

DCBL/MOEF/ Return/23-24/35

Date: 23.05.2024.

To
The Deputy Director
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Green House Complex
Gopal Reddy Road, Vijayawada -520010
AndhraPradesh

Dear Sir,

Sub: Furnishing the half yearly Environment Compliance Status – reg
Ref: EC No: J-11015/64/2008-1A-11(m).

We are here with Furnishing the half yearly Compliance Status of our
Nawabpet– Talamanchipatnam Limestone Mine of M/s Dalmia Cement (Bharat) Limited
Chinnakomerla (V & P), Mylavaram(Mandal), Kadapa (Dt) From October-2023 to March- 2024.

This is for your information and records please

Thanking you
Yours faithfully



(K. V. Suresh Reddy)

Mine Manager
NP-TP Limestone Mine of
M/s Dalmia cement (Bharat) Ltd
Chinnakomerla.

Dalmia Cement (Bharat) Limited

Chinnakomerla (Village), Mylavaram (Mandal), YSR (Kadapa), District, Andhra Pradesh - 516 433 India
t 08560 272 431 / 434 / 08560 272 420 / 421, www.dalmiacement.com, CIN : U65191TN1996PLC035963

Registered Office : Dalmiapuram, Dist, Tiruchirapalli, Tamil Nadu-621 651, India

A Dalmia Bharat Group company, www.dalmiabharat.com

MoEF Clearance Conditions – Compliance Status
Nawabpet-Talamanchipatnam Limestone Mines of
M/s Dalmia Cement (Bharat) Ltd
ECNo: J-11015/64/2008-1A-11(m).

A. SPECIFIC CONDITIONS:

S.No.	Specific conditions	Compliance status
i.	A comprehensive Conservation Plan for Wild Life shall be prepared and implemented in consultation with the Chief Wild Life Warden. Necessary fund for implementation of the same be separately allocated	<p>No Wild Life Sanctuary/ Reserved Forest within the 10 km of project area at the time of EC. No Schedule-I fauna found in the buffer zone. The same has also been confirmed by DFO, Proddatur Division, Kadapa after site inspection. Nearest Forest area of Pennar plantation VIII, compt. No 62 is about 9 km.</p> <p>We are submitted Application in Chief Wildlife Warden by 7th October- 2019.</p> <p>Wildlife conservation plan Approved by Chief Wildlife warden on 04.10.2021.</p>
ii.	Primary survey data of flora and fauna in the core and buffer zone and also authenticated list of the same shall be submitted to the Ministry within six months	<p>The primary data of flora and fauna in the core and buffer zone has been collected.</p> <p>List of flora & fauna found in the area is mentioned in the inspection report of Forest Range officer forwarded by DFO, Proddatur Division, Kadapa. The same is attached herewith as Annexure - I</p> <p>We are submitted Application in Chief Wildlife Warden by 7th October- 2019 in compliance of conditions no 1 & 2 by 7th October- 2019.</p> <p>Wildlife conservation plan Approved by Chief Wildlife warden on 04.10.2021.</p>
iii.	50m barrier no mining zones on both sides of the nallah (all along) shall be demarcated and the area shall be vegetated with thick native vegetation of different species	<p>Partially Complied</p> <p>A safety barrier of 50 m has been demarcated towards the mining site of</p>

S.No.	Specific conditions	Compliance status
		<p>the Nalla and no mining activities are proposed at the other side of Nalla. Other side of the Nalla till the lease boundary will remain undisturbed and villagers are continuing the agricultural practices.</p> <p>Plantation has been undertaken in part area along Nalla.</p> <p>We undertake to complete the plantation along the mining side of the Nalla (One Side) in the under progress.</p>
iv.	<p>Land-use pattern of the nearby villages shall be studied, including common property resources available for conversion into productive land. Action Plan for abatement and compensation for damage to agricultural land / common property land (if any) in the nearby villages, due to mining activity shall be submitted to the Regional Office of the Ministry within six months annual status of implementation of the plan and expenditure there on shall be reported to the regional of the ministry</p>	<p>Complied</p> <p>Land use pattern of the buffer zone (10 km from the mine boundary) has already been studied and submitted.</p> <p>No damage to the agricultural land / common property land reported due to mining operations.</p> <p>The Mining Operations are restricted to 203.29 ha currently as per the mining plan till 2028.</p> <p>DCBL is continuously doing efforts supporting the agricultural best practises in the surrounding areas with implementation of various activities under CSR such as implementation of Integrated Watershed Management Projects, facilities for availing consultations and advice from experts on best practices for improving productivity and to optimize requirement of fertilizers, water and manpower, information on market for the produce, Construction of Farm Ponds, Introduction & implementation of Drip-irrigation technology, Check</p>

S.No.	Specific conditions	Compliance status
		wall, Gabions, Trenches Dams etc.
v.	<p>Need based assessment of the nearby villages shall be conducted to study the economic measures which can help in upliftment of poor section of society. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs.</p>	<p>Socio Economic Survey has been conducted by the management. To assess the needs of the villagers and the identified needs are fulfilled through our organization CSR activities.</p> <p>As per the need-based assessment the M/s DCBL has been conducted the many skill development and community development programs. The details are attached separately in Annexure-2</p>
vi.	<p>Socio economic profile and rehabilitation action plan for families affected directly or indirectly due to mining shall be prepared for immediate implementation before starting mining and shall be submitted within six months to the regional office of the ministry</p>	<p>Complied</p> <p>There is no habitation within ML area hence no resettlement was required. Land price was fixed by the village development committee and was purchased through mutual agreement and terms & conditions.</p> <p>All Socio-Economic Survey conducted through a third-party M/s B.S. Envitech Pvt. Ltd. after EC and same regularly been conducted through participatory rural appraisal, stake holder's discussions etc.</p> <p>161 people of Nawabpet village alone have been employed in different roles as per their qualification & skills. Total 308 people have been provided employment as per the MOU with the Village Development Committee.</p>
vii.	<p>Water to be supplied for drinking purposes shall be treated to meet the prescribed standards. Monitoring of water quality for drinking shall be undertaken on daily basis</p>	<p>Complied</p> <p>The water is also being tested for potability in the government approved</p>

S.No.	Specific conditions	Compliance status
	especially for fluoride & arsenic and records maintained	<p>laboratories and kept the records readily available.</p> <p>It is found that fluoride and arsenic is well within the prescribed norms.</p> <p>Monthly we are measuring fluoride & arsenic values as the source of intake is same. Daily we are measuring-TDS & PH values</p>
viii.	Transportation of lime stone ore to the cement plant shall be through closed conveyor belt system	<p>Complied</p> <p>A closed belt conveyor of length 3 kms installed for transportation of limestone to plant.</p>
ix.	Rain Water Harvesting scheme shall be undertaken in consultation with the Regional Director, Central Ground Water Board and action plan for implementation of the scheme shall be submitted to the Regional Office of the Ministry, Central Ground Water Board and the state Govt. within six months	<p>Complied</p> <p>The rain water harvesting pit of capacity 20 lacks Cubic meter is made for collection of rain water which is used for ground water recharge. The rain water collected in Mine pit also pumped to water harvesting pit and also using for the plant process purposes. The rain water is also being harvested in the mine sump; nearly 20 lacks cubic meter capacity has been developed.</p> <p>Hydrogeology and Rain water harvesting study has been carried out and report was approved by CGWB and recommendations were implemented.</p>
x.	Water quality both for surface as well as ground water in the core zone shall be regularly monitored and records maintained. Water supplied for drinking shall be monitored on daily basis and records maintained. In case of contamination observed, measures for control and action taken shall be reported to State Government as well as the Regional	<p>Complied</p> <p>The mine water is not discharging to the surrounding surface water.</p> <p>Regular monitoring of Surface and ground water is being carried out and records are maintained. No contamination has been observed till date. However, in case any</p>

