> <table><tr><td>SN.</td><td>Length (M)</td><td>Width (M)</td><td>Depth (M)</td><td>Capacity M3)</td></tr><tr><td>1</td><td>15</td><td>14</td><td>2.45</td><td>514.5</td></tr><tr><td>2.</td><td>20</td><td>17</td><td>2.2</td><td>748</td></tr><tr><td>3.</td><td>17.40</td><td>15.5</td><td>1.30</td><td>350.61</td></tr><tr><td colspan="4">Total</td><td>1613.11</td></tr></table> <p>The storm water is being collected to garland drain from the periphery of the pit area and the waste dump area routed to siltation pond. The collected water is being</p>	SN.	Length (M)	Width (M)	Depth (M)	Capacity M3)	1	15	14	2.45	514.5	2.	20	17	2.2	748	3.	17.40	15.5	1.30	350.61	Total				1613.11						
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		used for plantation and water sprinkling on haul road.
8	The top soil, if any, shall temporarily be stored at earmarked sites(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved mining plan and as per the guidelines framed by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered the stability of dumps. The top soil shall be used for land reclamation and plantation purpose.	<p>Complying with.</p> <p>The total Top soil generated during mining operation in the year 2021-22 from April to September 2021 is 15000 MT and is used for Plantation.</p>
VII	Transportation	
1	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 centres.	<p>Complying with.</p> <p>Mineral is being transported by own CC road.</p> <p>Periodical vehicle emission monitoring are being carried out and PUC certificate are enclosed as Annexure-14.</p>
2	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 provide with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be	<p>Complying with.</p> <ul style="list-style-type: none"> •18KL and 10 KL Mobile water tanker with sprinkling system are provided for regular water sprinkling on the haul roads to prevent the dust becoming air borne during transportation of limestone through dumpers. Regular water sprinkling is being carried out at fugitive dust emission sources to control dust emissions. •One 10 HP pump has been installed at the chassis of water tanker along with high pressure jet system to wet the blasted muck for suppression of fugitive dust emission during loading

	<p>installed at crusher, 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 necessary measures to avoid generation of fugitive dust emissions.</p>	<p>•The air pollution control equipment's like bag filters, dry fogging system has been installed at crusher to avoid generation of dust while transportation.</p> <div style="text-align: center;">  </div> <div style="text-align: center; border: 1px solid black; padding: 5px;"> Dry Fog system to Minimizing fugitive dust emission </div>
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VIII	Green Belt					
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.	Complying with.				
		Location of plantation	Total Area	Total Plantation Up to March 2021	Total Plantation in nos. April to September 2021	Remark
		Periphery area (Safety Zone)	6.128 ha	1.445 ha covered with 3612 nos	1.605 ha covered with 4012 nos	Remaining Periphery plantation area 3.078 ha will be done in remaining period of FY 2021-22 & FY 2022-23
		Non mineral area/ Village Road/ Avenue Plantation		28.085 ha covered with 55448 nos (within & outside lease)	6.12 ha covered with 14449 saplings (within & outside lease)	Plantation is done in FY 21-22 including gap filling.
		Total Area		29.53ha (59060 sapling)	7.725 ha (18461 saplings)	
2	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/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	There is no proposal for backfilling.				

	adequate budgetary provision shall be made for protection and care of trees.	
3	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 area. 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.	<p>Complying with.</p> <p>The mining lease was executed on 13.12.1984. At the time of renewal of Mine lease, the Department of Mines and Geology corrected the error of Mining lease area by reducing from 320 Ha to 315.409 Ha. through digital demarcation having 77 Ha. Grazing land. The orders of Hon'ble Supreme Court 2006, is not applicable as the lease was allocated prior to 2006.</p> <p>Permission for working in Grazing land has been granted by District Authorities vide District Collectors letter No. Rajasva/Khanan/NOC/12-12(41)03/1799 dated 12.10.2006, Rajasva/Khanan/NOC/12-12(40)03/1800 dated 12.10.2006 and vide letter no. Prakaran No./Re.Vi./4/88 dated 10.05.1989.</p>
4	The project proponent shall undertake all precautionary, measures for conservation and protection of endangered flora and fauna and schedule –I species during mining operation. A wildlife conservation plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The plan shall be approved by Chief Wild Life Warden of the State Govt.	<p>Complying with</p> <p>The Wildlife conservation plan has been prepared for six nos. of the following Schedule-I species found in the buffer area during the survey: -</p> <p>(a.) <i>Pavocristatus</i> (Indian Peafowl), (b.) <i>Pantherapardusfusca</i> (Indian Leopard), (c.) <i>Prionailurusrubiginosus</i> (Rusty-Spotted Cat), (d.) <i>Canis lupus pallipes</i> (Indian Wolf), (e.) <i>Varanusbengalensis</i> (Indian Monitor Lizard) (f.) <i>Gyps indicus/Gyps bengalensis</i> (Indian Vulture)</p> <p>5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd are situated within 10 KMS radius in Tehsil Nimbahera, Chittorgarh District and accordingly, Cumulative Wildlife Conservation Plan for 6 Sch-I Species (Indian Peafowl (<i>Pavo cristatus</i>), Panther (<i>Panthera pardus fusca</i>), Rusty Spotted Cat (<i>Prionailurusrubiginosus</i>), Indian Wolf (<i>Canis lupus pallipes</i>), Indian Monitor lizard (<i>Varanus bengalensis</i>) and Indian vulture (<i>Gyps indicus/bengalensis</i>). Wild life conservation plan has been forwarded from DFO Chittorgarh to Divisional chief conservator of forest vide letter no F (5) survey/UVS/2021-22/4089 dated 13.07.2021 and accordingly 20% amount of Rs. 57.07 Lakh deposited by us against total WCP cost of Rs.285.30 Cr in July,21.</p>
5	And implemented in consultation with the state Forest and Wildlife Department. A copy of wildlife conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.	Wildlife conservation has been prepared in the consultation of DFO and implementation will be also done according to approved wildlife conservation plan. Annual status will be submitted.
IX	Public hearing and human health issues	

1	<p>The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be .taken. A status report on the same may be sent to MoEF&CC Regional Office and DGMS on half-yearly basis.</p>	<p>Complying with. Pre-placement and periodic (5 yrs.) medical check-up of workers is being carried out. Details are given below and enclosed as Annexure-15.</p> <table><tr><td>Particular</td><td>Medical Exam. Carried out (in Nos.)</td></tr><tr><td>No. of persons examined</td><td>6</td></tr><tr><td>Initial Medical Examination</td><td>5</td></tr><tr><td>Periodical Medical Examination</td><td>1</td></tr><tr><td>Disease observed</td><td>N/A</td></tr></table>	Particular	Medical Exam. Carried out (in Nos.)	No. of persons examined	6	Initial Medical Examination	5	Periodical Medical Examination	1	Disease observed	N/A
Particular	Medical Exam. Carried out (in Nos.)											
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Initial Medical Examination	5											
Periodical Medical Examination	1											
Disease observed	N/A											
2	<p>The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the I-IRA. The I-IRA for neighbourhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line I-IRA for all the category of workers and thereafter every five years.</p>	<p>Complying with. The company has Zero Harm Goal policy and we are periodically identified the hazards & preventive action are being taken. The best practices have been implemented to maintain vibration, fly rocks, dust emission, noise level and all parameters are well within the limit.</p> <p>Mobile medical check-up camp is being organised to all nearby villages for treatment and medicine free of cost.</p>										
3	<p>The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must</p>	<p>Complying with. Pre-employment medical check-up are being carried out considering the parameter as per DGMS.</p>										

	<p>be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). must meet ILO criteria (17 x14 inches and of good quality).</p>	
4	<p>The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1) , forced vital capacity (FVC) and the ratio unless they are smokers which has to be adjusted and the effect of age , (d) their hearing should not be affected . as a proof an Audiogram (first and last need to be presented), (e) they should not have developed any persistent back pain, neck pain and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the regional office. MoEF&CC annually along with details of the relief and compensation paid to workers having above indications.</p>	<p>Complying with. Records are being maintained.</p>
5	<p>The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.</p>	<p>Complying with. PPEs have been provided and used by the persons engaged in drilling, dozing and loading. VT is being provided as under required VT Rules.</p>
6	<p>Project Proponent shall make provision for the housing for workers/labors or shall construct labor 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</p>	<p>Complied with. All employees are residing in colony situated at Nimbahera Cement Plant, where all basic facilities are available. There is no temporary structure /hutment has been constructed.</p>

	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.	
7	The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.	Complying with. Kindly refer point no. 9
X	Corporate Environment Responsibility	
1	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.	Complying with. Activities proposed for CER is being/will be implemented
2	Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF&CC and its concerned Regional Office.	Complying with. Details of EMP are given below:

S.N.	Environment Monitoring	Proposed		Status up to Sep 21	
		Capital Cost (Rs. in Lakhs)	Recurring Cost (Rs. in Lakhs/annum)	Capital Cost (Rs. in Lakhs)	Recurring Cost (Rs. in Lakhs/annum)
1	01 nos. of Continuous Ambient Air Quality Monitoring Station at Mine office for the measurement of air quality for PM10, PM2.5, SO2, NOx and CO and real time data connectivity with CPCB/SRPCB server.	50	4	85	
2	Emission Monitoring of air quality, water quality and Noise by NABL accredited laboratory on quarterly basis. (Rs. 50000/- quarterly)	-	2		
3	Occupational Health Surveillance				
	Medical Equipment (digital x-ray, auto-biochemistry analyzer and physiotherapy machine)	• 43 in FY'21-22 , FY'22-23 , FY'23-24	-		-
	Regular and Periodical Medical Checkup Expenditure for Maliakhera mine given				
	Training on the occupation health and safety	-	1.25	-	
	Occupational health and softy mitigative measures (Mask, Safety goggle, ear plug etc.)	-	4.50	-	
	Chest X-Ray, Audiometry, vision test, ECG, PFT, Urine, Lipid profile, etc.	-	0.0756	-	
	Pulmonary Function Test	-	0.021	-	
	Personal Dust Sampling	-	0.50	-	

S. No.	Particulars	Proposed		Status up to September 2021	
		Capital Cost (Rs. In Lacs)	Recurring Cost/ Annum (Rs. In Lacs)	Capital Cost (Rs. In Lacs)	Recurring Cost/ Annum (Rs. In Lacs)
1	Pollution Control Measures	35.00	5	34.5	3.3
	(Dust Suppression & Water Sprinkling etc.)- One no of high-efficiency nozzle mounted water tanker for water sprinkling on haul roads.				
2	Green Belt Development Plan				
	Plantation & Green belt (1.64 ha, 4100 nos plant @200 Rs.) in FY 2021-22 on safety zone.	8.20	0.49	36.2	2.5
	Plantation & Green belt (3.25 ha, 8125nos. of plants @200 Rs.) in FY 2022-23, 1.0 ha, Out of total 3.25 ha, 1.438 ha on safety zone and 1.812 ha on non-mineral zone.	16.25	0.97		

	Plantation & Green belt (3.25 ha, 8125 nos. of plants @200 Rs.) in FY 2023-24 on non-mineral zone	16.25	0.97		
	Plantation & Green belt (45.29 ha, 1,13,225 nos plant @ 200 Rs.) from 2024-25 to end life of mine (2050)	226.45	13.59		
	Sub- total	267.15	16.02		
3	Public Hearing Action Plan (CSR Activities) for three year	514	0		
4	Wildlife Conservation Plan (for 6 Schedule-I species) for ten year	52.53	0		
	Grand Total(1+2+3+4)	868.68	21.02		

