



JK Cement LTD.

CIN : L17229UP1994PLC017199

ISO 9001:2008, ISO 14001:2004 & OHSAS 18001 : 2007 CERTIFIED COMPANY

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

MGR/PC-14/C12/

Regd.AD.

Date: 26.11.2020

To,
The Director,
Indira Paryavaran Bhavan,
JOR Bagh Road,
Near JOR bagh Metro station
New Delhi 110003

Sub: Environmental Clearance Compliance report of Mangrol Limestone Mine.

Ref.: EC letter no. - J-11O15/427/2008-IA.II (M) Dated 06 August 2010

Dear Sir,

Kindly refer to the above subject matter and refer EC letter no., please find attached herewith compliance of EC for the period of **April'2020 to September'2020**.

As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the soft copy of same has been sent through email to roc.z.lko-mef@nic.in, moef@nic.in, m_env@rediffmail.com, ccb.cpcb@nic.in, member-secretary@rpcb.nic.in, cpcb.bhopal@gmail.com monitoring-ec@nic.in.

We hope that the compliance is in order. Thanking you.

Yours Faithfully
For J.K. Cement Works, Mangrol

Anil Kumar Jain
Sr. General Manager- Environment

Enclosed: as above

Copy to:

- 1.The Director,**Ministry of Environment, Forests & Climate Change, Regional office (Central Region), Kendriya Bhawan, 5th Floor, Sector 'H' , Aliganj, lucknow-226020 (U.P.)
- 2.The Chairman,** Central Pollution Control Board ,Parivesh Bhawan, CBD-CUM office complex, East Arjun Nagar, Maharaja Surajmal Marg, Vishwas Nagar Extension, Viswas nagar Shahdara- Behind Karkarduma high court New Delhi-11032
- 3. Member Secretary,** Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur - 302004 (RAJASTHAN)

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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



PROPONENT	J.K. CEMENT WORKS, MANGROL (RAJ.)	Period from April 2020 to September 2020
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol, Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	
Environment Clearance issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010		

S.No	Condition	Status			
	(A) Specific Conditions				
(i)	The project proponent shall obtain Consent to Establish and Consent to Operate from the Rajasthan State Pollution Control Board and effectively implement all the conditions stipulated therein.	Complied with. Consent to establish has been obtained vide letter reference no. F(Mines)/Chittorgarh/(Nimbahera) 966(1) 2011- 12/4718-4722 dated 29.09.2011 & Consent to operate has also been obtained vide letter No. F (Mines)/Chittorgarh (Nimbahera)/1863(1)/2016-2017/7040-7044 dated 25.02.2019 and valid up to 31.01.2024.			
(ii)	Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India in Contempt Petition (C) No.412/2004 in IA No. 833 in Writ Petition (C) No. 202 of 1995, as may be applicable to this project.	Noted.			
(iii)	The environmental clearance is subject to approval of the State Land use Department, Government of Rajasthan for diversion of agricultural land for non-agricultural use.	Complying with. Private agriculture land is used only after diversion for non-agriculture use from state revenue department.			
(iv)	Necessary prior permission from the Competent Authority as may be applicable for use of grazing land for mining purpose shall be obtained.	Complying with. Permission for use of grazing land for mining purpose is obtained from Revenue Department vide letter No. Revenue/2011-12 dated 12.01.2012			
(v)	The project proponent shall develop fodder plots in the non-mineralized area in lieu of use of grazing land.	Complying with. Fodder plots are being developed in our purchased land having non-mineralized zone and are falling in our lease area. The area is being used for grazing cattle's.			
(vi)	The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ministry of Environment and Forests and the Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.	Complying with. The detail of the elevation, ground water table and working level is given below:-			
		S. No.	Particulars	Levels (MSL)	BGL (m)
		1.	Highest Elevation	440	--
		2.	Lowest Elevation	432	--
		3.	General Ground Level	435	--
		4.	Water Table (Pre-Monsoon)	380-385	50-55
		5.	Water Table (Post-Monsoon)	395	40
		6.	Ultimate Pit Limit	395	40
		Source: - As per approved Modified Mining Plan with PMCP dated 03.01.2019.			
		Water table will not intersect during the conceptual phase/ life of mine.			
(vii)	The project proponent shall ensure that no natural watercourse and/or	There are no large channels or other sources of water in the area. The water drains out of the area following the natural slope. No natural			

