



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

J- 11015/36/2019/-IA.II (M) Dated 19.08.2021

Period: April-2021 to September-2021

**For
Karunda Limestone Mine
Production Limestone: 2.0 MMTPA to 3.8 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)**

Karunda Limestone Mine of J. K. CEMENT WORKS, NIMBAHERA (RAJ.)

Period: April' 2021 to September' 2021

Expansion of Karunda Limestone mine (M.L. No. 03/2003, Area 240.86 ha.) from 2.0 Million TPA Limestone to total excavation of 3.8 Million TPA (Cement grade Limestone: 3.448 Million TPA, Subgrade Limestone: 0.152 Million TPA, Interstitial Clay/ Screen rejects/ Waste: 0.189 Million TPA and Top Soil: 0.011 Million TPA) at Village – Karunda, Tehsil – Nimbaheera, District – Chittorgarh, Rajasthan by J.K. Cement Works (A Unit of J.K. Cement Ltd.).

Environment Clearance issued from MOEF& CC, IA Division, New Delhi vide letter No. J-11015 / 36/ 2019-IA.II (M) Dt.19.08.2021.

| S. No. | Condition | Status |
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| (A) Specific Conditions | | |
| 1 | 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. | Complied With. Safety zone of 300 m has been maintained towards Charliya, Karunda and Pipliya villages, same will be maintained till conceptual stage. If any changes are observed, prior permission will be obtained. |
| 2 | It is proposed to create a water reservoir at 175.086 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. |
| 3 | 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. One 15KL 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 style="text-align: center;">Water Spray practice on blasted muck</p> |
| 4 | There are village roads passing through the mine lease area. 50 m safety zone on either side and avenue plantation | Agreed. The diversion of road has been taken by Govt of Rajasthan, 50 m safety zone on either side of road and avenue plantation is being/will be under-taken. |


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| | must be undertaken as there was no proposal for road diversion. The safety zone from nearby village currently maintained at 300 m till the life of mine must be maintained at SE and SW directions. | Safety zone of 300 m has been maintained towards Charliya, Karunda and Pipliya villages, same will be maintained till conceptual stage. If any changes are observed, prior permission will be obtained. | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 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. | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | PP should ensure plantation in the mined out pits in the benches which are not sub-merged in water with 95% survival rate. | Agreed & Noted. Presently mine pits are active. | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | PP must not exceed the total excavation that it has considered for preparation of EMP at any time during the operation. | Complying With. The excavation quantity is well within the limit. Status of Excavation from April-Sept 2021 in metric tonnes as given below:- <table><tr><td>S. No</td><td>Cement grade Limestone</td><td>Sub Grade Limestone</td><td>IB/Screen reject/Waste</td><td>Top Soil</td></tr><tr><td>1</td><td>1146124.96</td><td>15000.32</td><td>--</td><td>5960</td></tr></table> | | | | | S. No | Cement grade Limestone | Sub Grade Limestone | IB/Screen reject/Waste | Top Soil | 1 | 1146124.96 | 15000.32 | -- | 5960 | | | | | | | | | | |
| S. No | Cement grade Limestone | Sub Grade Limestone | IB/Screen reject/Waste | Top Soil | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1146124.96 | 15000.32 | -- | 5960 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Timeline for crusher and belt conveyer installation from Karunda to Maliakhara for internal transport be submitted. | Noted. | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 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. <table><tr><td>Location of plantation</td><td>Total Area</td><td>Total Plantation Up to March 2021</td><td>Total Plantation in nos. April 21 to Sept 2021</td><td>Remark</td></tr><tr><td>Periphery area (Safety Zone)</td><td>4.90 ha</td><td>0.898 ha covered with 2245 nos Saplings.</td><td>1.64 ha covered with 4105 nos Saplings.</td><td>Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23</td></tr><tr><td>Non mineral area/ Avenue Plantation/ Village Road</td><td></td><td>23.602 ha. with 60105 nos. plantation done (within & outside lease area)</td><td>1.267 ha sapling 3170 nos.</td><td>--</td></tr><tr><td>Total</td><td></td><td>24.5 ha (62350 nos)</td><td>2.907 ha (7275 nos)</td><td></td></tr></table> | | | | | 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) | 4.90 ha | 0.898 ha covered with 2245 nos Saplings. | 1.64 ha covered with 4105 nos Saplings. | Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23 | Non mineral area/ Avenue Plantation/ Village Road | | 23.602 ha. with 60105 nos. plantation done (within & outside lease area) | 1.267 ha sapling 3170 nos. | -- | Total | | 24.5 ha (62350 nos) | 2.907 ha (7275 nos) | |
| 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) | 4.90 ha | 0.898 ha covered with 2245 nos Saplings. | 1.64 ha covered with 4105 nos Saplings. | Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23 | | | | | | | | | | | | | | | | | | | | | | |
| Non mineral area/ Avenue Plantation/ Village Road | | 23.602 ha. with 60105 nos. plantation done (within & outside lease area) | 1.267 ha sapling 3170 nos. | -- | | | | | | | | | | | | | | | | | | | | | | |
| Total | | 24.5 ha (62350 nos) | 2.907 ha (7275 nos) | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | The compliance to public hearing as indicated in the table with an investment of 160 Lakhs be submitted annually to the Ministry. | Complying With. The details of public hearing issue addressed are given below: | | | | | | | | | | | | | | | | | | | | | | | | |
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| CSR Project or activities | Time bound Action Plan with Budgetary allocation | Capital Cost (Amount Rs in Lakh) | | | | | |
|---|---|---|------------------------|----------------------------|---------|---------|-------|
| | | 2021-22 | Work Completion Status | Cost expenditure (in Lacs) | 2022-23 | 2023-24 | Total |
| Panchayati Nohra in Village Maliakheri | After allotment of land by Government/Panchayat Construction of Panchayati Nohra/Community Center in Village Maliakhedi will be done in FY 2022-23 with a budget of Rs.50 Lakhs | | | | 50 | | 50 |
| Plantation at Alsigarh Balaji Temple near Village Falwa | Budget for Plantation activities (300 nos of sapling with tree guard) at Alsigarh Balaji Temple near Village Falwa will be Rs. 5.0 Lakhs and work will be completed in FY 2021-22 & 2022-23. | 2.5 | Completed | 0.5 | 2.5 | | 5 |
| Gaushala in Village Phalwa | After allotment of land by Government/Panchayat, Construction of Gaushala in village Phalwa will be done in FY 2021-22 & 2022-23 with a budget of Rs.20.0 Lakhs. | | | | | 20 | 20 |
| Solar water pump set in village Phalwa | Installation of Solar water pump set will be done by year 2021-22 with a cost of Rs. 3.0 Lakhs | 3 | Going On | | | | 3 |
| CC Road and drainage at Shergharh Village. | Construction of CC road (700-800 mtr) and drainage in Village Shergharh will be done in year 2022-23 with a budget of Rs. 14.0 Lakh | | | | 14 | | |
| CC Road in Pipaliya & Karunda Village . | Construction of CC road (1400 mtr) and drainage in Village Saand will be done in year 2021-22 with a budget of Rs. 18.0 Lakh | 18 | Completed | 16 | | | 18 |
| Community Hall in Pipliya Gadiya Village | After allotment of land by Government/Panchayat, Construction of Community Hall in Pipliya Gadiya Village will be done in FY 2022-23 with a budget of Rs.20 Lakhs | | | | 20 | | 20 |
| Pipeline for drinking water in Village Maliakhera | Budget for the pipeline will be Rs. 20 Lakhs and completed in FY 2021-22 (1000 mtr Length) | 20 | Completed | 20 | | | 20 |
| Need based | Total project cost is Rs. 49.29 Crore and considering 2% of project cost, total CER cost comes to Rs. 99 lacs. However, we are proposing CER Cost of Rs. 160 lacs. Accordingly there is an additional provision of Rs. 24 lacs to meet the instant requirement from the community | | | | | 24 | 24 |
| | Total | 43.5 | | 36.5 | 86.5 | 44 | 160 |
| 11 | 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 Cat), (d.) <i>Canis lupus pallipes</i> (Indian Wolf), (e.) <i>Varanusbengalensis</i> (Indian Monitor Lizard) | | | | | |

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| | | <p>(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 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. Copy of letter is enclosed as Annexure-1.</p> |
| 12 | 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 |
| 13 | 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) | Standards 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 JKCWNBH-Karunda/EC-Comp /2021-22to 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 JKCWNBH-Karunda/EC-Comp /2021-22to 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 | 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 JKCWNBH-Karunda/EC-Comp /2021-22to State Government, copy of the same is enclosed as Annexure-2 . |