XI	Miscellaneous	
1	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.	Complied with. Last digital map for land use cover report has been submitted on 02.03.2020 and for next period it will be submitted before 01.03.2025.
2	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.	Agreed.
3	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEF&CC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Complying with. Six monthly report is being submitted to all concern offices as given in EC letter. Latest Six Monthly Monitoring report sent to RO & HO, MoEF&CC, CPCB & RSPCB vide letter no. NBH/PC- 14/C12/ dated 28.05.2021
4	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 with. A separate environmental management cell with qualified personnel is already established & has sufficient monitoring equipment in environmental laboratory.
5	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.	Noted & Agreed
24	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed & Noted.
25	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	Noted & Agreed.

	clearance and attracts action under the provisions of Environment (Protection) Act, 1986.	
26	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 of Chhattisgarh and any other Court of Law relating to the subject matter.	Agreed & Noted.
27	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.	Noted and agreed.
28	This issues with the approval of competent Authority.	Noted and agreed

राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, चित्तौड़गढ़-312001; Ph&Fax :01472-294001 ;email : dcf.chitor.forest@rajasthan.gov.in)

क्रमांक :- एफ ()सर्वे/उवस/2021-22/4089
निमित्त,

दिनांक :- 13.7.2021

संभागीय मुख्य वन संरक्षक,
उदयपुर

विषय :- Request for approval of combined Wildlife Conservation Plan for Six Scheduled-I species Viz. Indian peafowl (*Pavo cristatus*) & Panther (*Panthera pardus fusca*), Rusty-spotted cat (*Prionailurus rubiginosus*), Indian wolf (*Canis lupus pallipes*) Indian Monitor Lizard (*Varanus bengalensis*) and Indian Vulture (*Gyps indicus/gyps bengaliensis*) proposed by J.K. Cement Works(J.K. Cement, Nimbahera, J.K. Mangrol Cement plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Maliakhera Limestone Mine, Mangrol Kimestone mine and Mangrol- Tilakhera Limestone Mine) Tehsil- Nimbahera, Dist- Chittorgarh (Rajasthan).

प्रसंग :- प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर का पत्र क्रमांक एफ.11(419) विकास-II/मुवजीप्र/2020-21/4-6 दिनांक 4.1.2021 एवं आपका पत्र क्रमांक 484 दिनांक 19.1.2021 एवं 1793 दिनांक 17.3.2021 व J.K. Cement Works, (J.K. Cement, Nimbahera) का पत्र क्रमांक - दिनांक 29.6.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है, कि प्रासंगिक पत्र द्वारा Wildlife Conservation Plan में लगाए गए आक्षेपों की पूर्ति की जाकर निम्नानुसार प्रेषित है :-

क्र.सं.	आक्षेप	प्रत्युत्तर
1	पर्यावरण एवं जलवायु परिवर्तन मंत्रालय केन्द्र सरकार/ राज्य सरकार द्वारा जारी ToR पत्र की प्रति संलग्न कर प्रस्तुत करें।	प्रयोक्ता एजेन्सी द्वारा ToR की प्रतियां संलग्न कर दी गई है।
2	एनेक्सचर-1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कराया जावे एवं इस के बिन्दु संख्या-9 में वित्तीय प्रावधान फोरमुला-1 व फोरमुला-2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावे।	एनेक्सचर-1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कर दिया गया है एवं इस के बिन्दु संख्या-9 में वित्तीय प्रावधान फोरमुला-1 व फोरमुला-2 के अनुसार गणना कर ली गई है तथा अधिकतम परियोजना लागत दर्शायी जा चुकी है।
3	इस कार्यालय द्वारा जारी दिशा निर्देशों दिनांक 24.5.2019 के अनुसार WCP के 20% धनराशि RPACS के खाता संख्या 61087162999 IFSC Code SBIN0031510 में जमा कर प्राप्ति रसीद इस कार्यालय को प्रस्तुत करें।	प्रयोक्ता एजेन्सी द्वारा बैंक संख्या 00245671 राशि 57,07,000/- RPACS के खाता संख्या 61087162999 में जमा करवा दी गई है।



4	आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव/टाईगर रिजर्व या सेन्चूरी नहीं होने का पत्र उप वन संरक्षक, चित्तौड़गढ़ के द्वारा जारी कर WCP में संलग्न करें।	आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव/टाईगर रिजर्व या सेन्चूरी नहीं होने का प्रमाण पत्र उप वन संरक्षक, वन्यजीव चित्तौड़गढ़ के पत्र क्रमांक 2909 दिनांक 22.4.2021 प्रेषित किया गया है प्रति संलग्न है।
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संलग्न :- उपरोक्तानुसार

भवदीय

(सुगना राम जाट)

उप वन संरक्षक,

चित्तौड़गढ़

दिनांक :- 13.7.2021

क्रमांक :- एफ () सर्वे/उवस/2021-22/ 4090-91
प्रतिलिपि :-

1. प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर।

✓ 2. Unit Head, J.K. Cement Works, (J.K. Cement, Nimbahera)

(सुगना राम जाट)

उप वन संरक्षक,

चित्तौड़गढ़



o/c
JK Cement LTD.

CIN : L17229UP1994PLC017199

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 50001:2018 CERTIFIED COMPANY

Phone : +91-1477-220098, 220087
Fax : +91-1477-220027, 220049
E-mail : jkc.nbh@jkcement.com
Web : www.jkcement.com

J.K. Cement Works
Kailash Nagar - 312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

NBH/PC/C-FO/21/

Date: 29.06.2021

To,
The Divisional Forest Officer
Chittorgarh, Rajasthan

Sub.: Regarding submission of desired documents sought by DFO, Chittorgarh for approval of combined Wildlife Conservation Plan for six Schedule-I species Viz. Indian Peafowl (*Pavo cristatus*), Panther (*Panthera pardus fusca*), Rusty Spotted Cat (*Prionailurus rubiginosus*), Indian Wolf (*Canis lupus pallipes*), Indian Monitor lizard (*Varanus bengalensis*) and Indian vulture (*Gyps indicus/ bengalensis*) for M/s J.K.Cement Works-Nimbahera, J K Cement Works-Mangrol, Nimbahera-Ahirpura Limestone Mine (ML No.02/1997), Karunda Limestone Mine (ML No.03/2003), Maliakhara Limestone Mine (ML No.04/2003), Mangrol-Tilakhara Limestone Mine (ML No.07/1997) and Mangrol Limestone Mine (ML No.26/2008) in Tehsil Nimbahera, District - Chittorgarh, Rajasthan.

Reference: 1.DFO letter no.F () Survey/DFO/2021-22/3252, Chittorgarh, Dated 10.06.2021.
2.PCCF Letter No. F.11(419) DEV-II/ PCCF-CWLW/2020-21/4, Jaipur, Dated 04.01.2021.

Respected Sir,

Kindly refer to the above subject matter and referred letter, we are enclosing herewith pointwise reply as under: -

Point No.1: Submission of TOR letters granted by the Ministry of Environment, Forest and Climate Change, Govt of India.

Compliance: Copy of TOR Letters of above projects granted by MOEF &CC has been submitted vide letter no. NBH/PC/C/EC/112020-21, dated 21/01/2021.

Point No.2: Submission of duly filled annexure-1 from point no 1 to 14 & calculation of financial outlay in point no.9 as per the formula-1 & 2 and duly authenticated by DFO.

Compliance: Dully filled Annexure-I (Sr. No. 1 to 14) has been submitted with financial outlay according to formula 1 and 2. Financial outlay of formula-2 is enclosed herewith for Rs. 285.35 lakh in Annexure-1 as mention in letter received from your office dated 10.06.2021.

Corporate & Registered Office : Kamla Tower, Kanpur-208001, (U. P.) INDIA
Phone : +91-512-2371478 to 81 **Fax :** 2399854 **E-mail :** ho.grey@jkcement.com

J. K. Cement Works, Nimbahera
J. K. Cement Works Mangrol
J. K. Cement Works, Gotan
J. K. Cement Works, Jharli

J. K. Power, Bamania
J. K. Cement Works, Muddapur
J. K. White Cement Works, Gotan
J. K. White, Katni





JK Cement LTD.

CIN : L17229UP1994PLC017199

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Web : www.jkcement.com

J.K. Cement Works
Kailash Nagar - 312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

Point No.3: Deposition of 20% amount of WCP as per the CWLW guidelines dated 24th May 2019 and submit the receipt.

Compliance: Receipt of amount 57.07 Lakh deposited into account of RPACS on dated 28.06.2021, Jaipur, (20% of 285.35 Lakh, approved cost of Wilf life conservation plan) enclosed as Annexure-2.

Point No.4: Submission of certificate from the DFO Chittorgarh for non-existence of Wildlife Sanctuary /Tiger Reserve or sanctuary within the 10 Km radius of the Projects.

Compliance: A copy of NOC for no Wildlife Sanctuary/ Tiger Reserve or Sanctuary present in the 10 Km radius of the above project issued by DFO Chittorgarh, enclosed as Annexure-3.

Thanking You,

Yours Faithfully,

J.K. Cement Works, Nimbahera

R.B.M. Tripathi
(President(O)& Unit Head)

R.B.M. TRIPATHI
UNIT HEAD
J. K. Cement Works
Nimbahera, Mangrol (Raj.)

Enclosed as above

Copy to: The Principal Chief Conservator of Forests,
Chief Wildlife Warden (CWLW), Jaipur, Rajasthan

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25
1-07-2021
D



Corporate & Registered Office : Kamla Tower, Kanpur-208001, (U. P.) INDIA
Phone : +91-512-2371478 to 81 Fax : 2399854 E-mail : ho.grey@jkcement.com

J. K. Cement Works, Nimbahera
J. K. Cement Works Mangrol
J. K. Cement Works, Gotan
J. K. Cement Works, Jharli

J. K. Power, Bamania
J. K. Cement Works, Muddapur
J. K. White Cement Works, Gotan
J. K. White, Katni



राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, चित्तौड़गढ़-312001; Ph&Fax :01472-294001; email : dcf.chitor.forest@rajasthan.gov.in)

क्रमांक :- एफ () सर्वे/उवस/2021-22/ 3252

दिनांक :- 10.6.2021

निमित्त,

Unit Head,
J.K. Cement Works,
(J.K. Cement, Nimbahera)

विषय :- Request for approval of combined Wildlife Conservation Plan for Six Scheduled-I species Viz. Indian peafowl (*Pavo cristatus*) & Panther (*Panthera pardus fusca*), Rusty-spotted cat (*Prionailurus rubiginosus*), Indian wolf (*Canis lupus pallipes*) Indian Monitor Lizard (*Varanus bengalensis*) and Indian Vulture (*Gyps indicus/gyps bengaliensis*) proposed by J.K. Cement Works(J.K. Cement, Nimbahera, J.K. Mangrol Cement plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Maliakhera Limestone Mine, Mangrol Kimestone mine and Mangrol- Tilakhera Limestone Mine) Tehsil- Nimbahera, Dist- Chittorgarh (Rajasthan).

