

HALF YEARLY COMPLIANCE REPORT OF

ENVIRONMENTAL CLEARANCE LETTER NO.

J-11015/427/2008-1A. II (M) dated 06.08.2010

Period: April-2021 to September-2021

For Mangrol Limestone Mine: 1.5 MMTPA

Submitted to:

MoEF&CC, New Delhi &Central Regional Office, Lucknow (UP)
Central Pollution Control Board, New Delhi & Bhopal
Rajasthan State Pollution Control Board, Jaipur

Submitted by:

M/s J.K.CEMENT WORKS, MANGROL,

Vill. Mangrol, Tehsil: Nimbahera, District: Chittorgarh (Raj)

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol,	Period	from	April-2021	to
	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	Septem	ber- 202	21	
Environment Cleara	nce issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

S. No	Details of Conditions	Compliance Status
(A)	Specific Conditions	
(i)	The project proponent shall obtain Consent to	Complied with.
	Establish and Consent to Operate from the Rajasthan	• Consent to Establish has been obtained vide letter no. F(Mines)/Chittorgarh/(Nimbahera) 966(1)
	State Pollution Control Board and effectively	2011- 12/4718-4722 dated 29.09.2011.
	implement all the conditions stipulated therein.	• Consent to operate has 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	Noted.
	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.	
(iii)	The environmental clearance is subject to approval of	Complying with.
	the State Land use Department, Government of	Private agriculture land is used only after diversion for non-agriculture use from state revenue department.
	Rajasthan for diversion of agricultural land for non-	
	agricultural use.	
(iv)	Necessary prior permission from the Competent	Complying with.
	Authority as may be applicable for use of grazing land	Permission for use of grazing land for mining purpose is obtained from Revenue Department, Govt of
	for mining purpose shall be obtained.	Rajasthan vide letter No. Revenue/2011-12 dated 12.01.2012.
(v)	The project proponent shall develop fodder plots in	Complying with.
	the non-mineralized area in lieu of use of grazing	Fodder plots are being developed in our purchased land having non-mineralized zone and are falling in our
	land.	lease area. The area is being used for grazing of cattle's.

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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	ine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol, rict-Chittorgarh, Rajasthan. Period from April-2021 to September- 2021						
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				ed zone use for grazing cattle	e's						
(vi)	The mining operations shall be restricted to above	Complying with		1 1 1 1 1 1 1 1 1	1 1						
	ground water table and it should not intersect the groundwater table. In case of working below the	The detail of the S. N		le and working level is given							
	ground water table, prior approval of the Ministry of	1.	Highest Elevation	Levels (MSL) 440	BGL (m)						
	Environment and Forests and the Central Ground	2.	Lowest Elevation	432							
	Water Authority shall be obtained, for which a	3.	General Ground Leve								
	detailed hydro-geological study shall be carried out.	4.	Water Table (Pre-Mo		50-55						
		5.	Water Table (Post-M	· · · · · · · · · · · · · · · · · · ·	40						
		6.	Ultimate Pit Limit	395	40						
		Sour	ce: - As per approved Mod	ified Mining Plan with PMCI	P dated 03.01.2019.						
(vii)	The project proponent shall ensure that no natural watercourse and/or water resources are obstructed due to any mining operations.	Water table will not intersect during the conceptual phase/ life of mine. There are no large channels or other sources of water in the area. The water drains out of the area following									

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(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. During FY 2021-22 till Sept 21 the top soil generation was 11000 MT and used in plantation.
(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.	During FY 2021-22 till Sept 21 the waste/ mineral reject generation was 13992 MT which is being stacked at designated places, levelled and being stabilized by carrying out plantation over it. Latest EC compliance report submitted to Ministry of Environment and Forests including its Regional Office located at Lucknow and the State Pollution Control Board/Central Pollution Control Board vide letter no. MGR/PC-14/C12 on Dated 29.05.2021 for the period of Oct-20 to March-21.
(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	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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Environment Cleard								

	should be regularly desilted particularly after the	
	monsoon and maintained properly.	
	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.	
(xii)	Dimension of the retaining wall at the toe of the waste	Since there is no generation of waste, only top black cotton soil is generated which is use in plantation.
	dumps and the waste benches within the mine to	Garland drain and siltation pond has been constructed to check runoff.
	check run-off and siltation should be based on the rain	
	fall data.	
(xiii)	Plantation shall be raised in an area of 14ha including	Complying with.
	a 7.5m wide green belt in the safety zone around the	
	mining lease, reclaimed area, around water body,	• Total 7.47 ha. area is covered under plantation with 16620 nos. of plants till 31st March'2021.
	around waste dumps along the roads etc. by planting	(within lease area 5.45 ha. is planted with 13600 no. saplings and outside lease in 202 ha. with
	the native species in consultation with the local	3020 nos. of saplings).
	DFO/Agriculture Department. The density of the	 Till FY 2020-21, total safety zone (7.5m) plantation done in area of 0.74 ha. In FY 2021-22, total safety zone (7.5m) plantation done in area of 0.8 ha. Including gap filling.
	trees should be around 1000 plants per ha. Greenbelt	• In FY 2021-22, total safety zone (7.5m) plantation done in area of 0.8 ha. Including gap filling.
	shall be developed all along the mine lease area in a	