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	water resources are obstructed due to any mining operations.	water course will be obstructed during Mining operation and this will be strictly followed as mentioned in Approved Mining Plan.
(viii)	The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	Complying with. The top soil generated during the mining operation is being stacked at designated places, levelled and plantation is being carried out as mentioned in approved mining plan.
(ix)	The waste generated during the mining operation shall be stacked at the earmarked site and reclaimed by the plantation. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office, Lucknow on six monthly basis.	There is no generation of waste during the mining operation except top soil which is being stacked at designated places, levelled and being stabilized by carrying out plantation over it. Monitoring of the plantation is being done for better survival. Latest compliance report was submitted to Ministry of Environment and Forests including its Regional Office located at Lucknow and the State Pollution Control Board/Central Pollution Control Board on 30.05.2020
(x)	The void left unfilled in the entire excavated area of 88.55ha shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out all along the excavated area.	Will be complied. The whole excavated area will be properly fenced off from all sides and will be used for collection of harvested rain water. The entire excavated area will be properly fenced along the periphery and plantation will be done.
(xi)	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, temporary soil, mineral dumps and waste dump(s) to arrest flow of silt and sediment directly into the agricultural fields, the Gambhiri dam, the Murlia reservoir, the Gambhiri river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted	Complied with. The catch drain and siltation ponds has been constructed of appropriate size around the mining pit to prevent run off water and flow of sediments going directly into the agriculture fields/outside the mining limit and water bodies. There will be no generation of waste as prescribed in approved mining plan, hence no overburden dump will be formed. Garland drain system of appropriate size, gradient and length has been constructed around the mining pit to prevent runoff water and flow of sediments outside the mining limit. There will be no generation of waste as mentioned in approved mining plan; hence no overburden dump will be formed.

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	<p>particularly after the monsoon and maintained properly.</p> <p>Garland drains, setting tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and waste dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, the Gambhiri dam, the Murlia reservoir, the Gambhiri river and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of slit material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.</p>	
(xii)	Dimension of the retaining wall at the toe of the waste dumps and the waste benches within the mine to check run-off and siltation should be based on the rain fall data.	Since there is no generation of waste, only top black cotton soil is generated which is stacked, levelled at designated places and plantation is done over it. Garland drain and siltation pond has been constructed to check runoff.
(xiii)	Plantation shall be raised in an area of 14ha including a 7.5m wide green belt in the safety zone around the mining lease, reclaimed area, around water body, around waste dumps along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 1000 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	<p>Complying with.</p> <ul style="list-style-type: none"> Plantation in an area of 5.98Ha (4.36Ha. Within lease area and 1.62Ha. outside the lease area) till 30.09.2020 including 0.74 Ha in 7.5 m wide safety zone around the mining lease with 6488 numbers of plantation. Total 7.5 m safety zone area is 2.43 ha, out of which 0.74 ha area has been planted and remaining 1.69 a will be completed by Sept. 2021. There is no reclaimed area and no waste dump within the mining lease suitable for plantation. Plantation density is 1084 numbers/ ha against the condition of 1000 saplings /ha. Photographs are enclosed as Annexures-I.

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(xiv)	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	<p>Complying with.</p> <p>Regular water sprinkling by deploying water sprinkler is done on the haul roads to prevent the dust becoming air borne during transport of vehicles. Wet drilling system is practiced during drilling of holes. Periodical Monitoring in the core zone as well as in the buffer zone is already being done. However ambient air quality and noise monitoring is carried out by M/s Mitra S.K. Pvt. Ltd. which is NABL accredited Laboratory on 11.09.2020. Results are well within prescribed norms. Results are enclosed as Annexure-II.</p>
(xv)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	<p>Complied with.</p> <p>Construction measure to augment ground water resources the area has been implemented in consultation with the Regional Director, Central ground water board.</p>
(xvi)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year – pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office, Lucknow, the Central	<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. We have drilled 4 Nos. of piezometric holes for periodic monitoring which is carried out 4 times in a year for different season in consultation and data thus collected is submitted regularly to the Ministry of Environment and Forests and its Regional Office, Lucknow, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. We have submitted water quality report of Monsoon season (August' 2020) vide letter no. MGR/PC/14/C12/323 on dated 07.10.2020.</p>

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	Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	
(xvii)	Appropriate mitigative measures shall be taken to prevent pollution of the Gambhiri River and Murlia dam in consultation with the State Pollution Control Board.	No working is being and will be carried out in submergence area of the dam and upto 15 mtr. from the boundary of the catchment area of the Gambhiri and Murlia Dam. There will be no disturbance and obstruction due to mining activity.
(xviii)	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of ground water required for the project.	Obtained permission from CGWA vide letter no. 21 – 4 (532)/WR/CGWA/2012 – 994 dated 22.06.2015. Renewal application is already submitted vide letter no. MGR/PC/28/1166 dated 13.06.2017. Renewal of NOC has been applied vide letter no. MGR/PC/28/1166 dated 13.06.2017, which is recommended and forwarded by RD, CGWB, Jaipur to The Member Secretary, CGWA, New Delhi vide letter no. TS/21B (455)/CGWA/WR/2011-6072 dated 18.07.2018.
(xix)	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	Complied with. To augment the water resources, rain water harvesting is done through mine pit water stored in lower most benches and one recharge well is constructed.
(xx)	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Complying with. Tippers engaged in the mine are regularly checked once in six months for vehicle emissions and are kept under permissible limits as per the guidelines issued by the Authorities. The tippers are not being loaded above the rated capacity. Copy of PUC is enclosed as Annexure-(III)
(xxi)	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Complying with. Controlled blasting is being carried out by use of delay detonator, non-electric detonator. Regular monitoring of ground vibration is being practiced. Rock breaker is used to eliminate secondary blasting. Vibration monitoring report is enclosed as Annexure –(IV)

