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DCL:MoEFRO:EC/2024/PQC/ENV/17

10.05.2024

To

The Inspector General of Forests,
Ministry of Environment, Forest & Climate Change,
IRO-Hyderabad,
3rd Floor, Aranya Bhavan,
Opp:RBI,Saifabad,Hyderabad
Telangana- 500004
iro.hyderabad-moefcc@gov.in

Sub: Submission Status of Compliance for the period "October-2023 to March-2024"

Ref: MoEF No. J-11015/375/2015-IA II (M) Dated 05.01.2017.

Dear Sir,

We are here with enclosing the Status of compliance to Environmental Clearance accorded by Ministry of Environment and Forest Climate Change, vide MoEF No.J-11015/375/2015-IA II(M) dated 05.01.2017 to Deccan Cements Limited, for Bhavanipuram Limestone Mine-3 (183.11 Ha) for enhanced capacity 2.3 MTPA along with enclosures Same shall be uploaded in the Deccan Cements web site.

We will be pleased furnished any other information as desired by you.

Thanking you,

Your's faithfully

For M/s Deccan Cements Limited

Authorized Signatory

cc to: HO, TSPCB, Hyderabad



REGD. OFFICE: 6-3-666/B, "Deccan Chambers", Somajiguda, Hyderabad - 500 082. Phone: +91 (40) 23310168, 23310552, 23310561, 23310599 Fax: +91 40 23318366

Status of Environmental Clearances received from MOEF vide MoEF No.J-11015/375/2015-IA II (M) dated 05.01.2017 Bhavanipuram Limestone Mine-3(183.11 Ha), as on March'2024.

- 1. Compliance reports are enclosed herewith for all the conditions stipulated by MoEF.
- 2. Next report will be sent in December'2024.

A. Special Conditions

S.No	Conditions	Compliance
1	The project proponent may ensure the finalization of surface rights of agriculture land and change of land use certificate from the competent Authority ,before starting mining operations as required under law .	The total mining area is under reserve forest and covered by the conditions of the Forests (Conservation) Act 1980. Forest clearance has been obtained vide MoEF letter Dated 21. Feb 2012.
2	The project proponent shall obtain Consent to Operate from state pollution control board Telangana State and effectively implement all the Conditions stipulated therein.	Consent for operation is obtained from State Pollution control board Vide Order No. No:220523588038 dated 02.07.2022
3	Cumulative impact assessment for air quality shall be carried out and the report shall be submitted along with implementaion plan of the suggested mitigation measures to Regional Office of MoEF with in one year	Report submitted to RO Chennai in July 2018
4	The project proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and records maintained; also,Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smokers, etc. shall be undertaken once in six months and necessary remedial /preventive measures taken accordingly. Reccomendations of National Institute for Labour for ensuring good Occupational Environment for mine workers would also be adopted; All the old age people of the surrounding villages may be provided medical facilities.	Noted and periodical medical checkup of workers have been carried out in the project once in a year.
5	Transport of minerals shall be done either by dedicated road or it should ensured that the trucks/dumpers carrying the mineral should not be allowed to pass through the villages. The Project Proponent shall ensure that the road may not be damaged due to transportation of the minerals will be as per IRC Guidelines with respective to complying with traffic congestion and desity	Complied as "No village road encountered in the mining operation or mineral transportation".
6	Implementation of Action Plan on the issues raised during the Public Hearing. The Proponent shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing.	Noted and will be complied as per the action plan.
7	The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly . Vehicles with PUCC only will be allowed to ply . The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the minerals shall not be	All vehicles deployed in mining operation are having valid permit as per Central Motor Vehicle Rules, 1989 and its amendments and are plying under proper supervision. Care has been taken to avoid over loading of ore during transportation, PUC certificate also provided

	overloaded. Project should obtain PUC certificate for all	
	the vehicles from authorized pollution testing centre.	
8	The project proponent shall ensure the safegaurd and	Noted and medical checks will be carried out.
	wellbeing of villagers and school, regular health	Compliance reports will be submitted to RO
	monitoring of all residents in the area and the compliance	
	Reports shall be submitted to the regional Office of the	
	Ministry	

