

No: DBGVL/Sattur/Env/07/2022 -23

Date: 16th May 2023

To

The Director,

Ministry of Environment, Forest and Climate Change,
Regional Office (SEZ), 1st & 2nd Floor, Handloom Export Promotion Council,
34, Cathedral Garden Road, Nungambakkam, Chennai - 34

Sub: Submission of 1st Half yearly EC compliance report for a unit of M/S Dalmia Bharat Green Vision Ltd. "Meenakshi Cement Works" located at Mulliseval village and part of Peddureddipatti village, Sattur Taluk, Virudhunagar District, Tamil Nadu - 626205.

Ref: Environmental clearance granted by the State Environment Impact Assessment Authority (SEIAA) of Tamil Nadu, vide SEIAA Letter No. SEIAA/TN/F8848/EC/3(b)/97/2021 dated 18th June 2022, EC identification No. EC22B009TN138448, and File No. 8848.

Dear Sir,


With reference to the aforesaid subject and reference, Submitting the 1st Half yearly Environment Clearance compliance report for standalone grinding unit of M/S Dalmia Bharat Green Vision Ltd. "Meenakshi Cement Works" located at Mulliseval village and part of Peddureddipatti village, Sattur Taluk, Virudhunagar District, Tamil Nadu - 626205. Compliance period from 18th June 2022 to 31st March 2023. The compliance report will be uploaded in our website within 15 days.

Kindly acknowledge the receipt of same.

Thanking you,

Yours faithfully,

For M/s. Dalmia Bharat Green Vision Ltd.



Navin Sabharwal

Unit Head

Encl: As above

- CC:** 1. The Joint Chief Environmental Engineer, TNPCB, Tirunelveli- 627 007
2. The District Environmental Engineer, TNPCB, Virudhunagar - 626 002.
3. The Zonal Officer, Central Pollution Control Board, Bangalore – 560079
4. The Scientist 'E' & Incharge, Central Pollution Control Board, Chennai – 600058.

Dalmia Bharat Green Vision Limited

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T +91 11 2346 5100 Toll Free 1800 2020 W www.dalmiacement.com CIN: U70109TN2021PLC143683

Registered Office: Trichy-Chidambaram Salai, Dalmiapuram, District Tiruchirappalli - 621 651, Tamil Nadu, India

Site Address: Meenakshi Cement Works, 66/3A Mulliseval(Vil &PO) Sattur - 626205, Tamil Nadu, India

A Dalmia Bharat Group company, www.dalmiabharat.com

Dalmia Green Vision Limited
Meenakshi Cement Work,
Mulliseval Village, Sattur Taluk, Virudhunagar District.

Half yearly EC Compliance report

Ref: Environmental Clearance vide SEIAA Letter No. SEIAA/TN/F 8848/EC/ 3(b)/97/2021 dated 18th June 2022, EC identification no EC22B009TN138448 and File No. 8848.

Compliance period from 18th June 2022 to 31st March 2023.
(1st Six-monthly EC compliance report)

S. No	Conditions	Compliance status
<u>Specific Conditions:</u>		
1.	At any point of time, the Production capacity will not exceed 2x2.5 MTPA: OPC/PPC/PSC/PCC	Noted for compliance. Production capacity will not exceed 2x2.5 MTPA: OPC/PPC/PSC/PCC at any point of production. Presently commissioning is planned for 1 X 2.5 MTPA cement production
2.	Ground water for industrial Purpose to be phased out in 5 years. The industry to explore possibilities to meet the Water consumption for industrial Purpose through treated sewage obtained from nearest local body/rain water harvesting.	Noted for compliance during operation. The unit is only a grinding unit and water requirement is only for equipment cooling, mill spray and domestic. The same is planned to be sourced from Permitted Borewells for which NOC has been obtained from State Surface and Ground Water Resources Data Centre, Chennai vide letter for 210000 Liters per Day vide letter ref. No.DD(G)/OT 10/G-6/103/Fresh NOC/Karaikudi /2022 dated 25.08.2022 valid till 24.08.2023. Copy of NOC is attached as Annexure -1. For mill spray and equipment cooling, harvested rain water is proposed to utilized to available extend and also approached the "Municipal Commissioner and Engineering In-charge of STP Sattur" for supply of treated sewage water. On their commitment for sustainable supply, necessary infrastructure will be created to utilize it for mill spray. Further, treated water from sewage treatment plant will be used for mill spray and gardening.
3.	The PP shall furnish fresh water supply commitment from local	Complied with. NOC obtained from State Surface and Ground Water Resources Data Centre, Chennai vide letter for



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	body before obtaining CTO from TNPCB.	210000 Liters per Day vide letter ref. No.DD(G)/OT 10/G-6/103/Fresh NOC/Karaikudi /2022 dated 25.08.2022.
4.	The project proponent shall provide STP of capacity 9 KLD and treated water shall be utilized for flushing and green belt proposed.	Noted and being complied with. STP of 20 KLD capacity order has been placed to M/s Swift Tech Engineers (India) Pvt Ltd and expecting the delivery by end of May 2023. Erection and commissioning will be completed by end of Jun 2023. After commissioning the treated water shall be used for gardening.
5.	Treated/untreated sewage shall not be let-out from the unit at any point of time.	Noted for compliance during operation. The domestic waste water generated is proposed to be treated in 20 KLD STP for which the order has been placed to M/s Swift Tech Engineers (India) Pvt Ltd. The treated water shall be used for gardening purpose. Still commissioning of STP, domestic waste water will be routed to septic tank and disposed to municipality through tankers.
6.	The PP shall provide adequate bag filters & Emissions from bag filter should be below 10mg/Nm ³ .	Noted for compliance during operation The Bag Filters are designed to maintain the emission norms below 10 mg/Nm ³ . However, as directed in SEIAA Specific Condition No. 1, the APC measures will achieve Emission Standards for Cement Industries issued by CPCB vide Notifications dated 25.08.2014 and amended on 09.05.2016 & 10.05.2016 i.e. Particulate Matter (PM) Emission <30 mg/Nm ³ . A letter in this regard has been submitted to TN State Level EIA authority, dated 27 th April 2023.
7.	There is no open storage of raw material/finished product in the unit premises	Noted for compliance Clinker, Dry Fly ash and Cement proposed to be stored inside the silos vented with bag filters. Additives raw materials like Gypsum, Slag, Coal etc. proposed to be stored inside the covered sheds.
8.	The PP shall test for radio-active material in the gypsum used for cement in the AERB authorized lab continuously. In case, any	Noted for compliance during operation. During operational phase, the radio active material in gypsum shall be tested in AERB authorized lab and



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	radio-activity is noticed then the said gypsum shall not be used.	based on the results the gypsum shall be procured for usage.
9.	Comprehensive and periodical health checkup should be conducted for workers with reference to health problems like silicosis due to the particulate matter generated in the industry.	Noted and being complied with. Pre-employment health checkup is being conducted for employees regularly. During operational phase, Pre-employment health check as per the factories act including silicosis is proposed to be carried out.
10.	Adequate engineering measures should be implemented to contain fugitive emissions within the prescribed limit.	Noted for compliance during operation. During the design stage of the plant itself, all necessary bag filters has been designed in the loading and unloading sessions, transfer towers & silos, closed conveyor system and covered shed for raw material storage in order to reduce fugitive emissions. Further, thick green belt cover is proposed along the boundaries to control airborne dust emissions.
11.	Workers should be protected against inhalation of dust particles with appropriate protective measures.	Noted for compliance During the design stage of the Plant itself all necessary bag filters has been designed to reduce fugitive emissions across all the session. Further, Wear three and Carry three concept shall be followed by every employee and in dust prone areas wearing mask will be mandatory to all workers. Awareness training programs on safety and health aspects is also been arranged regularly.
12.	The green belt shall be developed in at least 33% of total plant area. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix , in consultation with the DFO, State Agriculture. The plant species with dense/moderate canopy of native origin should be	Noted and under implementation. Currently, 500 saplings have been planted across the boundary as per recommendation of DFO viz., Puliyamaram, Atthimaram, Tekku, Vembu, Pungam, Senjsanthanam, Savukku and Poovarasu. Further, planned to plant around 2500 varieties of Plants inside the premises this year. Thick cover of green belt constituting 33% of the total plant area shall be developed in a phase wise within five years consisting of Native species. Photographs are attached as Annexure-2



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	chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.	
13.	Taller/one year old saplings raised in appropriate size of bags, preferably eco- friendly bags should be planted in proper espacement as per the advice of local forest authorities/ botanist / Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.	<p>Noted and under implementation.</p> <p>Plants are procured from the Nursery and also from the forest department with at least 3 to 5 feet height. Saplings are being purchased from the Nursery and ensured that saplings are grown in the eco-friendly bag. Thick green cover is proposed along the compound wall and its GPS coordinates shall be provided during implementation stage year wise.</p>
14.	The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.	<p>Noted and being complied with.</p> <p>All the roof top collected rainwater shall be connected and stored in a pond which will be utilized in the process.</p> <p>Further, the run off from the paved and unpaved roads shall be connected to a storm water drain and shall be routed to a Rain water harvesting pond. The proposal feasibility is being studied through experts.</p> <p>Attached the water harvesting plan as Annexure-3</p>
15.	The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.	<p>Noted for compliance</p> <p>The plant is under construction stage and Hazardous waste authorization shall be obtained from TNPCB after obtaining Consent to Operate for commissioning plant operations.</p>



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16.	No waste of any type to be disposed off in any other way other than the approved one.	Noted. All the waste generated from the plant operations shall be disposed /sold to authorized recyclers/disposers.
17.	The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.	Noted and Being complied with. Post COVID health management, like creating awareness, ensuring double dosage vaccination for all employees, ensuring nose masks, using hand sanitizers / periodical hand washing, and maintaining social distance among the employees, has been practiced.
18.	The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post COVID period.	Noted for compliance. A occupational Health Centre with needed infrastructure and Factory medical officer is available for continuously monitoring the health of the construction workers.
19.	The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.	Noted and being complied with. Ambient Air Quality monitoring is being carried out at 4 Locations surrounding the plant premises including CO through accredited Labs on quarterly basis. The Air Quality report is enclosed as Annexure - 4.
20.	Entire roof of the proposed sheds shall be covered with Solar panels and utilization of the Solar energy should not be less than 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.	Noted. It is not feasible for installation of Solar panel in the roof top due to constrain in the layout. But feasibility report is being prepared for the installation of 10 MWp Solar plant adjacent to the plant premises. Once commissioned partial energy requirement of the plant shall be met by the solar plant.
21.	The PP shall conduct job fair & provide technical training for skill development in the vicinity of the	Noted and Being complied with. Based on the job nature, potential persons from the neighboring community has been provided with the job opportunity both directly and indirectly. Through CSR, by deploying recognized institutions/competent



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	project site and Job opportunity shall be given to local peoples.	persons, technical training for the skill development to locals shall be carried out for benefiting their livelihood and increasing Job opportunities.
22.	That the grant of this EC issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the condition laid down in all other law for the time-being in force, rests with the project proponent.	Noted
23.	As per the MoEF&CC Office Memorandum F. No. 22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.	Noted for compliance. There is no demolition of structure during the project phase. However, during any modernization and upgradation activities in future, demolishing plan shall be prepared and implemented.
24.	At accepted by the Project Proponent, an amount of Rs. 7.5 crore shall be spent at CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (Rs. 3.6 Cr.) and Development of Nellai Wild Life Sanctuary, Ganigaikondan WLS & Koonthankulam Bird Sanctuary (Rs.3.9 Cr). in consultation with State Forest Department before obtaining CTO from TNPCB.	Noted and being complied. Phase-I is being established now and ready for commissioning. Initially, we will deposit the Demand draft of Rs. 3.75 Crores now i.e. Rs. 1.80 Crores for establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve and Rs. 1.95 Crores for the Development of Nellai Wild Life Sanctuary, Canigaikondan WLS & Koonthankulam Bird Sanctuary Further, as committed, the balance CER amount of Rs. 3.75 Crores will also be contributed (as detailed above) to the State Forest Department before obtaining CTO from TNPCB for Phase-II.
(A)	Standard Conditions	
1.	The APC measures to achieve Emission standards for cement	Noted for compliance. All the Bag filters are designed and installed to meet the emission norms prescribed by the board.



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	Industries issued by CPCB shall be complied.	
2.	The fugitive emission during loading and unloading shall be suitably controlled. Fugitive emission in the work zone environment and raw materials storage & handling areas shall be regularly monitored. The emission shall conform to the limits prescribed by the TNPCB/CPCB.	<p>Noted and being complied.</p> <p>Enclosures has been provided at all unloading stations with water spraying system to control fugitives. All transfer points have been fully closed and fugitives will be controlled by extraction to bag filters. All belt conveyors are closed.</p> <p>Clinker, Cement and Dry Flyash proposed to store in silos provided with Bag filters to control emissions. Additives like gypsum, Wet flyash, Limestone, Slag proposed to store in closed covered sheds.</p> <p>Fugitive emissions are monitored on quarterly basis from NABL accredited labs. The latest report is enclosed as Annexure - 5</p>
3.	Vehicular emission should be kept under control and each vehicle shall carry valid Emission certificate issued by the Competent Authority.	<p>Noted for Compliance.</p> <p>Water sprinkling is being carried out on the unpaved roads deployed for transportation. Also, at the plant entrance itself, vehicles are checked for 'Pollution under Control' Certificate along with other statutory documents.</p>
4.	Adequate dust extraction system such as ESP/cyclones/bag filters/Wet scrubbers and water spray system, transfer areas and other vulnerable dusty areas shall be provided.	<p>Noted for compliance</p> <p>Bag filters have been installed at all transfer points for fugitive and material transport dust control. Enclosures have been provided at all unloading stations with water spraying system to control fugitives. All transfer points will be fully closed and fugitives will be controlled by water spraying or by extraction to bag filters. All belt conveyors are closed.</p>
5.	Raw material storage area should be covered by the closed shed with elevated impermeable concrete base along with the provision of piezometric well so as to monitor the ground water quality in the raw material storage area.	<p>Noted for Compliance during operation.</p> <p>Raw materials and finished products will be stored in silos and covered sheds with elevated impermeable concreted base. Clinker, Dry Fly ash and Cement are proposed to be stored inside the silos vented with bag filters. Additives raw materials like Gypsum, Slag, Coal, Wet Fly ash etc. are proposed to be stored inside</p>



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		the covered sheds. Piezometric well will also be there to monitor the ground water quality in the raw material storage area.
6.	Adequate Pollution Control measure such as Ducting with dust extracting arrangement, water sprinkling, spraying wherever required shall be established to achieve Occupational-health standards and Ambient air quality standards.	Noted and being complied with. Bag filters have been installed at all transfer points for fugitive and material transport dust control. Enclosures have been provided at all unloading stations with water spraying system to control fugitives. All transfer points will be fully closed and fugitives will be controlled by water spraying or by extraction to bag filters. All belt conveyors are closed.
7.	Chimney height shall be provided with continuous online monitoring equipments for SO ₂ , NO _x and Particulate Matter (PM _{2.5} & PM ₁₀).	Noted and being complied with. Cement mill has been provided with a stack height of 49.0 m. Continuous Emission Monitoring system is proposed to install for monitoring. Kindly note that in Cement mill there is no source of SO ₂ , NO _x emissions and also as per CPCB circular ref. No. B-29016/04/06/PCI-II dated 23 rd December 2016 there is no requirement for Continuous monitoring of SO ₂ & NO _x for Standalone Grinding Units.
8.	The Waste water /Sewage generated from any other source other than indicated shall also be taken to ETP/STP redesigning the plants if required.	Noted for compliance. There will be no effluent generation from the process. The domestic waste water generated will be treated in a 20 KLD STP and treated water is proposed for Greenbelt development. The design of STP is done according to the characteristics of domestic waste water generation.
9.	The water demand for the green belt shall be met from treated effluent/sewage only after exhausting the treated effluent/sewage drawl of fresh water for this purpose shall be considered.	Noted for Compliance. The entire treated water from STP will be utilized for Greenbelt development. Further, treated water from STP shall be used for mill spray.
10.	The hazardous wastes generated shall be disposed as per the provision of Hazardous & other Wastes (Management &	Noted for Compliance during operational. The plant is under construction stage and Hazardous waste authorization shall be obtained from TNPCB



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	Transboundary Movement) Rules 2016.	after obtaining Consent to Operate for commissioning plant operations.
11.	Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SO ₂ , NO _x & particulate Matter anticipated. At least four ambient air quality monitoring station should consultation with State Pollution Control Board based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring etc.	<p>Noted and Being complied with.</p> <p>Continuous Ambient Air Monitoring system is planned to install near Water Treatment Plant (WTP) in Upwind (NE) and near Power supply room in downwind (SW) as per the GLC study in the EIA report. For the same, the order has been placed to M/S Swan Technical Service Private Ltd.</p> <p>Further, quarterly Ambient Air monitoring is proposed to be carried out by NABL accredited labs at four location Viz Near Water Treatment Plant (NE), near Power supply room in downwind (SW), near Switch yard (SE), near clinker silo (NW). The location shall be vetted from the TNPCB during operational phase. For TNPCB Consultation letter has been submitted vide Letter No. DCGVL/Sattur/Env/02/2023-24 dated 8th May 2023. the communication letter has been attached as Annexure-11</p>
12.	The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under EP Act 1986.	<p>Noted.</p> <p>Compliance will be ensured during operational. Offers has been received from the NABL accredited labs and same will be updated in next Half yearly compliance report.</p>
13.	Interlocking system between process plant and pollution control equipment shall be installed, in case of treatment process disturbances/failure of pollution control equipment the industry shall be stopped and shall be restarted until the control measures are rectified to achieve the desired efficiency.	<p>Complied.</p> <p>Interlock facilities designed and ensure during commissioning stage. If the emission level of Cement mill and Packer goes above the prescribed norms, the ID fans get tripped automatically and the unit will be tripped.</p>
14.	Regular monitoring on the air quality, water quality and noise on	Noted for Compliance during operation.