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(xxii)	The project proponent shall take all mitigative measures during the mining operation to ensure that the buildings/structures in the nearby areas shall not be affected due to blasting.	Complying with. No secondary blasting is being done during the mining operation. Oversized boulders are broken by use of Hydraulic Rock breaker.
(xxiii)	Drills shall either be operated with dust extractors or equipped with water injection system.	Complying with. Water injection system on wagon drill is provided to suppress dust at its source of generation and only wet drilling is permitted as committed in Environment management plan of approved mining plan.
(xxiv)	Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	Complied with. Regular water spraying arrangement on haul roads and on blast material before loading is practices to control of fugitive emission
(xxv)	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and waste water generated during the mining operation.	Sewage treatment Plant is already installed in the colony for Nimbahera plant and mines. No industrial waste water is generating during mine operation and workshop waste water collected in pit and use in dust suppression in limestone yard.
(xxvi)	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Complying with. Pre placement Initial medical examination of the workers engaged is carried out during 2020-21 is 1 no. and record is maintained. Schedule of health examination will be drawn in such a manner that every workman will be examined once in five years. Medical examination detail is attached as Annexure-V .
(xxvii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be	No construction labour is being engaged.

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	removed after the completion of the project.	
(xxviii)	The critical parameters such as RSPM (Particulate matter with size less than 10 micron i.e. PM10) and NOx in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on the display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.	<p>Complying with.</p> <p>These critical parameters are being measured periodically during ambient air monitoring. For reports please refer Annexure-(II).</p> <p>No waste water is generating during mining operation.</p> <p>Mines key parameter (monitored data) are being uploaded at company website on every quarter as per said notification, which can be seen at www.jkcement.com/environmental-compliance.</p>
(xxix)	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.	Progressive Mine closure plan is prepared along with approved Mining plan. There is no plan of final Mine closure in First five year of Mining Plan.
(B)GENERAL CONDITIONS		
(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.	<p>Noted.</p> <p>Mining is being done in accordance with Approved Review of Mining Plan.</p>
(ii)	No change in the calendar plan including excavation, quantum of	<p>Noted.</p> <p>Mining is being done in accordance with Approved Review of Mining Plan.</p>

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	mineral limestone and waste should be made.	
(iii)	Conservation measures for protection of flora and fauna in the core and buffer zone should be drawn up in consultation with the local forest and wildlife department and effectively implemented.	<p>Complying with.</p> <p>The Wildlife conservation plan has been prepared for six nos. of the following Schedule-I species found in the buffer area during the survey: -</p> <p>(a.) <i>Pavocristatus</i> (Indian Peafowl), (b.) <i>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) & (f.) <i>Gyps indicus/Gyps bengalensis</i> (Indian Vulture)</p> <p>The DFO, Chittorgarh has approved and forwarded conservation plan to the Chief Conservator of Forest (Wildlife), Udaipur who has further approved and forwarded the same Wildlife Conservation Plan to the Additional Principal Conservator of Forest vide letter no. f 5()forest conservation/ Principal conservator of Forest/ 2020-21/ 5002 dated 24.09.2020 for final approval. Copy is enclosed as Annexure-VI</p>
(iv)	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	<p>Complied with.</p> <p>Ambient Air Quality Monitoring stations has been established in consultation with the State Pollution Control Board vide letter no. MGR/PC/28/1600 on dated 4/10/2013.</p> <p>Periodical Monitoring in the core zone as well as in the buffer zone is already being done. However ambient air quality and noise monitoring is carried out by M/s Mitra S.K. Pvt. Ltd. which is NABL accredited Laboratory on 11.09.2020. For report please refer Annexure-II.</p>
(v)	Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM10) & NOx should be regularly submitted to the Ministry of Environment and Forests including its Regional Office located at Lucknow and the State Pollution Control Board/Central Pollution Control Board once in six months.	<p>Complying with.</p> <p>Monitoring data is regularly submitting to the concerned offices. Latest compliance report was submitted to Ministry of Environment and Forests including its Regional Office located at Lucknow and the State Pollution Control Board/Central Pollution Control Board on 30.05.2020</p>

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(vi)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Complying with. Water spraying arrangement on haul roads, loading and unloading points has been provided to control fugitive dust emission.
(vii)	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	Complying with. Regular maintenance (including cabin) of HEMM being done to keep noise level within the specified limits. Workers engaged in operation of HEMM etc. are provided with ear plugs.
(viii)	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	Complied with. No industrial waste water is generating during mine operation and workshop waste water collected in pit and use in dust suppression. Trapped oil and grease is sold to authorized recycler.
(ix)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Agreed, Protective respiratory devices are provided to every personal working in dusty area. Training and information on safety and health aspects is imparted. Occupational health surveillance program of the workers is being undertaken periodically.
(x)	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Agreed, We have already well equipped Environment Laboratory with suitable qualified personnel.

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(xi)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow.	Complying with. A separate fund is kept for environment protection measures and report is being sent regularly to the concerned authority. Environment budget kept for FY 2020-21 is Rs. 106.124 lacs and expenditure during FY 2019-20 is Rs. 34,65,457/-, detail is enclosed as Annexure – VII.
(xii)	The project authorities should be inform to the Regional Office located at Lucknow regarding data of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Noted
(xiii)	The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted and will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
(xiv)	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office located at Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of the Ministry of Environment and Forests, Lucknow,	Complying with. Six monthly reports is being submitted to all concern offices as given in EC letter. Latest Six Monthly Monitoring report sent to RO& HO, MoEF&CC Lucknow, CPCB/ RPCB on NBH/PC-14/C13/ dated 30.05.2020. The compliance report is uploaded at company website. www.jkcement.com/environmental-compliance .