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| | Common Cause versus Union of India & Ors. | |
| 4 | This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project. | Not applicable |
| 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. <ul style="list-style-type: none"> • CTE granted by RSPCB vide letter no. F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3482-3486 dt. 26/10/2021. • CTO granted by RSPCB vide letter no. F(Mines)/Chittorgarh (Nimbahera) /1869 (1) /2017-2018/3891-3895 dt. 12/11/2021 which is valid up to 31/10/2026. Copy of CTE & CTO enclosed as 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 29th October ,2014, titled "Impact of mining activities on Habitations –issues related to the mining projects wherein habitations and villages are the part of mine lease areas or Habitations and | 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. |

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| | villages are surrounded by the mine lease area" | 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 at concern panchayat, Zila Parishad, DIC office ,District Collector ,SDM office vide letter no. NBH/PC-A/EC-M/ KRD /13, dt. 23.08.2021, copy of same 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 with. |
| 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. EC granted information published in two local newspapers i.e. Dainik Bhasker & Rajasthan Patrika on 24.08.2021, Copy of same enclosed as 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. |

| II | Air quality monitoring and preservation | |
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| 1 | <p>The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-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 within 03 months in front of the main Gate of the mine site.</p> | <p>Complied with,</p> <p>Three (03) nos of CAAQMS has been installed all along the mine lease boundary:</p> <ol style="list-style-type: none"> 1. Near View Point towards Villages Charliya and Peepliya. 2. Near North Pit towards Village Karunda 3. Towards Village Charliya (Common for Karunda mine and Maliakhera mine) <p>Digital display board has been provided at Mine Office.</p> <p>Request has been made to CPCB and RSPCB for Connectivity of CAAQMS.</p>  |
| 2 | <p>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</p> | <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 point to control the fugitive emission. •Ambient air quality and Noise monitoring is carried out by third party which is a NABL accredited laboratory are enclosed as Annexure-7. |

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| | Board. | |
| 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.</p> <p>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 course and / or water resources will be obstructed due to any mining operation.</p> <p>In Karunda Mining lease area, there exists a nallah in South side flowing in South direction from SW to SE direction meeting the catchment area of the earthen dam. This nallah is only a seasonal nallah and is not a perennial one.</p> <p>This area is already deducted from the active mine working and also we have put embankment all along the length of the nallah keeping a safety distance of 15 m from it in addition to safety zone of 45 m on both side all along the nallah.</p> <p>Ground water level and quality report submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.</p> |
| 3 | 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- | <p>Complying with.</p> <p>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 5 nos. of piezometer holes for periodic & one DWLR (Digital water level Recorder) with telemetry</p> |

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| | monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board. | system for online monitoring of ground water level. The report is enclosed in Annexure-8 . |
| 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.</p> <p>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 shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display</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 accredited Lab. • Mine Key parameter data has been uploaded at |

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| | 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. | 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>To augment the water resources, rain water harvesting is done and stored in lower most benches (Water reservoir).</p> <p>Surface rain water is collected in the lower most benches to augment Ground water resources.</p> <p>Anicut and siltation pond is constructed to augment water table.</p> <p>Photographs showing Mine pit, anicut and siltation pond are as below.</p>    |
| 7 | Industrial waste water (workshop and waste water from the mine) should be | There is no industrial waste water is generated from the Mine operation. |

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| | 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. | |
| 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. | Being Complied. Annual Water Audit has been done by NPC, enclosed as Annexure-10 . |
| 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. | Complying with. 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. The nearest habitation village Charliya and Pipliya-Gadia are at 300m. Maximum peak partial velocity was observed is 3.461 mm/sec (April'21 to Sept'21). Vibration report is enclosed as Annexure-11 . |
| 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 the villagers and keeping the noise levels well within the prescribed limits for day/night hours. | Complying with. The illumination is being monitored and results are well within the limit. Report is enclosed in Annexure-12 . |
| 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 | Complying with. <ul style="list-style-type: none"> 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 earplugs. Onsite tool talk is being provided on daily basis and |

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| | 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. | periodical training given to all employee & workmen. • Latest Noise monitoring is carried out by third party which is NABL accredited laboratory, enclosed as Annexure-7 . | | | | | | | | | | |
| 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 opencast, fully mechanized 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 from April-Sept 2021 in metric tonnes as given below: - <table><tr><td>SN</td><td>Cement grade Limestone</td><td>Sub Grade Limestone</td><td>IB/Screen reject/Waste</td><td>Top Soil</td></tr><tr><td>1.</td><td>1146124.96MT</td><td>15000.32 MT</td><td>Nil</td><td>5960 MT</td></tr></table> | SN | Cement grade Limestone | Sub Grade Limestone | IB/Screen reject/Waste | Top Soil | 1. | 1146124.96MT | 15000.32 MT | Nil | 5960 MT |
| SN | Cement grade Limestone | Sub Grade Limestone | IB/Screen reject/Waste | Top Soil | | | | | | | | |
| 1. | 1146124.96MT | 15000.32 MT | Nil | 5960 MT | | | | | | | | |
| 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 approved mining plan. The | There is no back filling proposed in the approved mining plan. | | | | | | | | | | |

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|--------------|--|---|--------------|--------|-------|--------|-----------|-----|------|-----|
| | 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. <ul style="list-style-type: none">• The top soil generated during mining operation is being stacked at designated places and used for plantation.• The total Top soil generated during mining operation during April 2021 to September 2021 is 5960 MT and is used for plantation purpose. | | | | | | | | |
| 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. <p>No interburden / interstitial clay is generated during April 2021 to Sept. 2021.</p> <p>The quantity of sub grade mineral stacked within ML area at earmarked site during the year 2021-22 till 30th September 2021 is 15000.32 MT. The total area occupied by stacking of sub grade material till 30.09.2021 is 6.275 ha.</p> | | | | | | | | |
| 3 | The reclamation of waste dump sites shall be done in scientific manner as per the approved mining plan cum progressive mine closure plan. | Agreed & 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 plan species to the microclimate. The gullies formed on slopes should be | Complying with. <p>Presently there are 3 no's of active dumps of subgrade materials existing in our mine and their dimension in meters are as follows:</p> <table><tr><td>No. of Stack</td><td>Length</td><td>Width</td><td>Height</td></tr><tr><td>1 - south</td><td>463</td><td>86.5</td><td><10</td></tr></table> | No. of Stack | Length | Width | Height | 1 - south | 463 | 86.5 | <10 |
| No. of Stack | Length | Width | Height | | | | | | | |
| 1 - south | 463 | 86.5 | <10 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-----------------------------|--------------|------------------------|---|------------------------------|---|---|---|--|---|---------|------------|-----------|-----------|--------------|-----|--------|-----|------|---------|----|----|----|---|-----|----|----|----|---|-----|----|----|----|------|-------|-------|--|--|--|----------|
| | adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/levelling of dump mass. In critical areas use of geo textiles/geo-membranes/clay liners/ Bentonite etc. shall be undertaken for stabilization of the dump. | <table><tr><td>2 - East</td><td>255</td><td>106</td><td><10</td></tr><tr><td>3 - west</td><td>200</td><td>71</td><td><10</td></tr></table> <p>Also, there are 2 no's of active dumps of Interstitial Clay and their dimension in meters are as under:</p> <table><tr><td>No. of Dump</td><td>Length</td><td>Width</td><td>Height</td></tr><tr><td>1-south</td><td>385</td><td>66</td><td><10</td></tr><tr><td>2-West</td><td>114</td><td>50</td><td><10</td></tr></table> <p>As per the condition, plantation will be done after the dumps become inactive or dead.</p> | 2 - East | 255 | 106 | <10 | 3 - west | 200 | 71 | <10 | No. of Dump | Length | Width | Height | 1-south | 385 | 66 | <10 | 2-West | 114 | 50 | <10 | | | | | | | | | | | | | | | | | | | | |
| 2 - East | 255 | 106 | <10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 - west | 200 | 71 | <10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of Dump | Length | Width | Height | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-south | 385 | 66 | <10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-West | 114 | 50 | <10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 M0EF&CC. | <p>Agreed and will be complied, if dump height goes beyond 30m.</p> <p>Presently dump height is less than 10 m for sub grade mineral.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | <p>Complied with.</p> <p>Rainwater collected in mine pit and transfers to non-working pit to sedimentation and then utilize for various purpose.</p> <table><tr><td>Catch drain / Garland drain</td><td>Dimension</td></tr><tr><td>1. West of North pit –</td><td>Length – 850 m Width – 1 m, Depth - 1.5 m</td></tr><tr><td>2. South West of South pit –</td><td>Length – 770 m Width – 1 m, Depth - 1.5 m</td></tr><tr><td>3. Around Subgrade dump in NE side of North pit near Charlia village–</td><td>Length – 921 m Width – 1 m, Depth - 1.5 m</td></tr><tr><td>4. Around Subgrade dump in South side of South pit –</td><td>Length – 183 m Width – 1 m, Depth - 1.5 m</td></tr></table> <p>Constructed four siltation pit with dimension as given below: -</p> <table><tr><td>Sr. No.</td><td>Length (M)</td><td>Width (M)</td><td>Depth (M)</td><td>Capacity M3)</td></tr><tr><td>1</td><td>15.5</td><td>15</td><td>2.45</td><td>569.625</td></tr><tr><td>2.</td><td>18</td><td>17</td><td>3</td><td>918</td></tr><tr><td>3.</td><td>17</td><td>17</td><td>3</td><td>867</td></tr><tr><td>4.</td><td>20</td><td>16</td><td>2.46</td><td>787.2</td></tr><tr><td colspan="4">Total</td><td>3141.825</td></tr></table> | Catch drain / Garland drain | Dimension | 1. West of North pit – | Length – 850 m Width – 1 m, Depth - 1.5 m | 2. South West of South pit – | Length – 770 m Width – 1 m, Depth - 1.5 m | 3. Around Subgrade dump in NE side of North pit near Charlia village– | Length – 921 m Width – 1 m, Depth - 1.5 m | 4. Around Subgrade dump in South side of South pit – | Length – 183 m Width – 1 m, Depth - 1.5 m | Sr. No. | Length (M) | Width (M) | Depth (M) | Capacity M3) | 1 | 15.5 | 15 | 2.45 | 569.625 | 2. | 18 | 17 | 3 | 918 | 3. | 17 | 17 | 3 | 867 | 4. | 20 | 16 | 2.46 | 787.2 | Total | | | | 3141.825 |
| Catch drain / Garland drain | Dimension | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. West of North pit – | Length – 850 m Width – 1 m, Depth - 1.5 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. South West of South pit – | Length – 770 m Width – 1 m, Depth - 1.5 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Around Subgrade dump in NE side of North pit near Charlia village– | Length – 921 m Width – 1 m, Depth - 1.5 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Around Subgrade dump in South side of South pit – | Length – 183 m Width – 1 m, Depth - 1.5 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr. No. | Length (M) | Width (M) | Depth (M) | Capacity M3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 15.5 | 15 | 2.45 | 569.625 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | 18 | 17 | 3 | 918 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | 17 | 17 | 3 | 867 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | 20 | 16 | 2.46 | 787.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | 3141.825 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