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	the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.	Ambient Noise and Air Quality Monitoring is being carried out quarterly from the NABL accredited labs and the records are maintained from Mar'2023 onwards. Monitoring report attached as Annexure-9
15.	A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.	Being complied with A full fledge separate environmental cell is in place with an environment professional under the direct supervision of Unit Head. Also, will form department wise SPOC's persons to monitor the Environmental aspects/impacts for taking effective corrective measures through Environment Management programme (EMP).
16.	The land area earmarked within the project area for green belt development shall be developed in consultation with DFO on the selection of the species & number of plantation to be carried out.	Under implementation. Currently 500 saplings have been planted across the boundary as per recommendation of DFO viz Puliyamaram, Atthimaram, Tekku, Vembu, Pungam, Senjsanathanam, Savukku and Poovarasu. Further, planned to plant around 2500 varieties of Plants inside the premises in this year. Thick cover of green belt constituting 33% of the total plant area shall be developed in a phase wise within five years consisting of Native species
17.	The industry shall promote tree plantation to neutralize their carbon foot print. Green Belt consisting of three tiers of plantation of native species around plant and at least 75m width shall be raised. Tree density shall not less than 2500 per ha with survival rate not less than 80%.	Noted for Compliance. As a responsible corporate all actions will be taken to reduce the carbon footprint, like improving Energy efficiency, Reducing clinker to Cement ratio and establishment of Solar Power Plant. Thick cover of green belt constituting 33% of the total plant area shall be developed in a phase wise within five years consisting of native species covering 75 m width with density not less than 2500 per ha. Dedicated team for Proper care including regular trimming & pruning of plants and watering will be carried out to achieve survival rate of more than 80%.



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18.	Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water drawl.	Noted for Compliance. All the roof top collected rainwater shall be connected and stored in a pond which will be utilized in the process. Further, the runoff from the paved and unpaved roads shall be connected to a storm water drain and routed to a Rain water harvesting pond. The proposal feasibility is being studied through experts.
19.	Scheduled Flora and fauna found in the study area of the core zone around the project site shall be monitored closely and a plan shall be prepared and implemented for their conservation.	Noted for Compliance. Conservation plan for Schedule-I species peafowl has been prepared by Dr.M.Selvanayagam, Dean-Research Loyola - ICAM College of Engineering & Technology and the measures proposed are being implemented during the project phase.
20.	The activity of the unit is no way should disturb the Wild life habitat, free migratory movement of the wildlife nor disturb the Wildlife in any way.	Noted for Compliance. There is no forest area or bird migratory pathway in the project area.
21.	The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.	Noted for Compliance. During the project phase, the natural drainage pattern is maintained as itself and storm water drains are being constructed across the entire plant area. The same shall be chanellized to a Rainwater harvesting pond. Further, the runoff from the paved and unpaved roads shall be connected to a storm water drain and routed to a Rainwater harvesting pond.
22.	The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/Hon'ble High Court of Madras.	Noted.
(B)	General Conditions	
I.	The Environmental Clearance does not absolve the	Noted.



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	applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearance from the concerned statutory and administrative authorities.	
II.	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, TN.	Noted.
III.	'Consent for Establishment' shall be obtained from the Tamil Nadu pollution Control Board and a copy shall be furnished to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.	Complied. Consent for Establishment under Air & Water Act had been obtained from the Tamil Nadu Pollution Control Board vide Order No 2201245092256 and 2201145092256, dated 27/06/2022. The same is attached herewith as Annexure – 6.
IV.	Greenbelt consisting of 3 tiers of plantations of native species around the plant boundary comprising of at least 3370 of total land shall be raised. The density of trees shall not be less than 2500 per Ha and rate of survival at least 80%.	Noted and Being complied with. Thick cover of green belt constituting 33% of the total plant area shall be developed phase wise within five years, consisting of native species covering 75 m width with a density not less than 2500 per ha. Dedicated team for proper care, including regular trimming & pruning of plants and watering, will be carried out to achieve a survival rate of more than 80%.
V.	Proper housekeeping shall be ensured and all the raw material including scrap, coal etc., shall be stored at designated places.	Being Complied with. Good housekeeping will be maintained. Dedicated storage space will be provided for storing of all Raw materials, Fuel and Products. Waste generated from the activity shall be segregated and stored in a designated place and sold to the authorized recyclers.
VI.	The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting	Noted and being complied with. All the roof top collected rainwater shall be connected and stored in a pond which will be utilized in the process.



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	system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan for implementation shall be submitted to the MoEF&CC, Regional Office at Chennai within six months.	Further, the run off from the paved and unpaved roads shall be connected to a storm water drain and shall be routed to a Rain water harvesting pond. The proposal feasibility is being studied through experts. The action plan and implementation report will be updated in the six monthly report- Annexure -3
VII.	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	Noted for Compliance. Through CSR, focusing on Soil & Water conservation, Livelihood development, medical facilities, etc., as per the requirements of the villagers, drinking water facilities are being established.
VIII.	CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration.	Noted and Being complied with. Through CSR, focusing on Soil & Water conservation, Livelihood development and medical facilities etc. As of now around 54.6 lakhs has been spent to nearby villages. Enclosed the CSR report as Annexure – 10
IX.	Public grievances received against the establishment of the proposed project shall be addressed immediately.	Noted. As of now there is no public grievances received during establishment
X.	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Noted for Compliance. Monitoring mechanism are in place for schemes identification to nearby by community and the same is being reviewed by CSR corporate head and Unit head on monthly basis. Annual social audit shall be carried out and the implementation report will be updated in the half yearly compliance report.



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XI.	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the Organization.	Complied. A full fledged separate environmental cell is in place with an environment professional under the direct supervision of Unit Head. Also, will form department wise SPOC's persons to monitor the Environmental aspects/impacts for taking effective corrective measures through Environment Management programme (EMP).
XII.	All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees shall be ensured as per the Factories Act and records maintained.	Noted for Compliance during operation. Plant is under construction stage and pre-employment occupational health checkup has been conducted for employees. Once the plant commences operation, periodical health checkup of workers will be conducted and ensured as per the Factories Act and records shall be maintained.
XIII.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report.	Noted for Compliance.
XIV.	The company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	Noted for Compliance. Different types of Skill development training is being organized in nearby villages by recognized institute/competent person with the goal of helping residents improve the skills and livelihood. Also, through CSR, focusing on Soil & Water conservation, medical camps including for animals based on the need. Safe drinking water facilities are also being established.
XV.	The amount earmarked towards capital cost and recurring cost/annum shall be used for environmental pollution control measures and judiciously used to implement the conditions stipulated by the SEIAA, TN as well as the State Government. An	Being Complied with. As of now Capital cost invested for the pollution control measures is INR 7.64 crore. Every year, for environmental protection budget is allotted and will be spent wisely. Also, additional funds are being allocated separately for



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	implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Chennai. The funds so provided shall not be diverted for any other purpose.	implementing the conditions stipulated by MoEF & PCB from time to time. The funds provided for environmental pollution control measures is not be diverted for other purpose.
XVI.	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Regional office of the MOEF&CC at Chennai, TNPCB and CPCB within 3 months of issue of Environment Clearances.	Complied. A risk assessment study and disaster preparedness and management plan along with the mitigation measures have been provided in the EIA/EMP report, and submitted to SEIAA, Tamil Nadu, during appraisal for EC and have also been submitted to TNPCB.
XVII.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, TN and copies of clearance letter are available with the TNPCB and may also be seen at Website of the SEIAA, TN at http://seiaa.tn.gov.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office of the MoEF&CC at Chennai.	Complied. A public notice informing about grant of EC has been published in two newspapers named "Indian Express" of Madurai edition and "Daily THANTHI" on 19 th June 2022 in English as well as in vernacular language i.e. Tamil respectively. Copy of Advertisements are attached as Annexure-7
XVIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of	Noted and being complied. EC grated by SEIAA Tamil Nadu vide EC Identification No. - EC22B009TN138448, File No. - 8848 on 18 th June 2022. The first six-monthly compliance report is proposed to submit in May 2023 both in Hard copies and Soft copy via mail.



S. No	Conditions	Compliance status
	MoEF&CC, Chennai, the Zonal Office CPCB Bengaluru and the TNPCB. This shall also be put on the website of the Company by the proponent.	Copy of EC and half yearly compliance report will be uploaded in the company website. i.e., https://www.dalmiacement.com/sustainability/ .
XIX.	The Environmental Statement for each financial year ending 31 st March in Form-V as is mandated has to be submitted by the project proponent to the Tamil Nadu pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently and shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF&CC, Chennai by e-mail.	Noted. Environmental Statement will be submitted to TNPCB during the operational phase.
XX.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. Copy of EC and half yearly compliance report will be uploaded in the company website. i.e., https://www.dalmiacement.com/sustainability/ . The plant is under construction stage and yet to commence operation. The online monitoring data shall be connected to the CARE AIR, TNPCB and to CPCB server. Also, manual monitoring report will be carried out through NABL accredited labs and its report shall be submitted to half yearly to MoEF regional office & quarterly to TNPCB. The real time data is displayed at the main gate.



S. No	Conditions	Compliance status
XXI.	A copy of the clearance letter shall be sent by the proponent to the local body and the Local NGO, if any, from whom suggestions/representations, if any. were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	<p>Noted for Compliance.</p> <p>Environmental clearance has been uploaded on company's website i.e. https://www.dalmiacement.com/sustainability/ .</p> <p>The copy of EC has been sent to local body and the acknowledgement has been enclosed as Annexure -8</p>
XXII.	Project authorities shall inform the MoEF&CC Regional Office at Chennai as well as the SEIAA, TN, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	<p>Noted for Compliance.</p> <p>The land developmental work started on 28.06.2022. Financial closure date will be informed to MoEF&CC Regional Office, Chennai as well as the SEIAA, TN as and when done.</p>
XXIII.	Full cooperation shall be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry/CPCB/ SPCB who would be monitoring the compliance of environmental status.	<p>Noted.</p>
XXIV.	The SEIAA, TN reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the SEIAA, TN. The SEIAA. TN may also impose additional environmental conditions or modify the existing ones, if necessary.	<p>Noted.</p>
XXV.	Environmental Clearance is issued based on the details furnished as above. Concealing factual data o. submission of false/fabricated data and failure to comply with any of the conditions mentioned above	<p>Noted.</p>



S. No	Conditions	Compliance status
	may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	
XVI.	The SEIAA, TN reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
XVII.	The above stipulations would be enforced, inter-alia under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments, the Public Liability Insurance Act. 1991 and its amendments.	Noted.
XVIII.	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.





**GOVERNMENT OF TAMIL NADU
WATER RESOURCE DEPARTMENT**

From:

Er. S. Prabakaran, B.E.,
Chief Engineer, WRD,
State Ground & Surface Water
Resources Data Centre
Tharamani, Chennai 600 113.
Phone : 91-44-22542223 (Direct)
91-44-22541526/27(Board)
Email: cegwchennai@gmail.com
Web site: www.groundwatertnpwd.org.in

To:

**M/s. Dalmia Bharat Green Vision
Limited,**
No. 66/3A & 3B, Uppathur Road,
Mulliseval Village, Sattur Taluk,
Virudhunagar District- 626 205.

Lr.No.DD(G)/OT 10/G-6/103/Fresh NOC/Karaikudi/2022/dated: 25.08.2022.

Sir,

**Sub: "No Objection Certificate" for drawal of groundwater to
"M/s. Dalmia Bharat Green Vision Limited", Mulliseval Village,
Nalli Firka, Sattur Block, Sattur Taluk, Virudhunagar District -
Fresh NOC - Reg.**

**Ref: 1. The Industry NOC application Dated: 06.04.2022.
2. SE/GWC/Madurai/Lr.No. 219 ^{CE}/DD(G)/ AG/F.NOC/MDU/
2022 /Dt.08.08.2022.**

Please find the enclosed "No Objection Certificate", for drawal of groundwater to "M/s. Dalmia Bharat Green Vision Limited", Mulliseval Village, Nalli Firka, Sattur Block, Sattur Taluk, Virudhunagar District. As per the G.O.(Ms).No, 142. PW(R2)Dpt, dt;23.07.2014, NOC for the water based industries must be renewed every year. You are requested to strictly adhere to the quantity permitted and conditions mentioned in the certificate and **apply for renewal of NOC** before two months from the date of expiry without fail. If you fail to apply for renewal of NOC, it will be treated as "Illegal" and informed to District Monitoring Committee to seal the bore well in your unit as per Madras High Court order, dated.20.03.2020 in WP.No.16299/2018.

Enclosure:

1. No Objection Certificate & Conditions


Chief Engineer (SG&SWRDC)
WRD, Tharamani, Chennai-113.



Certificate No.103/2022

Dated: 25.08.2022

GOVERNMENT OF TAMIL NADU
WATER RESOURCES DEPARTMENT
STATE GROUND & SURFACE WATER RESOURCES DATA
CENTRE CHENNAI – 113
No Objection Certificate

This is to certify that "M/s. DALMIA BHARAT GREEN VISION LIMITED", Mulliseval Village, Nalli Firka, Sattur Block, Sattur Taluk, Virudhunagar District is hereby given the "No Objection Certificate" for the drawal of the total quantity of 2,10,000 LPD (Two Lakhs Ten Thousand litres per day) of groundwater for the purpose of "Industry" from the Ground water structure listed below with strict adherence to stipulated conditions.

Sl. No	Referred Well / Bore Well & SF. No	Village / Firka	Co-ordinates		Quantity Permitted for Pumping in LPD
			Latitude	Longitude	
1.	Bore Well-1/ 36/1C	Mulliseval / Nalli	09°16'14"N	77°55'06"E	50,000
2.	Bore Well-2/ 66/3B		09°16'10"N	77°55'15"E	60,000
3.	Bore Well-3/ 39/3		09°16'15"N	77°55'19"E	50,000
4.	Bore Well-4/ 23/4A		09°16'30"N	77°55'20"E	50,000
Total					2,10,000

This No Objection Certificate now issued is valid only for one year from the date of issue and the NOC is issued under the conditions laid down.


Chief Engineer (SG & SWRDC),
WRD, Tharamani, Chennai-113

Dalmia Bharat Green Vision Limited

Green belt is being developed at plant premises as per the submitted green belt development plan, in FY'2022-2023 we have planted 500 saplings.



Suresh

A circular blue stamp with the text "Dalmia Bharat Green Vision Limited" around the perimeter and "Sattur" in the center. A star is located at the bottom of the stamp.