B. Standard Conditions

S. No	Conditions	Compliance
1.	A Final Mine closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of the Final mine closure for approval.	Noted and will be addressed at the appropriate time.
2	No Change in mining technolagy and scope of working should be made with out prior approval of the Ministry of Environment, Forest and Climate Change.	Noted and will be followed
3	No Change in the calender plan including excavation , quantum of mineral and waste should be made	Noted and will be followed
4	The project proponent shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (Surface water and ground water) for the project.	
5	Mining shall be carried out as per provisions outlined in mining plan approved by Indian Bureau of Mines (IBM) State Mines & Geology Department as well as by abiding to the guidelines of Director General Mines Safety (DGMS)	Necessary permissions obtained from DGMS, IBM and Mining plan is approved
6	The lands which are not owned by proponent, mining will be carried out only after obtaining the consents from all the concerned land owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957	The total mining area is under reserve forest and covered by the conditions of the Forests (Conservation) Act 1980. Forest clearance has been obtained vide MoEF letter Dated 13.9.2013
7	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.	Report of Digital processing of the entire lease area using remote sensing technique submitted to the Regional Office, Ministry of Environment, Forest and Climate Change in 2018 and 2021.
8	The critical parameters as per the Notification 2009 such as PM ₁₀ , PM _{2.5} ,NOx and SOx etc. in the ambitent air with in the impact zone , peak particle velocity at 300m distance or within the nearst habitation , whichever is closer shall be monitored periodically. For that, quality of discharged water shall also be monitor [(TDS,DO,PH and Total Suspended Solides (TSS)]. The monitored data shall be uploaded on the web site of the company as well as displayed on adisplay board at the project site at a suitable location near main gate of the company in public domine. The Circular No-J 20012/1/2006-IA-II(M) dated 27.05.2009 issued by Ministry of Environment , Forest and Climate Change shall also be referred in this regard for its compliance .	Critical parameters of ambient air quality are continuously displayed at main gate. "Digital Display at the Main Gate for Continuous Ambient air quality & Continuous Stack emission data is provided" at Factory Main Gate for public domain.
9	The Proponent shall install online Ambient Air Quality Monitoring System and there should be System for display of digital AAQ data with in 03 months at least three locationa as per the wind directions	Noted and will be complied, The continuous online Ambient Air Quality monitoring systems are installed

	. Online provisions of P ^H and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made . Project Proponent should display the result digitally in front of the Gate of the mine site .	as per wind directions and Digital Display Board provided at main gate of the factory for all the said locations
10	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high level of PM ₁₀ and PM _{2.5} such as haul roads , loading and unloading points and transfer points . Fugitive dust emmisions from all the source shall be controlled regularly .It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended fromtime to time by the Central Pollution Control Board .	Noted and We have engaged M/s. Lawn Enviro Associates for monitoring of Ambient Air Quality data and we are well within the norms as stipulated by the CPCB. Details enclosed in Annexure-I We have already taken measures to minimize the fugitive dust emissions like sprinkling of water on roads, Wet Drilling is adopted to control the fugitive emissions.
11	Regular Monitoring of Ground Water levels and quality shall be carried out in and around the mine lease by establishing a net work of exixsting wells and constructing new pizometers during the mining operation. The project proponent shall ensure that no natural water course and /or water resources shall be obstructed due to any mining operations. The monitoring shall be carried out four times in a year – pre monsoon(April-May), monsoon (August), post –monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MOEF&CC and Regional office, Central Ground Water Authority and Regional Director, Central Ground Water Board	Ground water is not encountered in the mine pit. However every quarter we are monitoring the ground water quality as well as levels at 4 locations in mine lease area. The monitored data is being submitted to MoEF in evrey 6 monthly EC compliance.
12	Regular Monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be distrubed. The water Table should be nurtured so as not to go below the pre mining period. In case of any water scarcity in the area, The Project Proponent has to provide water to the villagres for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated toascertain the impact of mining over ground water table	No Springs and perennial nallahs encountered or flowing through the mine lease. We are providing water to the nearby villages during the peak summer
13	Regular monitoring of water quality upstream and down stream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution control Board and Central pollution Control Board.	Not applicable
14	Transport of minerals by road passing through the village shall not be allowed, a 'bypass' road should be constructed (Say, leaving a gap of at least 200meters) from the purpose of transportation of the minerals so that the impact of sound, dust and accident could be mitigated. The project proponent shall bear the cost towards the widening and strengthing of existing public road network in case the same is proposed to be used for the project. No road movement should be allowed on existing village road network with out appropriately increasing the carrying capacity of such roads	Not applicable

15	The illumination and sound at night at the project sites distrub the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not distrubed; by orienting the floodlights/masks away from the villages and keeping the noise levels well within the prescribed limits for Day /Night hours	Noted. No mining operations are carried out during the night time and we operate only as per the IBM approved plan.
16	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. Crusher and material transfer points should invariably be provided with Bag filter and dry fogging system, belt-conveyors should be fully covered to avoid air borne dust;	Complied. We have provided permanent water sprinklers along main haul road. Water Tanker (12 KL Capacity) is used for wetting other roads
17	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer point should invariably be provided with Bag filter and dry fogging system, belt-conveyors should be fully covered to avoid air borne dust; Use of effective sprinkling system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	Complied. We have provided permanent water sprinklers along main haul road. Water Tanker (12 KL Capacity) is used for wetting other roads.
18	Suifficient number of Gullies to be provided for the better management of water Regular Monitoring of PH shall be included in the monitoring plan and reports shall be submitted to the Ministry of Environment, Forest & climate Change and its Regional Office on Six monthly basis.	Noted and will be complied
19	There shall be planning, development and implementing facility of rain water harvesting measures on long term basis and implementation of conservation measures to augment of ground water resources in the area in consultation with Central Ground Water Board.	Noted and implemented
20	The project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling / levelling with help of dozers/Compactors	Not applicable as no dump is maintained as mineral is outcropped
21	The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouragred and species are so chosen that the slope, bottom of the dumps and the top of dumps are able to suatain these species. The aspest of the dump is also a factor which regulates some climatic parameters and allows only speices adoted micro climate.	Not applicable as no waste is generated and no dump is formed.