A View of Garland Drain System At Karunda Limestone Mine of J.K. Cement Works, Nimbahera

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.

Total rainfall in single day (considering 50 mm maximum rainfall)-

1. Total rain water would be available= OB dump (area) X rainfall(m) X Runoff coefficient (20%)

$$23340 \text{ M}^2 \times 0.05 \text{ M} \times 0.20 = 233.4 \text{ M}^3$$

and considering 50% safety margin then total capacity of siltationpond should be 466.8 m³.

2. Sub grade stack (area) X rainfall (m)X Runoff coefficient (20%) 62540 X 0.05 M X 0.20 = 625.4 M³ and considering 50% safety margin then total capacity of siltation pond should be 1250.8 m³.

Total rain water collection capacity of siltation pit requires = 466.8

$$+ 1250.8 = 1717.6 \text{ m}^3$$

Constructed four siltation pit with dimension as given below: -

| Sr. No. | Length (M) | Width (M) | Depth (M) | Capacity M ³ |
|---------|------------|-----------|-----------|-------------------------|
| 1 | 15.5 | 15 | 2.45 | 569.625 |
| 2. | 18 | 17 | 3 | 918 |
| 3. | 17 | 17 | 3 | 867 |
| 4. | 20 | 16 | 2.46 | 787.2 |
| Total | | | | 3141.825 |


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 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

Complying with.

The total top soil generated during mining operation in the year 2021-22 till 30th September 2021 is 5960 MT and is used for plantation purpose.

| | | |
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| | shall be strictly adhered the stability of dumps. The top soil shall be used for land reclamation and plantation purpose. | |
| VIII | Transportation | |
| 1 | <p>No transportation of the minerals shall be allowed in case of roads passing through villages/habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal state govt. department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control(PUC) certificate for all the vehicles from authorized pollution testing centers.</p> | <p>Complying with.</p> <p>Mineral is being transported by own CC road.</p> |
| 2 | <p>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 installed at crusher, belt –conveyors and other areas prone to air pollution the belt</p> | <p>Complying with.</p> <p>Tanker-mounted water sprinkling system has provided for control of fugitive dust emission & regular water sprinkling carried out on loading unloading point, transfer point as well as the haul roads to prevent the dust becoming air borne during transportation movement of vehicles by water tanker.</p> |

| | conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions. | <div></div> <div>Water Spray practice on blasted muck</div> <p>The fugitive emission monitoring carried out regularly. Monitoring report of fugitive emission of period Apr-21 to Sept-21 enclosed as Annexure-13.</p> | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|-----------------------------------|--|--------|------------------------------|---------|--|---|--|---|--|---|----------------------------|----|-------|--|---------------------|---------------------|--|
| 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. <table><tr><th>Location of plantation</th><th>Total Area</th><th>Total Plantation Up to March 2021</th><th>Total Plantation in nos. April 21 to Sept 2021</th><th>Remark</th></tr><tr><td>Periphery area (Safety Zone)</td><td>4.90 ha</td><td>0.898 ha covered with 2245 nos Saplings.</td><td>1.64 ha covered with 4105 nos Saplings.</td><td>Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23</td></tr><tr><td>Non mineral area/ Avenue Plantation/ Village Road</td><td></td><td>23.602 ha. with 60105 nos. plantation done (within & outside lease area)</td><td>1.267 ha sapling 3170 nos.</td><td>--</td></tr><tr><td>Total</td><td></td><td>24.5 ha (62350 nos)</td><td>2.907 ha (7275 nos)</td><td></td></tr></table> | 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) | 4.90 ha | 0.898 ha covered with 2245 nos Saplings. | 1.64 ha covered with 4105 nos Saplings. | Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23 | Non mineral area/ Avenue Plantation/ Village Road | | 23.602 ha. with 60105 nos. plantation done (within & outside lease area) | 1.267 ha sapling 3170 nos. | -- | Total | | 24.5 ha (62350 nos) | 2.907 ha (7275 nos) | |
| 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) | 4.90 ha | 0.898 ha covered with 2245 nos Saplings. | 1.64 ha covered with 4105 nos Saplings. | Remaining Periphery plantation area 2.36 ha will be in remaining period of FY 2021-22 & FY 2022-23 | | | | | | | | | | | | | | | | | | |
| Non mineral area/ Avenue Plantation/ Village Road | | 23.602 ha. with 60105 nos. plantation done (within & outside lease area) | 1.267 ha sapling 3170 nos. | -- | | | | | | | | | | | | | | | | | | |
| Total | | 24.5 ha (62350 nos) | 2.907 ha (7275 nos) | | | | | | | | | | | | | | | | | | | |
| 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 adequate budgetary provision shall be made for protection and care of trees. | There is no proposal of backfilling. | | | | | | | | | | | | | | | | | | | | |
| 3 | The project proponent shall make necessary alternative arrangements for livestock feed be developing grazing land with a view to compensate those | Complying With. | | | | | | | | | | | | | | | | | | | | |

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| | <p>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> | <p>The mining lease was originally granted on 25/07/1984 & executed on 13/12/1984, which is prior to the court order.</p> <p>Permission for working in grazing land has been granted by District Authority vide letter no. Rajasva/Khanan/NOC/12-12(66)07/199 on 2nd Jan 2012, Rajasva/Khanan/NOC/12-12(66)07/228 on 6th Feb 2012 and Prakaran no. 5/96 on 27th March 1996.</p> |
| 4 | <p>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 Wildlife Warden of the State Govt.</p> | <p>Complying with.</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>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>). Wildlife 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. Copy of letter is enclosed as Annexure-1.</p> |
| 5 | <p>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.</p> | <p>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.</p> |
| IX | <p>Public hearing and human health issues</p> | |
| 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</p> | <p>Complying with.</p> <p>Periodical medical examination of workmen is being carried out.</p> |

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| | 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. | |
| 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 neighborhood 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.</p> <p>The company has Zero Harm Goal policy and we are periodically identified the hazards & preventive action are being taken.</p> <p>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 be kept for 30 years,</p> | <p>Complying with.</p> <p>Pre-employment medical check-up are being carried out considering the parameter as per DGMS.</p> |

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| | <p>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.</p> <p>Record 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</p> | <p>Complying with.</p> <p>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> |