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	phased man	nner and	shall be	compl	leted w	ithin firs	st		-										
	five years.															143	A		
															30				
(xiv)	Effective sa	ıfeguard	measures	s, such	as regu	ılar wate	er Com	plying w	ith.										
	sprinkling s	hall be c	arried ou	ıt in cri	itical ar	eas pron	e D			1. 1	,4	1 1	1.1	, 1	1 . 1 .		c :1:	***	. 1 '11'
	to air pollut		_	_					_	_			ads by wat	er tanker w	hich has	sprinkle	r facilii	ty. Wei	t drilling
	matter such			_		- 1	٠, ،	em is prac		_	_		core & bu	ffor zono	by NAB	Locaro	ditad 1	ah ana	locad ac
	loading and					_	" ,	exure-1.	quanty	ШОШи	ning ie	eport or o	core & bu	Hei Zolle	by NAD	L accre	anea i	ab enc.	ioseu as
	Extensive w	•	_				11	CAUIC-I.											
	roads. It s																		
	Quality para				•			oient Air	Qualit	y Mon	toring	data of P	eriod Apr	-21 to Sep	t-21 mer	ntion be	low tab	ole:	
	Sy the cent		ds Factory			105410		avana Off	ice			3 to10	Meter Dist	ance From	n Drilling	Near I	nading	point	1
	N A o math			, σαις			. vear in					Operati	Near loading point						
	Month	PM10	PM 2.5	SO ₂	NOx	СО	PM10	PM 2.5	SO ₂	NOx	СО	SPM	SO ₂	NOx	со	SPM	SO ₂	NOx	СО

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	Apr-21	40.2	36.7	13.7	31.7	836	43.8	38.5	19.9	33.6	893	397	19.2	32.4	841.6	438.0	22.1	31.3	835.9
	May-21	50.4	34.4	11.6	28.5	802	63.0	36.4	16.7	30.4	859	426	17.4	29.3	802	422	19.2	28.4	784
	Jun-21	48.3	32.0	13.0	23.4	761	60.9	35.1	18.0	37.9	733	414	16.6	37.5	773	406	21.0	41.8	802
	Jul-21	32.5	20.4	10.6	19.8	715.6	37.0	24.3	13.8	20.0	744	383	13.8	32.5	658	397	15.1	36.3	710
	Aug-21	26.6	18.1	12.0	16.4	733	34.4	21.7	15.2	21.4	767	347	9.9	30.1	601	378	13.8	38.2	641
	Sept-21	29.8	16.2	14.2	21.7	750	36.8	23.7	17.1	23.4	784	353	11.5	32.5	658	337	12.1	25.0	647
	AVERAGE																		
		38.0	26.3	12.5	23.6	766	46.0	30.0		27.8	797	387	14.9	32.4	722	396	17.2	33.5	737
(xv)	The project	t author	rity shoul	ld imp	lement	suitabl	e Con	nplied wit	h.										
	conservation	r The	rain water	is beir	ig colle	cted in	mine pit a	and utilized	in cement	plant op	eration.								
	resources in	ıl																	
	Director, Ce	ntral Gr	ound Wat	er Boar	rd.														
(xvi)	Regular mor	nitoring	of ground	water	level ar	nd qualit	y Con	nplying w	ith.										
	shall be carr	ried out	in and are	ound th	e mine	lease b	y												
	establishing	a netwo	rk of exist	ting we	lls and	installin	Regular monitoring of ground water level and quality is being carried out in and around the Mining lease												
	new piezom	eters du	ring the i	mining	operati	ion. Th	e area												
	periodic mo	nitoring	[(at least	four ti	mes in	a year	exis	ting wells.	•										
	pre-monsoo	n (April	-May), m	onsoon	(Augu	st), post	- We	have insta	lled 3	Nos. of	manua	l piezome	eter holes &	one DWI	LR (Digi	tal wate	r level	Record	ler) with
	monsoon (N	lovembe	er) and wi	inter (Ja	anuary)	; once i	n teler	netry syst	em for	online	monito	ring of gro	ound water	level.					
	each season))] shall b	e carried	out in c	onsulta	tion wit	h												
	the State Gr	ound Wa	ater Board	l/Centra	al Grou	nd Wate	r					Screen	shot of DW	LR live dat	ta				
	Authority a	nd the o	data thus	collect	ed may	be sen	ıt												
	regularly to	the Min	istry of E	nvironr	nent an	d Forest	s												
	and its Region	onal Offi	ice, Luckn	ow, the	e Centra	al Groun	d												
	Water Auth	ority and	d the Reg	gional I	Director	, Centra	ıl												
	Ground Wa	ter Boar	d. If at a	ny stag	e, it is	observe	d												
	that the grou	undwate	r table is	getting	deplet	ed due t	0												

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	the mining activity, necessary corrective measures	$\leftarrow o ext{ C }$ is sustainability/ogicladder.com/danibound/revert/tree \Rightarrow
	shall be carried out.	Telemetry BWI, 7 (Kurunda Mine)
		Water Level 14.46 tensormers #07.7 Starland Mone)
		Telemetry BW, 8 (Mallahbers Mine)
		Water Level 13.00 ms [Triconetry BW_31 (Mallanhera Minist]
		Tellemetry (BWL) 9 (Mangrol Mine)
		Water Level 7.79 I minage Thiemens BW 9 Magneti Mole Minel 1
		20021 G Linglick sidder Technologies Private Limited Harms of Sacrifice Philosopher 18, 2021
		The water quality report tested by NABL lab and report is being submitted to MoEF&CC and its
		Regional Office, Lucknow, the CGWA and the Regional Director, Central Ground Water Board in
		four times in a year.
		Monsoon season (Aug'2021) report submitted vide letter no. MGR/PC/14/C12/1255 on dated
		14.09.2021. monsoon water quality monitoring report enclosed as Annexure-2.
(xvii)	Appropriate mitigative measures shall be taken to	Agreed.
	prevent pollution of the Gambhiri River and Murlia	
	dam in consultation with the State Pollution Control	
	Board.	
(xviii)	The project proponent shall obtain necessary prior	Complied with.
	permission of the competent authorities for drawl of	Renewal NOC obtained vide letter no. CGWA/NOC /MIN/REN /2/2021/5960 & corrigendum vide letter
	requisite quantity of ground water required for the	no. 21-4/532/RJ/MIN/2012-99, Dated 20/05/2021 valid upto 06/04/2023.
	project.	
(xix)	Suitable rainwater harvesting measures on long term	Complied with.
	basis shall be planned and implemented in	

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consultation with the Regional Director, Central Ground Water Board.