22	The top soil, if any shall temporarily be stored at earmarked sites(s)	The lime stone is outcropped. Soil
	only and it should not be kept unutilized for long. The top soil shall	available in small pockets and the same
	be used for land reclamation and plantation. The over burden (OB)	is used for plantation.
	generated during the mining operations shall be stacked at	
	earmarked dump site(s) only and it should not be kept active for a	
	long period of time. The maximum height of the dumps shall not	
	exceed 8m and width 20m and overall slope of the dumps shall be	
	maintained to 45°. The OB dumps should be scientifically vegetaed	
	with suitable native species to prevent erosion and surface run offf.	
	In critical areas, use of geo textiles shall be undertaken for	
	stabilization of the dump. The entire excavated area shall be	
	backfilled and afforested. Mointoring and management of	
	rehabilitated areas should continue until the vegetation becomes	
	self-sustaining. Compliance status shall be submitted to the	
	Ministryof environment, forest and climate change and its regional	
	office on six monthly basis.	
23	Catch drains and siltation ponds of appropriate size shall be	Two check Dams constructed.
	constructed around the mine working mineral and OB dumps to	
	prevent run off of water and flow of sediments directly into the	
	river and other water bodies. The water so collected should be	
	utilised for watering the mines area, roads, green belt development	
	etc. The drains shall be regularly desilted particularly after	
	monsoon and maintained properly. The drains settling tanks and	
	check dams of appropriate size, gradient and length shall be	
	constructed both around the mine pit and over burden dumps to	
	prevent run off of water and flow of sediments directly into the	
	river and other water bodies and sump capacity should bee	
	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 settling of silt material.	
	Sedimentation pits shall be constructed at the corners of the garland	
	drains and desilted at regular intervals.	
24	Plantation shall be raised in a 7.5m wide range green belt in the	Complied. About 913 saplings planted in
24	safety zone around the mining lease, backfilled and reclaimed area,	an area of 0.3652 Ha between
	,	01.10.2023 ti 31.03.2024. Cumulative of
	around water body, along the roads etc. by planning the native	
	species in consultation with the local DFO/ Agriculture department	around 21,010 saplings planted in an
	and as per CPCB gudelines. The density of the trees should be	area of 8.42 Ha from the beginning.
	around 2500 plants per ha. Green belt shall be completed with in	
	first five years.	
25	Project proponent shall follow the mitigation measures provided in	Noted and complied
	office memorandum No. Z-11013/57/2014-IA-II (M), Dated 29th	
	october, 2014, titled "impact of mining activites on Habitations-	
	Issues related to the mining projects where in habitations and	
	villages are the part of mine lease areas or Habitations and villages	
	are surrounded by the mine lease area".	
26	The project proponent shall make necessary alternative	Not applicable as the land comes under
20	arrangements, where required, in consultation with the state	reserve forest.
	government to provide alternate areas for live stock grazing, if any.	And we have handed over the
1	In this context, Project proponent should implement the directions	compensatory land to Forest department
, I	or the Henrikle Nilmanne Liellat with account to consuming another	
	of the Hon'ble Supreme Court with regard to acquiring grazing land. The Sparse trees on such grazing ground, which provide mid	

	day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees be promoted.	
27	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endanged fauna, if any, spotted in the study area. Action plan for conservation	Noted and protective measures as suggested by the Telangana Forest Department are implemented.
	of flora and fauna shall be prepared and implemented in consultation with the State forest and Wildlife Department. A copy of action plan shall be submitted to the ministry of Environment,	
20	forest and climatic change and its Regional Office	N-4-441:-4
28	At least 2.5% of the total cost of the project shall be earmarked towards the enterprise social commitment (ESC) based on local needs and action plan with financial and physical breakup / details shall be prepared and submitted to the ministry's regional office at Chandigarh. Implementation of such program shall be ensured accordingly in a time bound manner.	Noted and complied
29	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	N A
30	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.	Noted & Complied
31	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 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	Complied
32	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided wih adequate training and information on safety and health aspects.	Complied
33	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.	Complied Annexure-A
34	The funds earmarked for environment 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 and its Regional Office.	Noted, will be Complied
35	The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Complied
36	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.	Noted and will be implemented
37	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full	Noted and accepted

	cooperation to the Officer (S) of the Regional Office by furnishing	
	the requisite data / information / monitoring reports.	
38	A copy of clearance letter will be marked to concerned panchyat /	Complied
	Local NGO, if any from whom suggestion / representation has been	
	received while processing the Proposal.	
39	State Pollution Control Board should display a copy of the	Complied
	clearance letter at the Regional office, District industry centre and	
	collector's office/ Tehsildar's Officer for 30 days.	
40	The project authorities should advertise at least in two local	Complied
	newspapers widely circulated, one of which shall be in the	"copies" of the news paper is already
	vernacular language of the locality concerned, within 7 days of the	submitted"
	clearance letter informing that the project has been accorded	
	environmental clearance and a copy of the clearance letter is	
	available eith the State Pollution Control Board and also at website	
	of the Ministry of environment, Forest and climate change at	
	www.environmentclearance.nic.in and copy of the Sme should be	
	forwarded to the Regional Office.	