प्रसंग :- प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर का पत्र क्रमांक एफ.11(419) विकास-II/मुवजीप्र/2020-21/4-6 दिनांक 4.1.2021 एवं आपका पत्र क्रमांक 484 दिनांक 19.1.2021 एवं 1793 दिनांक 17.3.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत लेख है, कि प्रासंगिक पत्र द्वारा Wildlife Conservation Plan में लगाए गए आक्षेपों की पूर्ति हेतु आपको इस कार्यालय के पत्र क्रमांक 335 दिनांक 19.1.2021 से लिखा गया। आपके द्वारा दिनांक 21.1.2021 को प्रस्तुत प्रत्युत्तर का परिक्षण करने पर पाया गया कि आप द्वारा प्रेषित Wildlife Conservation Plan 285.35 लाख का प्रेषित किया गया है, किन्तु RPACS में राशि 13.07 लाख ही जमा करवाया जाना प्रस्तावित किया गया है।

अतः आप प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, राजस्थान जयपुर के प्रासंगिक पत्र के आक्षेप संख्या 3 अनुसार Wildlife Conservation Plan की पूर्ण लागत 285.35 लाख रु. का 20% राशि RPACS में जमा करवाया जाना सुनिश्चित करें। आपकी सुविधा हेतु खाता संख्या विवरण के लिए प्रासंगिक पत्र की छाया प्रति संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार

(सुगना राम जाट)
उप वन संरक्षक,
चित्तौड़गढ़

कार्यालय प्रधान मुख्य वन संरक्षक एवं मुख्य वन्य जीव प्रतिपालक, अरण्य
भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर

फोन नम्बर: 0141-2700151

ई-मेल: cwlw.raj@gmail.com

क्रमांक : एफ.11(419)विकास-II/मुवजीप्र/2020-21/4
निमित्त,

दिनांक : 14-01-2021

सम्भागीय मुख्य वन संरक्षक,
उदयपुर।

विषय :- Request for approval of combined wildlife conservation plan for six scheduled I species Viz. Indian peafowl (Pavo Cristatus) and Panther (Panthera pardus fusca), Rusty-spotted cat (prionailurus rubiginosus, Indian wolf (Cains lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian Vulture (gyps indicus/gypts bengaliensis) proposed by J.K. Cement works Nimbahera, J.K. Cement Works Mangrol Ahirpura Limestone Mine, Mangrol Limestone Mine and Mangrol-Tilakhhera Limestone Mine) Tehsil-Nimbahera, District-Chittorgarh (Raj.).

संदर्भ:- उप वन संरक्षक(एफ.सी.ए.) कार्यालय प्रधान मुख्य वन संरक्षक (हॉफ) के पत्रांक 2967 एवं आपका पत्रांक 5002 दिनांक 24.09.2020 के क्रम में।

महोदय,

विषयान्तर्गत संदर्भित पत्र के क्रम में लेख है कि इस कार्यालय के पत्रांक 6451-6483 दिनांक 24.05.2019 के अनुसार वाईल्डलाईफ कंजर्वेशन प्लान मूल ही लौटाकर निम्नांकित आक्षेप की पूर्ति कर भिजवायें :-

1. पर्यावरण एवं जलवायु परिवर्तन मंत्रालय केन्द्र सरकार/राज्य सरकार द्वारा जारी ToR पत्र की प्रति संलग्न कर प्रस्तुत करें।
2. एनेक्सर-1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कराया जावे एवं इस के बिन्दु संख्या-9 में वित्तीय प्रावधान फोरमूला-1 व फोरमूला-2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावे।
3. इस कार्यालय द्वारा जारी दिशा निर्देशों दिनांक 24.05.2019 के अनुसार WCP के 20% धनराशि RPACS के खाता संख्या 61087162999 IFS Code SBIN0031510 में जमा कर प्राप्ति रसीद इस कार्यालय को प्रस्तुत करें।
4. आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव अभयारण्य/टाईगर रिजर्व या सेन्चुरी नही होने का पत्र उप वन संरक्षक, चित्तौड़गढ़ के द्वारा जारी कर WCP में संलग्न करें।

उपरोक्तानुसार पालना के पश्चात् स्वीकृति जारी की जायेगी।

संलग्न :- उपरोक्तानुसार,
(मूल प्रस्ताव 2 प्रतियों में)

PCA
8/1/21

140
12/4/21

भवदीय,

(एम.एल. मीना)

प्रधान मुख्य वन संरक्षक एवं मुख्य
वन्यजीव प्रतिपालक,
राजस्थान, जयपुर

क्रमांक : एफ.11(419)विकास-II/मुवजीप्र/2020-21/

दिनांक :

प्रतिलिपि : निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. उप वन संरक्षक, चित्तौड़गढ़।
2. Unit Head M/s J.K. Cement works Nimbahera, District-Chittorgarh (Raj.).

प्रधान मुख्य वन संरक्षक
एवं मुख्य वन्यजीव प्रतिपालक,
राजस्थान, जयपुर

PROJECT:- J.K. CEMENT WORKS NIMBAHERA, J.K. CEMENT WORKS MANGROL, NIMBAHERA-AHIRPURA LIMESTONE MINE, KARUNDA LIMESTONE MINE, MALIAKHERA LIMESTONE MINE, MANGROL LIMESTONE MINE AND MANGROL-TILAKHERA LIMESTONE MINE
 APPLICANT:- J. K. CEMENT WORKS
 DOCUMENT NO.-: COMBINED WILDLIFE CONSERVATION PLAN

Financial outlay of WCP 285.35 Lakh for combined wildlife conservation plan for J.K. CEMENT WORKS NIMBAHERA, J.K. CEMENT WORKS MANGROL, NIMBAHERA-AHIRPURA LIMESTONE MINE, KARUNDA LIMESTONE MINE, MALIAKHERA LIMESTONE MINE, MANGROL LIMESTONE MINE AND MANGROL-TILAKHERA LIMESTONE MINE, YEAR 2021

S.No	Activities	Year Wise Fund Allocation (in Lakhs)										Total	
		1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th		
1	Habitat improvement & mitigative measures (Food, Water, shelter, Movement etc) and measures to reduce/minimize the human-animal conflict (50% of total outlay of WCP = 142.67 lacs.)												
1a	Plantation including maintenance in forest area and buffer zone in consultation with DFO Chittorgarh suitable for peafowl and other birds	-	5	5	7	7	10	10	15	15	14.67	88.67	
1b	Rejuvenation of existing water bodies in forest area	-	5	5	5	6	6	6	7	7	7	45	
1.	Awareness and extension (Forest staff will also be invited for various activities to ensure Participation) 10% of total outlay of WCP = 28.53 lacs)												
2a	Provision of Awareness and educational programme for wildlife, biodiversity significance at school level, village level and Gram Panchayat level in consultation of forest department.	-	2	2	2	3	3	3	4	4	5.54	28.53	
3	Support for Forest Department for monitoring, rescue & rehabilitation of wildlife Veterinary care, animal health, rescue, tools and equipment etc. (10% of total outlay of WCP = 28.53 lacs)												
3a	Provision for necessary Veterinary medicine and rescue etc	-	2	2	2	3	3	3	4	4	5.54	28.53	
4	Contribution towards conservation of wildlife in Pas (to be deposited in RPACS) Wetland Development, Research & Monitoring – Wildlife, census of wildlife etc (10% of total outlay of WCP = 28.53 lacs)												
4a	Provision for Research and monitoring etc.	28.53	-	-	-	-	-	-	-	-	-	28.53	
5	Administration Cost for processing inspection etc (to be deposited in RPACS) (10% of total outlay of WCP = 28.53 lacs)												
5a	Administration Cost for processing inspection etc	28.53	-	-	-	-	-	-	-	-	-	28.53	
6	Miscellaneous including Eco-Development and capacity building (10% of total outlay of WCP = 28.53 lacs)												
6a	Miscellaneous including Eco-Development and capacity building	-	2	2	2	3	3	3	4	4	5.54	28.53	
	TOTAL FOR WCP FOR TOR PROJECTS	57.06	16	16	18	22	25	25	34	34	38.29	285.35	



ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

उप वन संरक्षक
चित्तौड़गढ़

JK Cement LTD

R.B.M. TRIPATHI

UNIT HEAD

J. K. Cement Works
Nimbahera, Mangrol, Ahirpura

(Signature)

ANNEXURE-2**M/s JK Cement Works Nimbahera,**

Deposition of 20% amount of WCP as per the CWLW guidelines dated 24th May 2019,

Details are under

Post Date	Remitter Branch	Description	Cheque No.	Debit Amount(Rs.)
28/06/2021	NIMBAHERA	CHQ TRANSFER PRINCIPAL CHIEF IDIBR52021062823940774	00245671	5707000.00


R.B.M. TRIPATHI
UNIT HEAD
J. K. Cement Works
Nimbahera, Mangrol (Raj.)

कार्यालय उप वन संरक्षक, वन्यजीव, चित्तौड़गढ़

Phone No. 01472-244915.

E-mail ID – dcfwlchittorgarh@gmail.com

क्रमांक : एफ() सर्वे/उवसं/वजी/2020-21/

दिनांक:

निमित्त

उप वन संरक्षक

चित्तौड़गढ़

विषय :- Request for approval of combined wildlife conservation plan for Scheduled-I species Viz, Indian Peafowl (*Pavo cristatus*) & Panther (*Panthera Pardus fusca*), Rusty-spotted cat (*Prionailurus rubiginosus*), Indian wolf (*Canis lupus pallipes*) Indian Monitor Lizard (*Varanus bengalensis*) and Indian vulture (*Gyps indicus/gyps bengaliensis*) proposed by J.K. Cement Works(J.K. Cement Nimbahera, J.K. Mangrol Cement Plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Malikhera Limestone Mine, Mangrol Limestone Mine, Mangrol-Tilakhera Limestone Mine) Tehsil-Nimbahera, Dist-Chittorgarh (Rajasthan)

प्रसंग :- आपका पत्र क्रमांक 2050 दिनांक 01.04.2021 के कम में।

महोदय,

उपरोक्त विषयान्तर्गत प्रासंगिक पत्र के कम में निवेदन हैं कि प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक राजस्थान जयपुर के पत्रांक एफ 11(419)विकास-ग/मुवजीप्र/2020-21/5-6 दिनांक 4.1.2021 में उल्लेखित बिन्दु संख्या 4 अनुसार मैसर्स जे.के. सीमेंट वर्क्स के निम्नांकित खनन पट्टा एवं सीमेंट प्लांट इस कार्यालय अधिनस्थ आने वाले बस्सी एवं सीतामाता वन्यजीव अभयारण्य के 10 किमी. परिधि में स्थित नहीं है-

S. No.	M.L. No./ Plant name	Name of Lease/Plant
1	J.K. Cement Works-Nimbahera	J.K. Cement Works-Nimbahera
2	J K Cement Works- Mangrol	J K Cement Works- Mangrol
3	ML No. 02/1997	Ahirpura Limestone Mine
4	ML No. 03/2003	Karunda Limestone Mine
5	ML. No. 04/2003	Malikhera Limestone Mine
6	ML No. 07/1997	Mangrol-Tilakhera Limestone Mine
7	ML No. 26/2008	Mangrol Limestone Mine

भवदीय

(डॉ. टी. मोहनराज)

उप वन संरक्षक

वन्यजीव, चित्तौड़गढ़

क्रमांक : एफ() सर्वे/उवसं/वजी/2020-21/ 2910

दिनांक : 22.04.2021

प्रतिलिपि : मैसर्स जे.के. सीमेंट वर्क्स, कैलाश नगर, निम्बाहेड़ा, जिला-चित्तौड़गढ़ को सूचनार्थ प्रेषित है।

(डॉ. टी. मोहनराज)

उप वन संरक्षक

वन्यजीव, चित्तौड़गढ़

UTR Number	IDIBR52021062823940774		
Value Date:	28/06/2021		
Amount	5707000.00	INR	
Related Ref.No:		Commission	0

Beneficiary Details

Beneficiary A/C: 61087162999
 Benef. Name And Address:
 PRINCIPAL CHIEF CONSERVATOR OF
 FORESTS WILD LIFE

Beneficiary bank/branch

IFSC Code: SBIN0031510

Details of Payment:

RTGS

Error Code

Remitting Customer Details

Account Number: 00000021411544392
 Remitter's Name And Address:
 M/s. J K CEMENT LIMITED
 J K CEMENT LTD
 KAMLA TOWER
 KANPUR Kanpur M Corp O

Sender's To Receiver Information

Sender IFSC Code IDIB000N598

Close



JKCW/NBH-Maliakhara/EC-Comp /2021-22

Dated: 27.10.2021

The Director,
Department of Mines and Geology, Udaipur (Rajasthan)

Dear Sir,

Sub: Statutory Compliance of Standard Condition(s) of Environment Clearance granted for Maliakhara Limestone Mine of J.K. Cement Works (A Unit of J.K. Cement Ltd.). - Regarding Compliance of Judgement of Hon'ble Supreme Court dated 02nd Aug. 2017 in the matter of Common Cause.