S.No.	Specific conditions	Compliance status
	<i>Office of the Ministry</i>	contamination is observed, measures will be taken and will be reported to State Government as well as the Regional Office of the Ministry.
xi.	Measures for prevention and control of soil erosion and management of silt shall be under taken protection of dumps against erosion shall carried out with geo textile matting or other suitable material and thick plantations of native trees and shrubs shall be carried out at the dumps slopes. Dumps shall be protected by retaining walls as there are eleven other mines which are contiguous to the subject mine, total silt load shall be assessed and measures for prevention and control of silt shall be submitted to the Regional office of the Ministry within six months.	<p>The dumping area is around 30.66 He and 49.32 lacks Cum of OB material dumped in the area.</p> <p>The dump yards are being stabilized by putting the dry pitching along the dump yard.</p> <p>The thick plantation on the top of the dump has been carried out to arrest the soil erosion. Detail measures adopted for stabilization of dump. Total Soil (OB: 49.32 lack Cum + Top Soil: 17.22 lack Cum = 66.54 lack Cum).</p>
xii.	Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies, adequate number of check dams and Gully plugs shall be constructed across seasonal /perennial nallahs flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.	<p>Being Complied</p> <p>Garland drains are made and water is channelized to mine pit. Check dams are also made at certain places to arrest flow of loose sediments with surface run offs.</p> <p>De-silting is carried out at regular intervals. The pure water is being used for mine & plant process purpose and greenbelt development. Since the area receives very low rainfall hence there is no requirement of huge settling ponds.</p> <p>Check dams, rock fill dams are provided in the seasonal Nala under water shed programmes.</p>
xiii.	Occupational health and safety measures for the worker including identification of work-related health hazards. Training on malaria	<p>Complied</p> <p>The required PPE is being provided to all</p>

S.No.	Specific conditions	Compliance status
	<p>education, HIV and health effects on exposure to mineral dust etc. shall be carried out the company shall engage a full-time qualified doctor who is trained in occupational health periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers shall be conducted and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal equipment's etc... shall be carried out periodically review of impact of various health measures under taken (at interval of five years or less) shall be conducted followed by flow of action wherever required</p>	<p>the mines employees. The training is also being conducted at regular intervals by the qualified doctors for creating more awareness on malaria, HIV and health effects due to the mining operations.</p> <p>Occupational health and safety measures are being taken and the company is having a full-fledged SHE policy and is being implemented by them. Initial medical examination conducted for all mines employees as per the standards specified in Form-0 and the medical reports are available in mines office and in dispensary. Dispensary provided with 4 beds with sufficient staff & a full time qualified doctor and infrastructure provided.</p> <p>Personnel exposure study is being conducted regularly and no adverse impact is noticed.</p>
xiv.	<p>Action taken report on issues raised and commitments made during public hearing shall be submitted to the regional office of the ministry and the state Govt. within six months after mining operation begins</p>	<p>The main issues are provision of employment, education and health facilities for local people.</p> <p>The DCBL management has provided the employment for 150 local people. The full-fledged dispensary has been provided and extends the medical facilities to the local people with free of cost.</p>
xv.	<p>Dust fall measurements shall be periodically carried out including particle size analysis in work zone area. Result shall be submitted to the regional office of the ministry and state</p>	<p>Complied</p> <p>Air born dust survey is being conducted on a monthly basis by High Volume Samplers. Effective Water Mist System</p>

S.No.	Specific conditions	Compliance status
	Govt.	during drilling & Dust Collector with cyclone type DCB filters arranged in drill Machine to suppress the dust. Water Tanker provided to suppress the dust over haulage road and loading points.
xvi.	Top soil/solid waste shall be stocked properly with proper slope and with adequate safe guards for prevention of erosion and shall be used for back filling for reclamations and rehabilitation of mined out area	<p>The top soil is being handled separately and covered on the top of the dump yards for greenery development on the dumps.</p> <p>Nearly 17.22 lac Cu M of top soil stored on the dump yards.</p> <p>Waste shall be used for backfilling of the excavated area with a 1m layer of top Soil.</p>
xvii.	Over burden shall be stocked at earmarked dump site(s) only and shall not be kept active for long period the maximum height of the dump shall not exceed 30m, each stage shall preferably be of 10m and overall slope of the dump shall not exceed 28°. The OB dumps shall be back filled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining compliance status shall be submitted to the ministry of Environment and Forest on six monthly basis	<p>Being Complied</p> <p>Overburden is being stocked as mentioned in Approved Mining plan & Mining Scheme and EIA/EMP and is being vegetated with suitable native species to prevent erosion.</p>
xviii.	Garland drains shall be constructed to arrest silt and sediment flow from soil and mineral dumps the water so collected shall be utilized for watering the mine area, roads green belt development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall	<p>Complied</p> <p>Garland drains are made and the water is channelized to the mine pit, check dams are also made in certain places, water is not allowed to move out of their mine lease.</p>

S.No.	Specific conditions	Compliance status
	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 shall also provide adequate retention period to allow proper settling of silt material sedimentation pits shall be constructed at corners of the garland drains and de-silted at regular intervals.	
xix.	Slope of the mining bench and ultimate pit limit shall be as per the mining scheme as approved by the Indian Bureau of mines	The slope of mining bench is being maintained as per the approved mining plan.
xx.	Drilling and blasting shall be conducted by using dust extractors /wet drilling	<p>Drilling: The drilling is being conducted with the help of latest ROC L6 drill machine, provided with wet drilling facility and dust collection system for effective dust controlling.</p> <p>Blasting: The deep hole blasting is being conducted by systematic and scientific manner with NON-Electrical initiation system approved by the DGMS. The blasting time is 1.30pm to 2.00pm and it is displayed at various places. The secondary blasting and its impacts have been completely eliminated by using the rock breaker. Ground vibration and noise is being monitored at each and every blast for minimizing the vibration and noise</p>
xxi.	<p>Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation.</p> <p>Plantation shall be raised in 86.55 ha around</p>	Plantation is done in the restored areas such as in back filled pits, office and site premises, besides mine road and around waste dumps. Permanent pipe line is provided for watering and they have necessary maintenance crew with water tanker for plantation works.

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	<p>the ML area, haul roads. OB dump sites etc.</p> <p>The density of the trees shall be not less than 2500 plants per ha.</p> <p>The company shall involve local people with the help of self-help group for plantation programme. Further the company shall practice poly culture plantation instead of monoculture of plant species. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Ministry within six months.</p>	<p>Till date, plantation has been done over an area 46.31 ha.</p> <p>We have planted nearly 142874 no's saplings starting from 2008 till now.</p> <p>The neem etc. plantation is being done in consultation with local DFO/Agriculture Dpt. Local Species are selected as desired and as recommended by them.</p>
xxii.	<p>Prior permission from the competent authority shall be obtained for extraction of ground water, if any.</p>	<p>Complied</p> <p>Obtained permission for abstraction of ground–water (78 KLD) from Central ground water Authority vide letter no PRR05-11028/12/2019-SLNA –GIS-CORD dated 30th Aug 2022.</p>
xxiii.	<p>Vehicles used for transportation of ores and other mining operation shall have valid permissions as prescribed under central motor vehicle Rules, 1989 and its amendments. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of ores. Transporting of ores shall be done covered with a tarpaulin or other suitable enclosures so that no dust particles/ fine matters escape during the course of transportation. No overloading of ores for transportation shall be undertaken</p>	<p>Complied</p> <p>We have taken following control measures to mitigate fugitive emissions:</p> <ul style="list-style-type: none"> • All vehicles plying in the mine are well maintained as per the OEM standards. The vehicles are being tested by the RTO approved agency and found that the emission levels are within the permissible limit. • The roads are being properly maintained by road compactor and regular water spraying is being done during work hours to prevent generation of dust from vehicular movement. • The vehicles are not over loaded and the speed is restricted from 20 to 25 Kmph

S.No.	Specific conditions	Compliance status
		<ul style="list-style-type: none"> • Flexible curtains and dry fog system is installed at crusher unloading area. • Transportation of limestone from crusher to cement plant is being carried out with the help of covered conveyor belt and crushed limestone is being stocked under the covered shed. <p>Bag filter has been fixed at each transfer point of conveyor belt.</p>
xxiv.	A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional Office of the Ministry of Environment & Forest.	<p>Noted for Compliance and Agreed Upon</p> <p>A final Mine Closure Plan, along with Corpus Fund will be submitted to the Regional office of the MOE&F, 5 years in advance of final closure for approval.</p>

B. GENERAL CONDITIONS: -

S.No.	General conditions	Compliance status
i.	No change in mining technology and scope of working shall be made without prior approval of the regional office of the Ministry of Environment & Forests.	<p>Noted for Compliance</p> <p>There will not be any change made in technology and scope of working without prior approval of the ministry</p>
ii.	No change in the calendar plan including excavation, quantum of mineral ore and waste shall be made	<p>Being maintained as per the approved Mining plan & scheme.</p>
iii.	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forest and wildlife department	<p>Being Complied</p> <p>The primary data of flora and fauna in the core and buffer zone has been collected.</p> <p>List of flora & fauna found in the area is mentioned in the inspection report of Forest Range officer forwarded by DFO, Proddatur Division, Kadapa. The same is</p>