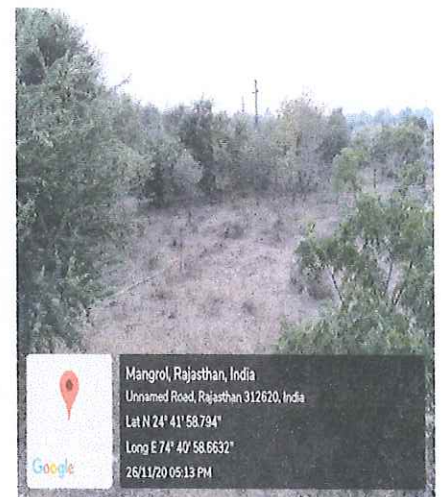
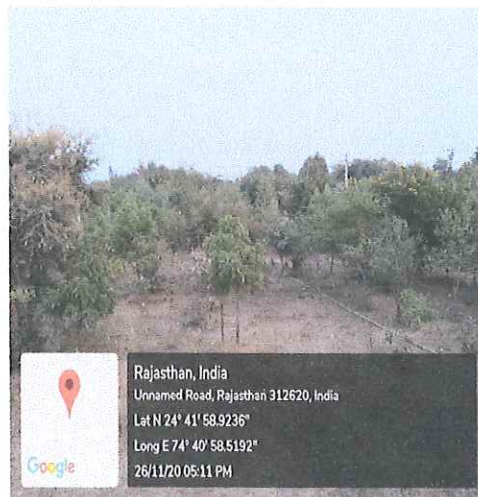
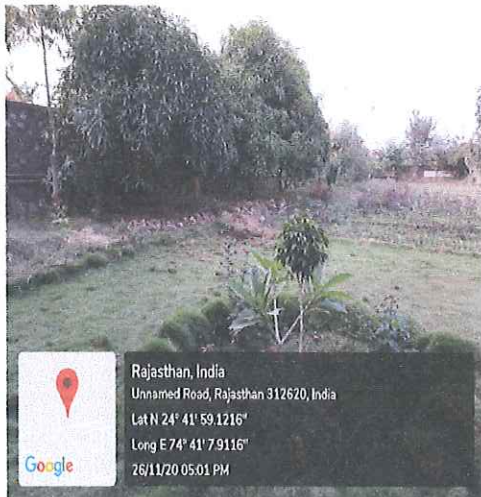
PROPONENT	J.K. CEMENT WORKS, MANGROL (RAJ.)	Period from April 2020 to September 2020
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol, Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	
Environment Clearance issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010		

	the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	
(xv)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasad, Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied.
(xvi)	The State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and the Collector's Office/Tehsildar's Office for 30 days.	Complied.
(xvii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.	Complying with, The Environment statement report of FY 2019-20 has submitted vide letter no. MGR-PC-ESR-21/272, Date: 15.09.2020.
(xviii)	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with	Implemented and the necessary information already sent to the concerned authority.

PROPONENT	J.K. CEMENT WORKS, MANGROL (RAJ.)	Period from April 2020 to September 2020
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol, Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	
Environment Clearance issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010		

	the State Pollution Control Board and also at website of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Lucknow.	
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Mangrol Limestone Mine Plantation Photographs



Mangrol Limestone Mine Plantation Photographs



Mitra S.K. Private Limited

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR 2020-21/840

Date : 14.10.2020

Sample No. : MSKGL/ED/2020-21/10/00556

Sample Description : Ambient Air

Sampling Location : Towards Factory Gate (Mangrol
Limestone Mine)

Date of Sampling : 11.09.2020

Reference No.& Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	100	51	IS: 5182 (Part- 23)-2006
2	Particulate matter(PM _{2.5}) in µg/m ³	60	25	TPM/MSK/ENV (AP) /01-03
3	Sulphur dioxide(SO ₂) in µg/m ³	80	10.7	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in µg/m ³	80	20.8	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m ³	2	0.44	IS 5182 (Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Report Prepared By



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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/841

Date : 14.10.2020

Sample No. : MSKGL/ED/2020-21/10/00557

Sample Description : Ambient Air

Sampling Location : Near Ravana Office (Mangrol
Limestone Mine)

Date of Sampling : 11.09.2020

Reference No.& Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	68	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	42	TPM/MSK/ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	12.8	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	25.6	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.58	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Report Prepared By



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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/868

Date : 15.10.2020

Sample No. : MSKGL/ED/2020-21/10/00589

Sample Description : Fugitive Air

Sampling Location : Near Loading Point (Mangrol
Limestone Mine)