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| | adequate training and information on safety and health aspects. | |
| 6 | 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 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. | <p>Complied with.</p> <p>All employees are residing in colony situated at Nimbahera Cement Plant, where all basic facilities are available.</p> <p>There is no temporary structure /hutment has been constructed.</p> |
| 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. | <p>Complying with.</p> <p>Kindly refer above point no. 10</p> |
| 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. | <p>Complying with.</p> |

| 2 | <p>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.</p> | <p>Complying with.</p> <p>For environment protection measures expenditure made during FY 2021-22 was Rs. 2.49 lacs as provided below:</p> <table border="1" data-bbox="778 324 1497 611"> <thead> <tr> <th>SN</th><th>Activity</th><th>Recurring Cost per Annum (Rs. In lacs)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Pollution control expenses (Others)</td><td>0.942</td></tr> <tr> <td>2.</td><td>Pollution control expenses (Statutory)</td><td>1.3349</td></tr> <tr> <td>3.</td><td>Gardening Expenses</td><td>0.2217</td></tr> <tr> <td colspan="2">Total (Rs.)</td><td>2.49</td></tr> </tbody> </table> <p>The unit has been carried out combined CSR activities for cement plant & its associated mines, on the focus area of infrastructure, health, sanitation & water, women-empowerment, sports, education etc. The Expenditure occurred in the FY-2020-2021 are given as below.</p> <table border="1" data-bbox="762 840 1426 1234"> <thead> <tr> <th>SN.</th><th>Focus Area</th><th>Amount Expenditure (Rs.)</th></tr> </thead> <tbody> <tr><td>1</td><td>Art & Culture</td><td>323256</td></tr> <tr><td>2</td><td>Community Welfare</td><td>3544168</td></tr> <tr><td>3</td><td>Disaster Relief</td><td>3062490</td></tr> <tr><td>4</td><td>Drinking Water Arrangement</td><td>1418976</td></tr> <tr><td>5</td><td>Educational Charity</td><td>3712947</td></tr> <tr><td>6</td><td>Environment</td><td>171630</td></tr> <tr><td>7</td><td>Health</td><td>4569947</td></tr> <tr><td>8</td><td>Livelihood Promotion</td><td>2370383</td></tr> <tr><td>9</td><td>National Functions</td><td>502759</td></tr> <tr><td>10</td><td>Rural Development</td><td>21391406</td></tr> <tr><td>11</td><td>Sports Promotion</td><td>27220</td></tr> <tr><td colspan="2">Total Expenditure (Rs.)</td><td>41095182</td></tr> </tbody> </table> | SN | Activity | Recurring Cost per Annum (Rs. In lacs) | 1. | Pollution control expenses (Others) | 0.942 | 2. | Pollution control expenses (Statutory) | 1.3349 | 3. | Gardening Expenses | 0.2217 | Total (Rs.) | | 2.49 | SN. | Focus Area | Amount Expenditure (Rs.) | 1 | Art & Culture | 323256 | 2 | Community Welfare | 3544168 | 3 | Disaster Relief | 3062490 | 4 | Drinking Water Arrangement | 1418976 | 5 | Educational Charity | 3712947 | 6 | Environment | 171630 | 7 | Health | 4569947 | 8 | Livelihood Promotion | 2370383 | 9 | National Functions | 502759 | 10 | Rural Development | 21391406 | 11 | Sports Promotion | 27220 | Total Expenditure (Rs.) | | 41095182 |
|-------------------------|--|---|----|----------|--|----|-------------------------------------|-------|----|--|--------|----|--------------------|--------|-------------|--|------|-----|------------|--------------------------|---|---------------|--------|---|-------------------|---------|---|-----------------|---------|---|----------------------------|---------|---|---------------------|---------|---|-------------|--------|---|--------|---------|---|----------------------|---------|---|--------------------|--------|----|-------------------|----------|----|------------------|-------|-------------------------|--|----------|
| SN | Activity | Recurring Cost per Annum (Rs. In lacs) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Pollution control expenses (Others) | 0.942 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Pollution control expenses (Statutory) | 1.3349 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Gardening Expenses | 0.2217 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total (Rs.) | | 2.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SN. | Focus Area | Amount Expenditure (Rs.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Art & Culture | 323256 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Community Welfare | 3544168 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Disaster Relief | 3062490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Drinking Water Arrangement | 1418976 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Educational Charity | 3712947 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Environment | 171630 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Health | 4569947 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Livelihood Promotion | 2370383 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | National Functions | 502759 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Rural Development | 21391406 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Sports Promotion | 27220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Expenditure (Rs.) | | 41095182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | <p>Complying with.</p> <p>Digital processing report of the entire lease area has been submitted on 02.03.2020 vide letter no. NBH/PC-14/C12/5905.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | <p>Agreed.</p> <p>The project cost after expansion is 49.29 cr.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | <p>Complying with.</p> <p>Six monthly report is being submitted to all concern offices as given in clearance letter. Latest Six Monthly Monitoring report sent to RO& HO, MoEF&CC Lucknow, CPCB/ RPCB on NBH/PC-14/C12/ dated 28.05.2021</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | Office, Central Pollution Control Board and State Pollution Control Board. | |
| 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. | Noted & agreed. |
| 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 clearance and attracts action under the provisions of Environment (Protection) Act, 1986. | Noted & agreed. |
| 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. | Noted & agreed. |
| 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 | Noted & agreed. |

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| | Section 16 of the National Green Tribunal Act, 2010. | |
| 28 | This issues with the approval of competent Authority. | Noted |

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। |



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| 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। |
|---|---|--|

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: Duly 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

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

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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1-07-2021
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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-Tilakhara 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

J.K. 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. सीमेन्ट वर्क्स के निम्नांकित खनन पट्टा एवं सीमेन्ट 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. सीमेन्ट 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-Karunda/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 Karunda 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 Karunda Limestone mine (ML No 03/2003, Area 240.86 Ha) from 2.0 Million TPA to 3.8 Million TPA vide letter No. F. NO. J-11015/36/2019-IA. II (M) dated 19.08.2021. In Page no 15, 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.

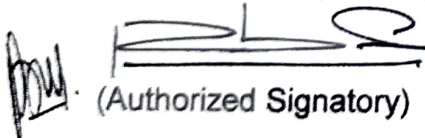
We are enclosing production data of our Karunda Limestone Mine from 1984-85 to 2020-21 for your kind information, reference and record. Sir, please let us know that pursuant to the Common Cause judgment penalty, if any, is applicable on us.

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 Karunda Mines
- Year wise Limestone production of Karunda Mines.

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

27/10/21
28-10-21

राष्ट्रीय निदेशिका
निदेशिकाएं एवं सूचिकाएं
राजस्थान, उदयपुर



Head Office (Mines)

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



Registered

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3482-3486

Order No 2021-2022/Mines/10323

Date: 26/10/2021

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 Establish 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-**Karunda**, Tehsil-**Nimbahera**, District- **Chittorgarh (M.L.No-3/03)**.

Ref: (i) Your applications dated 31/08/2021
(ii) Received on 31/08/2021

Sir,

In view of the details submitted vide your above referred applications/ documents, the **Consent to Establish** 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.- 3/03 in an area measuring 240.8600 Hectares** at/near Village-**Karunda** ,Tehsil-**Nimbahera**,District-**Chittorgarh**.
- 2 That this consent is valid for a period from **31/08/2021** to **31/07/2026**, or **commencement of production whichever is earlier**.
- 3 That this consent is valid for following mining activities :-

| Mineral | Permitted Mining Capacity |
|---|----------------------------|
| 1 LIME STONE PRODUCTION CAPACITY EXPANSION FROM 2.0 Million TPA to 3.8 Million TPA | 1800000.0000 TON PER ANNUM |

Signature Not
Verified
Digitally signed by
KHEM CHAND
Date: 2021.10.26
15:54:17 +05:30

- 4 That the project proponent will comply with the Standard as prescribed by 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.



Head Office (Mines)

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

Registered

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3482-3486

Order No 2021-2022/Mines/10323

Date: 26/10/2021

Unit Id : 190

- 5 That the occupier/operator of mine shall ensure that all the conditions imposed in the Environmental Clearance granted by the , vide letter No J-11015-36-2019-IA II-M dated 19/08/2021 shall be strictly complied with.
- 6 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 seprate 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.
- 7 That you shall not operate the mine without obtaining **Consent to Operate** from the Board.
- 8 That this **Consent to Establish** is for mining / processing / beneficiation of product as mentioned above in **M.L.No.-3/03** and a separate **Consent to Establish** 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.
- 9 That the occupier/operator of mine shall ensure that all the conditions imposed in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change, New Delhi vide letter No. J-11015/428/2008-IA.II(M) dated 06.08.2010 and amended vide letter dated 19.08.2021 are strictly complied with.
- 10 That this consent is valid for expansion of production of Lime stone from 2.0 Million TPA to 3.8 Million TPA (Limestone production @ 1.8 Million TPA). For any change in product and/or increase in capacity/lease area, the mine has to seek fresh Environmental Clearance, consent to establish & consent to operate.
- 11 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.
- 12 That ground water shall not be abstracted without prior permission of the Central Ground Water Authority (CGWA).
- 13 That adequate measure shall be taken for control of fugitive emissions from the areas prone to air pollution.
- 14 That haul roads should be regularly graded and compacted. Regular water sprinkling should be carried out on haul roads to minimize dust generations.