S.No.	General conditions	Compliance status
		<p>attached herewith as Annexure - I</p> <p>We are submitted Application in Chief Wildlife Warden by 7th October- 2019 in compliance of conditions no 1 & 2 by 7th October- 2019.</p> <p>Wildlife conservation plan Approved by Chief Wildlife warden on 04.10.2021.</p>
iv.	<p>Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, So₂, NO_x monitoring Location of the station should be decided based on the meteorological data topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State pollution control Board.</p>	<p>Monitoring stations are fixed as per the guidance of the SPCB and being monitored regularly. 4 station established in core zone and 4 stations provided in buffer zone.</p>
v.	<p>Data on ambient air quality (RSPM, SPM, So₂, No_x) should be regularly submitted to the ministry including its Regional office located at Bangalore and the State Pollution Control Board /Central Pollution Control Board Once Six months.</p>	<p>Being submitted regularly. Data on ambient air quality (RSPM, SPM, SO₂, NO_x) attached as Annexure-3</p>
vi.	<p>Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.</p>	<p>Complied</p> <p>Covered belt conveyor is being used for transportation of limestone to plant. Dry Fog system has been installed at conveyor belt to arrest the fugitive emission. Effective Water Mist System during drilling & Dust Collector with cyclone type DCB filters arranged in drill Machine to suppress the dust. Water Tanker provided to suppress the dust over haulage road and loading points.</p>
vii.	<p>Measures shall be taken for control of noise levels below 85 dBA in the work environment workers engaged in operations of HEMM, etc. shall be provided with ear</p>	<p>Complied</p> <p>The noise levels are being maintained within the prescribed limits and all the necessary PPEs provided to the</p>

S.No.	General conditions	Compliance status
	plugs /muffs.	workmen. The HEMM provided with AC cabins for dust and noise proof for operators
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 19 th May,1993 and 31 ST December, 1993 or as amended from time to time .Oil and grease trap shall be installed before discharge of workshop effluents.	<p>Complied</p> <p>The waste water discharged from HEMM work shop is being collected in oil & water separator tanks. The treated water is being used for the dust suppression. The top layer of oil is being separately collected.</p>
ix.	Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	<p>Complied</p> <p>We have provided protective respiratory devices and adequate training and information on safety and health aspects are provided to our workers.</p> <p>Occupational health surveillance program of the workers is being undertaken periodically to observe any contractions due to exposure to dust.</p>
x.	A separate Environmental Management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.	<p>Complied</p> <p>Environment Management cell has been set up and is functioning under the control of a Senior Executive reporting directly to Unit Head.</p>
xi.	The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	<p>Complied</p> <p>The land development work had started on 24th July 2008.</p> <p>The date of financial closure of the project is 25th August 2008</p> <p>The production started from 10.12.2008</p>
xii.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure	<p>Complied and agrees to comply</p> <p>EMP costs are being kept in separate account and are not diverted for any</p>

S.No.	General conditions	Compliance status
	shall be reported to the Ministry and its Regional Office located at Bangalore.	other purposes.
xiii.	The project authorities shall inform the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	<p>Complied</p> <p>The land development work had started on 24th July 2008.</p> <p>The date of financial closure of the project is 25th August 2008</p> <p>The production started from 10.12.2008</p>
xiv.	The Regional office of the Ministry, Bangalore shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data /information /monitoring reports.	<p>Noted for Compliance</p> <p>Full cooperation being extended as and when the officers visit the project site.</p>
xv.	A copy of clearance letter will be marked to concerned panchayat /local NGO, if any, from whom suggestion /representation has been received while processing the proposal	Complied
xvi.	State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office /Tehsildar's office for 30 days.	Complied
xvii.	The project authorities shall advertise at least in two local newspapers widely circulated one of which shall be in the vernacular language of the locality concerned within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the state Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same shall be forwarded to the Regional Office of the Ministry located Bangalore.	<p>Complied</p> <p>Public notice has been published in Eenadu (Local) and Deccan Chronicle (English). Copies have already been submitted along with earlier compliance. The date of publication is on 25.04.2008.</p>

1

Government of Andhra Pradesh
Forest Department

From

Sri M Guru Prabhakar, SFS,
Divisional Forest Officer,
Proddatur (WL) Division.
YSR Kadapa District.

To

The Authorized Signatory
Dalmia Cement (Bharat) Ltd.
Chinnakomerla Village
Mylavaram Mandal.
YSR Kadapa District.

Rc. No. 364 / 2019 - P8, Dt. : 27-08-2019.

Sir,

Sub :- Forest Department - Dalmia Cement (Bharat) Ltd. - Expansion of Integrated Cement Plant (Clinker - 2.6 MTPA to 5.85 MTPA; Cement -2.5 MTPA to 6.56 MTPA; WHRS - 12 MW to 27 & Captive Lime Stone Mine) along with installation of Solar Power Plant by M/s Dalmia Cement (Bharat) Limited at Villages; Chinnakomerla & Dugganapalli, Mylavaram Mandal, YSR Kadapa District, Andhra Pradesh - - Regarding

Ref :- 1) Authorized Signatory, Dalmia Cement (Bharat) Ltd. Lr. No. Nil, Dated : Nil (Received in this office on 24-07-2019)
2) Forest Range Officer, Muddanur Rc. No. 65 / 2019, Dt. 16/08/2019

In response to your letter 1st cited, the report of the Forest Range Officer, Muddanur who has inspected the site pertaining to the user agency on 14-08-2019 is enclosed herewith for taking further action at your end.

Yours faithfully,

Encl. :- Copy of FRO letter (3 pages)
(Reference 2nd cited)

Sd/- M. Guru Prabhakar
Divisional Forest Officer
Proddatur (WL) Division

//T.C.B.O.//


Superintendent
27/8/19

GOVERNMENT OF ANDHRA PRADESH

FOREST DEPARTMENT

From

Sri S. Rama Mohan Reddy,
Forest Range Officer,
MUDDANUR.

To

The Divisional Forest Officer,
Wild Life Division,
PRODDATUR.

Rc.No. 65/2019 dated 16.08.2019

Sir,

Sub : Forest Department- Integrated Cement Plant and Captive Nawabpet, Talamanchipatnam Lime Stone Mine (ML area 407.05 Ha.) at villages; Chinnakomerla & Dugganapalli of Mylavaram Mandal, YSR Kadapa District, Andhra Pradesh by M/s Dalmia Cement (Bharat) Limited - Remarks/ observations called for - Report submission of - Reg.

Ref : D.F.O. Proddatur Rc.No. 364/2019-P8 dt. 24.07.2019

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In obedience to the reference cited, I submit that I have inspected the Lime Stone Mining and Cement Plant of M/s. Dalmia Cement (Bharat) Limited along with the user agency on 14.08.2019 and my observations are as follows.

1	List of Flora & fauna (latest) in the surrounding area (10 Kms radius)	It is observed that Hares, monkeys, Wild boars are presenting in the surrounding area and no Schedule I species exist (10 Kms radius). Flora it is observed that Neem, Prosopis Juliflora, Kanuga, Regu.
2	Type of vegetation in the area	Raavi, Tamarind, Neem are presenting the proposed area
3	Location of any National Park, Wild life sanctuary, Elephant / Tiger reserve (existing as well as proposed) migratory routes, if any within 10 kms of the project site on the map. In case these features are not available, certificate may be issued in this regard	Certified that there are no any National Park, Wild life sanctuary, Elephant / Tiger reserve (existing as well as proposed) migratory routes, if any within 10 kms of the project site on the map
4	MoEF & CC, GOI suggested to ensure local species are planted in the green belt. A list of local species may be provided for	List of Local species like Acacia nilotica, Croton sparsy flora, Dathura metal, Delonix regia, Dodonia viscose, Ficus benghalensis, Oryza sativa, Punia

guidance to develop green belt.

granatum, Tribulus terrestris, Tridax procumbens, Zizuphus xyloporus, Neem, Pongamia, Raavi, Tamarind etc. are pre dominant species. Hence it is suggested to develop the green belt with the above mentioned species.