We have been granted Environment Clearance for expansion of Maliakhara Limestone mine (ML No 04/2003, Area 315.409 Ha) from 3.2 Million TPA to 6.3 Million TPA vide letter No. F. NO. J-11015/42/2019-IA. II (M) dated 19.08.2021. In Page no 18, under Standard Conditions, Clause I, Point No. (2) mentions about the compliance to judgement 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.

We are enclosing production data of our Maliakhara Limestone Mine from 1984-85 to 2020-21 for your kind information, reference and record. Sir, please let us know that pursuant to the Common Cause judgment penalty, if any, is applicable on us.

We shall be happy to provide further document and/or information required by your good self.

Sir, we are making preparations to initiate production based on the EC approval for the expanded capacity from 2nd week of November 2021, we therefore humbly request for an early intimation of action(s) needed at our end to comply with the conditions laid down. We also request you to afford us an opportunity of personal hearing in order to resolve the matter at the earliest.

Thanking You,

Yours Faithfully,

For J K Cement Works' Nimbahera

(Authorized Signatory)

Encl:

- Environment clearance for Maliakhara Mines
- Year wise Limestone production of Maliakhara Mines.

CC Asst. Mining engineer, Department of Mines and Geology, Nimbahera

Corporate Office

- Padam Tower, 19 DDA Community Centre Okhla, Phase - 1, New Delhi - 110020, India
- ☎ +011-49220000
- ✉ admin.padamtower@jkcement.com
- 🌐 www.jkcement.com

**JK SUPER
CEMENT**
BUILD SAFE

Manufacturing Units at:

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

JK CEMENT
WallMaxX
White Cement Wall Putty





Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697



Revised Consent

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3905-3909

Order No 2021-2022/Mines/10333

Date: 12/11/2021

Unit Id : 190

M/s J.K.Cement Works

Kailash Nagar, Nimbahera

Tehsil : Nimbahera District : Chittorgarh

E-Mail : nilesh.sharma@jkcement.com , Phone : 220087

Sub: Grant of Consent to Operate under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for your **Major Mineral** Mine at near Village-MALIAKHERA, Tehsil-Nimbahera, District- Chittorgarh (M.L.No-4/03).

Ref: (i) Your applications dated 30/09/2021
(ii) Received on 30/09/2021

Sir,

In view of the details submitted vide your above referred applications/ documents, the **Consent to Operate** under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 is hereby granted for carrying mining activities. This consent is subject to the following stipulations:-

- 1 That this consent is being granted in favour of **M/s. J.K.Cement Works**, a Mine of **Major Mineral** having **M.L.No.- 4/03 in an area measuring 315.4090 Hectares** at/near Village-MALIAKHERA ,Tehsil-Nimbahera,District-Chittorgarh.
- 2 That this consent is valid for a period from **12/11/2021** to **31/10/2026**
- 3 That this consent is valid for following mining activities :-

Mineral	Permitted Mining Capacity
1 LIME STONE	6300000.0000 TONNES / ANNUM

- 4 That the project proponent will comply with the Standard as prescribed vide the Ministry of Environment, Forest and Climate Change notification no. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality standards.

Signature Not Verified

Digitally signed by Khem Chand
Gupta
Date: 2021.11.12 18:01:41 IST
Reason: Self Attested
Location:





Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Revised Consent

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3905-3909

Order No 2021-2022/Mines/10333

Date: 12/11/2021

Unit Id : 190

- 5 That this consent to establish/consent to operate is only for carrying out mining of mineral/ore and not for any processing/beneficiation or crushing/grinding of ore/mineral for which a separate application for consent to establish and/or consent to operate should be submitted. The project proponent is required to obtain separate consent to establish and consent to operate for carrying out mining of other minerals(s), if any or processing/beneficiation of such mineral(s) and for any addition/modification/alteration or change in process.
- 6 That this **Consent to Operate** is for mining / processing / beneficiation of product as mentioned above in **M.L.No.-4/03** and a separate **Consent to Operate** is required to be obtained for any other Mineral mining/ processing/ beneficiation Plant/process if any and for any addition/ modification/ alteration or change in process.
- 7 That the occupier/operator of mine shall ensure that all the conditions imposed in the Environmental Clearance granted by the Ministry of Environment & Forest, Government of India vide letter no. J-11015/429/2008-IA.II (M) dated 06/08/2010, amended vide letter dated 21/02/2018 and further amended vide letter dated 19/08/2021 are strictly complied with.
- 8 That this Consent to operate shall supersede the previous consent to operate granted vide letter no. 2131-2135 dated 20/06/2017.
- 9 That plantation shall be developed so as to cover at least 33% of the total land use for mining and allied activities as given in Approved Mining Plan and shall be maintained at all the time to maintain ambient air quality around the mine.
- 10 That ground water shall not be abstracted without prior permission of the Central Ground Water Authority (CGWA).
- 11 That haul roads should be regularly graded and compacted. Regular water sprinkling should be carried out on haul roads to minimize dust generations.
- 12 That adequate measure shall be taken for control of fugitive emissions from the areas prone to air pollution.
- 13 That you shall not establish/operate any stone crusher/mineral grinding/mineral processing plant within said lease without obtaining prior consent of the State Board.
- 14 That this consent to operate shall not be valid, if the lessee has not obtained permissions required, if any, from NBWL/Forest Department etc. with respect to Wild Life Sanctuary /National Parks/ Critical Tiger Habitats in compliance of various orders passed by any other law /act/rule/regulation or order of MOE&F and/or any Court / Tribunal time to time.

Signature Not Verified

Digitally signed by Khem Chand
Gupta
Date: 2021.11.12 18:01:41 IST
Reason: Self Attested
Location:





Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Revised Consent

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3905-3909

Order No 2021-2022/Mines/10333

Date: 12/11/2021

Unit Id : 190

- 15 That regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as on haul road, loading and unloading points and transfer points.
- 16 That the mine shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the lease area.
- 17 That the mine shall not allow making any obstacles to any natural water flow i.e. natural nallah/steam carrying rain water to any water body.
- 18 That the mine shall not allow unauthorized disposal of any solid waste on land inside or outside the premises.
- 19 That this consent to operate shall be subject to compliance of direction/order passed by Courts of Law in the matter, if any.
- 20 That the lessee should dump the overburden in such a manner that it does not get washed away to nearby water tanks and lakes etc. during rainy season.
- 21 That the lease shall not intersect the ground water table without permission of Central Ground Water Authority (CGWA).
- 22 This consent to operate shall be subject to validity of mining lease.
- 23 That this revised consent letter shall supercede the earlier consent letter no F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3880-3884 dated 11/11/2021
- 24 That all other general conditions enclosed as Annexure shall be strictly complied with.
- 25 That this Consent is subject to the conditions as stated above and general conditions as stated in Annexure. Further, the mining unit will comply with the provisions of the Air (Prevention & Control of Pollution) Act, 1981 & Water (Prevention & Control of Pollution) Act, 1974 and any such conditions as may be specified from time to time by the State Board under the provisions of the aforesaid Acts.
- 26 That the grant of this **Consent to Operate** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.
- 27 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

Signature Not Verified

Digitally signed by Khem Chand
Gupta
Date: 2021.11.12 18:01:41 IST
Reason: Self Attested
Location:





Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Revised Consent

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3905-3909

Order No 2021-2022/Mines/10333

Date: 12/11/2021

Unit Id : 190

28 That the grant of this consent to establish/operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other legal instrument in force. The sole and complete responsibility, to comply with the conditons laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent.

This bears approval of the competent authority.

Encl: As Above

Yours Sincerely

Group Incharge-Mines

(A): Copy To:-

- 1 Director, Department of Mines & Geology, Government of Rajasthan, Shastri Circle, Udaipur..
- 2 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Chittorgarh -please ensure compliance of the consent conditions and monitor time to time
- 3 Mining Engineer, Department of Mines & Geology, Government of Rajasthan, Chittorgarh - To inform that this consent has been issued from the environmental angle only, and ensuring compliance of any other law/act/rule/regulation or order of any Court / Tribunal is the sole responsibility of the project proponent and the concerned departments.
- 4 Master File .

Group Incharge-Mines

Signature Not Verified

Digitally signed by Khem Chand
Gupta
Date: 2021.11.12 18:01:41 IST
Reason: SelfAttested
Location:





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

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s J. K. Cement Works		
Project Address:	M/s J. K. Cement Works		
Village:	Mangrol	Block:	Nimbahera
District:	Chittorgarh	State:	Rajasthan
Pin Code:			
Communication Address:	J K Cement Works, Nimbahera, Kapasan, Chittorgarh, Rajasthan - 312617		
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/2/2021/6354													
2.	Application No.:	21-4/286/RJ/MIN/2008					3.	Category: (GWRE 2020)	Over Exploited						
4.	Project Status:	Existing Ground Water					5.	NOC Type:	Renewal						
6.	Valid from:	28/10/2020					7.	Valid up to:	27/10/2022						
8.	Ground Water Abstraction Permitted:														
Fresh Water		Saline Water				Dewatering				Total					
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
1682.00		613930.00													
9.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:20							Total Proposed No.:0								
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu		
Abstraction Structure*		0	0	0	20	0	0	0	0	0	0	0	0		
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):							2008308.00							
11.	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						2		0	1	1					

(Compliance Conditions given overleaf)

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

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

o/c

NBH/PC/C/EC-M/MLK/12/ 2133

Date: 27.08.2021

To,
The Regional Director,
Ministry of Environment, Forest & Climate Change,
Regional Office (Central Region), Kendriya Bhawan,
5th floor, sector -H, Aliganj,
Lucknow-226024 (UP)

Sub: Compliance of EC standard conditions of statutory compliance no. B (I) (11) and B (I) (13) of Maliakhera Limestone Mine (ML no. 04/2003, ML area 315.409 ha., expansion of production capacity from 3.2 to 6.30 Million TPA) of M/s J. K. Cement Works, Nimbahera (Rajasthan).

Ref: EC no. J - 11015 / 42 / 2019 - IA.II (M) dated 19.08.2021

Dear Sir,

Kindly refer to the above EC letter, submitting herewith compliance status of standard Condition nos. B (I) (11) and B (I) (13).

- Copy of EC has been marked to the local concern authority (receipt enclosed).
- EC granted information published in two local newspapers i.e. Dainik Bhaskar & Rajasthan Patrika on 24.08.2021 (copy enclosed).

Thanking You.