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 & also 02 Nos. Check dam constricted in mine area for rain water harvesting.



Rain Water Harvesting through Mine Pit





Rain Water Harvesting through Check Dam

(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

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.

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n	ot be overloaded.	Type of Machine	Tipper No.	PUC Limit	No. of Readings	Average PUC Limit as per test report	Date of Testing	Valid upto
		Tipper	RJ-09GC-0354	< 65 %	3	20.60%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-0615	< 65 %	3	19.60%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-0616	< 65 %	3	19.50%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-0363	< 65 %	3	20.10%	28.07.2021	27.01.2022
1		Tipper	RJ-09GC-2126	< 65 %	3	19.80%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-2127	< 65 %	3	22.10%	28.07.2021	27.01.2022
1		Tipper	RJ-09GC-2130	< 65 %	3	20.00%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-2132	< 65 %	3	21.20%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-2134	< 65 %	3	19.30%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-2135	< 65 %	3	23.40%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-8246	< 65 %	3	21.80%	28.07.2021	27.01.2022
		Tipper	RJ-09GC-8247	< 65 %	3	22.20%	28.07.2021	27.01.2022
r	Controlled blasting shall be practiced. The mitigative neasures for control of ground vibrations and to arrest ly rocks and boulders should be implemented.	monitoring	with. blasting is being of ground vibration onitoring data of Location of Blasting	on is being properiod Apr-2 Approx. Dis	acticed. Rocl	s breaker is is mention in	used to elimi	nate second

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		12.04.2021	1st Bench	300 Mtr. back Side from	16	35.37	2.91
		12.04.2021	BID(9-4)	Face	10	33.37	2.71
		24.04.2021	1st Bench BID(9-5)	300 Mtr. back Side from Face	13	29.07	2.72
		22.05.2021	3 rd Bench	300 Mtr. In front of Face	16	35.62	2.22
			BID (7-5) 1st Bench	300 Mtr. back Side from			
		31.05.2021	BID(9-10)	Face	14	36.96	1.05
		03.06.2021	2 nd Bench BID (7-8)	300 Mtr. back Side from Face	14	36.78	1.91
		15.06.2021	3 rd Bench	300 Mtr. From back side of	12	34.50	2.58
		20.06.2021	BID(7-11) 2 nd Bench	the face 300 Mtr. In front of Face	12	34.58	1.93
		20.00.2021	BID (7-14)		12	UT.UU	1.75
		02.07.2021	3 rd Bench BID(7-17)	_ 300 Mtr. From back side of the face	15	36.11	2.69
		18.07.2021	2 nd Bench BID (7-25)	300 Mtr. In front of Face	12	34.58	2.50
		30.07.2021	2 nd Bench BID (7-32)	300 Mtr. From back side of the face	12	34.83	2.55
		06.08.2021	3rd Bench BID (7-36)	300 Mtr. In the line of initiation of the face	15	33.46	2.13
		20.08.2021	2 nd Bench	300 Mtr. From back side of	10	33.72	2.39
		27.08.2021	BID (8-11) 1st Bench BID (9-32)	the face 300 Mtr. From back side of the face	18	34.52	1.56
		05.09.2021	1st Bench BID (9-34)	300 Mtr. In the line of initiation of the face	14	34.14	2.07
		12.09.2021	2 nd Bench BID (8-23)	300 Mtr. In the line of initiation of the face	14	34.06	1.94
		25.09.2021	2 nd Bench BID (8-31)	300 Mtr. In the line of initiation of the face	12	33.52	1.16
			BID (8-31)	Initiation of the face			
xxii)	The project proponent shall take all mitigative	Complying w	vith.				
,	measures during the mining operation to ensure that			g done during the mining op	eration. C	Oversized bou	ılders are broken bv u
	the buildings/structures in the nearby areas shall not	Hydraulic Roo	•				- J
	be affected due to blasting.						
	J Company of the comp						

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(xxiii)	Drills shall either be operated with dust extractors or	Complying with.
	equipped with water injection system.	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	Complied with.
	adequate number of high efficiency dust extraction	Regular water spraying arrangement on haul roads and on blast material before loading is practices to
	system. Loading and unloading areas including all the	control of fugitive emission.
	transfer points should also have efficient dust control	
	arrangements. These should be properly maintained	
	and operated.	
(xxv)	Sewage treatment plant shall be installed for the	Complied with.
	colony. ETP shall also be provided for the workshop	Efficient Sewage Treatment Plant is already installed in the colony. No industrial waste water is generating
	and waste water generated during the mining	during mine operation and workshop waste water collected in pit and use in dust suppression.
	operation.	STP Photograph
		View of Sewage treatment Plantswith plantation View of Sewage treatment Plantswith plantation Vehicle wash treated water monitoring report of workshop analyzed by NABL accredited lab enclosed as
		Annexure-3.
(xxvi)	Pre-placement medical examination and periodical	Complying with.
	medical examination of the workers engaged in the	
	project shall be carried out and records maintained.	