Further it is submitted the plant and mining area is 9 Kms distance from nearest R.F. i.e. Pennar Plantation VIII, Compt. No. 62. There is no Forest land are involved in the Mining and Plant area. No adverse impact on Bio-Diversity is envisaged from this project.

This is submitted for favour of information and necessary action.

Yours faithfully,

Siddh
16/08/19
Forest Range Officer,
Muddanur.



newthink! cement! sugar! refractories! po

To,

Date: 04.10.2019.

The Chief Wildlife Warden,
Govt. of Andhra Pradesh,
Aranya Bhawan , K.M. Munshi Road,
Nagarampalem, Guntur-522004.

Sub: Comprehensive Conservation Plan for Wild Life in Nawabpet - Talamachipatanam Limestone Mine (ML area 407.05 Ha) of M/s Dalmia Cement (Bharat) Ltd, Chinnakomerla Village, Mylavaram Mandal, YSR (Kadapa) dist-reg.

Ref: Forest Department Letter No: Rc.364/2019-P8, Dt: 27-08-2019.

Dear Sir,

This has reference to the subject cited above. A comprehensive wild life conservation plan to be prepared in consultation with your good office, as per the regulatory requirement. Subsequently, we have approached to the Divisional Forest officer, Proddatur (WL) Division of YSR District for primary data of flora and fauna in and around 10km radius of our project area.

The Division forest officer, wild life division called for observations from the Concerned Forest Range Officer, Muddanur. The RFO inspected the Limestone mining area & Cement plant and submitted detailed report to the DFO Proddatur.

Based on the report received, the DFO of Proddatur certified that there are no scheduled I species, any wild life sanctuary, National Park, Elephant/Tiger reserve, migratory routes exists within the 10 kms of the project area. Accordingly the wild life conservation plan does not arise.

In this above circumstances, we request your good self for certification for the same.

Thanking you sir,

Yours Faithfully
For Dalmia Cement (Bharat) Ltd.,


Authorized Signatory



Encl: as above

Dalmia Cement (Bharat) Limited
Chinnakomerla (ML) Regd. Office, Mylavaram (Mandal), YSR (Kadapa) Dist., Andhra Pradesh - 516 401 India
0566 272 411 - 424 / 0566 272 420 / 421. www.dalmiacement.com, E-mail: info@dalmiacement.com, 0566 272 411/421/422
Regional Office: Chinnakomerla Dist: Chinnakomerla, Tamil Nadu, 612 001, India
A Dalmia-Bharat Group company www.dalmiabharat.com

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From Sri. N.Prateep Kumar, I.F.S., Pr. Chief Conservator of Forests & HoFF and Pr. Chief Conservator of Forests (WL) & Chief Wildlife Warden (FAC), Andhra Pradesh, Aranya Bhavan, Guntur - 522004.	To The Authorized Signatory, M/s Dalmia Cement (Bharat) Limited., Chinnakomerla & Dugganapalli Villages, Mylavaram Mandal, YSR Kadapa District, Andhra Pradesh.
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Rc.no. 10432/2020/WL-2, Date: 04/10/2021

Sub	Andhra Pradesh Forest Department - Wildlife - M/s Dalmia Cements :- (Bharat) Ltd., YSR Kadapa District - Lime stone area and expansion of Integrated Cement Plant (Clinker - 2.6 MTPA to 5.85 MTPA; Cement -2.5 MTPA to 6.56 MTPA; WHRS - 12 MW to 27 & MW to 27 & Captive lime stone Mine) along with installation of Solar Power Plant - - Request for authentication and approval of Flora & Fauna - Approval of Comprehensive Wildlife Conservation Plan for the Schedule-I animals -Orders issued - Regarding.
Ref:	1. Authorized Signatory, M/s Dalmia Cements (Bharat) Ltd., Ir . no. nil, dt. 04.10.2019. 2. CF, Kurnool Rc.no. 4947/2019/TO, dt. 16.07.2020. 3. PCCF (WL) & CWLW, Rc .no. 10432/2019/WL-2, dt. 25.03.2021. 4. CF, Kurnool, Rc.no. 4947/2019/TO, dt. 11.08.2021.

-000-

It is informed that in response to the reference 1st cited and as per the reports of the Conservator of Forests, Kurnool in the references 2nd and 4th cited, the following points are hereby authenticated;

- No forest land is involved in the mining and plant area.
- There is no National Park, Wildlife Sanctuary within the radius of 10 km from the proposed site.
- The Cement plant and mining lease area is at 9.61 km distance from the nearest Reserve Forest boundary i.e., Pennar Plantation VIII, Compt. No. 62.
- Rajiv Gandhi National Park boundary is at a distance of 32.80 km from the proposed site.
- The Comprehensive Conservation Plan prepared for the following Schedule-I animals of the the impact zone (10 km radius) for Rs.165.00

lakh is hereby approved for its implementation.

- *Antelope cervicapra* (Blackbuck)
- *Gazelle gazelle* (Chinkara, Burra jinka)
- *Manis crassicaudata* (Alugu / Scaly ant eater or Indian Pangolin)
- *Varanus bengalensis* (Large Bengal Monitor Lizard)
- *Pachliopta hector* (Crimson Rose)
- *Accipiter badius* (Shikra)
- *Elanus axillaris* (Black shouldered kite)
- *Milvus migrans* (Black kite)
- *Pavo cristatus* (Indian Peafowl)

Further, the Authorized Signatory, M/s Dalmia Cements (Bharat) Ltd., is requested to deposit an amount of Rs.165.00 lakh (Rupees One hundred and sixty five lakh only) in the following Account at an early date;

Name of the account:	Wildlife Conservation projects & CSR (WLC & CSR)
Name of the Bank	Union Bank of India, Kannavarithota Branch, Guntur, Andhra Pradesh.
Account No.	024210100114054.
IFSC code:	UBIN0802425

Encl:-Map & Conservation Plan

N Prateep Kumar

Principal Chief Conservator of Forests & HoFF,
Principal Chief Conservator of Forests (WL) &
Chief Wildlife Warden (FAC)

Copy submitted to the Secretary, MoEF & CC, Impact Assessment Division, Government of India, 3rd Floor, Vayu wing, Indira Paryavaran Bhawan, Jorbagh Road, Aliganj, New Delhi - 110003.

Copy to the Conservator of Forests, Kurnool for information and necessary action.
Copy to the Divisional Forest Officers, Proddatur (WLM) for information and necessary action.

Signed by N Prateep Kumar

Date: 04-10-2021 21:27:29

Reason: Approved

FAUNAL DIVERSITY in CORE & BUFFER ZONE of M/s Dalmia Cement (Bharat) Ltd.

S. No.	Scientific Name	Common Name	Conservation Status according to IWPA' 1972
MAMMALS			
1.	<i>Antelope cervicapra</i>	Black Buck	Sch.I
2.	<i>Bandicota bengalensis</i>	Indian Mole Rat	Sch. V
3.	<i>Canis aureus</i>	Jackal	Sch. II
4.	<i>Funambulus pennanti</i>	Northern Palm Squirrel	Sch. IV
5.	<i>Herpestes edwardsii</i>	Mongoose	Sch. II
6.	<i>Gazelle gazelle</i>	Chinkara . Burra Jinka	Sch. I
7.	<i>Lepus nigricollis</i>	Black-naped Hare	Sch. IV
8.	<i>Manis crassicaudata</i>	Alugu/ Scaly anteater or Pangolin	Sch.I
9.	<i>Felis chaus</i>	Jungle Cat	Sch.II
10.	<i>Mus booduga</i>	Little Indian Mouse	Sch.V
11.	<i>Presbytis entellus</i>	Common Langur	Sch. II
12.	<i>Rattus rattus</i>	Domestic Rat	Sch. V
13.	<i>Suncus murinus</i>	Grey Musk Shrew	Sch. V
14.	<i>Sus scrofa</i>	Wild Pig	Sch.III
15.	<i>Rousettus leschenaultii</i>	Fulvous Fruit Bat	Sch. IV
HERPETOFAUNA - REPTILES			
1.	<i>Calotes versicolor</i>	Common Garden Lizard	Sch. IV
2.	<i>Chamaeleo zeylanicus</i>	Indian chameleon	Sch. II
3.	<i>Daboia russelii</i>	Russell's viper	Sch. II
4.	<i>Eryx johnii</i>	Red sand boa	Sch. IV
5.	<i>Hemidactylus brookii</i>	Spotted Gecko	Sch. IV
6.	<i>Hemidactylus flaviviridis</i>	House lizard	Sch. IV
7.	<i>Psammophilus dorsalis</i>	Peninsular Rock agama	Sch. IV
8.	<i>Mabuya carinata</i>	Brahminy Skink	Sch. IV
9.	<i>Naja Naja</i>	Indian Cobra , Nagupamu	Sch. II
10.	<i>Natrix stolata</i>	Checkered keelback water snake	Sch. II
11.	<i>Ptyas mucosa</i>	Rat Snake	Sch.II
12.	<i>Varanus bengalensis</i>	Large Bengal Monitor Lizard	Sch.I
HERPETOFAUNA - AMPHIBIANS			
1.	<i>Bufo melanostictus</i>	Goduru Kppa	Sch. IV
2.	<i>Duttaphrynus melanostictus</i>	Common Indian toad	Sch. IV
3.	<i>Hoplobatrachus tigerinus</i>	Common Indian bull frog	Sch. IV
4.	<i>Polypedates maculatus</i>	Common Tree Frog	Sch. IV
5.	<i>Rana hexadactyla</i>	Common Frog	Sch. IV
6.	<i>Rana Tigrina</i>	Common Frog	Sch. IV
7.	<i>Sphaerotheca breviceps</i>	Indian Burrowing frog	Sch. IV
AQUATIC FAUNA			
1	<i>Boleophthalmus species</i>	Mudskippers	Sch.IV
2	<i>Catla catla</i>	Catla	Sch. IV
3	<i>Oreochromis niloticus</i>	Tilapia	Sch. IV
4	<i>Ophiocephalus striatus</i>	Korameenu	Sch. IV