Yours faithfully,

For J. K. Cement Works, Nimbahera


(R. B. M. Tripathi)

President (O) & Unit Head

Encl.: as above

Corporate Office

- Padam Tower, 19 DDA Community Centre
Okhla, Phase - 1, New Delhi - 110020, India
- ☎ +011-49220000
- ✉ admin.padamtower@jkcement.com
- 🌐 www.jkcement.com

**JK SUPER
CEMENT**
BUILD SAFE

**JK CEMENT
WallMaxX**
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24/8/21
JK Cement LTD.

Phone : +91-1477-220098, 220087
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Web : www.jkcement.com

J.K. Cement Works
Kallash Nagar - 312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

CIN : L17229UP1994PLC017199

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 50001:2018 CERTIFIED COMPANY

NBH/PC-A/EC-M/MLK/12

Date: 23.08.2021

To,
The Regional Officer
Rajasthan State Pollution Control Board
Near FCI Godawn, Chanderiya
Chittorgarh (Rajasthan)

Sub: Regarding Information for grant of Environmental Clearance for Mallakhera Limestone Mine (ML No. 04/2003, ML area 315.409 ha.) at village Mallakhera, Tehsil Nimbahera, Dist. Chittorgarh (Rajasthan) by M/s J. K. Cement Work, Nimbahera (A unit of J.K. Cement Ltd.)

Dear Sir,

Kindly refer to the above subject matter, we hereby intend to environment clearance has been granted by the MoEF&CC vide letter no. F. No. J-11015/42/2019-IA.II (M) dated 19.08.2021 for expansion of production capacity from 3.2 Million TPA to 6.3 Million TPA of total excavation of Malikahera Limestone Mine.

We hereby enclosing the copy of EC for your reference please.

Thanking you.
Yours faithfully,

For J. K. Cement Works, Nimbahera

(R. B. M. Tripathi)
President (Operations) & Unit Head



Encl: As above.

Copy:

1. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR - 302004 (RAJ).
2. The Regional Director, Regional Office (CR), Ministry of Environment, Forest & Climate Change, 5th Floor, Central Bhawan, Sector - H, Aliganj, Lucknow
3. The Secretary, Secretariat, Environment Department Govt. of Rajasthan, Jaipur
4. The District Collector, District Office, Chittorgarh (Rajasthan)
5. The Chief Executive Officer, Zila Parishad, Distt.- Chittorgarh (Raj.)
6. The General Manger, District Industrial Center, Dist Chittorgarh.
7. The SDM, Sub Divisional Office, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)
8. The Gram Panchayat, Falwa, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)

Received
24-8-21

24/8/21

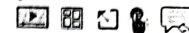
24/8

Corporate & Registered Office : Kamla Tower, Kanpur-208001, (U. P.) INDIA
Phone : +91-512-2371478 to 81 Fax : 2399854 E-mail : ho.grey@jkcement.com

J. K. Cement Works, Nimbahera
J. K. Cement Works Mangrol
J. K. Cement Works, Gotan
J. K. Cement Works, Jharli

J. K. Power, Bamania
J. K. Cement Works, Muddapur
J. K. White Cement Works, Gotan
J. K. White, Katni



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चित्तौड़गढ़. होल मार्किंग नियम के अंतर्गत एचयूआईडी के प्रावधानों को हटाने के लिए नेशनल टास्क फोर्स

भाजपा के विचार और व्यवहार में एकरूपता

पत्रिका
लाइव
रिपोर्टभाजपा प्रदेश महामंत्री
चंद्रशेखर अल्प प्रवास
पर आए चित्तौड़गढ़पत्रिका न्यूज़ नेटवर्क
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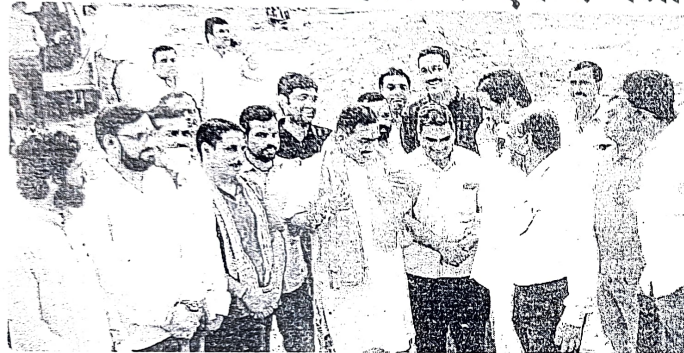
चित्तौड़गढ़. भाजपा प्रदेश महामंत्री चंद्रशेखर रविवार को अल्प प्रवास पर चित्तौड़गढ़ पहुंचे। प्रतापगढ़ से चित्तौड़गढ़ आगमन पर प्रदेश महामंत्री चंद्रशेखर ने निम्बाहेड़ा मार्ग पर निर्माणाधीन भाजपा जिला कार्यालय का अवलोकन किया। यहां पर संभाग संगठन प्रभारी व प्रदेश उपाध्यक्ष हेमराज मीणा, पूर्व केबिनेट मंत्री श्रीचंद कृपलानी, जिला जिलाध्यक्ष गौतम दक, जिला प्रमुख सुरेश धाकड़, उपजिला प्रमुख भूपेंद्रसिंह बड़ौली, जिला महामंत्री तेजपाल रेगर, सोहनलाल अजिना, आईएम सेठिया, जिला

लेकिन एचयूआईडी के प्रावधानों को हटाने की बात कही। बीआईएस एचयूआईडी के माध्यम से कालिंदी कंट्रोल करके व्यापार कंट्रोल करने की कोशिश की जा रही है। सर्राफ

प्रावधान से एचयूआईडी से पूरे देश में इस्पेक्टर राज हो जाएगा। इस अवसर पर हंसराज अब्बाणी, विष्णु सोनी, सुरेश डांगी, गोपाल सोनी समेत कई पदाधिकारी मौजूद थे।

कार्यशाला के बाद केन्द्र के 'गम' पर 200 सीतापत्त के पौधरोपण किया। कार्यक्रम के अंत में सीपा इन्ट्रोरिया ने कृषकों एवं विद्यार्थियों का आभार व्यक्त किया।

कोषाध्यक्ष मनराम 'खाना' रिया, श्रीपाथ कित वितरण किए। किसान लाल धनेरिया, पंचर लाल कडवाल, पंचर लाल मुरदिया, उमा शंकर दौराया, मनोहर लाडगा थियोद पालडिया आदि उपस्थित थे। कार्यक्रम में मोटूलाल मुथार, पंचर लाल धाकड़, ग्राम विकास अधिकारी भीमराज जयमवाल, प्रिंसिपल यादवी गुला, आदि मौजूद थे।



उपाध्यक्ष रघु शर्मा, पूर्व यूआईटी चेयरमैन सुरेश झंवर, जिला मोडिया प्रभारी सुधीर जैन, एससी मोर्चा जिलाध्यक्ष कमलेश आमेरिया समेत कई पदाधिकारी उपस्थित थे। भाजपा प्रदेश महामंत्री चंद्रशेखर ने चित्तौड़गढ़ जिला भाजपा की संगठनात्मक गतिविधियों की समीक्षा की और कहा कि भाजपा के विचार और व्यवहार में एकरूपता है।

हम व्यक्ति के लिए नहीं बल्कि

विचारों व कमल के फूल के लिए समर्पित रहें। उन्होंने कहा कि भाजपा विश्व का सबसे बड़ा संगठन है। भारतीय जनता पार्टी को पार्टी दिव डिफेंस कहा जाता है यानी भाजपा वह पार्टी है जो वसुदेव कुटुंबकम और सबके सुख और कल्याण की भावना को सर्वोपरि रखते हुए अंत्योदय के संकल्प को हृदय में रखकर कार्य करने वाले भाजपा कार्यकर्ताओं की पार्टी है। प्रदेश महामंत्री चंद्रशेखर विधायक

चंद्रभानसिंह आक्वा के निवास पहुंचे।

जहां पर उन्होंने गत दिनों उनकी दादी के स्वर्णवास होने पर शोक व्यक्त किया। इसके बाद चंद्रशेखर नई दिल्ली के लिए रवाना हो गए। इससे पूर्व उत्तरप्रदेश के पूर्व मुख्यमंत्री व राजस्थान के पूर्व राज्यपाल कल्याणसिंह के निधन पर जिला भाजपा की ओर से सभी ने श्रद्धांजलि अर्पित कर दो मिनट का मौन रखा।

जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

सूचना दिनांक: 23 अगस्त 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की कारखाना लाईमस्टोन माईंस (ML 03/2003, Lease Area 240.86 Ha.), तहसील-निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता (2.0 Million TPA to 3.8 Million TPA of total excavation तथा 500 TPH Crusher के स्थापित करने) विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/36/2019-IA-II(M), दिनांक 19 अगस्त 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट www.parivesh.nic.in पर एवं जे. के. सीमेन्ट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष-ऑपरेशन्स जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा

जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

सूचना दिनांक: 23 अगस्त 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की माल्याखण्ड लाईमस्टोन माईंस (ML04/2003, Lease Area 315.409 Ha.), तहसील- निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता (3.2 Million TPA to 6.3 Million TPA of total excavation) विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक -11015/42/2019-IA-II(M), दिनांक 19 अगस्त 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

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अध्यक्ष-ऑपरेशन्स जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा

कपासन | खेत पर रखवाली करने गये युवक की सर्पदंश से मौत हो गई। पुलिस के अनुसार गांव ताराखेड़ी निवासी भगवती प्रसाद (37) पुत्र नन्दलाल शर्मा रविवार रात 8 बजे खेत पर रखवाली करने गया था। जहां उसे सर्प ने काट लिया। जिससे उसकी मौत हो गई। पुलिस ने पोस्टमार्टम कराकर शव परिजनों के सुपुर्द किया।

नगर भ्रमण दशहरा मैदान स्थित मंदिर से निकला। पुजारी प्रकाश गिरी एवं व्यायामशाला के उस्ताद चतुर्भुज कुमावत के सानिध्य में सवारी निकाली। मंदिर सेवा समिति के प्रवक्ता मनोहर माली ने बताया कि ढाबेश्वर महादेव व्यायामशाला के भोपराज टोंक, अजय मंगानानी, गोविंदकुमार सोनी, लोकेश

ने अभिषेक कराया।

दोपहर में ढोल-नगाड़ों के साथ नगर सवारी प्रारंभ हुई, जो विभिन्न मार्गों से होते हुए पुनः मंदिर पहुंची जहां आरती की गई। मार्ग में भक्तजनों ने सजे ध्वजे रथ में आरूढ़ भगवान ढाबेश्वर महादेव की पूजा-अर्चना कर खुशहाली की कामना की।

मुख्य संरक्षक, पूर्व व्हीएसपी एवं समाजसेवी ओमप्रकाश उपाध्याय, जैन समाज अध्यक्ष व समाजसेवी कोमलसिंह मोदी, महाराष्ट्र के राष्ट्रीय शिक्षा मंत्री आरविंद व्यास, राष्ट्रीय प्रवक्ता मधुसूदन शर्मा, चंद्रप्रकाश चतुर्वेदी, सुरेशचंद्र शर्मा, अनिल व्यास, सुनील व्यास आदि उपस्थित थे।

संस्थान संचालित संस्कार केंद्र पर रक्षानंधन पर्व मनाया। केंद्र प्रमुख कन्हैयालाल ने बताया कि शुभारंभ शिक्षाविद योगेंद्र जानी तथा हीरालाल मेनारिया ने दीप प्रज्वलित कर की। बस्ती के गांगीलाल तथा भोपा डालचंद ने उपरना ओढ़ाकर अतिथियों का स्वागत किया। ऋषी

में नामांकन व सरकारी योजनाओं का लाभ दिलाने के लिए प्रेरित किया। अध्यापक ओम जगना और भगवतसिंह खोडियाखेडा ने भी विचार व्यक्त किए। भद्रेसर मोंडल स्कूल के प्रधानाचार्य हिमांशु जानी, प्रवीण दक, नवीन सोनावी, सुरेश सुथार आदि उपस्थित थे।