**WATER REQUIREMENT ESTIMATION
AND
RAIN WATER HARVESTING POTENTIAL
CALCULATION
ALONG WITH
HYDROGEOLOGICAL NOTES**

For

Meenakshi Cement Works

M/s Dalmia Bharat Green Vision Limited

AREA - 52.41 Ha

**Address:- Village – Mulliseval & Peddureddipatti, Sattur
Taluka, Virudhunagar District, Tamil Nadu.**



Suresh

INTRODUCTION

M/s. Dalmia Bharat Green Vision Limited has proposed and been granted Environment Clearance by SEIA Tamil Nadu vide EC Identification No. EC22B009TN138448 dated 18.06.2022, Letter No. SEIAA/TN/F 8848/EC/ 3(b)/97/2021 dated 18th June 2022 and File No. 8848. for the setup of a Standalone Cement Grinding Unit at Mulliseval Village and Peddureddipatti Villages of Sattur Taluk, Virudhunagar District, Tamil Nadu State with a production capacity of 5.0 MTPA in Phases (Lines I & II of each 2.5 MTPA capacity).

DBGVL has planned to establish Phase-I/Line-I as mentioned in the submitted application and supporting evidence of EC, CTE, etc. viz., 1x2.5 MTPA Grinding Unit, and its construction work has been completed and is in the stage of commissioning. Line-II may be established after a couple of years.

DBGVL has obtained the NOC for 210 KLD of groundwater withdrawal vide Lr. No. DD(G)/OT 10/G-6/103/FreshNOC/Karalkudi/2022, dated 25.08.2022. with NOC Certificate No. 103/2022.

The total area of the project is around 52.41 ha. As per assessment of revised CGWB data the Plant area falls in "Safe" category and "Non-Notified" area type.



PROJECT DESCRIPTION

Name of the Project	Meenakshi Cement Works
Address	M/s Dalmia Bharat Green Vision Limited. Address:- Village – Mulliseval & Peddureddipatti, Sattur Taluka, Virudhunagar District, Tamil Nadu.
Location Details of the Mining Unit	
Village	Mulliseval & Peddureddipatti
Tehsil	Sattur
Block	Sattur
District	Virudhunagar
State	Tamil Nadu
CGWB Area Type	Non-Notified
CGWB Area Type Category	Safe
Toposheet Number	58G/15
Geographic coordinate	9°16'22.85"N, 77°55'14.88"E (9.273014°, 77.920800°)

Nearby Project Area	
Nearest Populated land	Mulliseval village is the nearest village within 2km from Project area.
Village With in 2 km	Nalli, Venkatswarapuram,
Nearest Town	Sattur (8.90km North)
NH	NH -44 about 1.276km West
Village Road	0.1km south
Pernal Stream/Nala	Vaippar
River	Vaippar River (7.60 km North Direction)

Details of the Industrial Unit	
Climate	Sub-Tropical
Annual Average Rainfall of Last 5 years	820 mm (As per CRIS Rainfall 2017 - 2021)
Temperature	Maximum 40.2°C Minimum 19.3°C
Geomorphology	
Major Physiographic Units	1. Flood Plain, 2. Bazada, 3. Pediment, 4. Shallow & deep buried Pediments and 5. Structural Hills.
Topography of Area	Flat to gentle sloping
Geomorphic unit	plain terrain with a gentle slope toward East and Southeast
River Basin	Vaippar River Basin

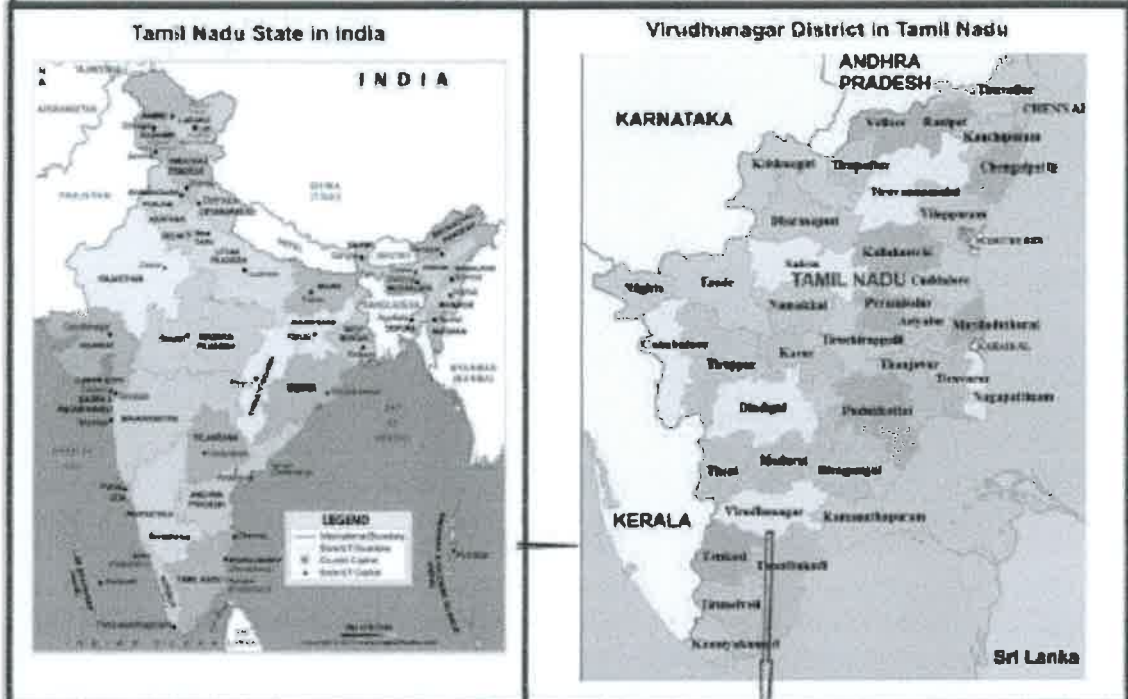

[Signature]

Major Drainages	Vaippar – Gundar
Nearest River	Vaippar river
Drainage Pattern	Sub-Parallel Pattern
Drainage Density	Low to Medium
Average Elevation of the Area	93 m Above msl
Major Soil Types	Deep Red Loam and Red Sandy Soil
Geology	
Predominant Geological Formations	Migmatite Complex
Rock Type	Hornblende Biotite Gneiss
Nature of formations in the area	The formation is very hard and complex while Biotite gets weathered slowly. Overall rocks get disintegrate instead of weathering.
Hydrogeology	
Major Water Bearing Formation	Fractures and joints leads to existence of water in rock. No primary porosity.
Pre-monsoon Depth to Water Level	25-30 m bgl
Post-monsoon Depth to Water Level	10 m bgl
Recharge Structure	As Gneiss is known by their hard and compact nature. They are very weak unless fractured at deeper section with deep recharge shaft and percolation pond sometimes with injection well.



Sunny

Dalmia Bharat Green Vision Limited
 Settur Cement Grinding Unit
 Fig. : 1.1 Index Map



Proposed SCGU Site in Virudhunagar District

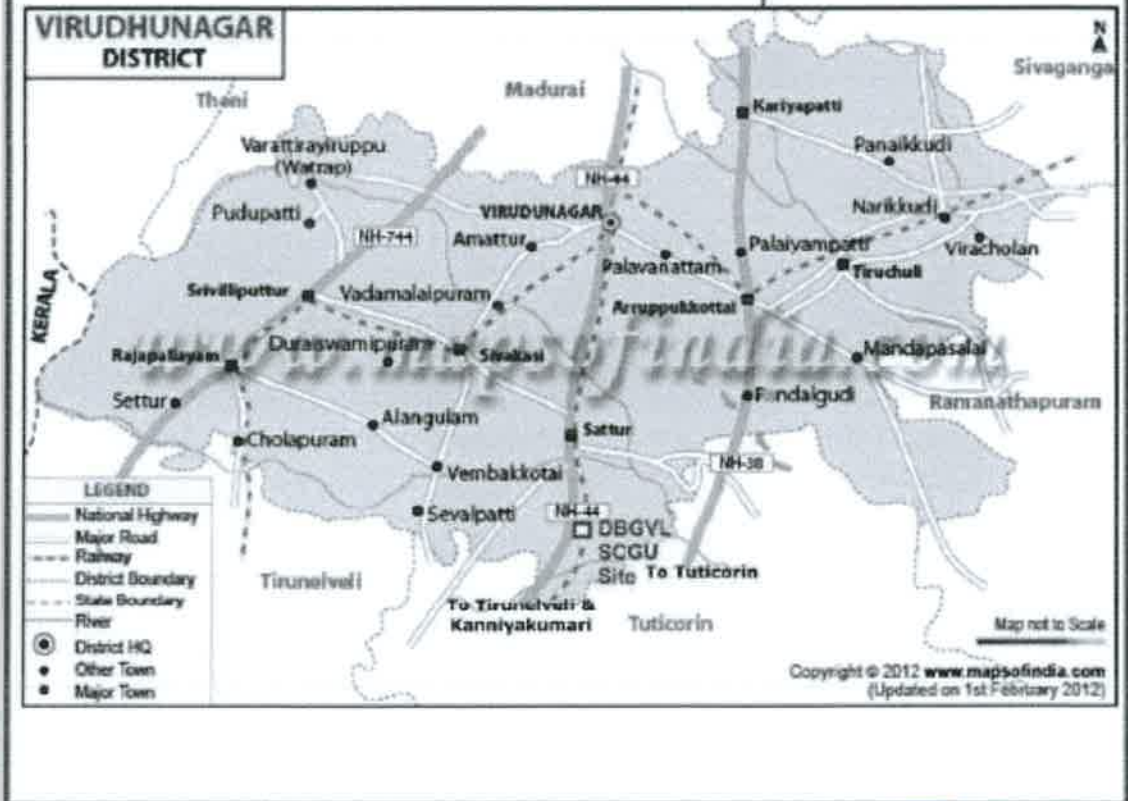
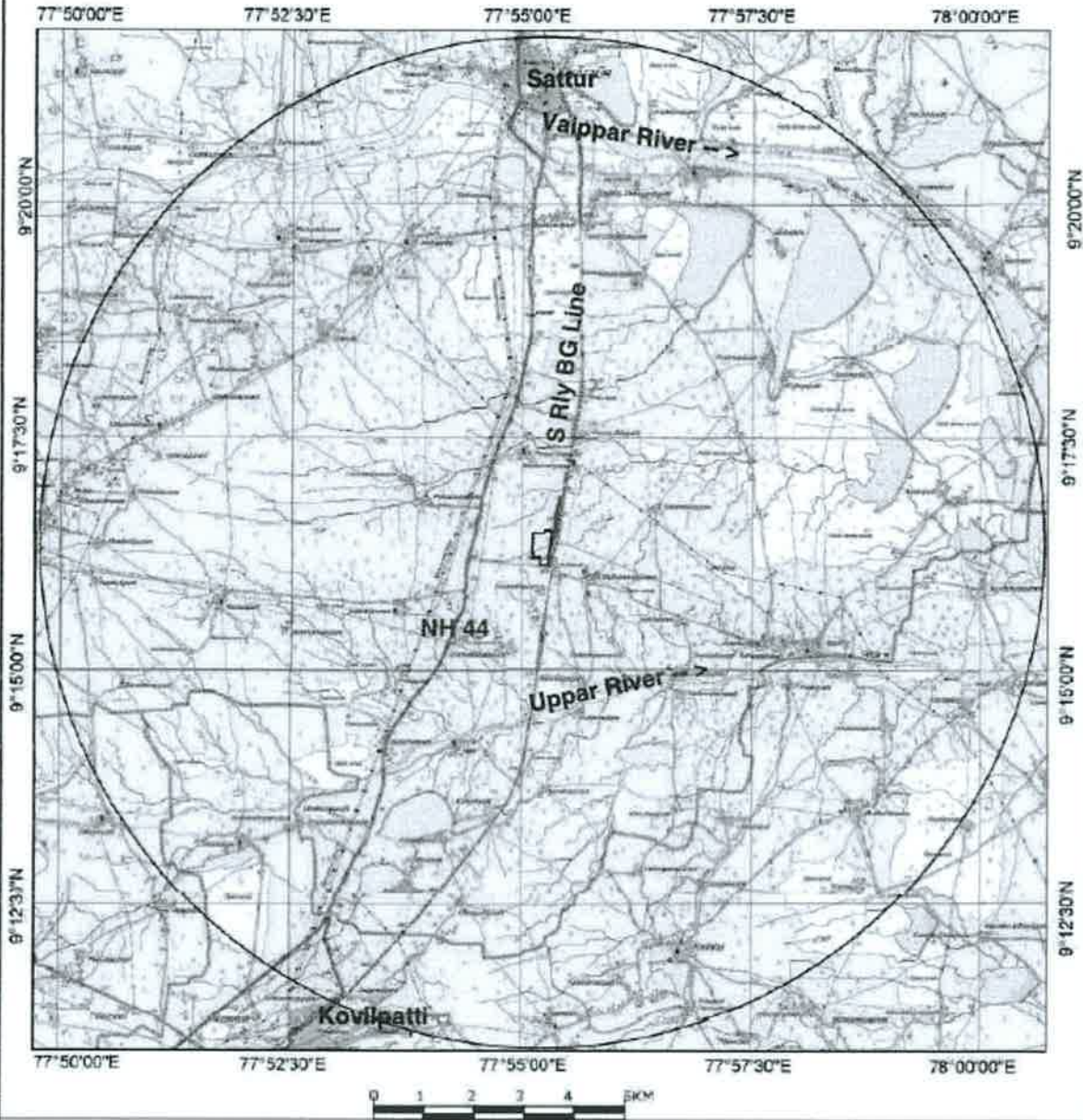


Fig I – Location Map of Study area



Dalmia Bharat Green Vision Limited
Sattur Cement Grinding Unit
Fig. : 1.2 Topo Map (10 km Radius)