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	September- 2021			
Environment Cleard	ince issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

	For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	•	ne workers is carried out and record is maintained. Schedule manner that every workman will be examined once in five or-21 to Sept-21 is mention below table:
		Particular	Medical Exam. Carried out (in Nos.)
		No. of persons examined	16
		Initial Medical Examination	16
		Periodical Medical Examination	0
		Disease observed	NA
(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 removed after the completion of the project. 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	Complying with. These critical parameters are being measured per refer Annexure-1. No waste water is generating during mining op	eriodically during ambient air monitoring. For reports please
	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.	Mines key parameter (monitored data) are being notification, which can be seen at www.jkceme	g uploaded at company website on every quarter as per said ent.com/environmental-complaince.

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol,	Period	from	April-2021	to
	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	September- 2021			
Environment Cleard	ince issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

	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.	
(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	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.
	mine closure for approval.	
` /	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.	Noted. Mining is being done in accordance with Approved Review of Mining Plan.
(ii)	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.	Noted. Mining is being done in accordance with Approved Review of Mining Plan.
(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.	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.) Pavocristatus (Indian Peafowl), (b.) Pantherapadusfusca (Indian Leopard), (c.) Prionailurusrubiginosus (Rusty-Spotted Cat), (d.) Canis lupus pallipes (Indian Wolf), (e.) Varanusbengalensis (Indian Monitor Lizard) (f.) Gyps indicus/Gyps bengalensis (Indian Vulture)
		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 (Pavo cristatus), Panther (Panthera pardus fusca),

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	Septem	ber- 20	21	
Environment Cleard	ince issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

		Rusty Spotted Cat (Prionailurusrubiginosus), Indian Wolf (Canis lupus pallipesl) Indian Monitor lizard
		(Varanus bengalensis) and Indian vulture (Gyps indicus/ bengalensis). Wild life conservation plan has been
		forwarded by the DFO Chittorgarh to Divisional chief conservator of forest vide letter no F (5)
		survey/UVS/2021-22/4089 dated 13.07.2021 and accordingly 20% amount of Rs. 57.07 Lakh deposited by
		us against total WCP cost of Rs.285.30 Cr in July,21. Copy of Letter is enclosed as Annexure-4.
(iv)	Four ambient air quality-monitoring stations should	Complied with.
	be established in the core zone as well as in the buffer	Ambient Air Quality Monitoring stations has been established in consultation with the State Pollution
	zone for RSPM (Particulate matter with size less than	Control Board vide letter no. MGR/PC/28/1600 on dated 4/10/2013.
	10 micron i.e., PM10) and NOx monitoring. Location	Periodical Monitoring in the core zone as well as in the buffer zone is already being done. However ambient
	of the stations should be decided based on the	air quality is carried out by NABL accredited Laboratory report please refer Annexure-1.
	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.	
(v)	Data on ambient air quality RSPM (Particulate matter	Complying with.
	with size less than 10 micron i.e., PM10) & NOx	Monitoring data is regularly submitting to the concerned offices. Latest compliance report was submitted
	should be regularly submitted to the Ministry of	to Ministry of Environment and Forests including its Regional Office located at Lucknow and the State
	Environment and Forests including its Regional	Pollution Control Board/Central Pollution Control Board vide letter no. MGR/PC-14/C12 dated
	Office located at Lucknow and the State Pollution	29.05.2021.
	Control Board/Central Pollution Control Board once	
	in six months.	
(vi)	Fugitive dust emissions from all the sources should be	Complying with.
	controlled regularly. Water spraying arrangement on	Water spraying arrangement on haul roads, loading and unloading points has been provided & Dense green
	haul roads, loading and unloading and at transfer	belt developed in and around mine lease area to control fugitive dust emission.
	points should be provided and properly maintained.	

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PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol,	Period	from	April-2021	to
	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.		ber- 20	21	
Environment Clear	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan. ent Clearance issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				





Water spray on haul road

Dense green belt

Fugitive emission monitoring report enclosed as Annexure-5.

(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.

Ambient Noise level monitoring data of period Apr-21 to Sept-21 mention below table:

Month	Towards	Factory Gate	Near Ravana Office			
Month	Day	Night	Day	Night		
Apr-21	61.5	56.2	59.48	54.15		
May-21	62.6	57.9	61.6	53.8		
Jun-21	69.3	60.6	68.5	57.2		
Jul-21	67.8	58.6	66.3	52.7		
Aug-21	63.3	54.1	60.1	44.78		
Sept-21	64.4	55.3	58.6	42.3		

Workers engaged in operation of HEMM etc. are provided with ear plugs. Noise level monitoring report of ambient & work zone enclosed as **Annexure-6.**

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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.		ber- 20	21	
Environment Cleara	nce issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

(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.
(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

corrective measures, if needed.

workers should be undertaken periodically to observe any contractions due to exposure to dust and take

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 has safely disposed by co-processing in own cement kiln.

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.

Environment awareness program have conducted time to time in plant, mines& near villages. Health, Safety, Environment related awareness display, displayed at mine, plant & near villages.



Environment slogan displayed in mine area



Safety slogan displayed in mine area





PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.		ber- 20	21	
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		Environment Awareness Rally by J.K.ITI Environment Pledge by Workmen & Employee
		- ज साह्यांकाविणान्य अनंत्यां जाता एक निवाद वा प्रतास्त्र विवाद वा प्रतास्त्र विवाद
		Environment Awareness Book Redemption in Govt. school Mangrol & Arniya Joshi
		गलयात्रारां वार्या जोशी, प्रे.स. तस्याहेश जिला चित्तीह-जार (राजस्था)
		Cloth bags distribution (Say NO Plastic Bag) River Cleaning during Swachh Bharat Abhiyan
(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.
(xi)	The funds earmarked for environmental protection	Complying with.
	measures should be kept in separate account and should not be diverted for other purpose. Year wise	A separate fund is kept for environment protection measures and report is being sent regularly to the concerned authority.
	expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow.	For environment protection measures expenditure made during FY 2020-21 was 84.559 lacs. Details are mention in table:

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
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Environment Cleard	ince issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

			S. No.	Activity	Recurring Cost per Annum (Rs. In lacs)			
			1.	Pollution control expenses (Others)	0.83			
			2.	Pollution control expenses (Statutory water charges)	2.069			
			3.	Gardening Expenses	14.2			
			4.	CSR Expenses	67.46			
				Total (Rs.)	84.559			
(xii)	The project authorities should be inform to the	Noted	•					
	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.							
(xiii)	The Regional Office of this Ministry located at	Noted and will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite						
	Lucknow shall monitor compliance of the stipulated	data/information/monitoring reports.						
	conditions. The project authorities should 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	Complyi	ng with					
	reports on the status of compliance of the stipulated							
	environmental clearance conditions including results	Six mon	thly rep	ports is being submitted to all concern office	s as given in EC letter. Latest Six Monthly			
	of monitored data (both in hard copies as well as by	Monitori	ing repo	ort sent to RO & HO, MoEF&CC Lucknow,	CPCB/ RPCB on MGR/PC-14/C12/, Dated			
	e-mail) to the Ministry of Environment and Forests,	29.05.20	21. & u	ploaded at company website which can be as	sess by following link.			
	its Regional Office located at Lucknow, the respective	e https://www.jkcement.com/environmental-compliance						
	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							

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
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	Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.	Septem	ber- 20	21	
Environment Cleard	ince issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

	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, 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	Complied.
	proponent to concerned Panchayat, ZilaParisad,	
	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.	
(xvi)	The State Pollution Control Board should display a	Complied.
	copy of the clearance letter at the Regional Office,	
	District Industry Centre and the Collector's	
	Office/Tehsildar's Office for 30 days.	
(xvii)	The environmental statement for each financial year	Complying with, The Environment statement report of FY 2020-21 has submitted vide letter no. MGR-
	ending 31st March in Form-V as is mandated to be	PC-ESR-21/1262, Date: 17.09.2021.
	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.	
	sent to the Regional Office of the Ministry of	

PROPONENT	J. K. CEMENT WORKS, MANGROL (RAJ.)				
PROJECT	Mangrol Lime Stone Mine (M.L. No. 26/08, Area 132 ha., Limestone 1.5 MMTPA, villages- Mangrol,	Period	from	April-2021	to
Tehsil-Nimbahera, District-Chittorgarh, Rajasthan.		Septem	ber- 20	21	
Environment Cleara	nce issued from MOEF, New Delhi vide Letter No. J-11015/427/2008-IA.II (M) dated 06.08.2010				

(xviii)	The project authorities should advertise at least in two	Implemented and the necessary information already sent to the concerned authority.
	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 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.	



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



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory ISO 9001:2015 OHSAS 18001:2007

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TEST REPORT

Report No./ULR No.:	TC502521400001677	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	20-06-2021
Point of Collection	Towards Factory Gate, Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By:	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

DECLUITO

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]	17.92	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	43.58	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	3.38	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	79.21	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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

(Report No: TC502521400001677)



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

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TEST REPORT

Report No./ULR No.:	TC502521400001678	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	20-06-2021
Point of Collection :	Near Ravana Office ,Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	•	Sample Collected By :	Banwari Lal Kumawat
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]	16.57	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	31.58	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	3.24	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	63.5	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.

Senior Analyst Yogi

Rajes Maheshwan

Authorized Signatory

(Report No: TC502521400001678)



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



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

Report No./ULR No.:	TC502521400001680	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	21-06-2021
Point of Collection :	Tie Village, Mangrol	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	•	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.26	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	38.09	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	2.77	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	76.33	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran Mal Yogi

Rajesh Maheshwan Authorized Signatory

(Report No: TC502521400001680)





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TEST REPORT

Report No./ULR No. :	TC502521400001682	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	21-06-2021
Point of Collection :	Mangrol Village	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

DECLU TO

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	350	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.95	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	33.3	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	3.03	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	67.31	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Rajesh Maheshwan

Authorized Signatory

(Report No: TC502521400001682)



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

OHSAS 18001:2007



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory ISO 9001:2015

Office: E-65, Chitranjan Marg, C-Scheme, Jaipur - 302001, Rajasthan Phone: +91 6377210064, 9414077379, Website: www.teamtesthouse.com Email: team.bdhead@gmail.com

Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com, Email: marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400002826	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	17-09-2021
Point of Collection	Towards Factory Gate, Mangrol 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		

Testing Protocol Limits as per Observed Value S.No **Parameters** National Ambient Air Quality Standard, 2009 4000 310 TTH/AAQM/08 Carbon Monoxide [microgram/m3] IS 5182 (Part 6): 2006 80.00 16.54 Nitrogen Dioxide as NO2 [microgram/m3] Reaffirmed 2017 60.00 IS 5182 (Part 24): 2019 35.16 Particulate Matter (PM2.5) [microgram/m3] 80.00 2.32 IS 5182 (Part 2): 2001 RA Sulphur Dioxide [microgram/m3]

Notes :-

2

3

4

5

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

85.46

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

Puran Wal Yogi Senior Analyst

Rajesh Maheshwan Authorized Signatory

IS 5182 (Part 23)-2006 RA

2017

(Report No: TC502521400002826)

100.00

Particulate Matter (PM 10) [microgram/m3]