Head Office (Mines)

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

Registered

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3482-3486

Order No 2021-2022/Mines/10323

Date: 26/10/2021

Unit Id : 190

- 15 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.
- 16 That this consent to establish 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.
- 17 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.
- 18 That the mine shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the lease area.
- 19 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.
- 20 That the mine shall not allow unauthorized disposal of any solid waste on land inside or outside the premises.
- 21 That this consent to establish shall be subject to compliance of direction/order passed by Courts of Law in the matter, if any.
- 22 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.
- 23 That the lease shall not intersect the ground water table without permission of Central Ground Water Authority (CGWA).
- 24 This consent to establish shall be subject to validity of mining lease.
- 25 That all other general conditions enclosed as **Annexure** shall be strictly complied with.
- 26 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.
- 27 That the grant of this **Consent to Establish** 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 time-being in force, rests with the industry/ unit/ project proponent.



Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
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File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3482-3486

Order No 2021-2022/Mines/10323

Date: 26/10/2021

Unit Id : 190

- 28 That the grant of this **Consent to Establish** 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.
- 29 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 .

(B):

- 1 The Additional PCCF (WL) and Chief Wild Life Warden, Aranya Bhawan, Jhalana Institutional Area, Jaipur / DCF(WL), 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

Group Incharge-Mines

Signature Not
Verified
Digitally signed by
KHEM CHAND
GUPTA
Date: 2021.10.26
15:54:17 +05:30



Head Office (Mines)

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



Registered

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3891-3895

Order No 2021-2022/Mines/10332

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-KARUNDA, Tehsil-Nimbahera, District- Chittorgarh (M.L.No-3/03).

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.- 3/03 in an area measuring 240.8600 Hectares** at/near Village-KARUNDA ,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 | 3800000.0000 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 13:24:00 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

Registered

File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3891-3895

Order No 2021-2022/Mines/10332

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.-3/03** 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 and Climate Change, New Delhi vide letter No. J-11015/428/2008-IA.II(M) dated 06.08.2010 and 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. 2141-2145 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 adequate measure shall be taken for control of fugitive emissions from the areas prone to air pollution.
- 12 That haul roads should be regularly graded and compacted. Regular water sprinkling should be carried out on haul roads to minimize dust generations.
- 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 13:24:00 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

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File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3891-3895

Order No 2021-2022/Mines/10332

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- 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 all other general conditions enclosed as Annexure shall be strictly complied with.
- 24 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.
- 25 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.
- 26 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 13:24:00 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

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File No F(Mines)/Chittorgarh(Nimbahera)/1869(1)/2017-2018/3891-3895

Order No 2021-2022/Mines/10332

Date: 12/11/2021

Unit Id : 190

27 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 .

(B):

- 1 The Additional PCCF (WL) and Chief Wild Life Warden, Aranya Bhawan, Jhalana Institutional Area, Jaipur /DCF(WL), 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.

Group Incharge-Mines

Signature Not Verified

Digitally signed by Khem Chand
Gupta
Date: 2021.11.12 13:24:00 IST
Reason: SelfAttested
Location:





(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 | | | | | |
| | | | | | | 2 | | 0 | | 1 | | 1 | | | |
| **DWLR - Digital Water Level Recorder | | | | | | | | | | | | | | | |

(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.)

JK Cement Works, Nimbahera

A unit of JK Cement Ltd.

CIN: L17229UP1994PLC017199

Kailash Nagar - 312617, Nimbahera Distt., Chittorgarh (Raj.) INDIA

+91-1477-220098, 220087 jkc.nbh@jkcement.com

www.jkcement.com

NBH/PC/C/EC-M/KRD/13/ 2134

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 Karunda Limestone Mine (ML no. 03/2003, ML area 240.86 ha., expansion of production capacity from 2.0 to 3.80 Million TPA) of M/s J. K. Cement Works, Nimbahera (Rajasthan).

Ref: EC no. J - 11015 / 36 / 2019 - IA.II (M) dated 19.08.2021

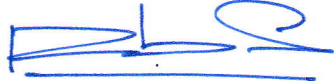
Dear Sir,

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

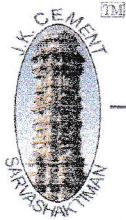
Manufacturing Units at :

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)

Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

**JK CEMENT
WallMaxX**
White Cement Wall Putty

Registered Office : Kamla Tower, Kanpur-208001, U.P., India. +91-512-2371478 to 85 +91-512-2399854 www.jkcement.com



24/8/21
JK Cement LTD.

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

CIN : L17229UP1994PLC017199

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

NBH/PC-A/EC-M/KRD/13

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 Karunda Limestone Mine (ML No. 03/2003, ML area 240.86 ha.) at village Karunda, 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-11015/36/2019-IA.II (M) dated 19.08.2021 for expansion of production capacity from 2.0 Million TPA to 3.8 Million TPA of total excavation along with installation of crusher capacity of 500 TPH with 50 TPH screening clay of Karunda 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, Karunda, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)

Received
24.8.21

24/8/21

Real
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



पत्रिका न्यूज़ नेटवर्क

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

लोकन एचयूआईडी के प्रावधानों को हटाने की बात कही। बीआईएस एचयूआईडी के माध्यम से क्वालिटी कंट्रोल करके व्यापार कंट्रोल करने की कोशिश की जा रही है। सराफा

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

भाजपा के विचार और व्यवहार में एकरूपता



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रिपोर्ट

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चंद्रशेखर अल्प प्रवास
पर आए चित्तौड़गढ़

पत्रिका 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 निर्माणधीन भाजपा जिला कार्यालय का अवलोकन किया। यहां पर संभाग संगठन प्रभारी व प्रदेश उपाध्यक्ष हेमराज मीणा, पूर्व केबिनेट मंत्री श्रीचंद कृपालोनी, भाजपा जिलाध्यक्ष गौतम दत्त, जिला प्रमुख सुरेश धाकड़, उपजिला प्रमुख भूपेंद्रसिंह बड़ोली, जिला महामंत्री तेजपाल रेगर, सोहनलाल आंजना, आईएम सेडिया, जिला

उपाध्यक्ष रघु शर्मा, पूर्व यूआईटी चेयरमैन सुरेश झंवर, जिला मीडिया प्रभारी सुधीर जैन, एससी मोर्चा जिलाध्यक्ष कमलेश ओमेरिया 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 कार्यकर्ताओं की पार्टी है। प्रदेश महामंत्री चंद्रशेखर विधायक

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

जहां पर उन्होंने गत दिनों उनकी दादी के स्वर्गवास होने पर शोक व्यक्त किया। इसके बाद चंद्रशेखर नई दिल्ली के लिए रवाना हो गए। इससे पूर्व उत्तरप्रदेश के 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।

खबरों में लगे इन आईकन्स से जुड़िए
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राजस्थान पत्रिका

कोषाध्यक्ष घनश्याम खनारिया, ऑफिशियल कित वितरण किए। किशन लाल धनौरिया, भंवर लाल कडवाल, भंवर लाल सुरलिया, उमा शंकर दौराया, मनोहर लाडना भीमराज जयसवाल, प्रिंसिपल विनोद पालडिया आदि उपस्थित थे। सावित्री गुप्ता, आदि मौजूद थे।

जो. के. सीमेंट वर्क्स, निम्बाहेड़ा (राज.)

सर्व सम्बन्धित को सूचित किया जाता है कि जो. के. सीमेंट 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 प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट www.parivesh.nic.in पर एवं जो. के. सीमेंट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष-ऑपरेशन्स जो. के. सीमेंट वर्क्स, निम्बाहेड़ा

जो. के. सीमेंट वर्क्स, निम्बाहेड़ा (राज.)