LEGEND

-  SITE
-  RAILWAY SIDING

Fig II - Index Map of the Study area



Plate : II Site in High Resolution Satellite Imagery

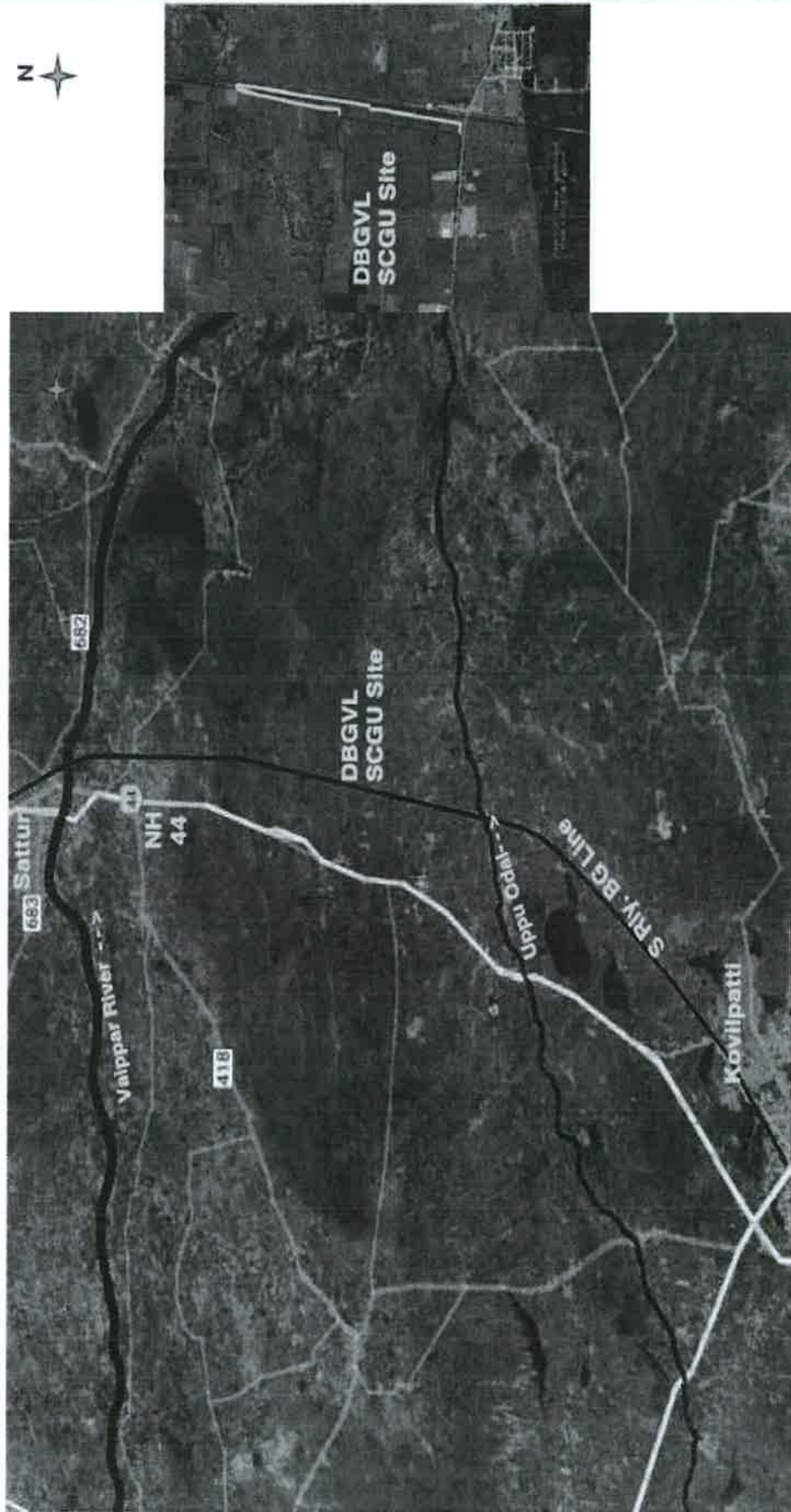


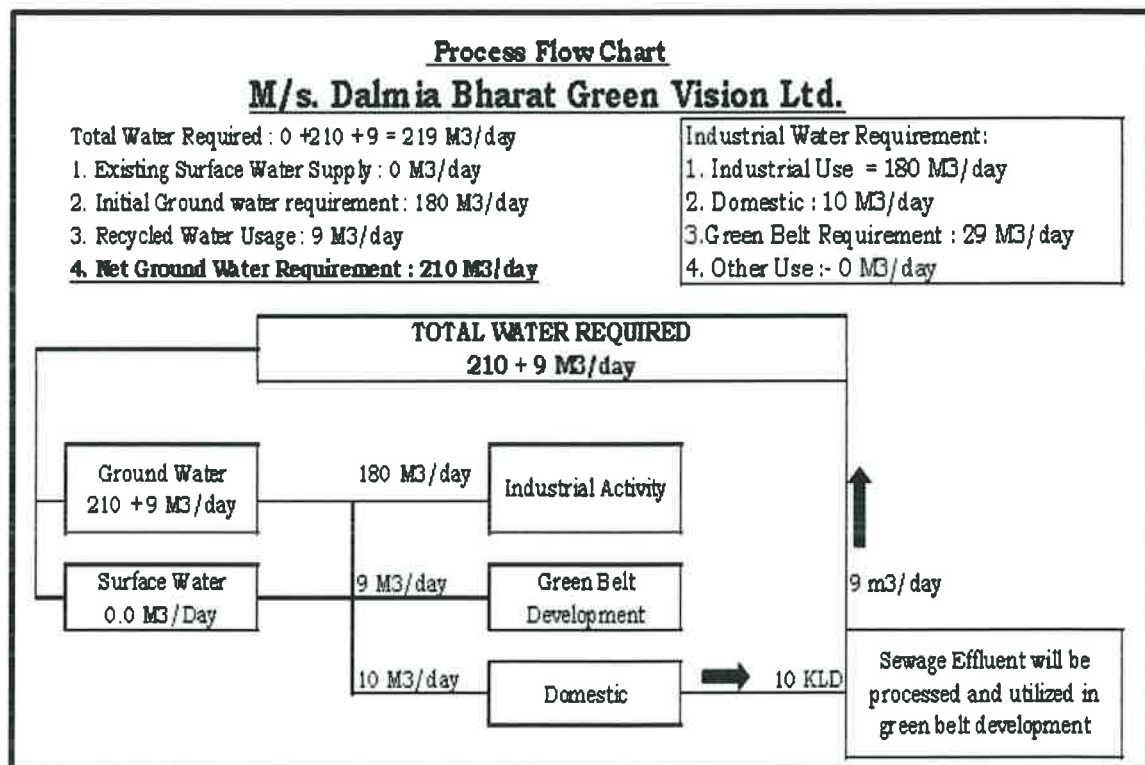
Fig III - Google Map of the Study area



Sattur

Annual Ground Water Requirement estimation:

Present Daily Water Requirement	10.00 m ³ /day for Domestic use 180 m ³ /day for Industrial Use (Cooling) 29 m ³ /day for Green Belt Development NET GROUND WATER REQUIREMENT =210.00 m³/day.
Operation Days in Year	365 Days
Surface Water supply through any agency	00 KLD
Ground Water supply through own Bore well	210 KLD
Annual ground Water Requirement	210.00*365 = 76,650 m³/year.
CGWB Area Type	Non-Notified
CGWB Area Type Category	Safe



Rain Water Harvesting Potential Estimation

Area Statement:

S. No.	Particulars	Area in SQM
1.	Building and Shed	22486
2.	Road/Paved Area	44151
2.	Green Belt Area	173000
3.	Open Area	284462
Total Area		524100

Table – Calculation of available run-off for Recharge

Sr. No.	Land use type	Total area (in m ²)	Annual Rainfall (in m)	Amount of water that received Through Rain (in m ³)	Co-efficient of runoff	Quantity of Rainwater (in m ³)
1.	Building/sheds	22486	0.820	18439	0.85	15673
2.	Road/ Paved Area	44151	0.820	36204	0.65	23532
3.	Green belt area Approx.	173000	0.820	141860	0.15	21279
4.	Open land area	284463	0.820	233260	0.2	46652
Total		524100	Total Quantum of available runoff (cum/y)		107136	

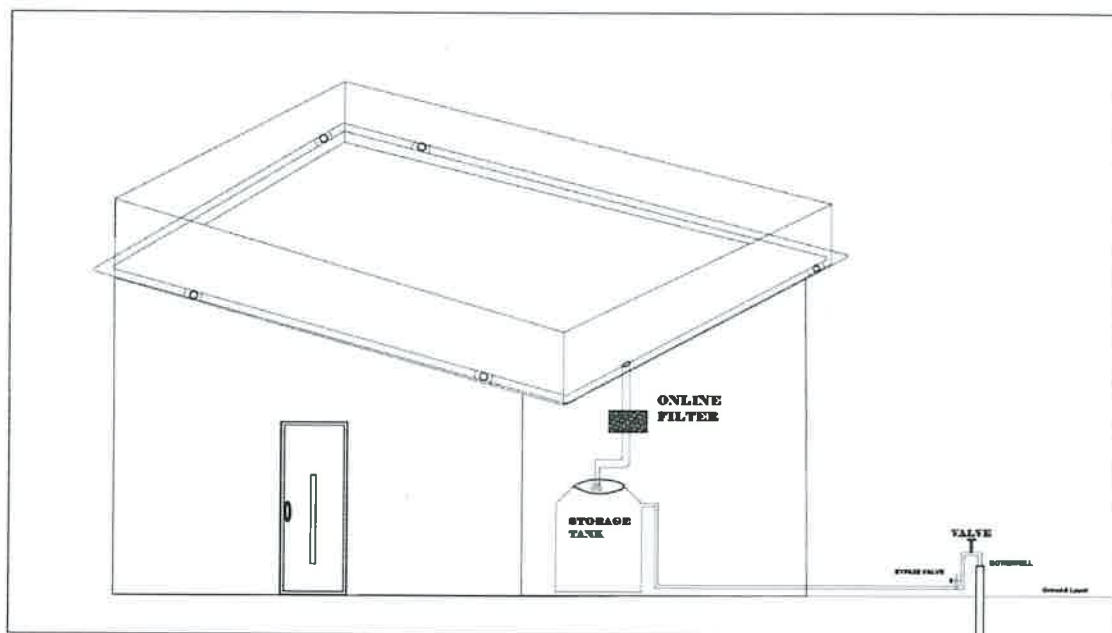
From the above, it is observed that a total potential of 107136 m³ of rainfall run-off can be harvested annually within the premises of M/s. Dalmia Bharat Green Vision Ltd. The main source for above ground water demand of 210 cu. m. per day or 76,560 cum. per year will be fulfilled from the proposed existing four bore-wells. The depth of the borewell is around 120 m, and the average yield is about 5 m³/hour. To nullify the effect of groundwater withdrawal within the premises of M/s. Dalmia Bharat Green Vision Ltd., the company has taken measures to harvest rainwater. Based on the maximum hourly rainfall intensity, it has been worked out that there will be a recharge pit for direct recharge of rooftop rainwater, which will be initially collected in tanks after passing through online filters, and the overflow of tanks will be passed to existing borewells. Hence, two recharge pits will be constructed within the premises, and one water reservoir with a direct recharge shaft and filter pit will be constructed to achieve zero liquid discharge of rainwater outside the plant premises.



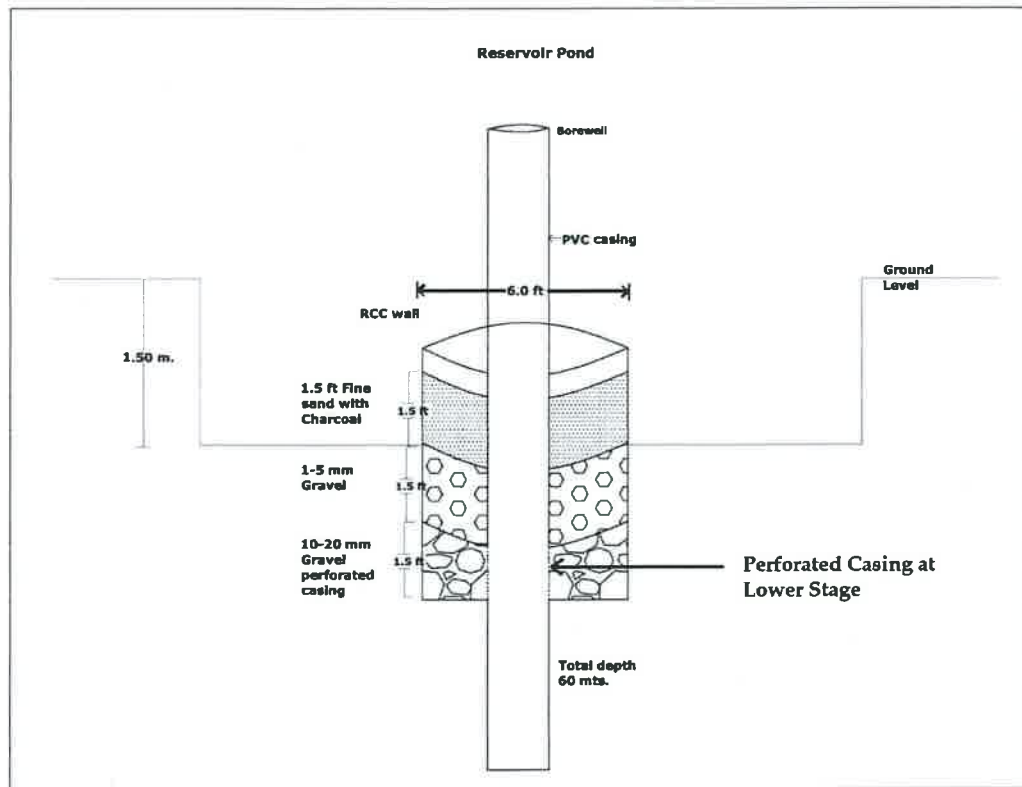
We will achieve our target of maximum groundwater recharge. We will follow all the norms and conditions stipulated by the State Groundwater Department in this regard. All the above structures will be constructed as per guidelines.

As per the project scenario, there is a probability of RWH with respect to the rooftop and reservoir pond, which will be established at a selective location where the design will be as follows:

Rooftop Rainwater Harvesting Design: -





Percolation Pond with Direct Recharge Pit:-



It has been proposed to recharge Rainwater Harvesting of 500 KL per year through rooftop rainwater harvesting and 25000 KL per year from a reservoir pond having a dimension of 40 x 40 x 3.5 m = 5600 KL. As per the norms, if the reservoir pond has a direct recharge shaft with a filter, it can recharge up to a minimum of 5 times the storage capacity. Hence, it may recharge up to 28000 KL per year of rainwater run-off from the project area.

DBGVL has planned to establish Phase-I/Line-I as mentioned in the submitted application and supporting evidence of EC, CTE, etc., viz., a 1x2.5 MTPA Grinding Unit whose construction work has been completed and is in the stage of commissioning. Rainwater harvesting implementation is in progress, and the above mentioned harvesting structures will be completed by the end of March 2024. We shall try our best to achieve 100% Rainwater Harvesting of the available rainwater run-off potential in the project area.



Sattur



GLens Innovation Labs Pvt Ltd.

NABL ACCREDITED AS PER ISO/IEC 17025 : 2017, CERTIFIED AS PER ISO 9001:2015 & ISO 45001 : 2018

TEST REPORT

Report No	: MI23030013-07	Report Date	: 13 Mar 2023
Customer Name	: M/S. Dalmia Bharat Green vision Ltd		
Customer Address	: P.No.66/ 3A, 3B Upathar Main Road, Virudhunagar District, Mulliseval Village, Sattur Taluk, Tamil Nadu-626205		
Sample Name	: Ambient Air Quality		
Sample Description	: Ambient Air Quality	Sampling Date & Time	: 08 Mar 2023
Sample No	: MI23030013-07		: 09.20am to 05.20pm
Sampling Location	: Near Water treatment plant	Sample Received on	: 09 Mar 2023
Sample Condition	: Fit for Analysis	Test Started on	: 09 Mar 2023
Relative Humidity	: 62%	Test Completed on	: 11 Mar 2023
Sampling Procedure	: IS 5182 Part V & XIV	Ambient Temperature	: 34°C
Sample Submission Type	: Collected by Lab representative		

Test Results

Sl.No	Test Name	Test Method	Results	Units	Requirement as per NAAQS Specification
1	Sulphur Dioxide as SO ₂	IS 5182 (Part 2):2001	20.4	µg/m ³	80
2	Nitrogen Dioxide as NO ₂	IS 5182 (Part 6):2006	26.5	µg/m ³	80
3	Particulate Matter (PM 10)	IS 5182 (Part 23):2006	58.1	µg/m ³	100
4	Particulate Matter (PM 2.5)	GL/EN/SOP/062	25.0	µg/m ³	60
5	Ozone as O ₃	IS 5182 (Part 9):1974	BDL(DL:20.0)	µg/m ³	100
6	Lead as Pb	IS 5182 (Part 22):2004	BLQ(LOQ:0.002)	µg/m ³	1
7	Carbon Monoxide as CO (1 hour)	IS 5182 (Part 10):1999	BDL(DL:1.14)	mg/m ³	4
8	Ammonia as NH ₃	GL/EN/SOP/057	BDL(DL:20.0)	µg/m ³	400
9	Benzene	GL/EN/SOP/08	BLQ(LOQ:4.0)	µg/m ³	-
10	Benzo (a)Pyrene (Particulate Phase)	GL/EN-INS/SOP/09	BLQ(LOQ:0.03)	ng/m ³	-
11	Arsenic as As	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-
12	Nickel as Ni	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-

Remarks : The above Sample complies as per NAAQS limit which is provided in the environmental protection Rule 3 (3B) Nov.2009, against the above tested parameter.

Note : BDL: Below Detection Limit, DL: Detection Limit / NAAQS: National Ambient Air Quality Standard
BLQ-Below Limit of Quantification, LOQ-Limit of Quantification

End of Report


Verified by


Authorized Signature

E. PRITHIVIRAJAN
LAB MANAGER

#6/1,1st Floor, Sri Jothi Complex, Murugesan Street, Balavinayagar Nagar, Arumbakkam, Chennai - 600106.

Terms and Conditions:

* The Test Results Relate only to the Items tested. * The Test Report Shall not be reproduced in full or part without the written approval of Glens. * The test Items will not be retained for more than 15 days from the date of issue of test report excepts in the case as required by the application regulations. * The Laboratory's Responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount. * A Satisfactory test report in no way implies that the product so tested is approved by NABL. * Laboratory is not responsible for the authenticity of photocopied test reports.

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GLens Innovation Labs Pvt Ltd.