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Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com. Email: marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502521400002827	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	17-09-2021
Point of Collection	Near Ravana Office ,Mangrol 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 Limits as per **Testing Protocol** Observed Value S.No **Parameters** National Ambient Air Quality Standard, 2009 4000 TTH/AAQM/08 290 Carbon Monoxide [microgram/m3] 80.00 IS 5182 (Part 6): 2006 16.07 Nitrogen Dioxide as NO2 [microgram/m3] 2 Reaffirmed 2017 60.00 IS 5182 (Part 24): 2019 Particulate Matter (PM2.5) [microgram/m3] 30.43 80.00 IS 5182 (Part 2): 2001 RA 5.34 Sulphur Dioxide [microgram/m3] 2017 100.00 IS 5182 (Part 23)-2006 RA Particulate Matter (PM 10) [microgram/m3] 78.08 5 2017

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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

Puralpayal Yogi Senior Analyst

RayPerMaheshwari

Authorized Signatory

(Report No: TC502521400002827)



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



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RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UI

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TEST REPORT

Report No./ULR No. :	TC502521400002830	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	18-09-2021
Point of Collection :	Tie Village, Mangrol	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]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.08	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	28.72	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.22	IS 5182 (Part 2) : 2001 RA	80.00

Notes :-

5

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

51.55

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

Puran Mal Yogi Senior Analyst

Authorized Signatory

IS 5182 (Part 23)-2006 RA

2017

(Report No: TC502521400002830)

Bal Maheshwan

100.00

Particulate Matter (PM 10) [microgram/m3]



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



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory
RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA

Office: E-65, Chitranjan Marg, C-Scheme, Jaipur - 302001, Rajasthan Phone: +91 6377210064, 9414077379, Website: www.teamtesthouse.com Email: team.bdhead@gmail.com Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com,

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

TEST REPORT

Report No./ULR No. :	TC502521400002831	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	18-09-2021
Point of Collection	Mangrol 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]	260	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.24	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	28.05	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.18	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	68.33	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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

Senior Analyst

Authorized Signatory

(Report No: TC502521400002831)



0/0

JK Cement Works, Mangrol A unit of JK Cement Ltd. CIN: L17229UP1994PLC017199

↑ C/o. Kailash Nagar - 312617, Nimbahera Distt., Chittorgarh (Raj.) INDIA

😂 +91-1477-220098, 220087 🛕 jkc.mgrl@jkcement.com

MGR/PC/14/C12/ \255

Regd.AD.

Date: 14.09.2021

To,

The Deputy Director (S)

Environment Division, Integrated Regional Office, Jaipur MoEF &CC, Gol A-218, Aranya Bhawan, Jhalana Institutional Area, Jaipur-304002

Subject: Compliance to Specific conditions no. A. (XVI) of Environmental Clearance.

Dear Sir.

Kindly refer Environmental Clearance letter no. J-11015/427/2008-IA. II (M) dated. 06^{th} August 2010 of our **Mangrol Limestone Mine**. We are enclosing herewith ground water level & water quality data of **Monsoon** (**August' 2021**) with respect to specific Condition No. A (XVI) of above referred letter. This is for your reference & record.

Thanking you.

Yours faithfully For J.K. Cement Works, Mangrol

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

Enclosed 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





Manufacturing Units at :

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







ANNEXURE-3





Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

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Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com, Email: marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521200001788	Date :	25-10-2021
Issued To :	M/S J.K. Cement Works (Mangrol) Village- Mangrol, Tehsil - Nimbahera,, District - Chittorgarh-312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Wastewater Sample	Date of Sample Collection/Monitori ng:	22-09-2021
Point of Collection :	Mangrol mine workshop water	Date of Receipt :	08-10-2021
Date of Test/Analysis	08-10-2021 to 13-10-2021	Sampling Plan :	APHA 2017 : 1060
Quantity of Sample :	1 Ltr	Sample Collected By:	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Total Dissolved Solids [mg/l]	876	APHA 2017 : 2540 C	-
2	Total Suspended Solids [mg/l]	22	APHA.2017:2540-D	100
3	Dissolved Oxygen [mg/l]	5.8	APHA 2017 : 4500- O C	-
4	pH	7.58	APHA:2017 : 4500 H+B	5.5 - 9.0

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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

K.N. Mukhophadvay Authorized Signatory

(Report No: TC502521200001788)





राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, वित्तौड़गढ़-312001;Ph&Fax :01472-294001 ;email : dcf.chitor.forest@rajasthan.gov.in)
क्रमांक :— एफ ()सर्वे / उवस / 2021—22 / 4 6 8 9 दिनांक :— 13 · 7 · 2021
निमित्त,

संभागीय मुख्य वन संरक्षक, उदयपुर

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 (Cains 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 संरथानिक क्षेत्र, राजस्थान, जयपुर का पत्र क्रमांक एफ.11(419) विकास—॥/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 Tok 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 जावें एवं इस के बिन्दु संख्या—9 में वित्तीय प्रावधान फोरमुला—1 व फोरमुला—2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावें।	तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कर दिया गया है एवं इस के बिन्द संख्या—a में
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 चैक संख्या 00245671 राशि 57,07,000/— RPACS के खाता संख्या 61087162999





आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव / टाईगर रिजर्व या सेन्चूरी नहीं होने का पत्र उप वन संरक्षक, चित्ताौड़गढ़ 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 चित्तौडगढ़ के पत्र क्रमांक 2909 दिनांक 22.4.2021 प्रेषित किया गया हैं प्रति संलग्न है।

संलग्न :- उपरोक्तानुसार

(सुगना रोम जाट) उप वन संरक्षक,

चित्तौडगढ

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।

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

(सुगना राम जाट) उप वन संरक्षक, चित्तौडगढ





Phone : +91-1477-220098, 220087 Fax : +91-1477-220027, 220049

E-mail: jkc.nbh@jkcement.com
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J.K. Cement Works

Kailash Nagar - 312617, Nimbahera

Distt. Chittorgarh (Raj.) INDIA
CIN: L17229UP1994PLC017199

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

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 pallipesI*) 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), Maliakhera Limestone Mine (ML No.04/2003), Mangrol-Tilakhera 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 dully authenticated by DFO.