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अध्यक्ष-ऑपरेशन्स जो. के. सीमेंट वर्क्स, निम्बाहेड़ा

चिन्ताईगाढ़

कपासन | खेत पर रखवाली करने गये युवक की संपर्क से मौत हो गई। पुलिस के अनुसार गांव ताराखेड़ी निवासी भागवती 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 परीक्षणों के सुपुर्द किया।

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

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

कैसे खेलें- वर्ग को 1 से 9 तक अंकों से ऐसे-भरे कि आड़ी व खड़ी पंक्ति के साथ ही 3 गुणा 3 के बॉक्स में 1 से 9 तक अंक आए। कोई अंक रीपीट न हो।

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

मुख्य संरक्षक, पूर्व डीएसपी एवं समाजसेवी ओमप्रकाश उपाध्याय, जैन समाज अध्यक्ष व समाजसेवी कामलसिंह मोदी, महासभा के राष्ट्रीय शिक्षा मंत्री अरविंद व्यास, राष्ट्रीय प्रवक्ता मधुसूदन शर्मा, चंद्रप्रकाश चतुर्बेदी, सुरेशचंद्र शर्मा, अनिल व्यास, सुनील व्यास आदि उपस्थित थे।

केएस राणा ने मेवाड़ विवि के कुलपति का पदभार संभाला



उत्तराखण्ड तथा पर्यावरण मंत्रालय, भारत सरकार के ओजल 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।

भीलवाड़ा, मंगलवार 24 अगस्त, 2021 | 13

संस्थान संचालित संस्कार केंद्र में नामांकन व सरकारी योजनाओं पर रक्षाबंधन पर्व मनाया। केंद्र प्रमुख कन्हैयालाल ने बताया कि शुभारंभ शिक्षाविद योगेंद्र ज्ञानी तथा हीरालाल मेनारिया ने दीप प्रज्ज्वलित कर की। बस्ती के मांगीलाल तथा भोपा डालचंद ने उपरना ओढ़कर अतिथियों का स्वागत किया। ऋषी

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

एन्यूचराना दिनांक 23 अगस्त 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की कारखाना लार्डमस्टोन माईन्स (ML 03/2003, Lease Area 240.86 Ha.), तड़ोली-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।

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अध्यक्ष-ऑपरेशन्स जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा

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

एन्यूचराना दिनांक 23 अगस्त 2021

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अध्यक्ष-ऑपरेशन्स जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा

J.K. Cement WORKS, NIMBAHERA (RAJ)

KARUNDA LIMESTONE MINE
SIX MONTHLY AMBIENT AIR QUALITY & NOISE MONITORING REPORT
April'2021 to September'2021

1) AMBIENT AIR QUALITY RESULTS : (ALL VALUES IN $\mu\text{g}/\text{M}^3$)

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 | NO _x | CO | PM10 | PM2.5 | SO ₂ | NO _x | CO | SPM | SO ₂ | NO _x | CO | SPM | SO ₂ | NO _x | CO |
| Apr-21 | 52.8 | 37.2 | 13.0 | 23.4 | 750 | 50.2 | 41.9 | 14.1 | 25.0 | 813 | 372 | 20.8 | 25.3 | 807 | 424 | 20.1 | 24.1 | 784 |
| May-21 | 50.5 | 34.2 | 10.6 | 22.2 | 716 | 62.0 | 31.7 | 11.3 | 24.4 | 779 | 427 | 18.1 | 21.2 | 864 | 421 | 18.9 | 21.2 | 864 |
| Jun-21 | 53.4 | 36.1 | 11.6 | 20.5 | 693 | 56.5 | 38.6 | 13.0 | 21.2 | 733 | 358 | 15.1 | 23.2 | 716 | 409 | 17.2 | 28.1 | 756 |
| Jul-21 | 40.9 | 26.5 | 7.3 | 13.9 | 601 | 44.4 | 29.4 | 8.3 | 14.5 | 635 | 305 | 11.9 | 20.1 | 676 | 362 | 15.9 | 24.5 | 704 |
| Aug-21 | 39.4 | 21.5 | 12.5 | 12.9 | 641 | 49.0 | 22.9 | 11.6 | 18.4 | 676 | 292 | 15.1 | 14.5 | 670 | 295 | 16.5 | 25.3 | 624 |
| Sep-21 | 36.3 | 19.5 | 14.1 | 10.8 | 687 | 42.0 | 23.3 | 17.1 | 21.2 | 727 | 326 | 15.8 | 18.3 | 750 | 291 | 15.7 | 23.8 | 618 |
| AVERAGE | 45.6 | 29.2 | 11.5 | 17.3 | 681 | 50.7 | 31.3 | 12.6 | 20.8 | 727.1 | 347 | 16.1 | 20.4 | 747.1 | 367 | 17.4 | 24.5 | 725.1 |

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

| Month | Near Mines Gate | | Near Ravana Office | |
|--------|-----------------|-------|--------------------|-------|
| | DAY | NIGHT | DAY | NIGHT |
| Apr-21 | 62.6 | 57.1 | 60.62 | 53.35 |
| May-21 | 64.2 | 59.0 | 62.9 | 55.1 |
| Jun-21 | 63.9 | 58.6 | 66.8 | 59.3 |
| Jul-21 | 61.6 | 56.3 | 65.2 | 57.7 |
| Aug-21 | 58.6 | 52.3 | 63.8 | 54.6 |
| Sep-21 | 59.7 | 51.4 | 61.9 | 51.7 |



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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|-----------------|
| Report No./ULR No. : | TC502521600001184 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Noise Level Monitoring | Date of Sample Collection/Monitoring : | 14-06-2021 |
| Point of Collection : | Near Mine office, Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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)] | 67.3 | IS 9989 | 75 |
| 2 | Noise Level (Night Time) : Leq [dB(A)] | 50.9 | IS 9989 | 65 |

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
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwan
Authorized Signatory
(Report No: TC502521600001184)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|-----------------|
| Report No./ULR No. : | TC502521600001185 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Noise Level Monitoring | Date of Sample Collection/Monitoring : | 14-06-2021 |
| Point of Collection : | Near Ravana Office ,Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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)] | 66.5 | IS 9989 | 75 |
| 2 | Noise Level (Night Time) : Leq [dB(A)] | 52.1 | IS 9989 | 65 |

Notes :-

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Puran
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Rajesh
Rajesh Maheshwan
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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400001665 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 14-06-2021 |
| Point of Collection : | Near Mine office, Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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 NO2 [microgram/m3] | 17.61 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 4 | Particulate Matter (PM2.5) [microgram/m3] | 37.5 | CPCB Guidelines | 60.00 |
| 5 | Sulphur Dioxide [microgram/m3] | 3.26 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 6 | Particulate Matter (PM 10) [microgram/m3] | 75.09 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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Rajesh

Senior Analyst Yogi

Rajesh Maheshwari

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(Report No: TC502521400001665)



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

TEST REPORT

| | | | |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. : | TC502521400001666 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works, Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 14-06-2021 |
| Point of Collection : | Near Ravana Office, Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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] | 330 | IS 5182 (Part 10) : 1999 RA 2019 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 15.68 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 41.25 | CPCB Guidelines | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 2.29 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 78.06 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. : | TC502521400001667 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works, Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 14-06-2021 |
| Point of Collection : | 3-10 Meter Distance Form Drilling Point of Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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] | 310 | IS 5182 (Part 10) : 1999 RA 2019 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 13.31 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Suspended Particulate Matter (SPM) [microgram/m3] | 428.87 | IS 5182 (Part 4) : 1999 RA 2019 | - |
| 4 | Sulphur Dioxide [microgram/m3] | 2.5 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |

Notes :-

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TEST REPORT

| | | | |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. : | TC502521400001668 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works, Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 15-06-2021 |
| Point of Collection : | Near Loading point of Karunda Mine | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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/m ³] | 340 | IS 5182 (Part 10) : 1999 RA 2019 | 4000 |
| 2 | Nitrogen Dioxide as NO ₂ [microgram/m ³] | 19 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Suspended Particulate Matter (SPM) [microgram/m ³] | 427.12 | IS 5182 (Part 4) : 1999 RA 2019 | - |
| 4 | Sulphur Dioxide [microgram/m ³] | 3.08 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |

Notes :-

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TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400001669 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 15-06-2021 |
| Point of Collection : | Charlia Gadia Village Karunda | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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] | 270 | IS 5182 (Part 10) : 1999 RA 2019 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 12.7 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 30 | CPCB Guidelines | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 3.22 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 70.92 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400001670 | Date : | 05.07.2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Mines |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 15-06-2021 |
| Point of Collection : | Karunda Village | Date of Receipt : | 23-06-2021 |
| Date of Test/Analysis : | 23-06-2021 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] | 14.52 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 35.42 | CPCB Guidelines | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 2.88 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 74.68 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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(Report No: TC502521400001670)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400002804 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 20-09-2021 |
| Point of Collection : | Near Mine office, Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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] | 280 | TTH/AAQM/08 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 11.62 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 33.45 | IS 5182 (Part 24) : 2019 | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 4.06 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 64.32 | 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.