Thanking you,

Your's faithfully

For M/s Deccan Cements Limited

Authorized Signatory

cc to: HO, TSPCB, Hyderabad

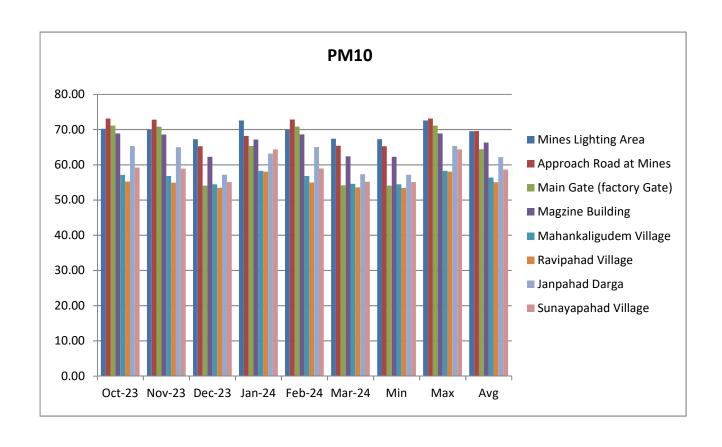
Annexure -A

Environment Management Cell as on 01.03.2024

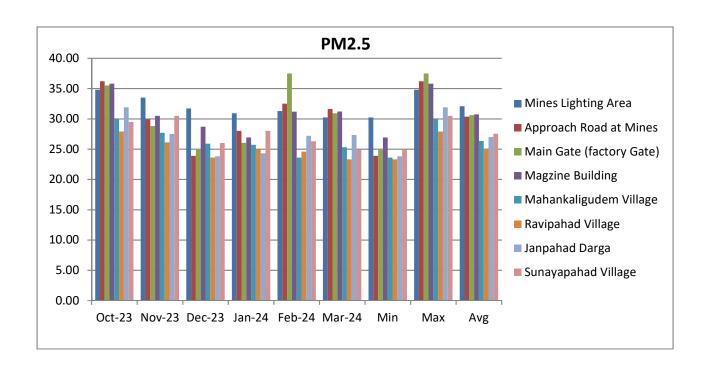
S. No.	Name	Designation	Role EMC
01	N.Srinivasa Raju	VP (Works)	Chairman
02	D.Kalyanachakravarthy GM (Mines)		Coordinator
03	KVL Narasimharao	DGM (P&Qc)	Organizer
04	V.Gopalakrishna	Chief Manager (CPP)	Member
05	M.Satish	Sr,Manager (PQC)	Member
06	A Rambabu	Asst.Manager	Member

ANNEXURE – I (AMBIENT AIR QUALITY DATA)

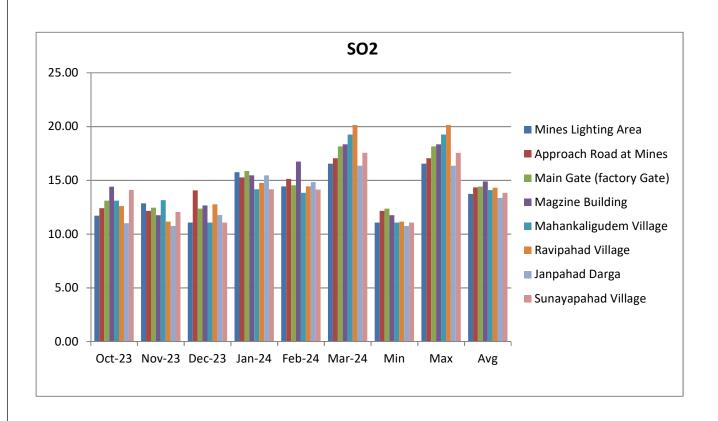
	PM10 (µg/M³) from October'2023 to March'2024										
S No	Location	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Min	Max	Avg	
1	Mines Lighting Area	70.20	69.88	67.26	72.55	69.92	67.38	67.26	72.55	69.53	
2	Approach Road at Mines	73.10	72.78	65.26	68.15	72.82	65.38	65.26	73.10	69.58	
3	Main Gate (factory Gate)	71.10	70.78	54.06	65.35	70.82	54.18	54.06	71.10	64.38	
4	Magzine Building	68.90	68.58	62.26	67.15	68.62	62.38	62.26	68.90	66.32	
5	Mahankaligudem Village	57.10	56.78	54.46	58.25	56.82	54.58	54.46	58.25	56.33	
6	Ravipahad Village	55.20	54.88	53.46	58.05	54.92	53.58	53.46	58.05	55.02	
7	Janpahad Darga	65.30	64.98	57.16	63.15	65.02	57.28	57.16	65.30	62.15	
8	Sunayapahad Village	59.20	58.88	55.06	64.35	58.92	55.18	55.06	64.35	58.60	