5	<i>Labeo calbasu</i>	Rohu / gandu menu	Sch. IV
6	<i>Barbus sarana</i>	Buddaparakalu	Sch. IV
7	<i>Clarias species</i>	Marpulu	Sch. IV
8.	<i>Heteopjerestis fossillis</i>	Ramalu	Sch. IV
9.	<i>Cirrhina fuluggi</i>	korrmukkalu	Sch. IV
10.	<i>Penaeus mondon</i>	Prawn species	Sch. IV
BUTTERFLIES & DRAGONFLIES			
1	<i>Belenois aurota</i>	Pioneer butterfly	Sch. IV
2	<i>Brachythemis contaminata</i>	Ditch jewel dragonfly	Sch. IV
3	<i>Byblia ilithyia</i>	Joker butterfly	Sch. IV
4	<i>Danus chrysippus</i>	Plain tiger butterfly	Sch. IV
5	<i>Diplacodes trivialis</i>	Ground skimmer dragonfly	Sch. IV
6	<i>Junonia orithya</i>	Blue pansy butterfly	Sch. IV
7	<i>Junonia lemonias</i>	Lemon pansy butterfly	Sch. IV
8	<i>Parantica aglea</i>	Glassy tiger butterfly	Sch. IV
9	<i>Pieris napi</i>	Green veined butterfly	Sch. IV
10	<i>Vanessa cardui</i>	Painted lady butterfly	Sch. IV
11	<i>Danaus chrysippus</i>	Plain Tiger	Sch. IV
12	<i>Hypolimnas bolina</i>	Great eggfly	Sch. IV
13	<i>Colitis danae danae</i>	Crimson Tip	Sch. IV
14	<i>Junonia lemonias</i>	Lemon Pansy	Sch. IV
15	<i>Junonia hierta</i>	Yellow Pansy	Sch. IV
16	<i>Junonia orithya</i>	Blue Pansy	Sch. IV
17	<i>Danaus genutia</i>	Striped Tiger	Sch. IV
18	<i>Catopsilia pomona</i>	Common Emigrant	Sch. IV
19	<i>Catopsilia pyranthe</i>	Mottled Emigrant	Sch. IV
20	<i>Papilio demoleus</i>	Lime Butterfly	Sch. IV
21	<i>Papilio polytes</i>	Common Mormom	Sch. IV
22	<i>Junonia iphita</i>	Chocolate Pansy	Sch. IV
23	<i>Pachliopta hector</i>	Crimson Rose	Sch. I
24	<i>Symphaedra nais</i>	Barronet	Sch. IV
25	<i>Euploca core</i>	Common Crow	Sch. IV
26	<i>Acraea violae</i>	Tawny Coster	Sch. IV
27	<i>Euchrysops cnejus</i>	Gram Blue	Sch. II
28	<i>Eurema hecabe</i>	Common grass yellow	Sch. IV
AVI FAUNA			
1.	<i>Acridotheres ginginianus</i>	Bank myna	Sch. IV
2.	<i>Actitis hypoleucos</i>	Common Sandpiper	Sch. IV
3.	<i>Acrocephalus dumetorum</i>	Blythe's Reed Warbler	Sch. IV
4.	<i>Accipiter badius</i>	Shikra	Sch. I
5.	<i>Acridotheres tristis</i>	Common myna	Sch. IV
6.	<i>Aegithina tiphia</i>	Common lora	Sch. IV
7.	<i>Alauda gulgula</i>	Oriental Skylark	Sch. IV
8.	<i>Alcedo atthis</i>	Common Kingfisher	Sch. IV
9.	<i>Amaurornis phoenicurus</i>	White breasted water hen	Sch. IV
10.	<i>Ammomanes phoenicurus</i>	Rufous tailed Lark	Sch. IV

11.	<i>Anastomus oscitans</i>	Open bill stork	Sch. IV
12.	<i>Anas poecilorhyncha</i>	Spot billed duck	Sch. IV
13.	<i>Anhinga rufa</i>	Darter, Snake blrd	Sch.IV
14.	<i>Apus affinis</i>	House swift	Sch. IV
15.	<i>Ardea cinerea</i>	Grey heron	Sch. IV
16.	<i>Ardeola grayii</i>	Pond heron	Sch. IV
17.	<i>Athene brama</i>	Spotted owl	Sch. IV
18.	<i>Bubulcus ibis</i>	Cattle egret	Sch. IV
19.	<i>Bubo bengalensis</i>	Indian Eagle Owl	Sch.IV
20.	<i>Caprimulgus indicus</i>	Indian Night jar	Sch.IV
21.	<i>Corvus culminatus</i>	Jungle Crow	Sch IV
22.	<i>Corvus splendens</i>	House Crow	Sch.IV
23.	<i>Centropus sinensis</i>	Greater coucal	Sch. IV
24.	<i>Ceryle rudis</i>	Pied kingfisher	Sch. IV
25.	<i>Cecropis daurica</i>	Red rumped Swallow	Sch.IV
26.	<i>Coracina macei</i>	Large Cuckoo Shrike	Sch.IV
27.	<i>Charadrius dubius</i>	Little ringed plover	Sch. IV
28.	<i>Chrysomma sinense</i>	Yellow eyed Babbler	Sch.IV
29.	<i>Columba livia</i>	Blue rock pigeon	Sch. IV
30.	<i>Copsychus saularis</i>	Oriental magpie robin	Sch. IV
31.	<i>Coracias benghalensis</i>	Indian roller	Sch. IV
32.	<i>Corvus splendens</i>	Common crow	Sch. V
33.	<i>Cypsiurus balasiensis</i>	Asian Palm Swift	Sch IV
34.	<i>Dendrocida vagabunda</i>	Rufous Tree pie	Sch.IV
35.	<i>Dicrurus macrocercus</i>	Black drongo	Sch. IV
36.	<i>Dicrurus caerulescens</i>	White bellied Drongo	Sch.IV
37.	<i>Egretta garzetta</i>	Little egret	Sch. IV
38.	<i>Elanus axillaris</i>	Black shouldered kite	Sch.I
39.	<i>Eremopterix griseus</i>	Ashy crowned sparrow lark	Sch. IV
40.	<i>Eudynamys scolopaceus</i>	Asean koel	Sch.IV
41.	<i>Euodice malabarica</i>	Indian Silver Bill	Sch.IV
42.	<i>Francolinus pondicerianus</i>	Grey francolin	Sch. IV
43.	<i>Fulica atra</i>	Common Coot	Sch.IV
44.	<i>Gallus gallus</i>	Jungle fowl	Sch. IV
45.	<i>Halcyon smyrnensis</i>	White throated kingfisher	Sch. IV
46.	<i>Himantopus himantopus</i>	Black winged stilt	Sch. IV
47.	<i>Hirundo rustica</i>	Common swallow	Sch. IV
48.	<i>Ketupa zeylonensis</i>	Brown Fish Owl	Sch.IV
49.	<i>Lanius meridionalls</i>	Southern Grey Shrike	Sch.IV
50.	<i>Lanius vittatus</i>	Bay- backed shrike	Sch IV