Date of Sampling : 11.09.2020

Reference No.& Date : e-mail dtd: 23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Result	Method of Test Reference
1	Suspended Particulate Matter (SPM) in $\mu\text{g}/\text{m}^3$	32.2	IS 5182 (Part-1) - 1999
2	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	12.5	IS: 5182 (Part-2) 2001
3	Nitrogen dioxide (NO _x) in $\mu\text{g}/\text{m}^3$	30.5	IS: 5182 (Part- 6)-2006
4	Carbon monoxide(CO) in mg/m^3	0.68	IS 5182 : (Part-10) :1999

Report Prepared By

For Mitra S.K. Pvt. Ltd.
Authorized Signatory

Mitra S.K. Private Limited

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/842

Date : 14.10.2020

Sample No. : MSKGL/ED/2020-21/10/00558

Sample Description : Ambient Air

Sampling Location : Tie Village (Mangrol Limestone Mine)

Date of Sampling : 11.09.2020

Reference No.& Date : e-mail did:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	48	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	22	TPM/MSK-ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	9.7	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	23.2	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.35	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Report Prepared By



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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/843

Date : 14.10.2020

Sample No. : MSKGL/ED/2020-21/10:00559

Sample Description : Ambient Air

Sampling Location : Mangrol Village (Mangrol Limestone Mine)

Date of Sampling : 11.09.2020

Reference No. & Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

Sl. No.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	58	IS: 5182:(Part-23)-2006
2	Particulate matter (PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	27	TPM/MSK/FNV (AP) :01:03
3	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	80	8.6	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	28.2	IS: 5182 (Part- 6)-2006
5	Carbon monoxide (CO) in mg/m^3	2	0.56	IS 5182 : (Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chitorgarh (Raj.)

Report No. : MSK/UDR/2020-21/867

Date : 15.10.2020

Sample No. : MSKGL/ED/2020-21/10/00588

Sample Description : Fugitive Air

Sampling Location : 3-10 Meter Distance from Drilling

Operation (Mangrol Limestone Mine)

Date of Sampling : 11.09.2020

Reference No.& Date : e-mail dtd: 23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Result	Method of Test Reference
1	Suspended Particulate Matter (SPM) in $\mu\text{g}/\text{m}^3$	305	IS 5182 (Part-4) - 1999
2	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	7.8	IS: 5182 (Part-2)-2001
3	Nitrogen dioxide (NO _x) in $\mu\text{g}/\text{m}^3$	25.9	IS: 5182 (Part- 6)-2006
4	Carbon monoxide(CO) in mg/m^3	0.62	IS 5182 (Part-10) :1999

Report Prepared By

Authorized Signatory

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/859

Date : 14.10.2020

Sample No. : MSKGL/ED/2020-21/10/00576 & 00577

Sample Description : Noise Monitoring

Reference No.& Date : e-mail dtd: 23.04.2019

ANALYSIS RESULT

Sl. No.	Sampling Date	Sampling Location	Results Leq dB(A)	
			Day Time	Night Time
1.	11.09.2020	Towards Factory gate	55.3	41.8
2.		Near Ravana Office	61.7	46.2
Limit As per CPCB (Environment Protection Rules, 1986)		in Industrial Area Leq dB(A)	75	70

Report Prepared by :

For Mitra S.K. Private Limited

Authorized Signatory

Mitra S.K. Private Limited

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/212

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01137

Sample Description : Ambient Air

Sampling Location : Towards Factory Gate (Mangrol
Limestone Mine)

Date of Sampling : 11/12.06.2020

Reference No. & Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	84	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	46	TPM/MSK/ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	7.2	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	25.4	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.70	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Checked By

For Mitra S.K. Pvt. Ltd.
(Authorized Signatory)

Mitra S.K. Private Limited

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/213

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01138

Sample Description : Ambient Air

Sampling Location : Near Ravana Office (Mangrol
Limestone Mine)

Date of Sampling : 11/12.06.2020

Reference No.& Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	89	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	52	TPM/MSK/ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	7.9	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	30.0	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.66	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Checked By

For Mitra S.K. PVT. Ltd.
(Authorized Signatory)

Mitra S.K. Private Limited

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CIN: U51909WB1956PTC023037



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w: www.mitrask.com

TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/214

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01139

Sample Description : Ambient Air

Sampling Location : Tie Village (Mangrol Limestone Mine)

Date of Sampling : 11/12.06.2020

Reference No.& Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	70	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	41	TPM/MSK/ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	7.4	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	26.2	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.47	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Checked By

For Mitra S. K. Pvt. Ltd.
(Authorized Signatory)

Mitra S.K. Private Limited

Shrachi Center (5th Floor)
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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/215

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01140

Sample Description : Ambient Air

Sampling Location : Mangrol Village (Mangrol Limestone Mine)

Date of Sampling : 11/12.06.2020

Reference No.& Date : e-mail dtd:23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Limit	Result	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	100	77	IS: 5182:(Part-23)-2006
2	Particulate matter(PM _{2.5}) in $\mu\text{g}/\text{m}^3$	60	43	TPM/MSK/ENV (AP) /01/03
3	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	80	8.0	IS: 5182 (Part-2)-2001
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	80	31.2	IS: 5182 (Part- 6)-2006
5	Carbon monoxide(CO) in mg/m^3	2	0.58	IS 5182 :(Part-10) :1999

Note : Limit as per CPCB notification, New Delhi, 18th November 2009, For Ambient air Quality