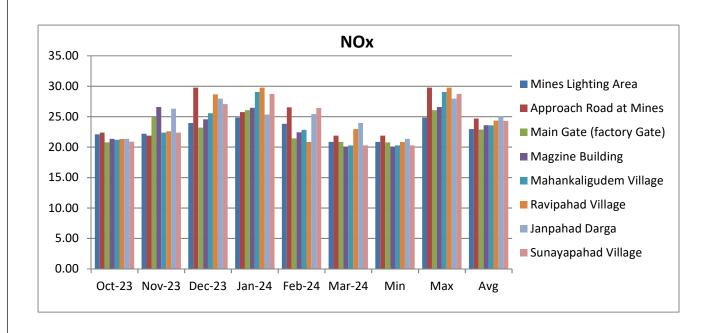
	PM 2.5 (μg/M³) from October'2023 to March'2024										
S No	Location	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Min	Max	Avg	
1	Mines Lighting Area	34.80	33.50	31.70	30.92	31.29	30.22	30.22	34.80	32.07	
2	Approach Road at Mines	36.20	29.90	23.90	28.02	32.49	31.62	23.90	36.20	30.36	
3	Main Gate (factory Gate)	35.50	28.80	24.90	26.02	37.49	30.92	24.90	37.49	30.61	
4	Magzine Building	35.80	30.50	28.70	26.92	31.19	31.22	26.92	35.80	30.72	
5	Mahankaligudem Village	29.90	27.70	25.90	25.72	23.59	25.32	23.59	29.90	26.36	
6	Ravipahad Village	27.90	26.10	23.60	24.92	24.59	23.32	23.32	27.90	25.07	
7	Janpahad Darga	31.90	27.50	23.80	24.32	27.19	27.32	23.80	31.90	27.01	
8	Sunayapahad Village	29.50	30.50	26.00	28.02	26.29	24.92	24.92	30.50	27.54	



	SO2 (µg/M³) from October'2023 to March'2024										
S No	Location	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Min	Max	Avg	
1	Mines Lighting Area	11.70	12.85	11.06	15.76	14.43	16.55	11.06	16.55	13.73	
2	Approach Road at Mines	12.40	12.15	14.06	15.26	15.13	17.05	12.15	17.05	14.34	
3	Main Gate (factory Gate)	13.10	12.45	12.36	15.86	14.53	18.15	12.36	18.15	14.41	
4	Magzine Building	14.40	11.75	12.66	15.46	16.73	18.35	11.75	18.35	14.89	
5	Mahankaligudem Village	13.10	13.15	11.06	14.16	13.83	19.25	11.06	19.25	14.09	
6	Ravipahad Village	12.60	11.15	12.76	14.76	14.43	20.15	11.15	20.15	14.31	
7	Janpahad Darga	11.00	10.75	11.76	15.46	14.83	16.35	10.75	16.35	13.36	
8	Sunayapahad Village	14.10	12.05	11.06	14.16	14.13	17.55	11.06	17.55	13.84	

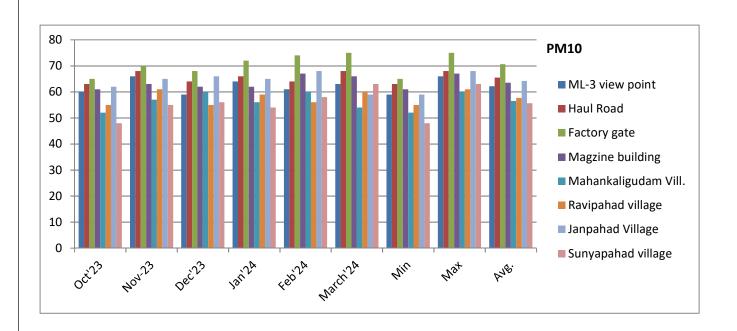


	NOx (µg/ M³) from October'2023 to March'2024										
S No	Location	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Min	Max	Avg	
1	Mines Lighting Area	22.08	22.18	23.95	24.84	23.82	20.86	20.86	24.84	22.96	
2	Approach Road at Mines	22.38	21.88	29.75	25.74	26.52	21.86	21.86	29.75	24.69	
3	Main Gate (factory Gate)	20.78	24.98	23.19	26.04	21.42	20.86	20.78	26.04	22.88	
4	Magzine Building	21.36	26.58	24.55	26.44	22.42	20.06	20.06	26.58	23.57	
5	Mahankaligudem Village	21.20	22.38	25.55	29.04	22.82	20.26	20.26	29.04	23.54	
6	Ravipahad Village	21.33	22.58	28.65	29.74	20.82	22.96	20.82	29.74	24.35	
7	Janpahad Darga	21.36	26.28	27.95	25.34	25.42	23.96	21.36	27.95	25.05	
8	Sunayapahad Village	20.88	22.38	27.05	28.74	26.42	20.26	20.26	28.74	24.29	

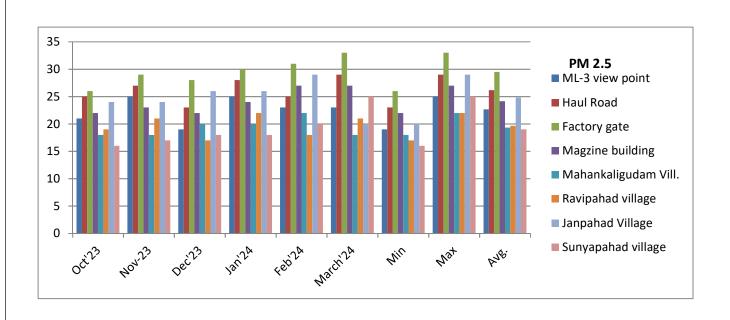


(Third Party Monitoring Reports)