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



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

- J. K. Cement Works, Nimbahera
- J. K. Cement Works Mangrol
- J. K. Cement Works, Gotan
- J. K. Cement Works, Jharli
- J. K. Power, Bamania
- J. K. Cement Works, Muddapur
- J. K. White Cement Works, Gotan
- J. K. White, Katni









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 I ISO 14001:2015 I ISO 45001:2018 I ISO 50001:2018 CERTIFIED COMPANY

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 Nimhahera, Mangrol (Raj.)

Enclosed as above

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

1-07-2021





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





राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, विलोडगढ़-312001:Ph&Fax:01472-294001;email: dcf.chitor.forest@rajasthan.gov.in)
क्रमांक :- एफ ()सर्वे/उवस/2021-22/3252 दिनांक :-/0·6·202)

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

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 (Cains hupus 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—॥ / 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 आक्षेपो 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 रू. का 20% राशि RPACS में जमा करवाया जाना सुनिश्चित करें। आपकी सुविधा हेतु खाता संख्या विवरण के लिए प्रांसगिक 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-मेलः cwlw.raj@gmail.com

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

दिनांक: 4-01-2-21

निमित्त.

सम्भागीय मुख्य वन संरक्षक, उदयप्र।

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/gyps bengaliensis) proposed by J.K. Cement works Nimbahera, J.K. Cement Works Mangrol Ahirpura Limestone Mine, Mangrol Limestone Mine and Mangrol-Tilakhera 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 मे।

महोदय.

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

1. पर्यावरण एवं जलवायु परिवर्तन मंत्रालय केन्द्र सरकार/राज्य सरकार द्वारा जारी Tok पत्र की प्रति संलग्न कर प्रस्तूत करें।

2. एनेक्सर-1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कराया जावें एवं इस के बिन्दु संख्या–9 में वित्तीय प्रावधान फोरमूला–1 व फोरमूला–2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावें।

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 सेन्च्री नहीं होने का पत्र उप वन संरक्षक, चित्तौडगढ़ के द्वारा जारी कर WCP में संलग्न करें।

उपरोक्तानुसार पालना के पश्चात स्वीकृति जारी की जायेगी।

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

(एम.एल. मीना) प्रधान मुख्य वन संरक्षक एवं मुख्य

वन्यजीव प्रतिपालक, राजस्थान, जयपूर

क्रमांक : एफ.11(419)विकास-II / मुवजीप्र / 2020-21 / दिनांक : प्रतिलिपि : निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेत् प्रेषित है :--

1. उप वन संरक्षक, चित्तौडगढ।

2. Unit Head M/s J.K. Cement works Nimbahera, District-Chittorgarh (Raj.).

📏 प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, राजस्थान, जयपूर

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, YEAR 2021
LIMESTONE MINE, KARUNDA LIMESTONE MINE, WALIAKHERA LIMESTONE MINE, WANGROL THAKHERA LIMESTONE MINE, YEAR 2021

		Year	Vise Fur	Year Wise Fund Allocation (in Lakhs)	tion (in	Lakhs)						40
S.No	Activities	1st	2nd	314	4 th	5th	eth	7th	8th	9th	10th	Cla
-	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.)	shelter	, Mover	nent etc) and m	easures	to redu	ce/minin	ize the l	numan-ai	nimal con	flict (50%
	Control or the control of the contro								-			
1a	Plantation including maintenanace in forest area and			i				e ⁽¹⁾				
	buffer zone in consultation with DFO Chittorgarh suitable	ī	2	Ŋ	7		10	10	15	15	14.67	88.67
	for peafowl and other birds											
1b	Rejuvenation of existing water bodies in forest area	1	2	5	5	9	9	9	7	7	7	45
÷	Awareness and extension (Forest staff will also be invited for various activities to ensure Participation)10 % of	or vario	us activi	ties to e	nsure Pa	articipat	ion)10 %		total outlay of WCP	of WCP =	= 28.53 lacs	()
2a	Provision of Awareness and educational programme for											
	wildlife, biodiversity significance at school level, village		c	۲	r	c	- 0	0	_	_	7 7	29 52
	level and Gram Panchayat level in consultation of forest	1	7	٧	٧	n "	n	n	1	t	ţ.,,	200
	department.											
ന	Support for Forest Department for monitoring, rescue & rehabilitation of wildlife Veterinary care, animal health, rescue, tools and equipment etc. (10	habilita	tion of	wildlife	Veterina	ıry care,	animal	health, 1	escue, to	ools and	equipmer	t etc. (10
	% of total outlay of WCP = 28.53 lacs)											
3a	Provision for necessary Veterinary medicine and rescue		c	0	,	r	K	cr	4	4	5 54	20,53
	etc		7	1	1	ו	1)	-	•	2	
작	Contribution towards conservation of wildlife in Pas (to be deposited in RPACS) Wetland Development, Research & Monitoring -	e depo	sited in	RPACS)	Wetlan	d Develo	opment,	Researc	h & Moi	nitoring -	- Wildlife,	Wildlife, census of
	wildlife etc (10 % of total outlay of WCP = 28.53 lacs)											
4a	Provision for Reseach and monitoring etc.	28.53	ı.	E	É	Ē	ı	ı	1	1		28.53
5	Administration Cost for processing inspection etc (to be deposited in RPACS) (10 % of total outlay of WCP	posited	in RPAC	s) (10 %	of tota	loutlay	of WCP	= 28.53 lacs)	acs)			
5a	Administration Cost for processing inspection etc	28.53	1	1	,	2	3	ı	1	1	1	28.53
9	Miscellaneous including Eco-Development and capacity building (10 % of	Iding (1		total outlay of WCP =	lay of W	CP = 28	28.53 lacs)					
6a	Miscellaneous including Eco-Development and capacity		٥	2	,	r	r	7	7	A	5 54	28.53
	building		7	7	7	י	2	1	-	r		
	TOTAL FOR WCP FOR TOR PROJECTS	57.06	9	16	18	22	25	25	34	34	38.29	285,35

ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

उप वन सरक्षाक चित्तीड्रगढ़

ement LTD

Nimbahara,

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 TRANSFEPRINCIPAL CHIEF IDIBR52021062823940774	00245671	5707000.00

R.B.M. TRIPATHI
UNIT HEAD
J. K. Gement Works
Nimbahera, Manggot (Mai.)