Purni Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400002804)



TEAM TEST HOUSE

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



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

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Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400002805 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 20-09-2021 |
| Point of Collection : | Near Ravana Office ,Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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] | 280 | TTH/AAQM/08 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 12.18 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 23.95 | IS 5182 (Part 24) : 2019 | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 4.73 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 77.38 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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Purani Yogi

Senior Analyst

Rajesh Maheshwar
Authorized Signatory

(Report No: TC502521400002805)



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Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|---------------------------------|
| Report No./ULR No. : | TC502521400002806 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| 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 Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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] | 14.3 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Suspended Particulate Matter (SPM) [microgram/m3] | 460.27 | IS 5182 (Part 4) : 1999 RA 2019 | - |
| 4 | Sulphur Dioxide [microgram/m3] | 2.24 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |

Notes :-

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

Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502521400002806)



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

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400002807 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbaheera, Tehsil- Nimbaheera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| Type of Sample : | Ambient Air Quality Monitoring | Date of Sample Collection/Monitoring : | 21-09-2021 |
| Point of Collection : | Near Loading point of Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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] | 14.68 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Suspended Particulate Matter (SPM) [microgram/m3] | 401.61 | IS 5182 (Part 4) : 1999 RA 2019 | - |
| 4 | Sulphur Dioxide [microgram/m3] | 2.43 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400002807)



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Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|-----------------|
| Report No./ULR No. : | TC502521600002020 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| Type of Sample : | Ambient Noise Level Monitoring | Date of Sample Collection/Monitoring : | 21-09-2021 |
| Point of Collection : | Near Mine office, Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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)] | 56.6 | IS 9989 | 75 |
| 2 | Noise Level (Night Time) : Leq [dB(A)] | 48.5 | IS 9989 | 65 |

Notes :-

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Puran Mal Yogi
Senior Analyst

Rakesh Maheshwari
Authorized Signatory
(Report No: TC502521600002020)



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

TEST REPORT

| | | | |
|-------------------------|--|--|-----------------|
| Report No./ULR No. : | TC502521600002021 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| Type of Sample : | Ambient Noise Level Monitoring | Date of Sample Collection/Monitoring : | 21-09-2021 |
| Point of Collection : | Near Ravana Office ,Karunda Mine | Date of Receipt : | 04-10-2021 |
| Date of Test/Analysis : | 04-10-2021 to 22-10-2021 | 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)] | 57.8 | IS 9989 | 75 |
| 2 | Noise Level (Night Time) : Leq [dB(A)] | 49.7 | IS 9989 | 65 |

Notes :-

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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwar
Authorized Signatory
(Report No: TC502521600002021)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400002808 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| 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 22-10-2021 | 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] | 210 | TTH/AAQM/08 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 14.75 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 25.84 | IS 5182 (Part 24) : 2019 | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 2.64 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 66.88 | 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.

Purnima Yogi
Senior Analyst

Rajesh Mohashwan
Authorized Signatory
(Report No: TC502521400002808)



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

TEST REPORT

| | | | |
|-------------------------|--|--|------------------------------|
| Report No./ULR No. : | TC502521400002809 | Date : | 22-10-2021 |
| Issued To : | M/S Karunda Limestone Mine (ML No.-3/03) C/o J.K. Cement Works , Nimbahera, Tehsil- Nimbahera,, District- Chittorgarh 312617 (Rajasthan), | Type of Unit : | Cement Plant |
| 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 22-10-2021 | 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] | 280 | TTH/AAQM/08 | 4000 |
| 2 | Nitrogen Dioxide as NO2 [microgram/m3] | 11.76 | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00 |
| 3 | Particulate Matter (PM2.5) [microgram/m3] | 25.45 | IS 5182 (Part 24) : 2019 | 60.00 |
| 4 | Sulphur Dioxide [microgram/m3] | 2.39 | IS 5182 (Part 2) : 2001 RA 2017 | 80.00 |
| 5 | Particulate Matter (PM 10) [microgram/m3] | 58.73 | IS 5182 (Part 23)-2006 RA 2017 | 100.00 |

Notes :-

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Purni Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502521400002809)

ANNEXURE-8

| M/s J.K.CEMENT WORKS,NIMBAHERA | | |
|---|------------------------------------|----------------|
| Digital Water Level Recorder Report (Ground water Level) of Karunda Limestone Mine. (ML No. 03/2003) | | |
| Month | Telemetry BW_8 (in m)(avg.) | Remarks |
| Apr-21 | 39.9 | |
| May-21 | 40.22 | |
| Jun-21 | 40.09 | |
| Jul-21 | 39.55 | |
| Aug-21 | 30.4 | |
| Sep-21 | 14.23 | |

NBH/PC/14/C13/ 2242 Regd.AD.

Date: 14.09.2021.

To,

The Deputy Director (S)Environment Division,
Integrated Regional Office, Jaipur
MoEF &CC, GoI
A-218, Aranya Bhawan, Jhalana
Institutional Area, Jaipur-304002**Subject: Compliance to Standard Conditions No. (B). I. Statutory compliance (III). (4) of Environmental Clearance.**

Dear Sir,

Kindly refer Environmental Clearance letter no. J-11015/36/2019-IA.II(M) dated. 19th August 2021 of our **Karunda Limestone Mine**. We are enclosing herewith ground water level & water quality data of **Monsoon season (August' 2021)** with respect to specific Conditions of above referred letter. This is for your reference & record.

Thanking you.

Yours faithfully

For J.K. Cement Works, Nimbahera

R. B. M. Tripathi
President (O) & Unit HeadEnclosed as above:G. Singh
Subd.

Corporate Office

Padam Tower, 19 DDA Community Centre
Okhla, Phase - 1, New Delhi - 110020, India
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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 Maliakhera 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 Maliakhera 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.


KARUNDA LIMESTONE MINES

Blast Vibration Summary List

April-2021 To September-2021

| Sr. No. | Date | Location of Blasting | | Vibration measured from blasting face(Distance in Mtrs.) | No. of Holes | Charge/Delay(Kg.) | p.p.V.(mm/sec.) | Accessories used in blasting |
|---------|------------|----------------------|--------|--|--------------|-------------------|-----------------|------------------------------|
| | | Bench | B.Id. | | | | | |
| 1 | 10.04.2021 | II-W,S-PIT | 10--1 | 300 M BACK SIDE | 24 | 14.7 | 2.127 | DTH & TLD |
| 2 | 29.04.2021 | II-W,S-PIT | 10--6 | 400 M BACK SIDE | 25 | 13.125 | 1.889 | DTH & TLD |
| 3 | 03.05.2021 | II-W,S-PIT | 10--8 | 300 M BACK SIDE | 17 | 23.66 | 1.064 | DTH & TLD |
| 4 | 31.05.2021 | II-W,S-PIT | 11--7 | 300 M BACK SIDE | 24 | 12.625 | 1.572 | DTH & TLD |
| 5 | 19.06.2021 | II-N,N-PIT | 16--5 | 300 M WEST SIDE | 22 | 23.86 | 1.921 | DTH & TLD |
| 6 | 20.06.2021 | II-N,N-PIT | 17--3 | 300 M BACK SIDE | 24 | 29.83 | 1.714 | DTH & TLD |
| 7 | 28.06.2021 | II-W,S-PIT | 8--17 | 456 M BACK SIDE | 13 | 29.69 | 2.127 | DTH & TLD |
| 8 | 10.07.2021 | I-W,N-PIT | 15--18 | 350 M SOUTH SIDE | 18 | 30.8 | 1.953 | DTH & TLD |
| 9 | 24.07.2021 | II-S,N-PIT | 12--6 | 400 M BACK SIDE | 24 | 31.25 | 1.905 | DTH & TLD |
| 10 | 01.08.2021 | III-W,S-PIT | 11--12 | 550 M BACK SIDE | 27 | 36.33 | 0.714 | DTH & TLD |
| 11 | 13.08.2021 | III-W,S-PIT | 12--11 | 500 M EAST SIDE | 13 | 33.53 | 1.064 | DTH & TLD |
| 12 | 29.08.2021 | II-W,S-PIT | 12--16 | 400 M BACK SIDE | 14 | 34.01 | 2.064 | DTH & TLD |
| 13 | 03.09.2021 | II-W,N-PIT | 14--5 | 350 M SOUTH SIDE | 17 | 29.54 | 1.826 | DTH & TLD |
| 14 | 04.09.2021 | II-W,N-PIT | 15--34 | 350 M BACK SIDE | 13 | 26.66 | 1.476 | DTH & TLD |


Rajesh Joshi
Manager (Mines)


P K Ameta
D.G. M. (Mines)

Date/Time Long at 13:32:36 September 4, 2021
Trigger Source Geo: 0.500 mm/s
Range Geo: 31.75 mm/s
Record Time 3.75 sec (Auto=3Sec) at 1024 sps
Job Number: 4

Serial Number BE17659 V 10.72-1.1 Minimate Blaster
Battery Level 6.0 Volts
Unit Calibration February 13, 2021 by UES New Delhi
File Name S659J52L.MC0

Notes

Location: KARUNDA LIME STONE MINES
Client: J K Cement Works Nimbahera
User Name: RAJESH KUMAR JOSHI
General:

Post Event Notes

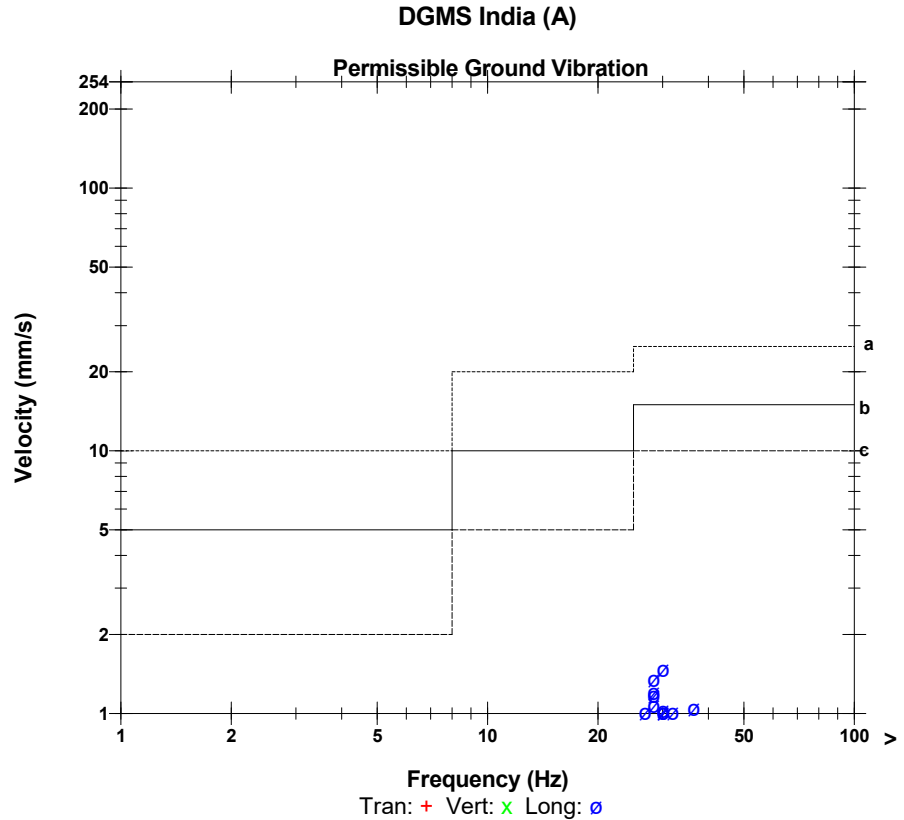
Bench=II-W,Face S-N, N-Pit, B Id.=15--34
 No. of holes=13 ,Ch./delay=26.66 Kg
 Vibration monitor 350 m Back side of blasting face towards Karunda Village.

Extended Notes

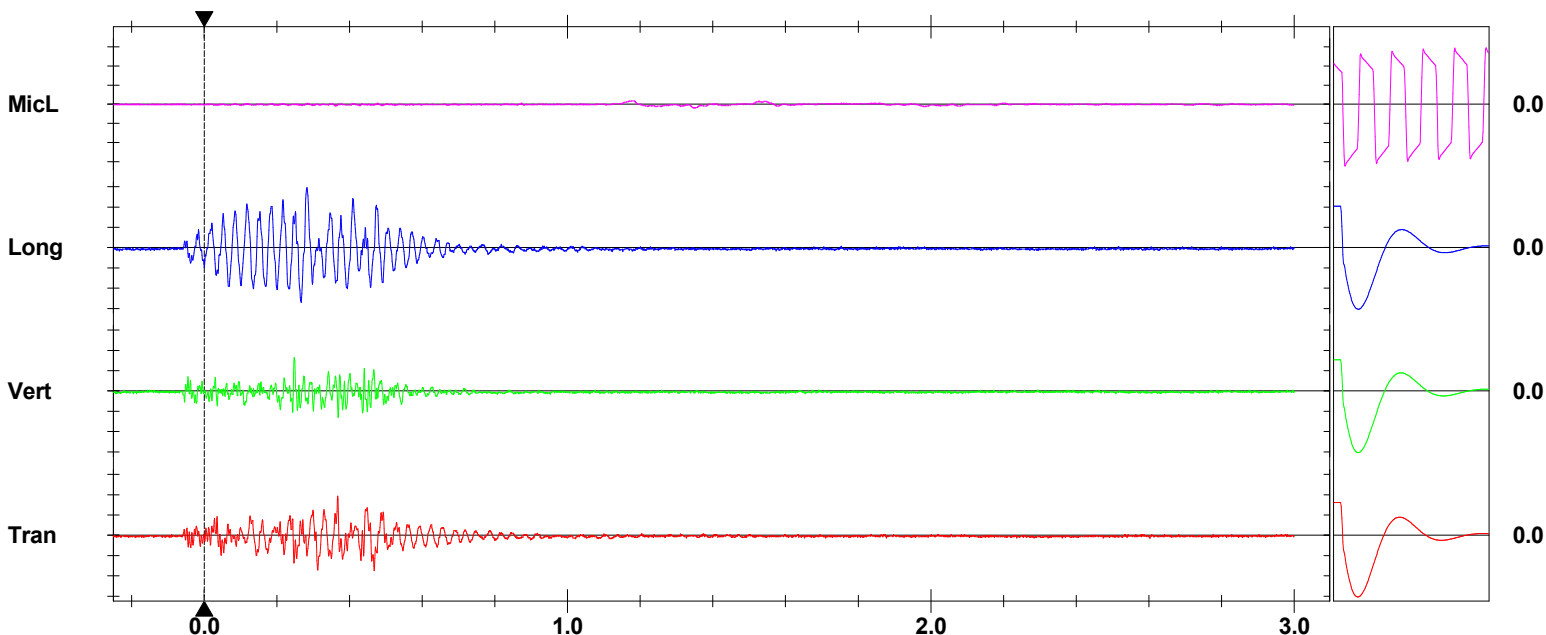
Microphone Linear Weighting
PSPL 100.0 dB(L) at 1.346 sec
ZC Freq 10 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 412 mv)

| | Tran | Vert | Long | |
|---------------------|--------|--------|--------|------|
| PPV | 0.968 | 0.825 | 1.476 | mm/s |
| PPV | 50.72 | 49.33 | 54.38 | dB |
| ZC Freq | 34 | 85 | 30 | Hz |
| Time (Rel. to Trig) | 0.367 | 0.248 | 0.283 | sec |
| Peak Acceleration | 0.040 | 0.051 | 0.043 | g |
| Peak Displacement | 0.005 | 0.002 | 0.007 | mm |
| Sensor Check | Passed | Passed | Passed | |
| Frequency | 7.6 | 7.5 | 7.4 | Hz |
| Overswing Ratio | 3.5 | 3.5 | 3.5 | |

Peak Vector Sum 1.571 mm/s at 0.283 sec



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



Time scale has been modified and may not represent the actual length of the event record

Time Scale: 0.20 sec/div Amplitude Scale: Geo: 0.500 mm/s/div Mic: 10.000 pa.(L)/div

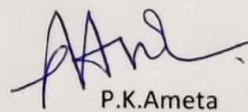
Trigger =

Sensor Check

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

| S.no | Place of Area | Illumination (Lux) | Level | Remark |
|------|------------------------|----------------------|-------|--------|
| 1 | General Working Area | 11 | H | |
| 2 | Haulage Road | 13 | H | |
| 3 | Operator Cabin | | | |
| | Kobelco 4 | 53 | H | |
| | Kobelco 5 | 55 | H | |
| | Dozer | 54 | H | |
| 4 | Drilling | | | |
| | IRB (400) 3 | 24 | H | |
| | | 28 | V | |
| 5 | Dumper CAT-770G | | | |
| | H- 13 | 52 | H | |
| | H- 16 | 54 | H | |
| | H- 17 | 53 | H | |
| | H- 21 | 55 | H | |

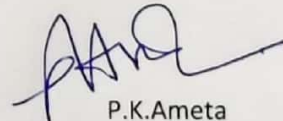
| | |
|-------|-----------|
| Dated | 30-Jun-21 |
|-------|-----------|


 P.K.Ameta
 (Mines Manager)

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

| S.no | Place of Area | Illumination (Lux) | Level | Remark |
|------|------------------------|----------------------|-------|--------|
| 1 | General Working Area | 11 | H | |
| 2 | Haulage Road | 12 | H | |
| 3 | Operator Cabin | | | |
| | Kobelco 4 | 52 | H | |
| | Kobelco 5 | 54 | H | |
| | Dozer | 55 | H | |
| 4 | Drilling | | | |
| | IRB (400) 3 | 25 | H | |
| | | 30 | V | |
| 5 | Dumper CAT-770G | | | |
| | H- 13 | 53 | H | |
| | H- 16 | 55 | H | |
| | H- 17 | 55 | H | |
| | H- 21 | 54 | H | |

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


 P.K.Ameta
 (Mines Manager)