51.	<i>Lanius cristatus</i>	Golden Oriole	Sch.IV
52.	<i>Lonchura striata</i>	White rumped Munia	Sch. IV
53.	<i>Lonchura punctulata</i>	Scaly breasted Munia	Sch.IV
54.	<i>Megalaima haemacephala</i>	Coppersmith Barbet	Sch.IV
55.	<i>Merops orientalis</i>	Small bee- eater	Sch. IV
56.	<i>Microcarbo niger</i>	Little cormorant	Sch.I
57.	<i>Milvus migrans</i>	Black kite	Sch.IV
58.	<i>Mycteria leucocephala</i>	Painted stork	Sch. IV
59.	<i>Nectarinia asiatica</i>	Purple sunbird	Sch IV
60.	<i>Orthotomus sutorius</i>	Tailor Bird	Sch. IV
61.	<i>Passer domesticus</i>	House sparrow	Sch. I
62.	<i>Pavo cristatus</i>	Indian Peafowl.	Sh.IV
63.	<i>Perdica asiatica</i>	Jungle Bush Quail	Sch.IV
64.	<i>Pericrocotus cinnamomeus</i>	Small minivet	Sch. IV
65.	<i>Phalacrocorax niger</i>	Little Cormorant	Sch.IV
66.	<i>Plegadis falcinellus</i>	Glossy Ibis	Sch. IV
67.	<i>Ploceus philippinus</i>	Baya- weaver bird	Sch. IV
68.	<i>Phoenicurus ochruros</i>	Black Red start	Sch IV
69.	<i>Porphyrio porphyrio</i>	Purple swamp hen	Sch. IV
70.	<i>Prinia socialis</i>	Ashy prinia	Sch. IV
71.	<i>Pseudibis papillosa</i>	Red naped Ibis	Sch. IV
72.	<i>Psittacula krameri</i>	Rose ringed parakeet	Sch. IV
73.	<i>Pterocles exustus</i>	Chestnut bellied Sandgrouse	Sch.IV
74.	<i>Pycnonotus cafer</i>	Red vented bulbul	Sch. IV
75.	<i>Rhipidura aureola</i>	White browed Fantail	Sch.IV
76.	<i>Phaenicophaeus viridi rostris</i>	Blue faced Malkoha	Sch.IV
77.	<i>Sarkidiornis sylvicola</i>	Comb duck	Sch. IV
78.	<i>Saxicoloides fulicata</i>	Indian robin	Sch. IV
79.	<i>Saxicola caprata</i>	Pied Bush chat	Sch IV
80.	<i>Spilopelia chinensis</i>	Spotted dove	Sch. IV
81.	<i>Spilopelia senegalensis</i>	Laughing dove	Sch. IV
82.	<i>Streptopelia decaocto</i>	Eurasian collared dove	Sch. IV
83.	<i>Sturnus contra</i>	Asian pied starling	Sch. IV
84.	<i>Sturnia pagodarum</i>	Brahminy starling	Sch. IV
85.	<i>Tachybaptus ruficollis</i>	Little grebe	Sch. IV
86.	<i>Tadorna ferruginea</i>	Ruddy Shelduck	Sch.IV
87.	<i>Tephrodornis pondicerianus</i>	Common woodshrike	Sch IV
88.	<i>Terpsiphone paradisi</i>	Asian Paradise Flycatcher	Sch.IV
89.	<i>Threskiornis melanocephalus</i>	Black headed Ibis	Sch.IV
90.	<i>Tringa hypoleucos</i>	Common Sandpiper	Sch.IV

91.	<i>Tringa nebularia</i>	Green Shank	Sch.IV
92.	<i>Turdoides striatus</i>	Jungle babbler	Sch. IV
93.	<i>Turdoides caudata</i>	Common Babbler	Sch.IV
94.	<i>Upupa epops</i>	Common Hoopoe	Sch.IV
95.	<i>Vanellus indicus</i>	Red-wattled lapwing	Sch. IV
96.	<i>Vanellus malabaricus</i>	Yellow wattled Lapwing	Sch.IV

Abstract		
Sl.No	Details	No. of Species
1	Mammals	15
2	Reptiles	12
3	Amphibians	7
4	Aquatic Fauna	10
5	Butterflies & Dragonflies	36
6	Avi Fauna	96
	Total No. of Species	176

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 Forest Officer
 Maddur Forest

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 Dy. Forest Officer
 Maddur Forest

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 Divisional Forest Officer
 Proddatur (WL) Division

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 30/1/21
 Conservator of Forests,
 Kurnool Circle, KURNOOL

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 Pri. Chief Conservator of Forests (WL)
 & Chief Wildlife Warden, A.P.

Revised Action Plan Proposals for a period of Three Years for Conservation of Wildlife in Reserved Forests in of Dhodium, Dhodium Ext A, Dhodium Ext B, Dobbudipalli, M.Kambaladinne, Nelanuthala, Gandikota (South, North & Ext Blocks), Yamavaram & Penneru Blocks - Proddatur (WL) Division

Sl No.	Activity	Year wise projections												Total			
		1st year			2nd year			3rd year			Phy	Fin	Phy		Fin		
		Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin							
1	2	3	4	5	6	7	8	9	10	11	12	13					
I	HABITAT IMPROVEMENT & CONSERVATION																
a	Development of Natural grass lands over an area of 5 Ha. In various bits of Pennar RF and the corridor connecting the mining area with Dhodium, Dhodium Extension Blocks A& B, Dobbudipalli, M.Kambaladinne and Nelanuthala Reserve Forests, If necessary fencing also may be proposed depending on site specific conditions. Estimates may be prepared basing on FSR & Data of that specific area.	20	0.200	4.000	0	0	0	0	0	0	0	0	0	0	20	4.000	✓
	a) Creation	0		0	20	0.050	1.000	20.00	0.050	1.000	20	2.000	0	0	20	2.000	✓
	b) Maintenance																
b	Dibbling pre-sprouted / treated seed of forest fruit plants and forest flowering plants @ 5 kgs/ ha in identified suitable patches in Pennar the corridor connecting the mining area with Dhodium, Dhodium Extension blocks A & B, Dobbudipalli M. Kambaladinne and Nelanuthala Reserve Forests over an area of 50 Ha for 2 years . (Average cost of seed per kg is taken as Rs. 200 / Kg.)	25	0.050	1.250	25	0.050	1.250	0	0	0	0	0	0	0	50	2.500	✓
c	Cost of Salt licks @ Rs. 1000 / 1 No for 3 year i.e., 15 Nos (including cost of transport and fixing at site).	15	0.010	0.150	15	0.010	0.150	15	0.010	0.150	15	0.450	0	0	45	0.450	✓

Sl No.	Activity	Year wise projections											
		1st year			2nd year			3rd year			Total		
		Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin
1	2	3	4	5	6	7	8	9	10	11	12	13	
2	WATER RESOURCES												
a	Construction of Saucers in Reserved Forests of Dhodium, Dhodium Ext A, Dhodium Ext B, Dobbudipalli, M.Kambaladinne, Nelanuthala, Gandikota (South, North & Ext Blocks), Yamavaram & Penneru Blocks.	26	0.150	3.900	0		0	0		0	26		3.900
b	Digging of Borewell in Nelanuthala Reserved Forests and installation of Solar panels and Digging of Percolation tank Rs. 2,00,000/- will be provided for Percolation tank to the department and rest of Funds will be utilised by M/s Dalmia Cement (Bharat)Ltd for Digging of Borewell, fixing of solar panels and Grundfos submersible Motor Rs. 6,00,000/-.	1	8.000	8.000							1		8.000
c	Formation / Improvement of Percolation Tank			0	2	1.000	2.000	0		0	2		2.000
d	Construction of Check dams 2 Nos. in Dhodium and M.Kambaladinne Reserved Forests @ 3.000 lakhs each			0	1	3.000	3.000	1		3.000	2		6.000
e	Repairs to tanks and improvement of perinial water resources in the study area.	LS		1.000	LS		1.000				LS		2.000
3	MAN - ANIMAL CONFLICT MITIGATION												
a	Man animal conflict (Compensation of crop damages by Black bucks and Chinkaras)	LS		1.000	LS		1.000	LS		1.000	LS		3.000
4	PROCUREMENT OF WATER TANKER & TRACTOR AND MAINTENANCE FOR (2) YEARS												
a	Cost of tractor cum trailer mounted with a water tank.	1	8.000	8.000			0			0	1		8.000