NABL ACCREDITED AS PER ISO/IEC 17025 : 2017, CERTIFIED AS PER ISO 9001:2015 & ISO 45001 : 2018

TEST REPORT

Report No : MI23030013-08 **Report Date** : 13 Mar 2023
Customer Name : M/S. Dalmia Bharat Green vision Ltd
Customer Address : P.No.66/ 3A, 3B Upathar Main Road, Virudhunagar District, Mulliseval Village, Sattur Taluk, Tamil Nadu-626205
Sample Name : Ambient Air Quality
Sample Description : Ambient Air Quality **Sampling Date & Time** : 08 Mar 2023
Sample No : MI23030013-08 **Sampling Date & Time** : 09.30am to 05.30pm
Sampling Location : Near Construction water supply room **Sample Received on** : 09 Mar 2023
Sample Condition : Fit for Analysis **Test Started on** : 09 Mar 2023
Relative Humidity : 60% **Test Completed on** : 11 Mar 2023
Sampling Procedure : IS 5182 Part V & XIV **Ambient Temperature** : 30.4°C
Sample Submission Type : Collected by Lab representative

Test Results

Sl.No	Test Name	Test Method	Results	Units	Requirement as per NAAQS Specification
1	Sulphur Dioxide as SO ₂	IS 5182 (Part 2):2001	19.2	µg/m ³	80
2	Nitrogen Dioxide as NO ₂	IS 5182 (Part 6):2006	20.4	µg/m ³	80
3	Particulate Matter (PM 10)	IS 5182 (Part 23):2006	48.1	µg/m ³	100
4	Particulate Matter (PM 2.5)	GL/EN/SOP/062	16.5	µg/m ³	60
5	Ozone as O ₃	IS 5182 (Part 9):1974	BDL(DL:20.0)	µg/m ³	100
6	Lead as Pb	IS 5182 (Part 22):2004	BLQ(LOQ:0.002)	µg/m ³	1
7	Carbon Monoxide as CO (1 hour)	IS 5182 (Part 10):1999	BDL(DL:1.14)	mg/m ³	4
8	Ammonia as NH ₃	GL/EN/SOP/057	BDL(DL:20.0)	µg/m ³	400
9	Benzene	GL/EN/SOP/08	BLQ(LOQ:4.0)	µg/m ³	-
10	Benzo (a)Pyrene (Particulate Phase)	GL/EN-INS/SOP/09	BLQ(LOQ:0.03)	ng/m ³	-
11	Arsenic as As	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-
12	Nickel as Ni	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-

Remarks : The above Sample complies as per NAAQS limit which is provided in the environmental protection Rule 3 (3B) Nov.2009, against the above tested parameter.

Note : BDL: Below Detection Limit, DL: Detection Limit / NAAQS: National Ambient Air Quality Standard
BLQ-Below Limit of Quantification, LOQ-Limit of Quantification

End of Report

Verified by

Authorized Signature
E. PRITHIVIRAJAN
LAB MANAGER

#5/1, 1st Floor, Sri Jothi Complex, Murugesan Street, Balavinayagar Nagar, Arumbakkam, Chennai - 600106.

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Glens Innovation Labs Pvt Ltd.

NABL ACCREDITED AS PER ISO/IEC 17025 : 2017, CERTIFIED AS PER ISO 9001:2015 & ISO 45001 : 2018

TEST REPORT

Report No : MI23030013-09 **Report Date** : 13 Mar 2023
Customer Name : M/S. Dalmia Bharat Green vision Ltd
Customer Address : P.No.66/ 3A, 3B Upathar Main Road, Virudhunagar District, Mulliseval Village, Sattur Taluk, Tamil Nadu-626205
Sample Name : Ambient Air Quality
Sample Description : Ambient Air Quality **Sampling Date & Time** : 08 Mar 2023
Sample No : MI23030013-09 **09.40am to 05.40pm**
Sampling Location : Near Clinker silo **Sample Received on** : 09 Mar 2023
Sample Condition : Fit for Analysis **Test Started on** : 09 Mar 2023
Relative Humidity : 56% **Test Completed on** : 11 Mar 2023
Sampling Procedure : IS 5182 Part V & XIV **Ambient Temperature** : 31°C
Sample Submission Type : Collected by Lab representative

Test Results

Sl.No	Test Name	Test Method	Results	Units	Requirement as per NAAQS Specification
1	Sulphur Dioxide as SO ₂	IS 5182 (Part 2):2001	18.6	µg/m ³	80
2	Nitrogen Dioxide as NO ₂	IS 5182 (Part 6):2006	20.9	µg/m ³	80
3	Particulate Matter (PM 10)	IS 5182 (Part 23):2006	50.8	µg/m ³	100
4	Particulate Matter (PM 2.5)	GL/EN/SOP/062	14.6	µg/m ³	60
5	Ozone as O ₃	IS 5182 (Part 9):1974	BDL(DL:20.0)	µg/m ³	100
6	Lead as Pb	IS 5182 (Part 22):2004	BLQ(LOQ:0.002)	µg/m ³	1
7	Carbon Monoxide as CO (1 hour)	IS 5182 (Part 10):1999	BDL(DL:1.14)	mg/m ³	4
8	Ammonia as NH ₃	GL/EN/SOP/057	BDL(DL:20.0)	µg/m ³	400
9	Benzene	GL/EN/SOP/08	BLQ(LOQ:4.0)	µg/m ³	-
10	Benzo (a)Pyrene (Particulate Phase)	GL/EN-INS/SOP/09	BLQ(LOQ:0.03)	ng/m ³	-
11	Arsenic as As	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-
12	Nickel as Ni	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-

Remarks : The above Sample complies as per NAAQS limit which is provided in the environmental protection Rule 3 (3B) Nov.2009, against the above tested parameter.

Note : BDL: Below Detection Limit, DL: Detection Limit / NAAQS: National Ambient Air Quality Standard
BLQ-Below Limit of Quantification, LOQ-Limit of Quantification

End of Report

Verified by

Authorized Signature

E. PRITHVIRAJAN
LAB MANAGER

#6/1,1st Floor, Sri Jothi Complex, Murugesan Street, Balavinayagar Nagar, Arumbakkam, Chennai – 600106.

Terms and Conditions:

* The Test Results Relate only to the Items tested. * The Test Report Shall not be reproduced In full or part without the written approval of Glens. * The test Items will not be retained for more than 15 days from the date of issue of test report excepts in the case as required by the application regulations. * The Laboratory's Responsibility under this report is limited to proven wilful negligence and will In no case be more than the Invoiced amount. * A Satisfactory test report In no way implies that the product so tested is approved by NABL. * Laboratory Is not responsible for the authenticity of photocopied test reports.

WARNING: Attention is drawn to the limitations of the liability, indemnification and jurisdictional issues established there in any holder of their document is advised that information contained hereon reflex the company's findings at the time of its intervention only and within the limits of client's Instructions, If any. The company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document.



GLens Innovation Labs Pvt Ltd.

NABL ACCREDITED AS PER ISO/IEC 17025 : 2017, CERTIFIED AS PER ISO 9001:2015 & ISO 45001 : 2018

TEST REPORT

Report No : MI23030013-10 **Report Date** : 13 Mar 2023
Customer Name : M/S. Dalmia Bharat Green vision Ltd
Customer Address : P.No.66/ 3A, 3B Upathar Main Road, Virudhunagar District, Mulliseval Village, Sattur Taluk, Tamil Nadu-626205
Sample Name : Ambient Air Quality
Sample Description : Ambient Air Quality **Sampling Date & Time** : 08 Mar 2023
Sample No : MI23030013-10 09.50am to 05.50pm
Sampling Location : Near Switch Yard **Sample Received on** : 09 Mar 2023
Sample Condition : Fit for Analysis **Test Started on** : 09 Mar 2023
Relative Humidity : 62% **Test Completed on** : 11 Mar 2023
Sampling Procedure : IS 5182 Part V & XIV **Ambient Temperature** : 33°C
Sample Submission Type : Collected by Lab representative

Test Results

Sl.No	Test Name	Test Method	Results	Units	Requirement as per NAAQS Specification
1	Sulphur Dioxide as SO ₂	IS 5182 (Part 2):2001	23.9	µg/m ³	80
2	Nitrogen Dioxide as NO ₂	IS 5182 (Part 6):2006	26.5	µg/m ³	80
3	Particulate Matter (PM 10)	IS 5182 (Part 23):2006	55.9	µg/m ³	100
4	Particulate Matter (PM 2.5)	GL/EN/SOP/062	27.1	µg/m ³	60
5	Ozone as O ₃	IS 5182 (Part 9):1974	BDL(DL:20.0)	µg/m ³	100
6	Lead as Pb	IS 5182 (Part 22):2004	BLQ(LOQ:0.002)	µg/m ³	1
7	Carbon Monoxide as CO (1 hour)	IS 5182 (Part 10):1999	BDL(DL:1.14)	mg/m ³	4
8	Ammonia as NH ₃	GL/EN/SOP/057	BDL(DL:20.0)	µg/m ³	400
9	Benzene	GL/EN/SOP/08	BLQ(LOQ:4.0)	µg/m ³	-
10	Benzo (a)Pyrene (Particulate Phase)	GL/EN-INS/SOP/09	BLQ(LOQ:0.03)	ng/m ³	-
11	Arsenic as As	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-
12	Nickel as Ni	IS 5182 (Part 22):2004	BLQ(LOQ:2.0)	ng/m ³	-

Remarks : The above Sample complies as per NAAQS limit which is provided in the environmental protection Rule 3 (3B) Nov.2009, against the above tested parameter.

Note : BDL: Below Detection Limit, DL: Detection Limit / NAAQS: National Ambient Air Quality Standard
BLQ-Below Limit of Quantification, LOQ-Limit of Quantification

End of Report


Verified by


Authorized Signature

E. PRITHVIRAJAN
LAB MANAGER

#6/1,1st Floor, Sri Jothi Complex, Murugesan Street, Balavinayagar Nagar, Arumbakkam, Chennai - 600106.

Terms and Conditions:

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Glens Innovation Labs Pvt Ltd.

NABL ACCREDITED AS PER ISO/IEC 17025 : 2017, CERTIFIED AS PER ISO 9001:2015 & ISO 45001 : 2018

TEST REPORT

Sample code : MI23030013-01 TO 06 **Report Date** : 13 Mar 2023
Customer Name : M/S. Dalmia Bharat Green vision Ltd
Customer Address : P.No.66/ 3A, 3B Upathar Main Road, Virudhunagar District, Mulliseval Village, Sattur Taluk, Tamil Nadu-626205
Sample Description : Fugitive Emission **Sampling Date** : 08 Mar 2023
Sample No : MI23030013-01 TO 06 **Sample Received on** : 09 Mar 2023
Sample Condition : Fit for Analysis **Test Started on** : 09 Mar 2023
Test Completed on : 11 Mar 2023
Sample Submission Type : Collected by Lab Representative

Test result

S.No	Sample Location	Test Name	Test Method	Results	Units
1	Main gate entrance	Respirable Suspended Particulate matter	NIOSH-0600	90.7	µg/m ³
2	Near Batching plant (Arun Excello)	Respirable Suspended Particulate matter	NIOSH-0600	75.2	µg/m ³
3	Near Batching Plant (Sathiapal)	Respirable Suspended Particulate matter	NIOSH-0600	74.7	µg/m ³
4	Near Cement mill construction	Respirable Suspended Particulate matter	NIOSH-0600	70.1	µg/m ³
5	Near Packing plant construction	Respirable Suspended Particulate matter	NIOSH-0600	60.6	µg/m ³
6	Near Raw water pond construction (Dumping yard)	Respirable Suspended Particulate matter	NIOSH-0600	90.4	µg/m ³

Verified by

.....End of Report.....
 Page 1 of 1

Authorized Signature

E. PRITHIVIRAJAN
 LAB MANAGER

#6/1, 1st Floor, Sri Jothi Complex, Murugesan Street, Balavinayagar Nagar, Arumbakkam, Chennai - 600106.

Terms and Conditions:

* The Test Results Relate only to the items tested. * The Test Report Shall not be reproduced in full or part without the written approval of Glens. * The test items will not be retained for more than 15 days from the date of issue of test report excepts in the case as required by the application regulations. * The Laboratory's Responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount. * A Satisfactory test report in no way implies that the product so tested is approved by NABL. * Laboratory is not responsible for the authenticity of photocopied test reports.

WARNING: Attention is drawn to the limitations of the Liability, indemnification and jurisdictional issues established there in any holder of their document is advised that information contained hereon reflex the company's findings at the time of its intervention only and within the limits of client's instructions, if any. The company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document.

Category of the Industry :

RED



CONSENT ORDER NO. 2201145092256 DATED: 27/06/2022.

PROCEEDINGS NO.T4/TNPCB/F.2231VDR/RL//VDR/W/2022 DATED: 27/06/2022

SUB: TNPC Board-Consent for Establishment-M/S PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD. S.F No. Survey Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village , MULLISEVAL Village, Sattur Taluk, Virudhunagar District - for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution)Act,1974, as amended in 1988(Central Act 6 of 1974)- Issued-Reg.

REF: 1. Unit's application no. 45092256 dated: 12.05.2022
2. IR.No : F.2231VDR/RL/JCEE-M/VDR/2022 dated 16/06/2022
3. Minutes of the 199th TSC meeting vide item No. 199-05 dated:22.06.2022.

Consent to establish or take steps to establish is hereby granted under Section 25 of the Water (Prevention and control of Pollution) Act,1974, as amended in 1988(Central Act 6 of 1974) (hereinafter referred to as 'The Act') and the Rules and Orders made there under to

Dy. Executive Director,

PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD.

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F. No.Survey Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village ,
MULLISEVAL Village,
Sattur Taluk,
Virudhunagar District.

This Consent to establish is valid upto **March 31, 2029**, or till the industry obtains consent to operate under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 whichever is earlier subject to special and general conditions enclosed.

RATNAM
VIJAYABASKARAN

Digitally signed by RATNAM
VIJAYABASKARAN
Date: 2022.06.27 22:01:06 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To

Dy. Executive Director,

M/s.PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD.,
Dalmia Bharat Green Vision Limited

Trichy-Chidambaram Salai, Dalmiapuram, District Tiruchirappalli-621651, Tamil Nadu, India,
Pin: 621651

Copy to:

1. The Commissioner, SATHUR-Panchayat Union, Sattur Taluk, Virudhunagar District .
 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VIRUDHUNAGAR.
 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, TIRUNELVELI.
 4. File
-

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/ byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Cement (OPC/PPC/PSC/PCC)	5	Million TPA

2. The unit shall provide Sewage Treatment Plant and /or Effluent Treatment Plant as indicated below.

a	Sewage Treatment Plant:
Treatment status: Individual STP	

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	STP 1 of MBBR Technology nearby CCR Building	1	5 KLD capacity
2.	STP 2 of MBBR Technology nearby canteen	1	5 KLD capacity
3.	BAR SCREEN -STP 1	1	1mx0.5m
4.	BAR SCREEN CHAMBER- STP 1	1	1mx0.5mx1.5m
5.	OIL & GREASE TANK-STP 1	1	1mx0.56mx2.5m
6.	GRIT TANK-STP 1	1	1mx0.56mx2.5m
7.	EQUALIZATION TANK -STP 1	1	3KL
8.	STP TANK - STP 1	1	2mx1.5mx1.5m
9.	TREATED WATER TANK -STP 1	1	1.5KL
10.	SLUDGE HOLDING TANK -STP 1	1	1.0m x 0.5m x 1.0m
11.	Sludge Drying Bed - STP 1	3	1.0m x 1.0m x 1.0m
12.	BAR SCREEN -STP 2	1	1mx0.5m
13.	BAR SCREEN CHAMBER- STP 2	1	1mx0.5mx1.5m
14.	OIL & GREASE TANK-STP 2	1	1mx0.56mx2.5m
15.	GRIT TANK-STP 2	1	1mx0.56mx2.5m
16.	EQUALIZATION TANK -STP 2	1	3KL
17.	STP TANK - STP 2	1	2mx1.5mx1.5m
18.	TREATED WATER TANK -STP 2	1	1.5KL
19.	SLUDGE HOLDING TANK -STP 2	1	1.0m x 0.5m x 1.0m
20.	Sludge Drying Bed - STP 2	3	1.0m x 1.0m x 1.0m
21.	NaOCI DOSING SYSTEM- STP1	2	UC - 11 (MODEL)
22.	NaOCI DOSING SYSTEM- STP 2	2	UC - 11 (MODEL)
23.	MULTI-GRADE FILTER - STP 1	1	NGMF - 20 (MODEL)
24.	ACTIVATED CARBON FILTER STP 1	1	NGMA - 20 (MODEL)
25.	ACTIVATED CARBON FILTER STP 2	1	NGMA - 20 (MODEL)
26.	MULTI-GRADE FILTER - STP 2	1	NGMF - 20 (MODEL)
27.	FILTER PRESS- STP 1	1	-

28.	FILTER PRESS- STP 2	1	-
b	Effluent Treatment Plant:		
Treatment status: No trade effluent and hence does not arise			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.			