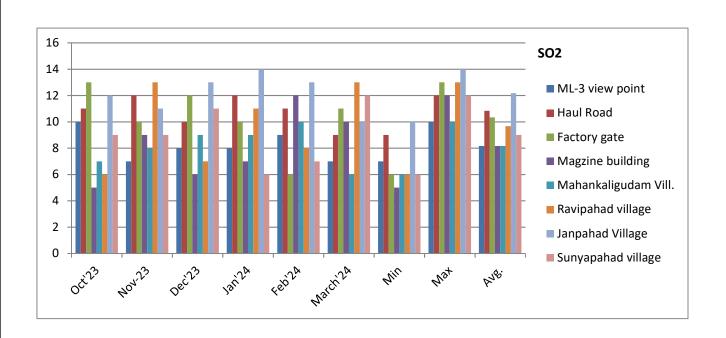
	PM 10										
S No	Location	Oct'23	Nov-23	Dec'23	Jan'24	Feb'24	March'24	Min	Max	Avg.	
1	ML-3 view point	60	66	59	64	61	63	59	66	62.2	
2	Haul Road	63	68	64	66	64	68	63	68	65.5	
3	Factory gate	65	70	68	72	74	75	65	75	70.7	
4	Magzine building	61	63	62	62	67	66	61	67	63.5	
5	Mahankaligudam Vill.	52	57	60	56	60	54	52	60	56.5	
6	Ravipahad village	55	61	55	59	56	60	55	61	57.7	
7	Janpahad Village	62	65	66	65	68	59	59	68	64.2	
8	Sunyapahad village	48	55	56	54	58	63	48	63	55.7	



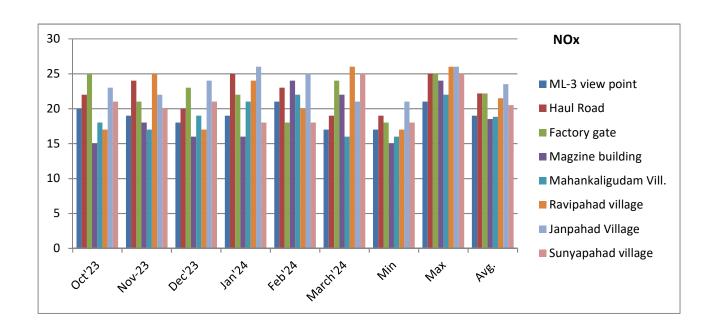
	PM 2.5										
S No	Location	Oct'23	Nov-23	Dec'23	Jan'24	Feb'24	March'24	Min	Max	Avg.	
1	ML-3 view point	21	25	19	25	23	23	19	25	22.7	
2	Haul Road	25	27	23	28	25	29	23	29	26.2	
3	Factory gate	26	29	28	30	31	33	26	33	29.5	
4	Magzine building	22	23	22	24	27	27	22	27	24.2	
5	Mahankaligudam Vill.	18	18	20	20	22	18	18	22	19.3	
6	Ravipahad village	19	21	17	22	18	21	17	22	19.7	
7	Janpahad Village	24	24	26	26	29	20	20	29	24.8	
8	Sunyapahad village	16	17	18	18	20	25	16	25	19.0	



				SO2						
S No	Location	Oct'23	Nov-23	Dec'23	Jan'24	Feb'24	March'24	Min	Max	Avg.
1	ML-3 view point	10	7	8	8	9	7	7	10	8.2
2	Haul Road	11	12	10	12	11	9	9	12	10.8
3	Factory gate	13	10	12	10	6	11	6	13	10.3
4	Magzine building	5	9	6	7	12	10	5	12	8.2
5	Mahankaligudam Vill.	7	8	9	9	10	6	6	10	8.2
6	Ravipahad village	6	13	7	11	8	13	6	13	9.7
7	Janpahad Village	12	11	13	14	13	10	10	14	12.2
8	Sunyapahad village	9	9	11	6	7	12	6	12	9.0



	Nox										
S No	Location	Oct'23	Nov-23	Dec'23	Jan'24	Feb'24	March'24	Min	Max	Avg.	
1	ML-3 view point	20	19	18	19	21	17	17	21	19.0	
2	Haul Road	22	24	20	25	23	19	19	25	22.2	
3	Factory gate	25	21	23	22	18	24	18	25	22.2	
4	Magzine building	15	18	16	16	24	22	15	24	18.5	
5	Mahankaligudam Vill.	18	17	19	21	22	16	16	22	18.8	
6	Ravipahad village	17	25	17	24	20	26	17	26	21.5	
7	Janpahad Village	23	22	24	26	25	21	21	26	23.5	
8	Sunyapahad village	21	20	21	18	18	25	18	25	20.5	





LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi & Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/DECCAN-M/2024

Date: 22-3-2024

AMBIENT AIR QUALITY DATA MONTH: March - 2024

Name of the Industry & :

M/s. DECCAN CEMENTS LTD.,

Address

BHAVANIPURAM LIMESTONE MINE-3,

Ravipahad (V), Palakeedu (M),

Suryapet (Dist).