Sl. No.	Activity	Year wise projections											
		1st year			2nd year			3rd year			Total		
		Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin
1	2	3	4	5	6	7	8	9	10	11	12	13	
	Wages to the tractor driver and one assistant for filling of water in the sacur pits. Driver wage @ Rs. 22000/ month for 3 year. Wages to assistant @ Rs.10000 / pm for a period of 3 years. Calculated for (6) months per year.	2	0.320 per month	1.920	2	0.320 per month	1.920	2	0.320 per month	1.920	2	5.760 /	
	Fuel charges and maintenance for the tractor @ Rs. 90,000/- per (6) months for a period of 3 years.	1	0.150 per month	0.900	1	0.150 per month	0.900	1	0.150 per month	0.900	1	2.700 /	
5	PROCUREMENT OF VEHICLES FOR PROJECT IMPLEMENTATION & PATROLLING UNIT INCLUDING ONE YEAR MAINTENANCE.												
a	Procurement of Vehicle for the project implementing / monitoring officer	1	28.000	28.000			0			0	1	28.000 /	
	a) For Monitoring officers (Innova)	1	12.000	12.000			0			0	1	12.000 /	
	b) For Implementing Authority (DFO)	1			2	0.220 per month	5.280	2	0.220 per month	5.280	4	10.560 /	
b	Wages to the driver for the vehicle @ Rs. 22000/- pm for a period of 2 year.				2	0.150 per month	3.600	2	0.150 per month	3.600	4	7.200 /	
c	Fuel charges and maintenance of vehicle @ 15000/- pm for a period of 2 year.												
d	Providing Vehicle for the Forest Range Officer, Muddanur to improve the protection and facilitate the management of Core & Buffer area of M/s Dalmia Cement(Bharat) Ltd , Reserved Forests and surrounding areas – Monitoring wildlife.	1	8.000	8.000			0			0	1	8.000 /	
e	Fuel costs and maintenance of vehicle @ 15000/- pm for a period of 2 year.				1	0.150 per month	1.800	1	0.150 per month	1.800	2	3.600 /	
f	Wages for the driver and (2) protection watchers @ 22000 pm for driver and Rs. 10000/- PM for Protection watcher for a period of 2 year.				1	0.420 per month	5.040	1	0.420 per month	5.040	2	10.080 /	

Sl No.	Activity	Year wise projections											
		1st Year			2nd year			3rd year			Total		
		Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Fin	Fin
1	2	3	4	5	6	7	8	9	10	11	12	13	
6	Wages to Research Scholar / Naturalist Research and Monitoring the species (Flora & Fauna) in the specified area for (2) Years Rs.25,000/- per month .				1	0.250 per month	3.000						
7	Planting of Host plants for Butterflies in the Reserved Forests near Gandikota and maintenance of plants w.r.t conservation of Crimson Rose Butterfly.				LS		2.000			0	LS		2.000
8	Fire Protection measures in the area , which increase the debris in the Forests and facilitate increase of termite and Ants & also for developing grasslands	LS		1.000	LS		1.500	LS		1.500	LS		4.000
9	AWARENESS PROGRAMMES												
a	Awareness activities need to be carried out in the villages of Buffer area and surrounding villages . The awareness programs include display of posters, signage, celebration of Wildlife Week, Van mahotsava and other important days related to conservation of wildlife, organizing nature camps involving schools, colleges in the respected area, distribution of Brouchures, pamphlets regarding the wildlife of Buffer area & conservation measures to be taken. Organisation Activities	3	0.250	0.750	3	0.250	0.750	4	0.250	1.000	10		2.500
b	Publicity material preparation like Brouchures, Pampheltes, Posters, Calenders,Clocks, mugs, T-shirts, Key chains etc. The publicity material may be displayed at all Government buildings, schools, colleges in buffer and surrounding villages. Emphasis need to be given in preparation of Publicity material in conservation of Schedule I Fauna of the area.	LS		1.000	LS		1.000	LS		1.000	LS		3.000

Sl No.	Activity	Year wise projections											
		1st year			2nd year			3rd year			Total		
		Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin	Phy	Unit Rate	Fin
1		3	4	5	6	7	8	9	10	11	12	13	
c	Erection of display boards at important places giving message of Conservation and penal provisions of Wildlife (Protection) Act 1972	LS		2.000	LS		2.000				LS	4.000	
d	Awareness activities involving Vana Samrakshna Samithis Tirumalayapalli, Ragi kunta, Kammavaripalli and M.Kambaladinne. 4 VSSs @ 60,000/-	4	0.100	0.400	4	0.100	0.400	4	0.100	0.400	4	1.200	
10	Administrative Cost												
a	Engaging of Data Entry Operators @ Rs. 22000 per Month	1	0.220 per month	2.640	1	0.220 per month	2.640	1	0.220 per month	2.640		7.920	
b	Procurement and Maintenance of Computer Peripherals	LS		1.000			1.000			1.000		3.000	
c	Monitoring and Evaluation						0.250			0.250		0.500	
d	Unforeseen & Miscellaneous expenditure (Electricity Bills, Stationery Bills etc.)			1.500			1.330			1.300		4.130	
	TOTAL			88.410			43.810			32.780		165.000	

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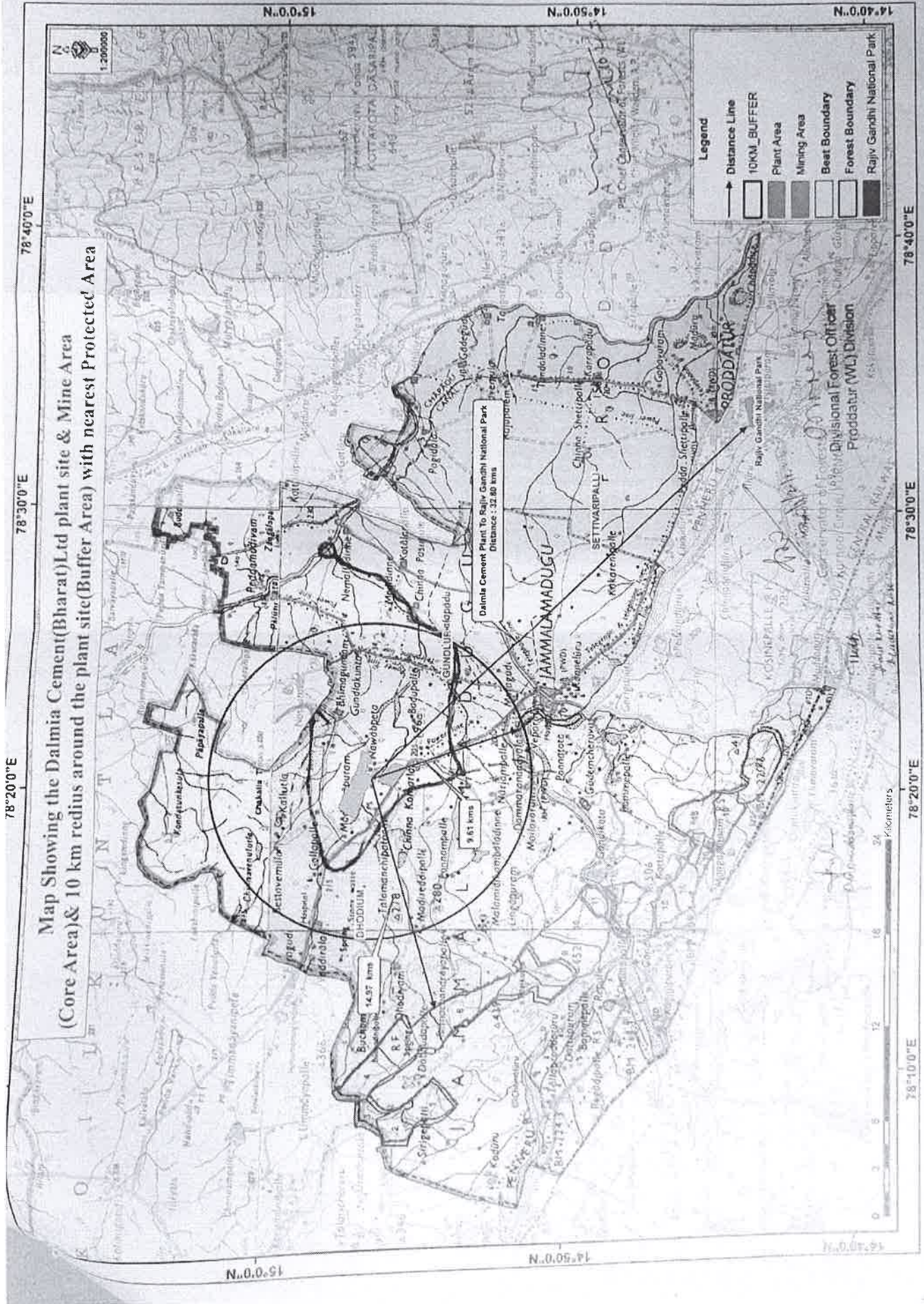
Superintendent

21/10/22

Sd/- M. Nagarajuna Reddy
Divisional Forest Officer
Proddatur WL Division

Conservator of Forests,
Kurnool Circle, AP-100001

Pri. Chief Conservator of Forests (WL)
& Chief Wildlife Warden, A.P.