SUDOKU 2871

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7	4	5	6	1	2	3	9	8
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8	9	7	2	5	6	4	1	3
6	5	3	1	8	4	7	2	9
4	8	1	9	6	3	5	7	2
3	7	9	4	2	5	1	8	6
5	6	2	8	7	1	9	3	4

हल-2870

कैसे खेलें- वर्ग की 1 से 9 तक अंकों से ऐसे -थोरे कि आड़ी व खड़ी हर 3 गुणा 3 के नॉक्स में 1 से 9 तक अंक आए। कोई अंक रिपीट न हो।

केएस राणा ने मेवाड़ विवि के कुलपति का पदभार संभाला



गंगार | जयपुर के कूकस निवासी प्रोफेसर केएस राणा ने मेवाड़ विश्वविद्यालय में कुलपति का पदभार ग्रहण किया। राणा नालन्दा विश्वविद्यालय, पटना, अरा स्टेट विश्वविद्यालय निहार, कुमार विश्वविद्यालय, नैनीताल एवं अल्मोड़ा विन्विद्यालय सहित

उत्तराखण्ड तथा पर्यावरण मंत्रालय, भारत सरकार के अप्रोजल ऑथोरिटी के चेयरमैन भी रहे वर्तमान में वे एक्सपर्ट एडवाइजर के रूप में पर्यावरण मंत्रालय में सेवाएं दे रहे थे। उन्होंने पर्यावरण में पीएचडी एवं डीएससी किया है जो जर्मनी में प्रकाशित हो चुकी है।

जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

सूचना

दिनांक 23 अगस्त 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की कारखाना लाईमस्टोन माईन्स (ML 03/2003, Lease Area 240.86 Ha.), तहसील- निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता {2.0 Million TPA to 3.8 Million TPA of total excavation तथा 500 TPH Crusher के स्थापित करने) विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/36/2019-IA-II(M), दिनांक 19 अगस्त 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपि भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट www.parivesh.nic.in पर एक्ज. जे. के. सीमेन्ट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष-ऑपरेशन्स

जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा

जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

सूचना

दिनांक 23 अगस्त 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की मात्याखोड़ा लाईमस्टोन माईन्स (ML04/2003, Lease Area 315.409 Ha.), तहसील- निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता {3.2 Million TPA to 6.3 Million TPA of total excavation} विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/42/2019-IA-II(M), दिनांक 19 अगस्त 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपि भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट www.parivesh.nic.in पर एक्ज. जे. के. सीमेन्ट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष-ऑपरेशन्स

जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा

J.K. Cement WORKS, NIMBAHERA (RAJ)
MALIAKHERA LIMESTONE MINE
SIX MONTHLY AMBIENT AIR QUALITY & NOISE MONITORING REPORT
April'2021 to September'2021

Annexure-7

1) AMBIENT AIR QUALITY RESULTS : (ALL VALUES IN µg/M3)

Sample duration: 24 hours
(monthly average basis)

Month	Near Mine Office					Near Ravana Office					3 to10 Meter Distance From Drilling Operation				Near loading point			
	PM10	PM2.5	SO ₂	Nox	CO	PM10	PM2.5	SO ₂	Nox	CO	SPM	SO ₂	Nox	CO	SPM	SO ₂	Nox	CO
Apr-21	51.9	41.2	13.2	23.6	813	58.0	43.2	15.0	25.9	733	412	18.1	30.3	836	382	16.6	30.1	847
May-21	55.2	38.1	11.2	26.3	796	62.8	41.3	13.4	24.2	699	447	16.8	28.2	796	428	14.8	28.9	807
Jun-21	57.7	43.0	14.0	25.0	744	65.9	46.1	16.6	26.3	653	378	20.1	30.7	784	421	21.3	33.6	704
Jul-21	48.7	31.8	11.2	15.5	653	56.4	34.1	17.2	16.9	681	337	19.8	31.7	739	400	20.6	32.7	796
Aug-21	39.3	29.3	9.9	13.6	613	48.4	33.8	13.8	16.9	653	308	14.7	28.4	721	381	17.5	30.8	773
Sep-21	35.0	24.5	13.2	19.3	710	45.3	30.3	21.0	27.6	739	348	19.8	31.7	698	377	19.9	30.7	733
AVERAGE	48.0	34.6	12.1	20.5	721	56.1	38.1	16.2	23.0	693	372	18.2	30.2	762	398	18.5	31.1	777

2) NOISE LEVEL MEASUREMENT RESULTS : (ALL VALUES IN dB(A))

Month	Near Mines Gate		Near Ravana Office	
	DAY	NIGHT	DAY	NIGHT
Apr-21	60.8	55.7	61.3	52.6
May-21	62.7	56.9	63.1	53.8
Jun-21	61.6	54.6	64.2	55.3
Jul-21	67.8	58.6	66.3	52.7
Aug-21	63.3	54.1	60.1	44.78
Sep-21	64.4	55.3	58.6	42.3



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400001683	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-06-2021
Point of Collection :	Near Mine office, Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	340	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.36	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	42.41	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	3.63	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	77.61	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400001683)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400001684	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-06-2021
Point of Collection :	Near Ravana Office, Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	360	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.21	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	41.66	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	2.26	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	78.6	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maneswar
Authorized Signatory
(Report No: TC502521400001684)



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400001685	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-06-2021
Point of Collection :	3-10 Meter Distance Form Drilling Point of Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.65	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	378.9	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.46	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Purush Mal Yogi
Purush Mal Yogi

Senior Analyst

Rajesh Maneshwar
Rajesh Maneshwar

Authorized Signatory

(Report No: TC502521400001685)



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT


Report No./ULR No. :	TC502521400001686	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-06-2021
Point of Collection :	Near Loading point of Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.76	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	479.29	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.69	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Senior Analyst


Authorized Signatory
(Report No: TC502521400001686)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400001687	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-06-2021
Point of Collection :	Charlia Gadia Village, Karunda	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	9.82	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	36.83	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	2.81	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	66.16	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Rajendra

Senior Analyst

Bajin

Authorized Signatory

(Report No: TC502521400001687)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400001688	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-06-2021
Point of Collection :	Karunda Village	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	320	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	14.94	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM _{2.5}) [microgram/m3]	40.3	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	3.38	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM ₁₀) [microgram/m3]	78.27	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Rajesh Maheshwari
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400001688)



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521600001190	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	18-06-2021
Point of Collection :	Near Mine office, Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	65.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	50.2	IS 9989	65

Notes :-

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Puran Mal Yogi
Senior Analyst

Authorized Signatory
(Report No: TC502521600001190)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521600001191	Date :	05-07-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	18-06-2021
Point of Collection :	Near Ravana Office, Maliakhera Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	65.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	56.4	IS 9989	65

Notes :-

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Puran Mal Yogi
Senior Analyst


Authorized Signatory
(Report No: TC502521600001191)



TEAM TEST HOUSE

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400002810	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	20-09-2021
Point of Collection :	Near Mine office, Maliakhera Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.43	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	32.14	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.37	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	75.09	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400002810)



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TEST REPORT

Report No./ULR No. :	TC502521400002811	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	20-09-2021
Point of Collection :	Near Ravana Office, Maliakhera Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	270	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.83	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	26.42	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	1.82	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	66.08	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst
Puran Mah Yogi

Authorized Signatory
(Report No: TC502521400002811)



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TEST REPORT

Report No./ULR No. :	TC502521400002812	Date :	13-10-2021
Issued To :	M/S Maliakhara Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	20-09-2021
Point of Collection :	3-10 Meter Distance Form Drilling Point of Maliakhara Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	360	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.4	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	207.84	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.42	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Puran
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory

(Report No: TC502521400002812)



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TEST REPORT

Report No./ULR No. :	TC502521400002813	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Near Loading point of Maliakhera Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	240	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.43	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	230.19	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m ³]	4.95	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Purni Mal Yogi
Senior Analyst

Rajesh Maheshwari
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(Report No: TC502521400002813)



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TEST REPORT

Report No./ULR No. :	TC502521400002814	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Charlia Gadia Village, Karunda	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.47	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	27.3	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.4	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	75.95	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
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TEST REPORT

Report No./ULR No. :	TC502521400002815	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Karunda Village	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.4	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	28.76	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.16	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	74.75	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Purni Maheshwari
Senior Analyst


Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502521600002022	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Near Mine office, Maliakhera Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules; 1986
1	Noise Level (Day Time) : Leq [dB(A)]	61.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	54.8	IS 9989	65

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwar
Authorized Signatory
(Report No: TC502521600002022)



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TEST REPORT

Report No./ULR No. :	TC502521600002023	Date :	13-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Near Ravana Office, Maliakhera Mine	Date of Receipt :	04-10-2021
Date of Test/Analysis :	04-10-2021 to 13-10-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.2	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	55.2	IS 9989	65

Notes :-

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Puran Mal Yogi
Senior Analyst

Rakesh Maheshwari
Authorized Signatory
(Report No: TC502521600002023)

ANNEXURE-8

M/s J.K.CEMENT WORKS,NIMBAHERA		
Digital Water Level Recorder Report (Ground water Level) of Malikhera Limestone Mine. (ML No. 04/2003)		
Month	Telemetry BW_8 (in m)(avg.)	Remarks
Apr-21	49.97	
May-21	49.97	
Jun-21	49.96	
Jul-21	49.78	
Aug-21	24.45	
Sep-21	4.85	



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521100000856	Date :	21-05-2021
Issued To :	M/S Maliakhera Limestone Mine JK Cement Works, Nimbahera, Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	03-05-2021
Point of Collection :	Pit Water (Surface Water)	Date of Receipt :	05-05-2021
Date of Test/Analysis :	05-05-2021 to 21-05-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	0.58	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	8.06	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
5	Hardness (total) [mg/l]	360	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	67.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	422	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

Continue to next page...



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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Fluoride [mg/l]	0.63	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Suspended Solids [mg/l]	14	IS 3025 (Part 17) : 1984 RA 2017	-	-
11	Oil and Grease [mg/l]	BDL (<1.0)	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Conductivity [micromho/cm]	660	APHA 2017 : 2510 B	-	-
13	Calcium [mg/l]	132	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	Magnesium [mg/l]	7.29	IS 3025 (Part 46) : 1994 RA 2019	30	100
15	M - Alkalinity [mg/l]	210	IS 3025 (Part 23) : 1986 RA 2019	-	-

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
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(Report No: TC502521100000856)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521100000856	Date :	21-05-2021
Issued To :	M/S Maliakhera Limestone Mine JK Cement Works, Nimbahera, Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	03-05-2021
Point of Collection :	Pit Water (Surface Water)	Date of Receipt :	05-05-2021
Date of Test/Analysis :	05-05-2021 to 21-05-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Total coliform [MPN/100ml]	Not Detected	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml sample	-
2	E. Coli [MPN/100ml]	Not Detected	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwar
Authorized Signatory
(Report No: TC502521100000856)



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521100000857	Date :	22-05-2021
Issued To :	M/S Maliakhera Limestone Mine JK Cement Works, Nimbahera, Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Borewell Water	Date of Sample Collection/Monitoring :	03-05-2021
Point of Collection :	Hand Pump (Mines Office) - (Ground Water)	Date of Receipt :	05-05-2021
Date of Test/Analysis :	05-05-2021 to 22-05-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible Limit in the absence of alternative Source as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	7.96	IS 3025 (Part 11) : 1983 RA 2017	6.5 to 8.5	No relaxation
5	Hardness (total) [mg/l]	340	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	49.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	395	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible Limit in the absence of alternative Source as per IS 10500 : 2012
9	Fluoride [mg/l]	0.8	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Conductivity [micromho/cm]	635	APHA 2017 : 2510 B	-	-
11	Oil and Grease [mg/l]	BDL(<1.0)	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Total Suspended Solids [mg/l]	7	IS 3025 (Part 17) : 1984 RA 2017	-	-
13	Calcium [mg/l]	128	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	M - Alkalinity [mg/l]	200	IS 3025 (Part 23) : 1986 RA 2019	-	-
15	Magnesium [mg/l]	4.86	APHA:2017 : 3500-Mg-B	30	100