Checked By

For Mitra S. K. Pvt. Ltd.
(Authorized Signatory)

Mitra S.K. Private Limited

Shrachi Center (5th Floor)
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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/232

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01170

Sample Description : Fugitive Air

Sampling Location : Near Loading Point (Mangrol
Limestone Mine)

Date of Sampling : 11.06.2020

Reference No.& Date : e-mail dtd: 23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Result	Method of Test Reference
1	Suspended Particulate Matter (SPM) in $\mu\text{g}/\text{m}^3$	408	IS 5182 (Part-4) - 1999
2	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	9.8	IS: 5182 (Part-2)-2001
3	Nitrogen dioxide (NO _x) in $\mu\text{g}/\text{m}^3$	32.2	IS: 5182 (Part- 6)-2006
4	Carbon monoxide(CO) in mg/m^3	0.68	IS 5182 : (Part-10) :1999

Checked By

For Mitra S. K. Private Limited
(Authorized Signatory)

Mitra S.K. Private Limited

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TEST REPORT

Name & Address of the Customer :

J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/231

Date : 06.07.2020

Sample No. : MSKGL/ED/2020-21/06/01169

Sample Description : Fugitive Air

Sampling Location : 3-10 Meter Distance from Drilling

Operation (Mangrol Limestone Mine)

Date of Sampling : 11.06.2020

Reference No.& Date : e-mail dtd: 23.04.2019

ANALYSIS RESULT

SL. NO.	Pollutants	Result	Method of Test Reference
1	Suspended Particulate Matter (SPM) in $\mu\text{g}/\text{m}^3$	472	IS 5182 (Part-4) - 1999
2	Sulphur dioxide(SO ₂) in $\mu\text{g}/\text{m}^3$	8.6	IS: 5182 (Part-2)-2001
3	Nitrogen dioxide (NO _x) in $\mu\text{g}/\text{m}^3$	29.4	IS: 5182 (Part- 6)-2006
4	Carbon monoxide(CO) in mg/m^3	0.66	IS 5182 :(Part-10) :1999

Checked By

For Mitra S.K. PVT. LTD.
PAJASTHAN
(Authorized Signatory)

Mitra S.K. Private Limited

Shrachi Center (5th Floor)
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TEST REPORT

Name & Address of the Customer :
J.K. Cement Works, Mangrol
Distt. Chittorgarh (Raj.)

Report No. : MSK/UDR/2020-21/222
Date : 06.07.2020
Sample No. : MSKGL/ED/2020-21/06/01159 & 1160
Sample Description : Noise Monitoring

Reference No.& Date : e-mail dtd: 07.06.2018

ANALYSIS RESULT

Sl. No.	Sampling Date	Sampling Location	Results Leq dB(A)	
			Day Time	Night Time
1.	11/12.06.2020	Towards Factory gate (Mangrol Mine)	58.6	46.3
2.		Near Ravana Office (Mangrol Mine)	51.4	40.5
Limit As per CPCB (Environment Protection Rules, 1986)		in Industrial Area Leq dB(A)	75	70

Report Prepared by :

For Mitra S.K. Private Limited
Authorised Signatory

J.K. Cement WORKS, MANGROL (RAJ)																		
MANGROL LIMESTONE MINE																		
SIX MONTHLY AMBIENT AIR QUALITY & NOISE MONITORING REPORT																		
SPM RESULTS: (ALL VALUES IN µg/M3)																		
Sample duration: 24 hourly sample, (monthly average basis)																		
Month	Towards Factory Gate					Near Ravana Office					3 to10 Meter Distance From Drilling Operation				Near loading point			
	PM10	PM2.5	SO ₂	Nox	CO	PM10	PM2.5	SO ₂	Nox	CO	SPM	SO ₂	Nox	CO	SPM	SO ₂	Nox	CO
Apr-20	Mines not in operation due to Covid-19 lockdown																	
May-20																		
Jun-20	52.7	35.2	14.5	25.5	722	69.1	49.9	15.5	26.6	750	378	16.9	26.8	808	389	16.2	25.9	779
Jul-20	47.9	35.9	15.4	26	624	73.4	51.5	16.0	26	670	388	16.2	28.3	745	383	16.2	25.4	659
Aug-20	47.0	38.1	16.6	25	619	62.1	51.4	15.3	24	676	371	15.7	27.1	682	364	16.5	24.5	601
Sep-20	41.4	31.3	15.6	24	470	47.0	34.5	13.2	23	556	338	12.5	24.8	705	326	14.8	23.3	682
AVERAGE	47.3	35.1	15.5	25.2	609	62.9	46.8	15.0	24.9	663	369	15.3	26.7	735	366	15.9	24.8	680

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

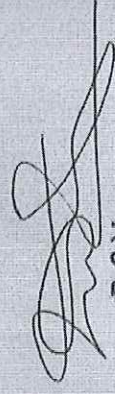
Month	Towards Factory Gate			Near Ravana Office		
	NOISE LEVEL db(A)					
	Day Time		Night Time	Day Time		Night Time
Apr-20	Mines not in operation due to Covid-19 lockdown					
May-20						
Jun-20	57.8		51.6	65.4		60.1
Jul-20	56.4		50.7	64.2		59.3
Aug-20	57.6		51.3	65.8		60.5
Sep-20	58.3		52.1	66.4		61.7