3. This consent to establish is valid for establishing the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Within the plant for greenbelt development	9.0	Sewage will be treated in 2x5 KLD STP and treated water will be used on Industry's own land for Gardening/plantation
Effluent Type : Trade Effluent			

4. **Special Additional Conditions:**
The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.
5. **Additional Conditions:**

1. The unit shall comply with all conditions stipulated in Environmental Clearance obtained from SEIAA-TN vide Letter No. SEIAA-TN/F.8848/EC/3(b)/97/2021 dated:14.06.2022.
2. In accordance with Item No.9 of the EIA Notification, 2006, the unit shall possess valid EC while applying for CTO of the Board.
3. In accordance with Item No.11 of the EIA Notification, 2006, any new industry shall obtain NOC from MoEF/ SEIAA in the event of transfer of original EC in a different name.
4. The issue of CTE to the project shall not be construed as CTO and shall not commission the project without obtaining CTO from the Board.
5. The unit shall ensure that no trade effluent is generated at any stage of the process.
6. The unit shall treat and dispose the sewage through packaged type STP as reported so as to achieve the Sewage standards prescribed by Board.
7. The unit shall utilize the treated sewage for greenery development after ensuring the standards prescribed by the Board.
8. The unit shall not carry out manual cleaning of STP and shall adopt all safety precautions prescribed by competent Authorities during cleaning operations.
9. The unit shall provide the EMFMs at the inlet and outlet of STP with computer recording arrangements to record the instantaneous and cumulative flow readings.
10. The unit shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
11. The unit shall obtain and produce NOC from Competent Authority for drawl of ground water, before obtaining CTO of the Board.
12. The unit shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
13. The unit shall develop greenbelt on 33.33% of total area within/outside the premises.
14. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
15. Entire roof of the proposed sheds shall be covered with Solar panels and utilization of the Solar energy should not be less than 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
16. As accepted by the Project Proponent, an amount of Rs. 7.5 crore shall be spent at CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (R5. 3.6 Cr.) and Development of Nellai Wild Life Sanctuary, Ganigaikondan WLS & Koonthankulam Bird Sanctuary (Rs.3.9 Cr) in consultation with State Forest Department before obtaining CTO from TNPCB.
17. A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards
18. CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration.
19. Public grievances received against the establishment of the proposed project shall be addressed immediately.
20. The unit shall ensure that establishment activities shall not give rise to complaints.
21. In case of revision of consent fee by the Government, the unit shall remit the difference in consent fee amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
22. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

Digitally signed by RATNAM
VIJAYABASKARAN

Date: 2022.06.27 22:01:45 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

GENERAL CONDITIONS

1. This consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

**RATNAM
VIJAYABASKARAN**

Digitally signed by RATNAM
VIJAYABASKARAN
Date: 2022.06.27 22:02:17 +05'30'

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

Category of the Industry :

RED



CONSENT ORDER NO. 2201245092256 DATED: 27/06/2022.

PROCEEDINGS NO.T4/TNPCB/F.2231VDR/RL/VDR/A/2022 DATED: 27/06/2022

SUB: TNPC Board-Consent for Establishment-M/s. PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD. , S.F. No. Survey Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village , MULLISEVAL village, Sattur Taluk and Virudhunagar District - for the establishment or take steps to establish the industry under Section 21 of the Air(Prevention and control of Pollution)Act,1981, as amended in 1987(Central Act. 14 of 1981)- Issued -Reg.

REF: 1. Unit's application no. 45092256 dated: 12.05.2022
2. IR.No : F.2231VDR/RL/JCEE-M/VDR/2022 dated 16/06/2022
3. Minutes of the 199th TSC meeting vide item No. 199-05 dated:22.06.2022.

Consent to establish or take steps to establish is hereby granted under Section 21 of the Air (Prevention and control of Pollution) Act,1981, as amended in 1987 and the Rules and Orders made there under to

Dy. Executive Director,

M/s . PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD.

S.F No.Survey Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village ,
MULLISEVAL Village,
Sattur Taluk,
Virudhunagar District.

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. Survey Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village ,
MULLISEVAL Village,
Sattur Taluk,
Virudhunagar District.

This Consent to establish is valid upto **March 31, 2029**, or till the industry obtains consent to operate under Section 21 of the Air (Prevention and control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions enclosed.

**RATNAM
VIJAYABASKARAN**

Digitally signed by RATNAM
VIJAYABASKARAN
Date: 2022.06.27 21:58:25 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To

Dy. Executive Director,

M/s.PROPOSED STANDALONE GRINDING "MEENAKSHI CEMENT WORKS" (2X2.5 MILLION TPA- OPC/ PPC / PSC / PCC) LOCATED AT VILLAGES MULLISEVAL & PEDDUREDDIPATTI, TEHSIL SATTUR, DISTRICT VIRUDHUNAGAR, TAMILNADU BY DALMIA BHARAT GREEN VISION LTD.,

Dalmia Bharat Green Vision Limited

Trichy-Chidambaram Salai, Dalmiapuram, District Tiruchirappalli-621651, Tamil Nadu, India,

Pin: 621651

Copy to:

- 1.The Commissioner, SATHUR-Panchayat Union, Sattur Taluk, Virudhunagar District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VIRUDHUNAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, TIRUNELVELI.
4. File

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Cement (OPC/PPC/PSC/PCC)	5	Million TPA

2. This consent to establish is valid for establishing the facility with the below mentioned emission/noise sources along with the control measures and/or stack .Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

I Point source emission with stack :				
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm³/hr
1	Cement Mill 1	Bag House with Stack	46.6	87500
2	Cement Mill 2	Bag House with Stack	46.6	87500
DG Set-Line 1	2x500 KVA DG SET for Back up	Acoustic enclosures with stack	15	
DG Set-Line 2	2x500 KVA DG SET for Back up	Acoustic enclosures with stack	15	
II Fugitive/Noise emission :				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	Clinker Storage	Fugitive	Silos with Vent along with Bag Filter	
2.	Gypsum Storage	Fugitive	Covered Shed	
3.	Fly Ash Storage	Fugitive	RCC Silo; closed bulkers & pneumatic system	
4.	Coal Storage	Fugitive	Covered Shed	
5.	Cement Storage	Fugitive	Silos with Bag filter	
6.	Material Handling Section (Incl. Transfer Points)	Fugitive	Bag Filter	
7.	Roads	Fugitive	Sweeping; paved internal roads; dust suppression	
8.	Cement Packing/ Loading Section	Fugitive	Dust extraction arrangement for packing/Sweeping	
9.	Material Unloading Areas	Fugitive	Truck Tippler Areas with Bag filter/wind screen	
10.	Material Loading and Unloading Areas	Fugitive	Roller conveyors to trucks or railway wagons	

11.	DG Set for back-up	Noise	Acoustic Enclosures	
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3. **Special Additional Conditions:**

- i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.
- ii. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

4. **Additional Conditions:**

1. The unit shall comply with all conditions stipulated in Environmental Clearance obtained from SEIAA-TN vide Letter No. SEIAA-TN/F.8848/EC/3(b)/97/2021 dated:14.06.2022.
2. The unit shall install Air Pollution Control measures Viz. Stack with high efficiency bag filters so that the emission shall satisfy the Ambient Air Quality/Emission standards prescribed by the Board.
3. The unit shall provide and ensure the online connectivity with Care Air Centre of TNPCB, Chennai to provide proper quality data at all times.
4. The industry shall maintain and calibrate the online continuous stack monitoring system regularly so as to transmit the high precision quality data to Care Air Centre.
5. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (protection) Act.1986.
6. The unit shall comply with the CPCB guidelines issued for prevention and control of fugitive emissions from cement plants as in PROBES/118/2007 dated 06.07.2007 and also comply with the CPCB directions dated 05.02.2014 regarding Online connectivity for Continuous Emission monitoring system for emission from Stack.
7. The unit shall comply with emission standards as prescribed in MOEF &CC notification dated 25.08.2014 and 09.05.2016.
8. The unit shall install CAAQMS for parameters Viz.PM10,PM2.5,So2 and Nox both on upwind and Down wind Directions.
9. The unit shall develop green belt on 33% of total land area within/outside the premises.
10. The industry shall meet the noise level standards prescribed by the Board.
11. As accepted by the Project Proponent, an amount of Rs. 7.5 crore shall be spent at CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (R5. 3.6 Cr.) and Development of Nellai Wild Life Sanctuary, Ganigaikondan WLS & Koonthankulam Bird Sanctuary (Rs.3.9 Cr.) in consultation with State Forest Department before obtaining CTO from TNPCB.
12. A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards
13. CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration.
14. Public grievances received against the establishment of the proposed project shall be addressed immediately.
15. There is no open storage of raw material/finished product in the unit premises
16. The unit shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility .
17. The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco-friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,
18. The unit shall ensure that establishment activities shall not give rise to complaints.
19. In case of revision of consent fee by the Government, the unit shall remit the difference in consent fee amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
20. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

RATNAM
VIJAYABASKARAN

Digitally signed by RATNAM
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Date: 2022.06.27 21:59:15 +05'30'

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

GENERAL CONDITIONS

1. This consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

RATNAM
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Digitally signed by RATNAM
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**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

ற விரும்பவில்லை என்று

பொது அறிவிப்பு

இதனால் பொதுமக்களுக்கு அறிவிப்பது யாதெனில், தமிழ்நாடு மாநிலம், விருதுநகர் மாவட்டம், சாத்தூர் தாலுக்காவில் உள்ள முள்ளிச்செவல் கிராமம் புல எண்களின் பகுதிகள் 1-6, 8, 9, 12, 13, 17, 19, 20-25, 27-39, 66, etc. மற்றும் பெத்துரெட்டிப்பட்டி கிராமம் புல எண் பகுதி 333 ஆகியவற்றில் அமையவுள்ள எங்களது மீனாக்ஷி சிமெண்ட் ஓர்க்ஸ் தனித்து இயங்கும். சிமெண்ட் அரைவை ஆலை (ஆண்டொன்றிற்கு 2 x 2.5 மில்லியன் டன்சு; OPC/PPC/PSC/PCC) நிறுவுவதற்கான சுற்றுச்சூழல் அனுமதி, தமிழ்நாடு மாநில சுற்றுச்சூழல் மதிப்பீட்டு ஆணையத்தால் (SEIAA-TN), 18.06.2022 தேதியிட்ட சுற்றுச்சூழல் அனுமதி அடையாள எண் EC22B009TN138448 (File No.8848) வாயிலாக வழங்கப்பட்டுள்ளது. இந்த சுற்றுச்சூழல் அனுமதி ஆணைக் கடிதம் தமிழ்நாடு மாசுக்கட்டுப்பாடு வாரியத்திடமும் SEIAA-TN <http://selaa.tn.gov.in> (www.parivesh.nic.in) வலைதளத்திலும் காணக்கிடைக்கும்.

தேதி : 18.06.2022
இடம் : சென்னை

அங்கீகரிக்கப்பட்ட அதிகாரி
மீனாக்ஷி சிமெண்ட் ஓர்க்ஸ்-சாத்தூர்
டால்மியா பாரத் கிரீன் விஷன் லிமிடெட்



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சென்னை மாநகராட்சி நிர்வாகம், சென்னை - 600 011

சென்னை மாநகராட்சி நிர்வாகம், சென்னை - 600 011

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PUBLIC NOTICE

This is to inform the Public that State Level EIA Authority-Tamil Nadu (SEIAA-TN) has accorded Environmental Clearance (EC) for our Meenakshi Cement Works Standalone Cement Grinding Unit (2x2.5 Million TPA- OPC/PPC/PSC/PCC) at SF Nos. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-39, 66, etc. of Mulliseval Village and 333 of Peddureddipatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu vide EC Identification No. **EC22B009TN138448 (File No. 8848) dated 18.06.2022.** Copy of the EC is available with TNPCB and also in the Website of **SEIAA-TN** at **http://seiaa.tn.gov.in (www.parivesh.nic.in).**

Date : 18.06.2022 **Authorised Signatory**
Place : Chennai **Meenakshi Cement Works-Sattur**
Dalmia Bharat Green Vision Limited

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Suman



Dalmia cement

FUTURE TODAY

cement | sugar | refractories | power

No: DBGVL/Sattur/Env/02/2022 -23

Date: 23rd June 2022

To

The Panchayat President.

Muthusamipuram – Village,
Sattur – Taluk, Virudhunagar – District,
Tamil Nadu - 626205

Sub: Establishing the standalone cement grinding unit "Meenakshi Cement Work" by M/S Dalmia Bharat Green Vision Ltd. at Mulliseval village and part of Peddureddipatti village, Sattur Taluk, Virudhunagar District, Tamil Nadu - 626205. - Environment Clearance Regarding.

Ref: Environmental clearance granted by the State Environment Impact Assessment Authority (SEIAA) of Tamil Nadu, vide SEIAA Letter No. SEIAA/TN/F 8848/EC/3(b)/97/2021 dated 18th June 2022, EC identification No. EC22B009TN138448, and File No. 8848. – **Annexure-1**

Dear Sir,

With reference to the aforesaid subject and reference, we would like to inform you that M/S Dalmia Bharat Green Vision Limited has been accorded environmental clearance vide SEIAA Letter No. SEIAA/TN/F.8848/EC/3(b)/97/2021 dated 14th June 2022, EC identification No. EC22B009TN138448, and File No. 8848 dated 18 June 2022, for establishing the standalone cement grinding unit "Meenakshi Cement Work" with a production capacity of 2 X 2.5 million TPA- OPC/PPC/PSC/PCC located at Mulliseval & Peddureddipatti Village, Sattur Tehsil, Virudhunagar District, by the State Environment Impact Assessment Authority (SEIAA) of Tamil Nadu, vide letter mentioned above under ref.

In compliance with B General Condition Sl. No. XXI of the granted EC, a copy of the environment clearance is being submitted herewith for your information and record.

Thanking you, with regards.

For M/s. Dalmia Bharat Green Vision Ltd.


(Authorized Signatory)

Encl: As above

R. சந்திரன்
குலசபையினர் 23/6/2022
புதுச்சேரி மாவட்ட சட்டமன்றப் பேரவை
உறுப்பினர்

Dalmia Bharat Green Vision Limited

Corporate Office: 11th & 12th Floor, Hansalaya Building, 15, Barakhamba Road, New Delhi - 110 001, Delhi, India
T +91 11 2346 5100 Toll Free 1800 2020 w www.dalmiacement.com CIN: U70109TN2021PLC143683
Registered Office: Trichy-Chidambaram Salai, Dalmiapuram, District Tiruchirappalli - 621 651, Tamil Nadu, India
Site Address: Meenakshi Cement Works, 66/3A Mulliseval(Vil &PO) Sattur - 626205, Tamil Nadu, India
A Dalmia Bharat Group company, www.dalmiabharat.com

No: DBGVL/Sattur/Env/03/2022 -23

Date: 23rd June 2022

To
The Panchayat President.
Uppathur – Village,
Sattur – Taluk, Virudhunagar – District,
Tamil Nadu - 626205

Sub: Establishing the standalone cement grinding unit "Meenakshi Cement Work" by M/S Dalmia Bharat Green Vision Ltd. at Mulliseval village and part of Peddureddipatti village, Sattur Taluk, Virudhunagar District, Tamil Nadu - 626205. - Environment Clearance Regarding.

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For M/s. Dalmia Bharat Green Vision Ltd.


(Authorized Signatory)

Encl: As above


தலைவர் 23/6/2022
உப்பத்துர் ஊராட்சி

Dalmia Bharat Green Vision Limited

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A Dalmia Bharat Group company, www.dalmiabharat.com

No: DBGVL/Sattur/Env/01/2022 -23

Date: 23rd June 2022

To
The Panchayat President.
Mulliseval - Village,
Sattur - Taluk, Virudhunagar - District,
Tamil Nadu - 626205

Sub: Establishing the standalone cement grinding unit "Meenakshi Cement Work" by M/S Dalmia Bharat Green Vision Ltd. at Mulliseval village and part of Peddureddipatti village, Sattur Taluk, Virudhunagar District, Tamil Nadu - 626205. - Environment Clearance Regarding.

Ref: Environmental clearance granted by the State Environment Impact Assessment Authority (SEIAA) of Tamil Nadu, vide SEIAA Letter No. SEIAA/TN/F 8848/EC/3(b)/97/2021 dated 18th June 2022, EC identification No. EC22B009TN138448, and File No. 8848. - **Annexure-1**

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Thanking you, with regards.