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521100000857)



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TEST REPORT

Report No./ULR No. :	TC502521100000858	Date :	22-05-2021
Issued To :	M/S Maliakhera Limestone Mine JK Cement Works, Nimbahera, Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Borewell Water	Date of Sample Collection/Monitoring :	03-05-2021
Point of Collection :	Hand Pump Near School of Piplia Village (Ground Water)	Date of Receipt :	05-05-2021
Date of Test/Analysis :	05-05-2021 to 22-05-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible Limit in the absence of alternative Source as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	8.10	IS 3025 (Part 11) : 1983 RA 2017	6.5 to 8.5	No relaxation
5	Hardness (total) [mg/l]	380	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	57.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	520	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible Limit in the absence of alternative Source as per IS 10500 : 2012
9	Fluoride [mg/l]	0.98	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Conductivity [micromho/cm]	820	APHA 2017 : 2510 B	-	-
11	Oil and Grease [mg/l]	BDL(<1.0)	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Total Suspended Solids [mg/l]	4	IS 3025 (Part 17) : 1984 RA 2017	-	-
13	Calcium [mg/l]	144	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	M - Alkalinity [mg/l]	230	IS 3025 (Part 23) : 1986 RA 2019	-	-
15	Magnesium [mg/l]	4.86	APHA:2017 : 3500-Mg-B	30	100

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Senior Analyst

Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502521100001588	Date :	21-08-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/ Monitoring	09.08.2021
Point of Collection :	Pit Water (Surface Water)	Date of Receipt :	12.08.2021
Date of Test/Analysis :	12-08-2021 to 21-08-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample CollectedBy :	Kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	1.9	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	8.20	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
5	Hardness (total) [mg/l]	340	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	29.99	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	326	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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Sunil

Praj



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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Fluoride [mg/l]	0.39	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Suspended Solids [mg/l]	10	IS 3025 (Part 17) : 1984 RA 2017	-	-
11	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Conductivity [micromho/cm]	509	APHA 2017 : 2510 B	-	-
13	Calcium [mg/l]	120	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2019	30	100
15	M - Alkalinity [mg/l]	120	IS 3025 (Part 23) : 1986 RA 2019	-	-

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Sunil Kumar
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521100001588)



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TEST REPORT

Report No./ULR No. :	TC502521100001589	Date :	21-08-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Borewell Water	Date of Sample Collection/ Monitoring	09.08.2021
Point of Collection :	Hand Pump (Mines Office) - (Ground Water)	Date of Receipt :	12.08.2021
Date of Test/Analysis :	12-08-2021 to 21-08-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample CollectedBy :	Kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	0.12	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	7.90	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
5	Hardness (total) [mg/l]	410	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	49.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	381	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Fluoride [mg/l]	0.62	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Suspended Solids [mg/l]	10	IS 3025 (Part 17) : 1984 RA 2017	-	-
11	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Conductivity [micromho/cm]	609	APHA 2017 : 2510 B	-	-
13	Calcium [mg/l]	144	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	Magnesium [mg/l]	12.15	IS 3025 (Part 46) : 1994 RA 2019	30	100
15	M - Alkalinity [mg/l]	170	IS 3025 (Part 23) : 1986 RA 2019	-	-

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Sunil Kumar
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521100001589)



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TEST REPORT

Report No./ULR No. :	TC502521100001590	Date :	21-08-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Borewell Water	Date of Sample Collection/ Monitoring	09.08.2021
Point of Collection :	Hand Pump Near School of Piplia Village (Ground Water)	Date of Receipt :	12.08.2021
Date of Test/Analysis :	12-08-2021 to 21-08-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	1 Ltr.	Sample CollectedBy :	Kishan murari
Unit's representative :	Mr Sunil Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Turbidity [NTU]	BDL (< 0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
4	pH	8.04	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
5	Hardness (total) [mg/l]	430	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
6	Iron [mg/l]	BDL (< 0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
7	Chloride [mg/l]	54.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
8	Total Dissolved Solids [mg/l]	490	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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Sunil

Prateek



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Email : marketinglab@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Fluoride [mg/l]	0.84	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
10	Suspended Solids [mg/l]	4	IS 3025 (Part 17) : 1984 RA 2017	-	-
11	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-
12	Conductivity [micromho/cm]	756	APHA 2017 : 2510 B	-	-
13	Calcium [mg/l]	156	IS 3025 (Part 40) : 1991 RA 2019	75	200
14	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2019	30	100
15	M - Alkalinity [mg/l]	250	IS 3025 (Part 23) : 1986 RA 2019	-	-

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Senior Analyst
Sunil Kumar

Rajesh Maheshwari
Authorized Signatory

(Report No: TC502521100001590)



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TEST REPORT

Report No./ULR No. :	TC502521200001789	Date :	25-10-2021
Issued To :	M/S Maliakhera Limestone Mine (ML No.-4/03) C/o JK Cement Works, Tehsil-Nimbahera, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Wastewater Sample	Date of Sample Collection/Monitoring :	21-09-2021
Point of Collection :	Maliakhera mine workshop water	Date of Receipt :	08-10-2021
Date of Test/Analysis :	08-10-2021 to 21-10-2021	Sampling Plan :	APHA 2017 : 1060
Quantity of Sample :	1 Ltr	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Total Dissolved Solids [mg/l]	1248	APHA 2017 : 2540 C	-
2	Total Suspended Solids [mg/l]	46	APHA.2017:2540-D	100
3	Dissolved Oxygen [mg/l]	5.4	APHA 2017 : 4500- O C	-
4	pH	8.13	APHA:2017 : 4500 H+B	5.5 - 9.0

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Sunil Kumar
Senior Analyst

K.N. Mukhophadyay
Authorized Signatory
(Report No: TC502521200001789)

राष्ट्रीय उत्पादकता परिषद्

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार के अन्तर्गत)
उत्पादकता भवन 5-6, इन्स्टीट्यूशनल एरिया,
लोदी रोड, नई दिल्ली-110 003



NATIONAL PRODUCTIVITY COUNCIL

(Under Ministry of Commerce & Industry, Govt. of India)
Utpadakta Bhavan, 5-6, Institutional Area,
Lodi Road, New Delhi - 110 003

Date: 01.01.2021

No. 80704/JKMAN/01

To

Sunil Kumar Singh

Manager (Environment)

J K Cement Works, Nimbahera

PO. Kailash Nagar- 312617

Dist. Chittorgarh (Rajasthan)

Sub: Submission of Report for "Water Audit at J K Cement Works, Mangrol and Maliakhara mine and Karunda mine as per the guidelines of CGWA, Ministry of Jal Shakti"

Reference – P.O. No.: 4600068437, Date: 21/11/2020

Dear Sir,

This is in reference to your purchase order No. mentioned above, "Water Audit at J K Cement Works, Mangrol and Maliakhara mine and Karunda mine as per the guidelines of CGWA, Ministry of Jal Shakti". Based on the data collection & measurement carried out during the field study, water audit report has been prepared and is being submitted to you.

Please find enclosed Final water audit report.

Thanking You

Yours faithfully

[Signature]
01/01/2021

(Prashant Srivastava)

Dy. Director & Head

(Energy Management)

Encl: As above.

Date/Time Tran at 13:51:49 September 16, 2021
Trigger Source Geo: 0.300 mm/s
Range Geo: 254.0 mm/s
Record Time 3.875 sec (Auto=3Sec) at 2048 sps
Operator/Setup: P K Dawer/Maliakhara Mine.MMB

Notes

Location: Maliakhara Mine
Client: J K CEMENT WORKS
User Name: J K CEMENT WORKS
General:

Serial Number UM17400 V 10-89 Micromate ISEE
Battery Level 3.7 Volts
Unit Calibration December 5, 2020 by UES New Delhi
File Name UM17400_20210916135149.IDFW

Post Event Notes

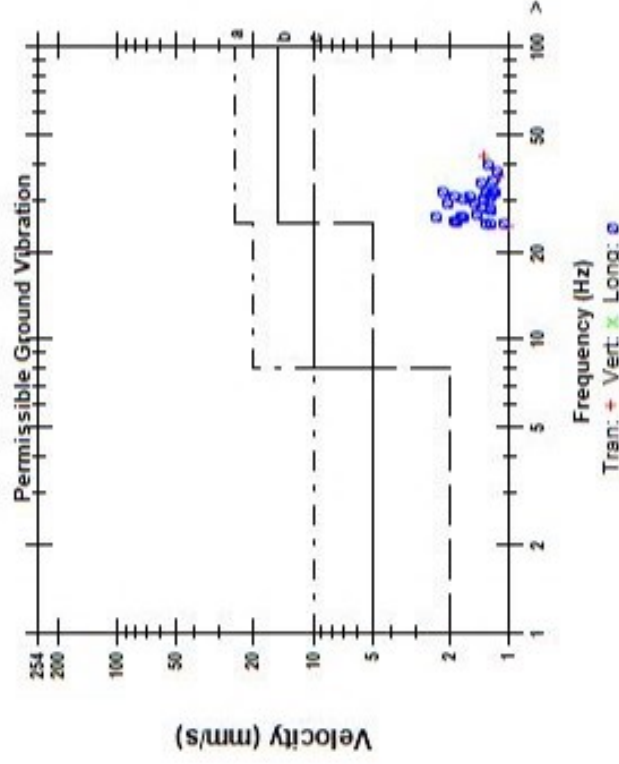
Bench : II W (W to E) , BID : 8-20
No. of Holes: 14 ; Charge Per delay : 30.42 Kgs.
Vibration Monitored at 300 Mtr. MKM Village Road

Microphone Linear Weighting
PSPL 99.08 dB(L) at 1.682 sec
ZC Freq 146 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1112 mv)