MANGROL LIMESTONE MINE

J.K.Cement Works, Mangrol

Vehicular Exhaust Emission Measurement

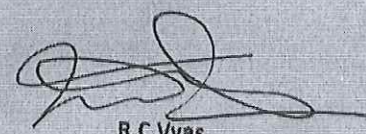
Date : 24.10.2020						Valid upto	
S. No.	Type of Machine	Tipper No.	PUC Limit	No. of Readings	Average PUC Limit as per test report	Date of Testing	
1	Tipper	RJ-09GB-1982	< 65 %	3	25.20%	30-06-2020	29-12-2020
2	Tipper	RJ-09GB-1726	< 65 %	3	24.10%	29-06-2020	28-12-2020
3	Tipper	RJ-09GC-0354	< 65 %	3	20.40%	29-06-2020	28-12-2020
4	Tipper	RJ-09GC-0616	< 65 %	3	21.80%	30-06-2020	29-12-2020
5	Tipper	RJ-09GC-0615	< 65 %	3	22.60%	29-06-2020	28-12-2020
6	Tipper	RJ-09GC-0363	< 65 %	3	20.60%	30-06-2020	29-12-2020
7	Tipper	RJ-09GC-2126	< 65 %	3	22.60%	30-06-2020	29-12-2020
8	Tipper	RJ-09GC-2127	< 65 %	3	21.40%	29-06-2020	28-12-2020
9	Tipper	RJ-09GC-2130	< 65 %	3	21.80%	29-06-2020	28-12-2020
10	Tipper	RJ-09GC-2132	< 65 %	3	23.00%	30-06-2020	29-12-2020
11	Tipper	RJ-09GC-2134	< 65 %	3	19.60%	29-06-2020	28-12-2020
12	Tipper	RJ-09GC-2135	< 65 %	3	23.00%	30-06-2020	29-12-2020
13	Tipper	RJ-09GC-8246	< 65 %	3	19.90%	29-06-2020	28-12-2020
14	Tipper	RJ-09GC-8247	< 65 %	3	21.90%	29-06-2020	28-12-2020



R.C.Vyas

DGM (Mines)

Ground Vibration Details at Mangrol Mines							
Period: April-2020 to Sept-2020					Dated:-24/10/2020		
Sl. No.	Date	Location of Blasting	Approx. Dist. Of Instrument (Minimate) from Blast	No. of Holes	Charge Per Delay Kgs.	Peak Vector Sum Mm/Sec	Accessories used in Blasting
1	06-05-2020	1 st Bench BID(1-1)	300 Mtr. back Side from Face	13	34.75	3.18	Nonels DTH & TLD
2	16-05-2020	1 st Bench BID(2-1)	300 Mtr. back Side from Face	10	35.1	3.02	Nonels DTH & TLD
3	21-05-2020	3rd Bench BID (6-4)	300 Mtr. back Side from Face	12	34.87	2.91	Nonels DTH & TLD
4	30-05-2020	3rd Bench BID(6-9)	300 Mtr. In front of blast	10	35.08	1.65	Nonels DTH & TLD
5	31-05-2020	2 nd Bench BID(7-1)	300 Mtr. In the line of Initiation of the blast	11	34.2	1.42	Nonels DTH & TLD
6	02-06-2020	3rd Bench BID(6-10)	300 Mtr. From back side of the face	9	35.33	2.44	Nonels DTH & TLD
7	13-06-2020	3rd Bench BID(6-14)	300 Mtr. From back side of the face	12	34.83	2.22	Nonels DTH & TLD
8	16-06-2020	3rd Bench BID(5-16)	300 Mtr. back Side from Face	13	35.95	2.82	Nonels DTH & TLD
9	30-06-2020	1 st Bench BID (1-4)	300 Mtr. From back side of the face	13	36.23	2.62	Nonels DTH & TLD
10	02-07-2020	4 th Bench BID(5-26)	300 Mtr. In the line of Initiation of the blast	30	26.2	1.94	Nonels DTH & TLD
11	03-07-2020	2 nd Bench BID (2-3)	300 Mtr. In the line of Initiation of the blast	16	34.69	1.53	Nonels DTH & TLD
12	07-07-2020	3rd Bench BID (5-29)	300 Mtr. From back side of the face	18	25	2.25	Nonels DTH & TLD
13	09-07-2020	3rd Bench BID (5-30)	300 Mtr. In the line of Initiation of the blast	8	36.25	0.92	Nonels DTH & TLD
14	13-08-2020	3rd Bench BID (6-26)	300 Mtr. From back side of the face	9	37.11	1.11	Nonels DTH & TLD
15	14-08-2020	3rd Bench BID (6-27)	300 Mtr. From back side of the face	14	36.78	1.71	Nonels DTH & TLD
16	17-08-2020	3rd Bench BID (6-28)	300 Mtr. From back side of the face	11	35.45	2.05	Nonels DTH & TLD
17	15-09-2020	3rd Bench BID (6-34)	300 Mtr. back Side from Face	14	35	2.64	Nonels DTH & TLD
18	19-09-2020	3rd Bench BID (6-35)	300 Mtr. In front of blast	14	35	1.63	Nonels DTH & TLD
19	20-09-2020	2 nd Bench BID (7-1)	300 Mtr. From back side of the face	15	36.2	2.28	Nonels DTH & TLD
20	22-09-2020	3rd Bench BID (6-37)	300 Mtr. From back side of the face	14	38.57	2.29	Nonels DTH & TLD