For M/s. Dalmia Bharat Green Vision Ltd.


(Authorized Signatory)


தலைவர்
முச்சிச்செவல் ஊராட்சி

Encl: As above

Dalmia Bharat Green Vision Limited

Corporate Office: 11th & 12th Floor, Hansalaya Building, 15, Barakhamba Road, New Delhi - 110 001, Delhi, India
T - 91 11 2346 5100 Toll Free 1800 2020 w www.dalmiacement.com CIN: U70109TN2021PLC143683
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Site Address: Meenakshi Cement Works, 66/3A Mulliseval(Vil &PO) Sattur - 626205, Tamil Nadu, India
A Dalmia Bharat Group company, www.dalmiabharat.com

Dalmia Bharat Green Vision Ltd Meenakshmi Cement Works				
Ambient Noise Level Survey				
Instruments used:		Noise Level Meter		
Make and Model :		Envirotech		
Noise sampled range:		50-100 db		
Mode:		db mode		
Frequency weightage:		A		
Noise sampling Date and Time:		15.03.2023, Day: 10:00 AM to 11:30 AM Night: 1:00 AM to 2:30 AM		
S.No	Location	Distance (m)	Noise level (db)	
			Day	Night
1	Main Gate entrance	1.0	64.5	50.8
2	Behind 40 feet container (near textile mill boundary)	1.0	63.2	54.1
3	Behind construction power station	1.0	60.8	52.2
4	Near batching plant (Arun Excello)	1.0	62.5	54.2
5	Near clinker silo	1.0	62.5	51.4
6	Behind switch yard (near railway line)	1.0	60.1	52.0

Monitored By: Thillainatarajan. G

Sign: 

Dalmia Bharat Green Vision Limited

(Meenakshi Cement Works – Sattur)

P.No.66/3a,3b, Uppathar Main Road, Mulliseval, Nalli Railway Station,
Sattur Taluk, Virudhunagar, Tamilnadu - 626205.

CSR EXPENDITURE From 1st Oct 2022 – 30th Mar 2023

Sl.No	Operational Area	Expenditure
1	Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects	10.30 Lakhs
2	Eradicating hunger, poverty and malnutrition, promoting health care including preventive health care and sanitation including contribution to the Swach Bharat Kosh set-up by the Central Government for the promotion of sanitation and making available safe drinking water	14.05 Lakhs
3	Rural development projects	12.25 Lakhs
	Total	36.60 Lakhs

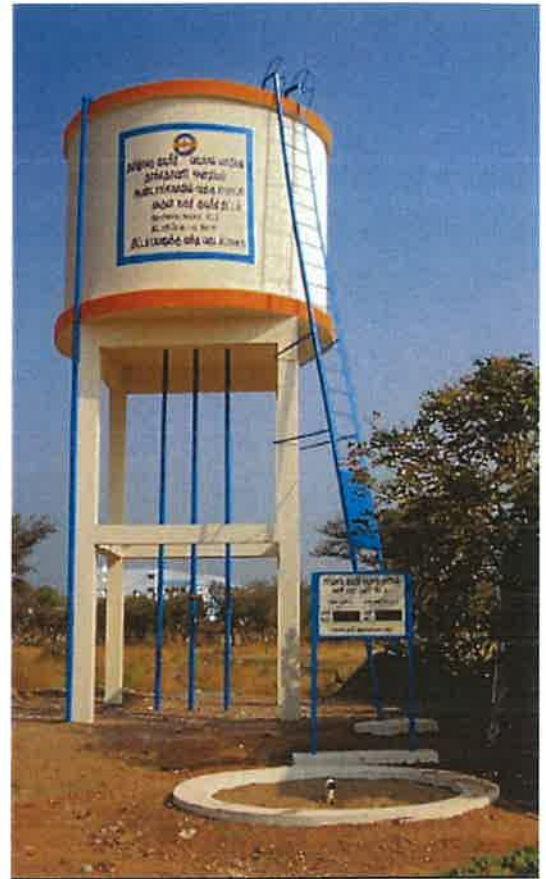
i. Construction of Overhead Drinking water tank at Mulliseval village.

- No. of beneficiaries impacted: 850 Nos
- No. of villages covered: 2

People from Mulliseval village are depended on Panchayat water source for drinking and day today purposes. The exiting overhead water tank is damaged and unable to supply of water to households. On request of the panchayat representatives and villagers we DBGVL has contributed 50% of the estimated cost for new 60KL Overhead water tank construction on the place of existing tank. The following work we joined with Tamilnadu State Scheme of Nammakku Naame Thittam. The remaining 50% contribution will be sanctioned by the state government through NNT. The work will be implemented through BDO office, Sattur through block level tendor.

The overall estimated budget is INR. 21.75 Lakhs. DBGVL supported INR.10,87,500/-





ii. Construction of Midday Meal Kitchen Shed at Samathuvapuram School.

- **No. of beneficiaries to be impacted: 27 Students and 3 Teachers.**
- **No. of villages covered: 1 Nos**

Panchayat Union Primary School, Samathuvapuram is located next to our plant a distance of 500 Mtr. The 27 students are perusing their primary education from this school. There is no cooking room for the school. The breakfast and lunch will be preparing in the open place and which leads unhygienic and monsoon season unable to make food ontime. The fire woods are wet and which produce lot of smoke while cooking. Which leads breathing difficulty to students while they are in the class.

Considering the above causes the school teachers and Parent Teacher Association members are requested DBGVL to construct cooking room with LPG provision.

The DBGVL has invested INR.1.65 Lakhs for Construction of cooking room with flooring and brick wall store room on size of 13 x15 ft.





iii. Roadside Bushes Cleaning and making pathway to pedestrians at Mulliseval Village

- **No. of beneficiaries to be impacted: 1000 People**
- **No. of villages covered: 7 Nos.**

Due to rain and vehicle movement the Mulliseval village road has been filled with mud and corners of both road sides filled with bushes. Which was difficult to Pedestrians while walking. On request of Mulliseval Panchayat representatives DBGVL has cleared bushes on two sides of road by using dozer with the budget of INR.0.10 Lakhs.



Bushes at Road side (Before)



Bushes Cleaned at Road Side (After)



iv. Financial Support to District level Book fair event at Virudhunagar

- **No. of Attendees: 1,00,000 People**
- **No. of books Sold: 5000+ Nos**

District administration Virudhunagar in association with District Library is organized a first-ever district level "Mega Book Festival" in Virudhunagar held from Nov.17th to Nov.27th 2022. Objective of this mega event was "Encourage and Develop reading habits amongst students and youths particularly rural young generation". 100 book stalls had been set up in the book fair event venue. The programme held for 10 days.

On request of District Administration, DBGVL has supported INR. 5.00 Lakhs as contribution through bank Demand Draft.



v. Financial Support to International Health Conference held at Chennai

- **No. of Attendees: 1000+ Medical Professionals throughout Country and Overseas**

On request of Department of Health and Preventive Medicine, Sivakasi for support of financial contribution to International Public Health Conference is held at Mamallapuram, Chennai from 05.12.2022 to 08.12.2022.

The purpose for the meet organized to 'Celebrate the completion of 100 years of Tamil Nadu Public Health Department'. The Public Health Medical Professionals from various countries and states participated in this conference to discuss various brainstorm new ideas and innovative suggestions to spread health coverage among the people through numerous welfare programmes.

DBGVL has supported INR.0.50 Lakhs for the same.



சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி

பணம்: 5758/24/2022. திகதி: 11.11.2022

குறிப்பு: சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி.

புகார்: சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி.

முடிவு: சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி. சென்னை கிராமப்புற வளர்ச்சி குழுக்கள் குழுவுக்கான உபத்தரகம், கரவிலாட்டி.

நாள்: 11.11.2022

Account Name	DPHICON-2022
Account Number	06988100037254
IFSC Code	IOBA0006098
MICR Code	600026013

AXIS BANK LTD - PAYEE'S BANK ONLY
On Demand Pay
₹ Rupees
DD. Sr.No. 8779
FOR VALUE RECEIVED
S. SARAVANAN
 Sr. Manager & Operations Head
 Kovilpatti Branch-2672



Vi. Construction of GI Shed for Veterinary Dispensary at Uppathur.

- No. of beneficiaries impacted: 250 formers
- No. of villages covered: 12

Uppathur, Mulliseval and Surrounding villagers in and around DBGVL Unit are belongs to agriculture and Agri allied businesses. Cattle business is the one of the key sources for the People from Mulliseval and neighboring villages. On regular intervals their will, be a village level mega camp. Rather than this, on every alternative day the veterinary doctor cum surgeon will be visiting the government veterinary dispensary and formers are getting inputs and treating their sick cattle in a free of cost.

On request of the veterinary doctor Mr. Aravindan DBGVL has investigated the dispensary and taken up the GI shed fixing works on entrance of the dispensary. This address the needs of the formers and cattles to provide shadow on during treatment and vaccination.

DBGVL supported INR.1,45,000/- for making the 880 sq.ft GI shed with civil and mechanical works.



GI Shed for Veterinary Dispensary (Before)

GI Shed for Veterinary Dispensary (After)



Vii. Settingup of Digital Smart Class room at Govt. Hr.Sec.School at Uppathur.

- **No. of beneficiaries to be impacted: 450 Students and 17 Teachers.**
- **No. of villages covered: 10 Nos**

Government Higher Secondary School, Uppathur has been providing gender neutral higher education for over 56 years. Currently 445 students are studying from 6th to 12th standard. The school hosts science and computer groups for students from 16 surrounding villages. So far 49 batch students completed SSLC and 15 batch students completed Higher Secondary schooling. Being in a remote village, it is very much challenging to get donors and Government funds for technology Upgradation and infrastructure development.

Due to lack of infrastructure and technological backwardness, the teachers are struggling to raise the intellectual needs of students with the available resources. Old teaching methods are failing to create interest among students and this results in poor and mediocre performance in academics. A Statement by Mrs. Kadalarasi (Head Mistress).

Times are changing and the traditional method of teaching using chalk, dusters and blackboards is fast becoming a thing of the past. And many pioneering schools are adopting digital medium of teaching including computers, laptops and projectors to make learning fun and interactive. Audio-visual learning method helps a student understand the concepts very easily and leaves no room for doubts.

Considering the above causes the DBGVL has supported the school with Civil, Painting works on the classroom and followed by installed Digital Smart classroom.

The DBGVL has invested **INR.3.45 Lakhs** for Civil & tiles fixing, Interior wall art and painting works and Installation of Audio video digital class materials. The training session has been arranged to the teachers by handing system, software applications etc.,



Digital Smart Class



Digital Smart Class



Viii. Settingup of Miyawaki forest development at veterinary Dispensary Uppathur

- **No. of Trees Planted: 1000 Nos**
- **No. of Size Covered : 1 Acre.**

Urban Forestry (Miyawaki), is a greenery initiative that uses the “Miyawaki” technique – founded by Akira Miyawaki which involves growing a variety of Indigenous species of trees to create a naturally resilient forest.

A miniature forest developed in a 1 acre of land with Native spices/trees. This has been chosen on suitable for soil and location. The Soil is enriched with Nutrients using Manure, Water Retainer, Perforator, and so on. And planted 1000 forest type saplings with 5 to 6 ft heights. Installed fencing on boundaries. All trees has been linked with trip irrigation system for better watering and survival. The Tamilnadu Pollution Control Board has advised to make this model in all industries in the district of Virudhunagar on this FY 2022- 23.

DBGVL has invested INR. 3.50 Lakhs for setting up this model in joining with animal husbandry department with their contribution of free watering, land and local government statutory compliances. The maintenances will be bearded by the veterinary dispensary.



Miyawaki Forest (Before)



Miyawaki Forest (After)



ix. Paver tiles laying works at Panchayat Union Primary School at Mulliseval

- **No. of Size : 318 M2**
- **No. of students benefitted : 30 Students & 2 teachers**

Mulliseval Panchayat Union School is located next to the DBGVL plant. Since, being a rural government school, facilities wise are lack behind compare to other schools. Hence, on request of the teachers, PTA association staff DBGVL has invested **INR. 2.30 Lakhs** towards Infrastructure development works such as roof repairing in the last quarter and this quarter has worked in fixing of Paver tiles works around the school campus. Which looks pleasant atmosphere and look for the school.

The beneficiaries (school Management) has contributed interms of free water, Electricity during the works. On completion of the works the school view has been totally changed and very attractive to students which boostup the students for ensure better education in the safe places. Now the school is free from rain water stagnation.



Paver Tiles at Mulliseval School (Before)



Paver Tiles at Mulliseval School (Before)



X. Sanitation Complex Renovation and Fixing of GI shed for the roof of urinal blocks at Panchayat Union primary School, Chinnaodaipatti.

- **No. of Students: 32 Nos with 2 Children**
- **No. of Villages covered : 2**

On request of School management and PTA association the Sanitation Renovation, Repairing and GI shed making for the urinal blocks works has been takenup on above mentioned school. The works includes Shed making for the Urinals blocks, Electrical fitting, Civil plastering works on walls, Doors fixing for urinals, Toilet septic tank cleaning and provision of water and tabs fixing, painting with awareness wall art works.

DBGVL has supported **INR.1.98 Lakhs** for the above works. The school has supported in terms of electricity and water provision.



Sanitation Complex (Before)



Sanitation Complex (Before)



Sanitation Complex (After)



Sanitation Complex (After)



Xi. CCTV Surveillance installation at Samathuvapuram village

On request of TN Police from Sattur town, we are proposing for installation of CCTV surveillance systems with 3 cameras in the Samathuvapuram junction road. Security cameras act as a strong deterrent in keeping away any activities of theft, vandalism, or break-ins. Installing surveillance cameras on office, home and road junctions' prevents anti-social elements and ensures safety to the members.

The CCTV cameras ensure that live footage is available any time which can access accidents victims, also helps to identify Criminal Evidence and Prevent sexual abuses, etc.,

DBGVL has supported **INR.0.45 Lakhs** for the above works. The Maintaince and recurring expenses will be beared by the Police department and local panchayat.



Xii. Settingup of Manjapai vending Machines to District administration of Virudhunagar through TN Pollution Control Board

The Government of India has taken resolute steps for mitigation of pollution caused by littered Single Use Plastics. The list of banned items includes - ear buds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice- cream sticks, polystyrene (Thermocol) for decoration, plastic plates, cups, glasses, cutlery such as forks, spoons, knives, straw,



trays, wrapping or packing films around sweet boxes, invitation cards, cigarette packets, plastic or PVC banners less than 100 micron, stirrers.

The Plastic Waste Management Amendment Rules, 2021, also prohibit manufacture, import, stocking, distribution, sale and use of plastic carry bags having thickness less than seventy five microns with effect from 30th September, 2021 and having thickness less than thickness of one hundred and twenty microns with effect from the 31st December, 2022.

As an ethical and social concern organization, Dalmia Bharat has promoting ban Plastic initiatives join with State and Central Government programmes through its ESG Policies and Corporate Social Responsibility initiatives. Also, the organization is committed for carbon negative by 2040 and dedicated to exploring the various actions to change from Grey to Green.

To support Government of Tamilnadu initiatives on Implement Pan on Single use of Plastic, DBGVL is requested by Pollution Control Board to sponsor two numbers of Manjapai vending Machines. On request, DBGVL is supporting in installation of 2 nos of Manjapai Vending machine to district administration with the Budget of INR. 1.50 Lakhs. This is pay and use technology enabled. The refilling of bags, regular Maintaince will be bearded by the district administration.



Xiii. Veterinary camp to formers at Nallamuthampatti and Pethireddipayatti villages

DBGVL and Animal Husbandry department (Uppathur Veterinary Dispensary) has joined organized an Awareness cum Disease Prevention camp for Cattle at Nallamuthampatti & Pethireddiyapatti villages. The service offered such as Artificial Insemination to Cows, Pesticide Treatment for cattle, Rabis Vaccination for dogs, Breeding Barrier for goats, Cow Cine Examination, Mineral Salt Mixture to cattle, Dewarming and Skin diseases has been treated.

Overall 45 formers and 1320 Cattle/ Animal got benefitted by these vaccination camps. Similar camps will be organized on regular intervals.



DBGVL has contributed the camp through INR.0.20 Lakhs worth Medicine, Samiyana arrangements. The camp expenses such as, Auto publicity, Pamphlets printing & distribution, Medical team arrival, Venue arrangement, Transportation, Vaccination service cost were bearded by the Animal Husbandry Department.