कार्यालय उप वन संरक्षक, वन्यजीव, चितौड़गढ़

Phone No. 01472-244915.

E-mail ID - dcfwlchittorgarh@gmail.com

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

विनांक:

निमित्

उप वन संरक्षक चितौडगढ

िषय :- Request for approval of combined wildlife conservation plan for Scheduled-I species Viz, Indian Peafowl (Pavo cristatus) & Panther (Panthra Pardus fusca), Rusty-spetted cat (Prionailurus rubiginosus), Indian wolf (Cains 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 कमांक 2050 दिनांक 01.04.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गतं प्रासंगिक पत्र के कम में निवेदन हैं कि प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक राजस्थान जयपुर के पत्रांक एफ 11(419)विकास—॥/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 प्लान्ट 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

प (डॉ. टी. मोहनराज) उप वन संरक्षक

वन्यजीव, चितौडगढ़

क्रमांक :एफ() सर्वे / उवसं / वजी / 2020–21 / २९ । दिनांक : २२ ०५ -२०३ / प्रतिलिपि : मैसर्स जे.के. सीमेन्ट वर्क्स,कैलाश नगर, निम्बाहेड़ा, जिला–चितौडगढ़ को सूचनार्थ प्रेषित है।

> (डॉ. टी. महिनराज) उप वन संरक्षक वन्यजीव, चितौडगढ़

Value Date: 28/06/2021	
Amount 5707000.00	INR .
Related Ref.No:	Commission 0
Beneficiary Details	Remitting Customer Details
Beneficiary A/C: 61087162999	Account Number: 00000021411544392
Benef. Name And Address:	Remitter's Name And Address:
PRINCIPAL CHIEF CONSERVATOR OF	
FORESTS WILD LIFE	J K CEMENT LTD
	KAMLA TOWER
	KANPUR Kanpur M Corp O
Beneficiary bank/branch	Sender's To Receiver Information
IFSC Code: SBIN0031510	
Details of Payment:	
RTGS	
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	Sender IFSC Code IDIB000N598
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(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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Office: E-65, Chitranjan Marg, C-Scheme, Jaipur - 302001, Rajasthan Phone: +91 6377210064, 9414077379, Website: www.teamtesthouse.com Email: team.bdhead@gmail.com

Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com, Email: marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502521400001679	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	20-06-2021
Point of Collection :	3-10 Meter Distance Form Drilling Point of Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

DECLII TO

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]	15.84	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	438.5	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	3.15	IS 5182 (Part 2): 2001 RA 2017	80.00

Notes :-

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

Authorized Signatory

(Report No: TC502521400001679)







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

Report No./ULR No. :	TC502521400001681	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng :	21-06-2021
Point of Collection :	Near Loading point of Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
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]	19.88	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	438.22	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.32	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.

Puran Mal Yogi Senior Analyst

Raiesh Maheshwan

(Report No: TC502521400001681)



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



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Laboratory: G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan Phone: +91 9460222039, 9460222049, Email: director@teamtesthouse.com, Email: marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502521400002829	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitori ng:	18-09-2021
Point of Collection	Near Loading point of Mangrol 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

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.45	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	440.61	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.38	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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

Rajesh Maheshwan **Authorized Signatory**

(Report No: TC502521400002829)



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TEST REPORT

Report No./ULR No.:	TC502521600001188	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitori ng :	21-06-2021
Point of Collection :	Towards Factory Gate, Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
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)]	62.0	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	53.6	IS 9989	65

Notes :-

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Senior Analystal Yogi

Authorized Signatory

(Report No: TC502521600001188)





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TEST REPORT

Report No./ULR No. :	TC502521600001189	Date :	05-07-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitori ng :	21-06-2021
Point of Collection	Near Ravana Office ,Mangrol Mine	Date of Receipt :	24-06-2021
Date of Test/Analysis :	24-06-2021 to 05-07-2021	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	63.9	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	54.0	IS 9989	70

Notes :-

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Puran Mal Yogi Senior Analystal Yogi

Authorized Signatory

(Report No: TC502521600001189)



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TEST REPORT

Report No./ULR No. :	TC502521600002030	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitori ng :	18-09-2021
Point of Collection	Towards Factory Gate, Mangrol 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)]	58.6	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	50.4	IS 9989	65

Notes :-

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Pur have yet You

Senior Analyst

Rajesh Wiaheshwan

Authorized Signatory

(Report No: TC502521600002030)



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TEST REPORT

Report No./ULR No. :	TC502521600002031	Date :	22-10-2021
Issued To :	M/S Mangrol Limestone Mine (ML No26/08) C/o J. K. Cement Works Tehsil- Nimbahera,, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitori ng :	18-09-2021
Point of Collection	Near Ravana Office ,Mangrol 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

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	55.8	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	46.2	IS 9989	65

Notes :-

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Senior Analyst

Authorized Signatory

(Report No: TC502521600002031)