 R.C. Vyas
 DGM (Mines)

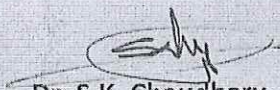
MANGROL LIMESTONE MINE

J.K.Cement Works, Mangrol

Medical Examination Details

(April, 2020 - Sept, 2020)

	Date : 23.10.2020
No. of persons examined	1
Initial Medical Examination	0
Periodical Medical Examination	1
Disease observed	NA

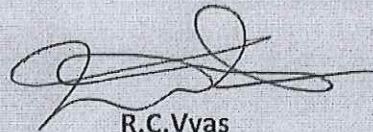


Dr. S.K. Chaudhary

Chief Medical Officer(JKCW)

C.M.O.

J. K. Cement Works
NIMBAHERA (Raj.)



R.C.Vyas

DGM (Mines)

राजस्थान सरकार

वन विभाग

कार्यालय संभागीय मुख्य वन संरक्षक, उदयपुर

वन भवन, मोहता पार्क के सामने, चेतक सर्किल, उदयपुर-313001

Email: ccf.udpur.forest@rajasthan.gov.in; Tel.no. 0294-2424748; Fax no. 0294-2418137

क्रमांक एफ 5 () वसु/मुवसं/2020-21/5002
निमित्त,

दिनांक :- 24.09.2020

अतिरिक्त प्रधान मुख्य वन संरक्षक,
प्रोटेक्शन एवं नोडल अधिकारी एफसीए,
राजस्थान, जयपुर।

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 (Canis lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian Vulture (Gyps indicus/Gyps bengaliensis) proposed by J.K. Cement Works Nimbahera, J.K. Cement Works Mangrol Ahirpura Limestone Mine, Karunda Limestone Mine, Maliakhera Limestone Mine, Mangrol Limestone mine and Mangrol-Tilakhera Limestone Mine) Tehsil- Nimbahera, Dist- Chittorgarh (Rajasthan).

संदर्भ :—उप वन संरक्षक, चित्तौड़गढ़ का पत्र क्रमांक एफ() सर्वे/उवस/ 2020-21/4172 दिनांक 29.6.2020 तथा 6048 दिनांक 23.09.2020 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत संदर्भित पत्र से उप वन संरक्षक, चित्तौड़गढ़ ने उनके पत्र क्रमांक एफ () सर्वे / उवस/ 2020-21/4172 दिनांक 29.6.2020 एवं 6048 दिनांक 23.09.2020 से आलौच्य प्रकरण में वांछित Sch-I वन्यजीवों के संरक्षण के उद्देश्य से इस सम्भागाधीन उप वन संरक्षक, चित्तौड़गढ़ के मार्गदर्शन में तैयार किया गया Wildlife Conservation Plan (WCP) इस कार्यालय को प्रेषित किया गया है।

अतः प्राप्त प्रस्ताव Wildlife Conservation Plan (WCP) को इस कार्यालय के सहमति के साथ मूल ही दो प्रतियों में सक्षम स्तर से अनुमोदित कराने हेतु संलग्न प्रेषित है।
संलग्न:— उपरोक्तानुसार। (मूल ही दो प्रतियों में)

भवदीय,


(आर.के.सिंह)
संभागीय मुख्य वन संरक्षक
उदयपुर।

दिनांक :-

क्रमांक पत्रा 5() वसु/मुवसं/2020-21/
प्रतिलिपि:—निम्न को सूचनार्थ प्रेषित है:—1— उप वन संरक्षक, चित्तौड़गढ़ को उनके पत्रांक 4172 दिनांक 29.06.2020
तथा 6048 दिनांक 23.09.2020 के क्रम में।

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

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29/9/20
संभागीय मुख्य वन संरक्षक
उदयपुर।

J.K. Cement WORKS, MANGROL (RAJ)
MANGROL MINE

EXPENDITURE INCURRED ON ENVIRONMENTAL PROTECTION
MEASURES DURING YEAR 2019-2020

S. No.	Activity	Recurring Cost per Annum (Rs.)
1.	Pollution control expenses (Others)	103214
2.	Pollution control expenses (Statutory)	0
3.	Gardening Expenses	240749
4.	CSR Expenses	3121495
Total (Rs.)		3465457/-

J.K. Cement WORKS, MANGROL (RAJ)
MANGROL MINE

Financial Budget for Environmental Management
FY 2020-21

S. No.	Activity	Recurring Cost per Annum (Rs. in Lacs)
		Proposed
1.	Pollution control expenses (Others)	3.824
2.	Pollution control expenses (Statutory)	-
3.	Gardening Expenses	3.3
4.	CSR Expenses	99.0
Total (Rs. in Lacs)		106.124/-