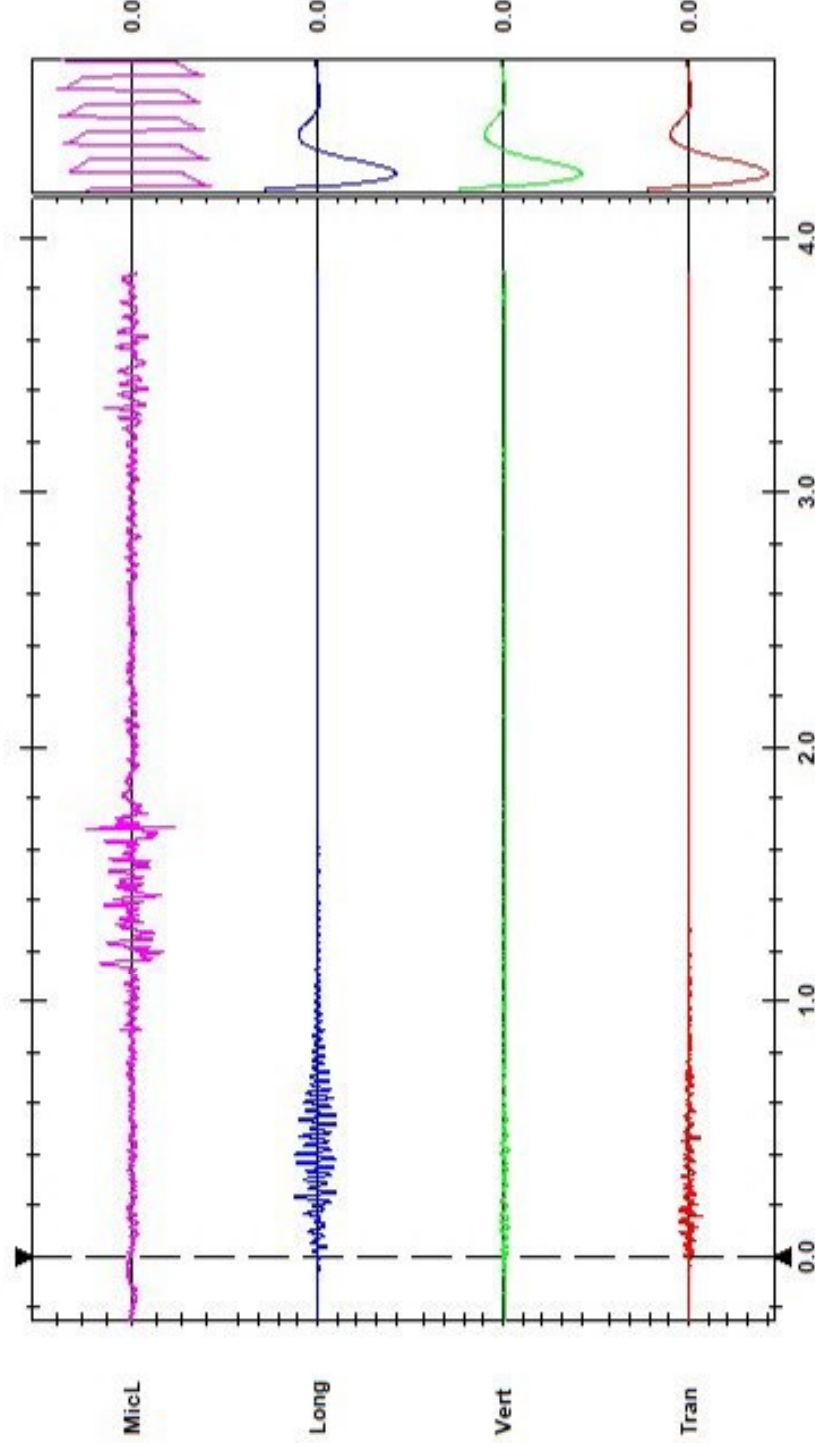
	Tran	Vert	Long	
PPV	1.340	0.701	2.388	mm/s
ZC Freq	43	20	26	Hz
Time (Rel. to Trig)	0.160	0.417	0.232	sec
Peak Acceleration	0.039	0.020	0.044	g
Peak Displacement	0.005	0.012	0.014	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.3	7.3	Hz
Overswing Ratio	4.5	4.7	4.6	

Peak Vector Sum 2.407 mm/s at 0.232 sec

DGMS India (A)



- a) Industrial Buildings
- b) Domestic houses/structures
- c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 2.000 mm/s/div Mic: 1.000 pa.(L)/div
Trigger =

Sensor Check

JK Cement Works, Nimbahera
Maliakhara Limestone Mine
Illumination Survey Report for the quarter ending June, 2021

S.no	Place of Area	Illumination (Lux)	Level	Remark
1	General Working Area	16	H	
2	Haulage Road	14	H	
3	Operator Cabin			
	Kobelco 2	56	H	
	Kobelco 3	61	H	
	Kobelco 4	59	H	
	Dozer	56	H	
4	Drilling			
	IRB (400) 2	25	H	
		32	V	
5	Dumper			
	H- 10	56	H	
	H- 11	60	H	
	H- 12	62	H	
	H- 17	53	H	
	H- 20	57	H	
	H- 21	57	H	

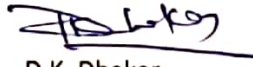
Dated	30-Jun-21
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 D.K. Dhakar
 (Mines Manager)

JK Cement Works, Nimbahera
Maliakhera Limestone Mine
Illumination Survey Report for the quarter ending September, 2021

S.no	Place of Area	Illumination (Lux)	Level	Remark
1	General Working Area	15	H	
2	Haulage Road	12	H	
3	Operator Cabin			
	Kobelco 1	53	H	
	Kobelco 3	56	H	
	Dozer	60	H	
4	Drilling			
	IRB (400) 1	24	H	
		32	V	
5	Dumper			
	H- 10	53	H	
	H- 12	54	H	
	H- 15	55	H	
	H- 18	53	H	

Dated	30-Sep-21
-------	-----------


 D.K. Dhakar
 (Mines Manager)



प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

(Rule 115 of CMV Rules 1989)

11903250

Pucc No :	D10RJ09119704
Vehicle No :	RJ27GD2832
Customer Name :	BASANT ENTERPRISES PVT. LTD.
Customer Mobile :	9784359958
Year of Regn :	01-02-2020
Type of Vehicle :	TIPPER
Make :	Ashok Leyland Ltd
Model :	HGV
Test Date :	08-09-2021
Time :	12:29:08 PM
Valid UpTo :	07-03-2022
Center Name :	Mewar Mobile Pollution Checking Center
Center Address :	Chanderiya, Chittorgarh
Licence No :	RJ09-0010/0010
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle

Avg	RPM Min	RPM Max	Temp
603		1776	NA

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	636	1808	0.54	20.8	NA
2	610	1900	0.56	21.4	NA
3	591	1882	0.50	19.3	NA
Mean			0.53	20.5	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

Authorised Signatory

D10RJ09

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REHA TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept, Govt. of Rajasthan

Transport Dept, Govt. of Rajasthan

Veh Reg No : RJ27GD2832
PUC No. : D10RJ09119704
Valid up to : **07-03-2022**
Scan QR Code to Validate

Veh Reg No : RJ27GD2832
PUC No. : D10RJ09119704
Valid up to : **07-03-2022**
Scan QR Code to Validate

FORM - O

(See rule 29F (2) and 29L)

Report of Medical Examination under rule 29 B

(To be issued in triplicate **)

Certificate No.....

Certified that shri **ANJUM SHEKH S/O ANAR MAHOMMAD** as **MECHANIC** in **MALIYA KHERA MINES**, Form **A**
 No. **98**

Has been examined for an **initial** / periodical medical examination. He appears to be **35** years of age.

The findings of the examining authority are given in the attached sheet. It is considered that –

Shri. **ANJUM SHEKH S/O ANAR MAHOMMAD**.

(a) * is medically fit for any employment in mines, ✓

(b) * is suffering fromand is medically unfit for –

- (i) Any employment in mine; or
- (ii) Any employment below ground; or
- (iii) Any employment or work

(c) * is suffering fromshould get this disability cured / controlled * and should be again examined within a period ofmonths. He will appear for re- examination with the result of test of and the opinion of X

Specialist from He may be permitted / not permitted * to carry on his duties during this period



Signature of the examining
Dr. S. K. CHAUDHARY
 Authority C.M.O.
J.K.C.W. NIMBAHERA (RAJ.)
 Reg. No. 21732
 Name and designation in
 Block letters.

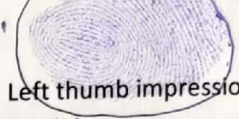
*Delete whatever is not applicable** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post ; and the third copy shall be retained by the examining authority.

FORM - O (Continued)

Report of the examination authority

(To be filled in for every medical examination whether initial or periodical or re-examination or after cure/ control of disability)

Annexure to certificate no. _____ As a result of medical examination on 01/07/21

Identification Mark - A black mole ant. chest  Left thumb impression of the candidate.

1. General Development

Good / Fair / Poor

2. Height: - 170 cms.

3. Weight: - 64 kg.

4. Eyes :-

(i) Visual acuity N Distance vision (with or without glasses)

(ii) Any organic disease of eyes none

(iii) Night blindness no

(iv) Color blindness no

(v) Squint _____

(To be tested in special cases)

5. Ears :-

(i) Hearing Right ear N Left ear N

(ii) Any organic disease. none

6. Respiratory system (Chest measurement) :-

(i) After full inspiration:- 90 cms.

(ii) After full expiration :- 87 cms.

7. Circulatory system :-

(i) Blood Pressure :- 118/76 /mmhg.

(ii) Pulse :- 79 / min.

8. Abdomen :-
- (i) Tenderness-----no-----
- (ii) Liver-----NP-----
- (iii) Spleen-----NP-----
- (iii) Tumour-----not seen-----
9. Nervous system :-
- (i) History of fits or epilepsy-----no-----
- (ii) Paralysis-----no-----
- (iii) Mental Health-----fine-----
10. Locomotors system-----N-----
11. Skin-----N-----
12. Hernia-----no-----
13. Hydrocele-----no-----
14. Any other abnormality-----none-----
15. Urine :-
- (i) Reaction-----acidic-----
- (ii) Albumin-----nil-----
- (iii) Sugar-----nil-----
16. Skiagram of chest. NAD
17. Any other test considered necessary by the examining authority.-----
18. Any opinion of specialist considered necessary-----

Signature of the examining Authority.

Dr. S. K. CHAUDHARY

Regd. No.

J.K.C.W. NIMBAHERA (RAJ.)

Reg. No. 21732

Place:-

Nimbahera

Report of Medical Examination under Mines Rules 29 B

(To be used in continuation of Form O)

Certificate No. :-

Name: - ANJUM SHEKH S/O ANAR MAHOMMAD.

Identification Marks:- A black mole ant. chest

Result of Lung Function Test (Spirometry)

Particulars	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FVC)			
Forced Expiration Volume -1 (FEV-1)			
FEV-1 / FVC			
Peak Expiratory Flow			

Spirometry report enclosed

not done due to COVID-19

Signature of Examination Authority

Dr. S. K. CHAUDHARY

C.M.O.

J.K.C.W. NIMBAHERA (RAJ.)

Regd. No. 21732

**Report of Medical Examination as per the recommendations of
National Safety Conference in Mines**

(To be used in continuation of Form O)

Certificate No. :-

Name: - ANJUM SHEKH S/O ANAR MAHOMMAD.

Identification Marks:-

A black mole ant. chest

01. Cardio logical Assessment :-

Auscultation	S1	(N)
	S2	(N)
	Additional Sound	none
Electrocardiographs (12 leads) findings		Normal / Abnormal

Enclosed ECG

02. Neurological Assessment :-

Findings	Normal / Abnormal
Superficial Reflexes	(N)
Deep Reflexes	(N)
Peripheral Circulation	(N)
Vibrational Syndromes	(N)

03. ILO Classifications of Chest Radiograph:-

Profusion of Pneumoconiosis opacities	Grade	Types
Present / Absent	—	—

Enclose Chest Radiograph

Continued:-

04. Audiometry Findings :-

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal / Abnormal	Normal / Abnormal
Bone Conduction	Normal / Abnormal	Normal / Abnormal

Enclosed Audiometry Report

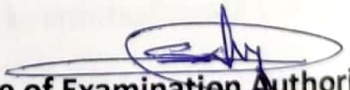
05. Pathological / Microbiological Investigations :-

Sr. No.	Tests	Findings
01.	Blood- Tlc,Dlc,Hb, ESR, Platelets	WNL / Abnormal
02.	Blood Sugar – Fasting & PP	WNL / Abnormal
03.	Lipid Profile	WNL / Abnormal
04.	Blood Urea , Creatinine	WNL / Abnormal
05.	Urine Routine	WNL / Abnormal
06.	Stool Routine	WNL / Abnormal

06. Special Test foe Mn Exposure :-

Behavioral Disturbances		Present / Not Present
Neurological Disturbance	Special Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadocokinesia	Present / Not Present
	Emotional Changes	Present / Not Present

Any other Test Required


Signature of Examination Authority

Dr. S. K. CHAUDHARY
C.M.O.
J.K.G.W. NIMBAHERA (RAJ.)
Regd. No. 21732