SI.No	Date of Sample	Time duration	Location	Avg. Flow rate (m³/min)	PM ₁₀	PM _{2.5}	SO ₂ (µg/m³)	NOx (µg/m³)	CO (µg/m³)
1.	15-3-2024	24hrs	1. ML-3 View point	1.14	63	23	07	17	< 1
	CORE		2. Haul road	1.07	68	29	09	19	< 1
			3. Factory gate	1.09	75	33	11	24	< 1
			4. Magazine building	1.06	66	27	10	22	< 1
2.	16-3-2024	24hrs	1.Mahankaligudem Village	1.10	54	18	06	16	< 1
	BUFFER ZONE		2. Ravipahad Village	1.05	60	21	13	26	< 1
			3. Janpahad Durga	1.04	59	20	10	21	< 1
			4. Sunya Pahad Village	1.12	63	25	12	25	< 1
	-	LIMIT			<100	<60	<80	<80	<2000
	PRO1	TOCOL / ME	THOD		IS:5182 (Part-23); 2017/ Gravimet ric Method	IS:5182 (Part-24); 2019/ Gravimetric Method	IS:5182 (Part-2); 2018/ New West & Greake Method	IS:5182 (Part-6); 2017/Jacob & Hochheiser Method	IS:5182 (Part-10); 2019/ Method

- 1. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2461-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 2. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2161-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 3. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2464-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 4. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2465-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 1. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 16-I-623), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 2. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
- 3. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-J-750), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

4. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

AUTHORISED SIGNATORY

Head Office: "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel: 040-66730925, 66730926, Fax: 040-66730926 Branch Office: D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046.Tel: 9701505182

E-mail: lawnenviro@yahoo.co.in, Website: www.lawnenviro.com

1. POST MONSOON

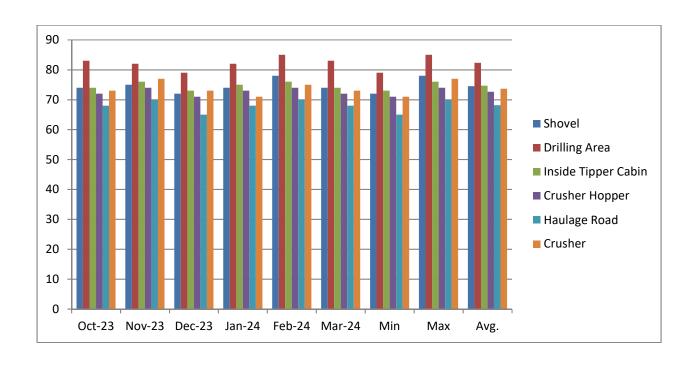
S.No.	Core Zone	Location	Well RL	Water Level RL
			(mtrs)	(mtrs)
1	GWM Well 1	North	72.75	49.12
2	GWM Well 2	East	71.00	46.45
3	GWM Well 3	South	64.15	63.55
4	GWM Well 4	West	68.15	56.55

2. WINTER

S.No.	Core Zone	Location	Well RL	Water Level RL
			(mtrs)	(mtrs)
1	GWM Well 1	North	72.75	49.21
2	GWM Well 2	East	71.00	46.53
3	GWM Well 3	South	64.15	62.15
4	GWM Well 4	West	68.15	53.95

ANNEXURE - III NOISE Levels (dB) Report

	Monthly Noise Level (dB) Report from OCT'2023 TO MARCH'2024											
SNo		Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Min	Max	Avg.		
1	Shovel	74	75	72	74	78	74	72	78	75		
2	Drilling Area	83	82	79	82	85	83	79	85	82		
3	Inside Tipper Cabin	74	76	73	75	76	74	73	76	75		
4	Crusher Hopper	72	74	71	73	74	72	71	74	73		
5	Haulage Road	68	70	65	68	70	68	65	70	68		
6	Crusher	73	77	73	71	75	73	71	77	74		



Third Party Monitoring Reports

	Ambient No	ise-Day time	
S No	Location	OCT-DEC'23	JAN-MAR'24
1	North-East	64	63
2	South-West	62	60
3	East-West	60	62
4	North-South	65	66
	Ambient Nois	e-Night Time	
S No	Location	OCT-DEC'23	JAN-MAR'24
1	North-East	59	58
2	South-West	57	55
3	East-West	55	57
4	North-South	60	61
	Work Zone No	ise -Day Time	
S No	Location	OCT-DEC'23	JAN-MAR'24
1	Near 470 Excavation	79	82
2	Near Drilling	82	84
3	Inside Dumper cabin	75	76
4	Near Crusher hopper	78	77
5	Near haul road	74	72



Address

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[Engineers & Consultants in Pollution Control]

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TEST REPORT

REF.NO: LAWN/DECCAN-M/2024

Date: 22-3-2024

AMBIENT NOISE LEVELS DATA

Name of the Industry & : M/s. DECCAN CEMENTS LTD.,

BHAVANIPURAM LIMESTONE MINE-3,

Ravipahad (V), Palakeedu (M),

Suryapet (Dist).

Location		Noise Lev	vels in dB (A)
		Day Time	Night Time
North – East side of boundary	:	63	58
South – West side of boundary	:	60	55
3. East – West side of boundary	:	62	57
4. North – South side of boundary	:	66	61

Note: 1. Noise levels are monitored on 15-3-2024.