Annexure-II

The CSR Expenditure details of M/s Dalmia Cement (Bharat) Limited
Chinnakomerla, Kadapa- Dist., AP.

(October-2023 to March-2024).

Year	Activity Head	Expenses (Rs)	Remarks
2023-24 (October-23 to March-24)	I. SKILL & LIVELIHOOD		
	1. Gram Parivarthan Project	586609	
	II. SOCIAL DEVELOPMENT		
	1. WoW Bus project	323382	
	2. Event & Day celebration	48421	
	3. Unit Contingency Fund	98806	
	III. CLIMATE ACTION - WATER		
	1. Support for Drip irrigation	24960	
		Grand Total	1082178

ENVIRONMENTAL MONITORING REPORT

OF

M/S. DALMIA CEMENT (BHARAT) LIMITED (MINES)

CHINNAKOMERLA VILLAGE,
MYLAVARAM MANDAL,
JAMMALAMADUGU, KADAPA,
ANDHRA PRADESH-516434.

FOR

MARCH – 2024

Prepared By



COSMO CONSCIOUS RESEARCH LABORATORY

(Environmental laboratory, Recognized by MoEF & CC,
Accredited by NABL (ISOIEC: 17025)
vide certificate No : TC6152 and Certified by ISO (45001:2018)
"Survey House", # 121, 2nd Cross,
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COSMO CONSCIOUS RESEARCH LABORATORY

Environmental laboratory. Recognized by MoEF & CC, Accredited by NABL (ISO/IEC: 17025)
vide certificate No : TC6152 and Certified by ISO (45001:2018)

CERTIFICATE

This is to certify that the sampling, testing and analysis of environmental parameters (Air, Water & Noise) of M/s Dalmia Cement (Bharat) limited (Mines), Chinnakomerla Village, Mylavaram Mandal, Jammalamadugu, Kadapa, Andhra Pradesh-516434 is carried-out for the month of March 2024 . The monitoring is done as per the requirement of our client and the methods adopted are as per the standards prescribed. The results obtained and reported are true and correct to the best of our knowledge.

For Cosmo Conscious Research Laboratory

Date: 12.04.2024


(M. Shashikala)
Chief Executive



"SURVEY HOUSE", #121, 2nd Cross, Nehru Colony, Ballari-583103 (Karnataka)
Ph: 08392 255744, Website: www.tscrl.com email: chiefexecutive@tscrl.com





AMBIENT AIR QUALITY MONITORING DATA

Report No. I A

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : Near Rest House (Core Zone)
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.9°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007422F


TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	801	12	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	801	16	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	254	59	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	077	18	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.
 Conclusion: The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate SamplerAPM550M/Envirotech	154-DTC-2021	10.03.2024	09.03.2025

ANALYZED BY: 
 (G. Dhavaleshwar)
 Analyst

VERIFIED BY: 
 (P. Harika)
 Technical Manager

AUTHORISED SIGNATORY: 
 (M. Shashikala)
 Head of the Laboratory



AMBIENT AIR QUALITY MONITORING DATA

Report No. I B

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : On Top of Quarry West Side Boundary
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.7°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007423F

TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	794	14	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	794	15	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	240	68	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	060	21	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.

Conclusion : The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate Sampler APM550M/Envirotech	157-DTC-2021	10.03.2024	09.03.2025

ANALYZED BY:

(G.Dhavaleshwar)
Analyst

VERIFIED BY:

(P.Harika)
Technical Manager

AUTHORISED SIGNATORY:

(M. Shashikala)
Head of the Laboratory



AMBIENT AIR QUALITY MONITORING DATA

Report No. I C

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : Watch Tower North Boundary
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.7°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007424F

TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	800	10	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	800	16	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	245	53	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	076	22	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.

Conclusion : The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate Sampler APM 550M- Envirotech	174-B-122	10.03.2024	09.03.2025

ANALYZED BY:

(G.Dhavaleshwar)
Analyst

VERIFIED BY:

(P.Harika)
Technical Manager

AUTHORISED SIGNATORY:

(M. Shashikala)
Head of the Laboratory



AMBIENT AIR QUALITY MONITORING DATA

Report No. I D

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : A.Kambala Dinne Village (Buffer Zone)
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.6°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007425F

TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	798	8	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	798	11	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	244	54	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	079	16	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.

Conclusion : The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate Sampler/APM 550M-Envirotech	173-B-22	10.03.2024	09.03.2025

ANALYZED BY:

(G.Dhavaleshwar)
Analyst

VERIFIED BY:

(P.Harika)
Technical Manager

AUTHORISED SIGNATORY:

(M. Shashikala)
Head of the Laboratory



AMBIENT AIR QUALITY MONITORING DATA

Report No. I E

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : Talamanchipatnam Village (Buffer Zone)
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.8°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007426F

TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	802	10	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	802	12	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	253	53	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	078	19	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.

Conclusion : The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate Sampler /APM 550M-Envirotech	158-BTC-2021	10.03.2024	09.03.2025

ANALYZED BY:

(G.Dhavaleshwar)
Analyst

VERIFIED BY:

(P.Harika)
Technical Manager

AUTHORISED SIGNATORY:

(M. Shashikala)
Head of the Laboratory



AMBIENT AIR QUALITY MONITORING DATA

Report No. I F

Customer Name : M/s. Dalmia Cement (Bharat) Limited (Mines).
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu, Kadapa, Andhra Pradesh -516434
 Sample Name : Ambient Air
 Sample Description : Ambient Air Quality Monitoring
 Reference : Test Request form dated 05.03.2024
 Sample Collected By : Cosmo Conscious Research Laboratory
 Sample Location : Nawab Peta Village (Buffer Zone)
 Month of Monitoring : March 2024
 Sample procedure : IS 5182
 Relative Humidity : 66% Ambient Temperature : 31.8°C
 Sampling date : 04.03.2024 to 05.03.2024
 Test Started on : 06.03.2024 Test completed on : 06.03.2024
 Unique Lab Report Number : TC6152230000007427F

TEST RESULTS

Sl. No	Parameters	Method adopted (Sampling & Analysis)	Lab Sample Codes	Results	Unit	Limit as per NAAQS Specification
1.	Sulphur Dioxide(SO ₂)	IS 5182 (part 2) :2001 (RA:2017)	799	7	µg/m ³	80
2.	Nitrogen Dioxide(NO ₂)	IS 5182 (part 6): 2006 (RA:2017)	799	13	µg/m ³	80
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) : 2006 (RA : 2017)	243	67	µg/m ³	100
4.	Particulate Matter(PM _{2.5})	USEPA Vol -I & Part II	066	36	µg/m ³	60

END OF REPORT

Note : The above results are related only to the samples collected & tested on the particular date and time.

Conclusion : The above tested sample confirms to the NAAQ Standard for the above tested parameters.

Name of the Equipment	Eq. ID. No.	Date of Calibration	Calibration Due on
High Volume Combined Particulate Sampler /APM 550M-Envirotech	170-B-22	10.03.2024	09.03.2025

ANALYZED BY: 
 (G.Dhavaleshwar)
 Analyst

VERIFIED BY: 
 (P.Harika)
 Technical Manager

AUTHORISED SIGNATORY:


 (M. Shaashikala)
 Head of the Laboratory