- 2. Instrument make Lutron SL 4001 / G-49271, Calibrated On 21-02-2024, Due On 20-02-2025.
- 3. Day time is reckoned in between 6.0 a.m and 10.0 p.m.; Limit <75 dB (A).
- 4. Night time is reckoned in between 10.0 p.m and 6.0 a.m.; Limit <70 dB (A).

ALITHORISED SIGNATOR

Head Office: "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel: 040-66730925, 66730926, Fax: 040-66730926

Branch Office: D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046.Tel: 9701505182

E-mail: lawnenviro@yahoo.co.in, Website: www.lawnenviro.com



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TEST REPORT

REF.NO: LAWN/DECCAN-M/2024 Date: 22-3-2024

WORK AREA NOISE LEVEL DATA Name of the Industry &: M/s. DECCAN CEMENTS LTD., Address BHAVANIPURAM LIMESTONE MINE-3, Ravipahad (V), Palakeedu (M), Suryapet (Dist). Levels in dB (A) Location 1. Near 470 Excavation (At 5m distance) 2. Near Drill Working (At 5m distance) 76 3. Near Inside Dumper Cabin (At 5m distance) 77 4. Near Crusher Hopper (At 5m distance) 5. Near Haulage Road 72

Note: 1. Noise levels are monitored on 15-3-2024 at 8 hrs Exposure.

2. Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 21-02-2024, Due On 20-02-2025.

The noise Pollution (Regulation and Control) Rules, 2000
 Schedule, Rule 3(1) and 4(1), Section 7 – (IX) factories act – Limit <90 dB (A).

4. There are no Night operations i.e. beyond 10 p.m

AUTHORISED SIGNATORY

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Branch Office: D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046.Tel: 9701505182

E-mail: lawnenviro@yahoo.co.in, Website: www.lawnenviro.com

ANNEXURE – IV Mine Pit Water Consumption Details from OCTOBER'2023 to MARCH'2024

Month Year	Dust	Green belt	Domestic	Total	Water
	Suppression(KL)	water (KL)	Water(KL)	Consu	Consumption(KL/Da
				mption	y)
				(KL)	
October'2023	2790	118	83	2991	96.48
November'2023	2700	120	81	2901	96.70
December'2023	2976	125	78	3179	102.55
January'2024	2945	122	86	3153	101.71
February'2024	2910	123	88	3121	107.62
March'2024	2930	125	91	3146	101.48



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& Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/DECCAN-M/2024 Date: 22-3-2024

WATER TABLE DETAILS

Name of the Industry & :

Address

M/s. DECCAN CEMENTS LTD.,

BHAVANIPURAM LIMESTONE MINE-3,

Ravipahad (V), Palakeedu (M),

Suryapet (Dist).

Water table level with reference to existing ground level on 15-3-2024 in ML – 3 Water level is 17.40 m

AUTHORISED SIGNATORY

Head Office: "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel: 040-66730925, 66730926, Fax: 040-66730926

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E-mail: lawnenviro@yahoo.co.in, Website: www.lawnenviro.com



Haul Road wetting with water tanker

Wet Drilling at Mines



Automatic Water sprinklers at mines haul road for Dust Suppression



CAAQMS & OCEMS DIGITAL DISPLAY AT FACTORY MAIN GATE (Continuous Ambient Air Quality Data & Stack Emission Monitoring)



Plantation



Check Dams





Medical Camp









View Point





MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 269107-2018-AQ-IND-RvA Initial certification date:

Valid: 24 August 2021 – 23 August 2024

This is to certify that the management system of

Deccan Cements Limited

Bhavanipuram, Nereducherla, Miryalaguda – 508 218, Telangana, India and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard: ISO 9001:2015

This certificate is valid for the following scope: Manufacture of cement

Place and date: Chennai, 03 August 2021 For the issuing office: DNV - Business Assurance ROMA, No. 10, GST Road, Alandur, Chennai - 600 016, India









Sivadasan Madiyath Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnv.com/assurance



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 269103-2018-AE-IND-RvA Initial certification date: 24 August 2018

Valld: 24 August 2021 – 23 August 2024

This is to certify that the management system of

Deccan Cements Limited

Bhavanipuram, Nereducherla, Miryalaguda – 508 218, Telangana, India and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard: ISO 14001:2015

This certificate is valid for the following scope: Manufacture of cement

Place and date:

For the issuing office: DNV - Buciness Assurance ROMA, No. 10, GST Road, Alandur, Chennal - 800 018, India







Sivadasan Madiyath Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance B.V., Zwoiseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689, www.dnv.com/assurance B.V., Zwoiseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689, www.dnv.com/assurance



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 10000470417-MSC-RvA-IND Initial certification date: 24 August 2018 Valid: 24 August 2021 – 23 August 2024

This is to certify that the management system of

Deccan Cements Limited

Bhavanipuram, Nereducherla, Miryalaguda - 508218, Telangana, India and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard: ISO 45001:2018

This certificate is valid for the following scope: Manufacture of cement

Place and date: Barendrecht, 04 August 2021

DNV - Business Assurance Zwolseweg 1, 2994 LB Barendrecht







Erie Koek Management Representative