Veterinary camp at Pethireddiyapatti



Veterinary Camp at Pethureddiyapatti





XIV. Organic cultivation workshop cum exhibition for formers from 20 villagers

The Assistant Director from Department of Agriculture, Sattur has requested to partner with organizing one-day training cum exhibition programme to farmers at Sattur.

They were 92 farmers from Sattur block were participated in this training/workshop. The formers are included from our CSR operating villages. such as, Mulliseval, Muthusamipuram, Uppattur, Nalli, China Odaipatti and Subbaiyapuram.

The above agri. exhibition, was helpful and informative to farmers and DBGVL has easily interacted with farmers get introduced by agricultural officers. This also supported us to integrate farmers into our CSR activities and programs and avail government benefits in the interim of government schemes in upcoming days.

DBGVL has invested INR.0.06 Lakhs for supporting this event through refreshments and pamphlets content.



Organic forming Workshop



Organic forming exhibition



XV. Prenatal mothers Health awareness cum Nutritious kit distribution programme

Women have distinct nutritional requirements throughout their life – especially before and during pregnancy and while breastfeeding, when nutritional vulnerability is greatest. Ensuring women have nutritious diets and adequate services and care is fundamental for the survival and well-being of mothers and their children.

Before pregnancy, women need nutritious and safe diets to establish sufficient reserves for pregnancy. During pregnancy and breastfeeding, energy and nutrient needs increase. Meeting them is critical for women's health and that of their child – in the womb and throughout early childhood.

The nutrition status of women in many of the households from neighbourhood villages are malnourished and anaemic. Said by Mr. Rajkumar - Medical officer, Uppathur. The reason behind is not getting enough iron, vitamin B12 or folic acid content. To support this, PHC is offering nutritious tablets. But that alone could not fulfil the needs of the women.

In addition to supply of vitamin tablets by Health Department, Awareness on Antenatal care is needed for the hour. To support their needs and fulfil the gaps, we DBGVL is supported an ANT Awareness cum health kit complementary gifts to beneficiaries of 50 prenatal mothers from 20 neighboring villages. The kit consist of dry fruits and folic acid foods to pregnant women.

DBGVL has invested INR.0.36 Lakhs for the same in join with PHC Uppathur.



Prenatal Mothers health Awareness Programme



Health kit to Prenatal Mothers Programme



Dalmia Bharat Green Vision Limited

(Meenakshi Cement Works – Sattur)

P.No.66/3a,3b, Uppathar Main Road, Mulliseval, Nalli Railway Station,
Sattur Taluk, Virudhunagar, Tamilnadu - 626205.

CSR EXPENDITURE From 1st Apr 2022 – 30th Sep 2022

Sl.No	Operational Area	Expenditure
1	Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects	8.05 Lakhs
2	Eradicating hunger, poverty and malnutrition, promoting health care including preventive health care and sanitation including contribution to the Swach Bharat Kosh set-up by the Central Government for the promotion of sanitation and making available safe drinking water	6.95 Lakhs
3	Rural development projects	3.00 Lakhs
	Total	18.00 Lakhs

i. Paver Tile Laying work at P.U.P.School, Samathuvapuram

- No. of beneficiaries impacted: 15 (13 Students & 2 Teachers)
- No. of villages covered: 1

The school entrance of around 150 SQM size has been leveled and layed Paver tiles with gypsum on basement with the investment of INR.0.96 Lakhs. Which made pleasant look to the school and helpful to school for morning prayer assembly hall and seating for lunch to students.



P.U.P.School Samathuvapuram (Before)



P.U.P.School Samathuvapuram (After)



ii. Paver Tile Laying work at Primary Health Center, Uppathur.

- No. of Villagers to be impacted: 10000 Population.
- No. of villages covered: 28

The space of 350 SQM has been leveled and laid Paver tiles with gypsum on basement made path ways to pedestrians and parking area. The present look of the PHC become neat and clean. By the above works rain water stagnation problem get resolved.



PHC Uppathur (Before)



PHC Uppathur (After)

iii. Painting work to Sanitation Block at Govt. Hr. Sec. School – Uppathur

- No. of Students to be impacted: 482
- No. of villages covered: 5

On renovation of Sanitation complexes looks pleasant and safe to children for a natural trait of humans. This will improve the health status of the students in the school.



Govt Hr. School Sanitation block (Before)



Govt. Hr. School Sanitation block (After)



iv. Painting work to P.U.P.School of Muthusampuram

- No. of students impacted: 17 (15 Students & 2 Teachers)
- No. of villages covered: 1

All Children from age group between 5 to 10 are attending their entry level primary education in the Panchayat Union Primary School, Muthusampuram. To support the school infrastructure, the company has invested INR.1.16 Lakhs for civil repairing and painting to the entire school building with the size of 70 SQM. Also contributed 2 Nos of green chalkboard for the school.



Muthusampuram School (Before)



Muthusampuram School (After)

v. Civil touchup and Painting work to Anganwadi center at Samathuvapuram, Mulliseval village.

- No. of students impacted: 17 (15 Students & 2 Teachers)
- No. of villages covered: 1

Kids from 3 - 5 years are getting pre-schooling in anganwadi centers. Also, in other words it's called a day care center. This is the first place to a kid to away from home and learn good practices such as toilet practicing, health and hygiene practice. Also, moreover Visual things will encourage the kids to learn via play. Identification of Letters, numbers and colours will be touched on this anganwadi preschool center.

To encourage kids pleasant atmosphere is much needed. To support the pleasant atmosphere DBGVL has spent INR.1.50 Lakhs for Anganwadi civil repairing and painting the size of 40 SQM.



Anganwadi Samathuvapuram (Before)



Anganwadi Samathuvapuram (After)



vi. Table & Desk support to Panchayat Union Primary School, Subramaniapuram

- No. of students impacted: 16 (14 Students & 2 Teachers)
- No. of villages covered: 1

To improve infrastructure facilities the DBGBL has contributed 10 sets of MS steel furniture to Panchyat Union Primary School, Subramaniapuram for better place to sit and learn. This will improve the students listening and reduce the backpain. Also can improve the written practices compare to floor writing.



Desk Set's to Subaramaniyapuram School



Desk Set's to Subramaniapuram school

vii. GI Shed construction at DSP office, Sattur

- No. of Persons impacted: 100 Police Personnels
- No. of villages covered: N.A

An open place of 980Sq.ft size has been converted into meeting hall at DSP office to utilize for various police trainings, meetings and organizing special events, etc., with an investment of INR.1.80 Lakhs. The above structure will be helpful to 100+ police personnels for various official trainings and meetings.



DSP office Shed (Before)



DSP office Shed (After)



viii. Mats & Baby Chairs support to Anganwadi Centers

- No. of Persons impacted: 115 (85 Kids & 30 Pre/Post Natal mothers)
- No. of villages covered: 4

Integrated Child Development Scheme (ICDS) is a unique early childhood development programme, aimed at addressing Malnutrition, Health and also development needs of young children, pregnant and nursing mothers through Anganwadi centers. The children from the age group of 0-5 years will get benefit out of the scheme at maximum.

To support the pre-schooling kids on rural villages, the organization has procured 55 Mats and 60 baby chairs and offered 4 Anganwadi centers such as Mulliseval, Samathuvapuram, Pethureddipatti and Subbairapuram with an investment of INR.40 Lakhs.



Baby Chairs & Mats support to Anganwadis



Baby chairs and Mats support to Anganwadis

ix. Sitting Stools Support to Chemistry laboratory at Govt. Hr. Sec. Schools in the vicinity

- No. of Students to be impacted: 892
- No. of villages covered: 10

To support practical education in the government schools offered 80 Nos of Sitting stools to the two Government Higher Secondary Schools namely, Subbairapuram and Uppathur. Also supported projector screen to the computer lab at Uppathur school with an investment of INR.0.68 Lakhs



Sitting Stools support to school



Sitting stools support to school



x. Weathering water proof tile laying work at P.U.P.School, Mulliseval School.

- **No. of beneficiaries impacted: 22 (20 Students & 2 Teachers)**
- **No. of villages covered: 1**

The entire Primary school building roof system is damaged and leaked during monsoon and rainy days. Which further leads to school for conducting classes and safe guarding educational materials and building.

On request of the school and PTA members of the village Dalmia has supported the school by clearing the existing tiles layer and cement mortar surface fully and replaced with new cement motor with weather cost tiles a size of 140 SQM on the budget of INR. 1.98 Lakhs. The School management and villagers were appreciated social concerns of the organization.



Weathering water proof tile laying work (Before)



Weathering water proof tile laying work (After)

xi. Donation of Traffic Barricades to the Police department, Sattur.

- **No. of beneficiaries to be impacted: 1,00,000 Pedestrians.**
- **No. of villages covered: 15 neighborhood villages**

Uppathur Junction is a 45 National Highways and it has identified as continuous accident spot by the Sattur Police Station. Being last 6 months there were 19 cases filed for insured and 3 fetal due to vehicle hit and crush.

Over speed and sudden crossing caused reasons for accidents. To control the speed of the vehicles the Police department has requested 6 Nos of traffic barricades with reflection stickers to keep it in highway crossing. On the request, organization has sponsored 6 Nos of barricades (length of 12 ft and height of 5ft approx. Weight of 80 Kg) with the budget of INR.0.86 Lakhs



Donation of Traffic Barricades to the Police dept



Donation of Traffic Barricades to the Police dept



xii. Shed and metal door closer to Public Well at Subbairapuram

- No. of beneficiaries to be impacted: 420 households with 1000+ Population
- No. of villages covered: 1

There is a 15 Mtr Depth Common well located at Subbairapuram village for serving drinking water to the households. Currently the well surface is open and available compound wall is 1 Mtr height.

The Panchayat Union Primary school and Anganwadi center is located very near to the well approx.100 Mtr distance. The village people and Panchayat Representatives are requested to fabricate iron roofing structure to the well. This will safeguard of children and villagers from falling down into well also it further protects from falling of leaves and waste. The organization has invested INR.1.27 Lakhs for making this shed and cement wall laying works.



Shed and Metal door Closer to Well (Before)



Mechanical Shed and Metal door to well (After)

xiii. Wall Art and Painting work to Government Schools of Muthusampuram & Uppathur.

- No. of students impacted: 460 (445 Students & 15 Teachers)
- No. of Schools covered: 2

To make better ambience and self-education wall art and drawing works has been done in Government schools with the budget of INR.0.50 Lakhs covering 1000 Sq.ft size. This makes the students feel happy and easy to remember and self-learning. Atlas maps, different helplines, Personal hygienic and environmental messages drawn in consultation with school authorities.



Uppathur Hr. Sec. School (Before)



Uppathur Hr. Sec. School (After)





Uppathur School Sanitation Block (Before)



Uppathur School Sanitation Block (After)



P.U. Primary school at Muthusampuram (Before)



P.U. Primary school at Muthusampuram (After)

XIV. Veterinary camp to formers at Nallamuthampatti village

DBGVL and Animal Husbandry department (Uppathur Veterinary Dispensary) has joined organized an Awareness cum Disease Prevention camp for Cattle at Nallamuthampatti village. The service offered such as Artificial Insemination to Cows, Pesticide Treatment for cattle, Rabies Vaccination for dogs, Breeding Barrier for goats, Cow Cine Examination, Mineral Salt Mixture to cattle, Deworming and Skin diseases has been treated.

Overall 27 formers and 313 Cattle/ Animal got benefitted by this vaccination camp. Similar camps are requested by village people from other 3 panchayats. With the support of Animal husbandry department DBGVL has extended support for other three camps in Dates days such as

- 30/Sep/2022 - Ravuthanpatti
- 31/Oct/2022 - Pothireddipatti
- 30/Nov/2022 - Pethureddipatti

DBGVL has contributed for awareness creation, Auto publicity, Pamphlets printing & distribution, Medicine Support for the camp with the budget of INR.0.30 Lakhs. The rest of the arrangements such as Venue arrangement, Medical team arrival, Transportation, Vaccination service cost were bearded by the AHD.





Veterinary camp at Nallamuthampatti



Veterinary Camp at Nallamuthampatti

XV. Integrated Crop Management training to formers at Kanjampatti & Nalli

- **No. of formers impacted: 41**
- **No. of villages covered: 2**

DBF and Sattur Block Agriculture Department had jointly organized an input session on Integrated Crop Management (ICM) to formers of Kanjampatti & Nalli villages. Resource Person Mr. Chandrasekaran – Assistant Director of Agriculture were briefed ICM methods of Agriculture, various State and Central Government schemes such as Subsidized high yield Seed distribution, Agri. Machinery and fertilizers to formers.

Also, orientation given and enrolled formers in Ulavan App for availing free government schemes. Further followups are under progress by DBF team with agriculture officers in the block to get to know application status for leverages and subsidized benefits.



Crop Management training



Crop Management training



XVI. An Awareness training on Poultry forming & KISAN Credit card to formers at Pothireddipatti

- **No. of formers impacted: 61**
- **No. of villages covered: 1**

DBF, Sattur Block Agriculture Department and Veterinary Dispensary Uppathur had jointly organized an input and awareness session on Poultry forming & Kisan Credit Card scheme to formers in Pothireddipatti village.

The following things were educated through this session

- Awareness creation of KISAN CREDIT CARD scheme, how to register and benefits out of the scheme.
- Diseases which affect Cattle, Chicken and goats and Vaccination details.
- Central and State Government Schemes available for formers

Further followups are under progress by DBF team with agriculture officers in the block to get to know application status for leverages and subsidized benefits.



Poultry forming Training



Poultry forming Training

XVII. Blood Donation Camp (A Joint Venture with Urban Primary Health Center, Sattur)

A HEROs of 12 Employees from Sattur Dalmia Plant were voluntarily donated blood on BLOOD DONATION CAMP organized by Sattur Urban Primary Health Center at Sattur town on 16.06.2022. The medical team of Sattur invited ourselves for the noble cause. Overall 76 Volunteers donated blood on the camp. The donors from College, National Highway Tollgate Staff, Political party members, Medical team, Staff of Arima Sangam and General public.

The appreciation certificates and refreshment has been provided by DBF team and Urban Primary Health center.

Mr. Rajkumar (Medical officer) and Mr. Baskaran (Block Health Superintend) were appreciated our effect and volunteerism.



Beneficiaries: 76 Donors (12 Employees from Dalmia Cement – Sattur Plant)



Employees Voluntary Blood Donation Camp at Sattur



Dalmia Cement

FUTURE TODAY

No: DBGVL/Sattur/Env/02/2023-24

Date: 08th May 2023

To
The Joint Chief Environmental Engineer
Tamil Nadu Pollution Control Board
No:32,33, A/3 Raja Rajeswari Nagar,
Perumalpuram, Tirunelveli- 627 007



Respected Sir,

Sub: Submission of layout drawing with location marking of CAAQMS at M/s Dalmia Green Vision Ltd., Mulliseval village, Sattur taluk, Viruthunagar district.

Ref: 1. Environmental Clearance vide SEIAA Letter No. SEIAA/TN/F 8848/EC/ 3(b)/97/2021 dated 18th June 2022, EC identification no EC22B009TN138448 and File No. 8848.
2. Consent to Establishment order No.2201245092256, dated 27.06.2022, Additional condition No 8.

We, **M/s Dalmia Bharat Green Vision Limited (DBGVL)**, a Group Company of Dalmia Cement (Bharat) Limited, have been granted Environmental clearance and Consent to Establishment as per the ref given above. The plant is under advance stage of construction for commissioning first Phase - Line I i.e. implementation of 1 X 2.5 Million TPA Grinding unit out of granted EC and CTE capacity of 2 X 2.5 MTPA. The Second phase- Line-II will be constructed and commissioned later stage.

As per the CTE additional condition point No 8 as per ref letter no 2, procured CAAQM station for PM₁₀, PM_{2.5}, SO₂ and NO_x from M/s Sun Technology. As per the Ground Level Concentration report in EIA and Annual Wind Direction, we propose to install CAAQMS station in Upwind, North East near Water Treatment plant and Down wind, South West, Near Power Supply room. The Location layout along with the Annual Wind rose diagram is enclosed herewith for your kind consideration.

Submitted for your kind approval please for Erection and Commissioning of the CAAQM stations in the said locations.

Thanking you,

Yours faithfully,

For **M/s. Dalmia Bharat Green Vision Ltd.**

(Authorized Signatory)

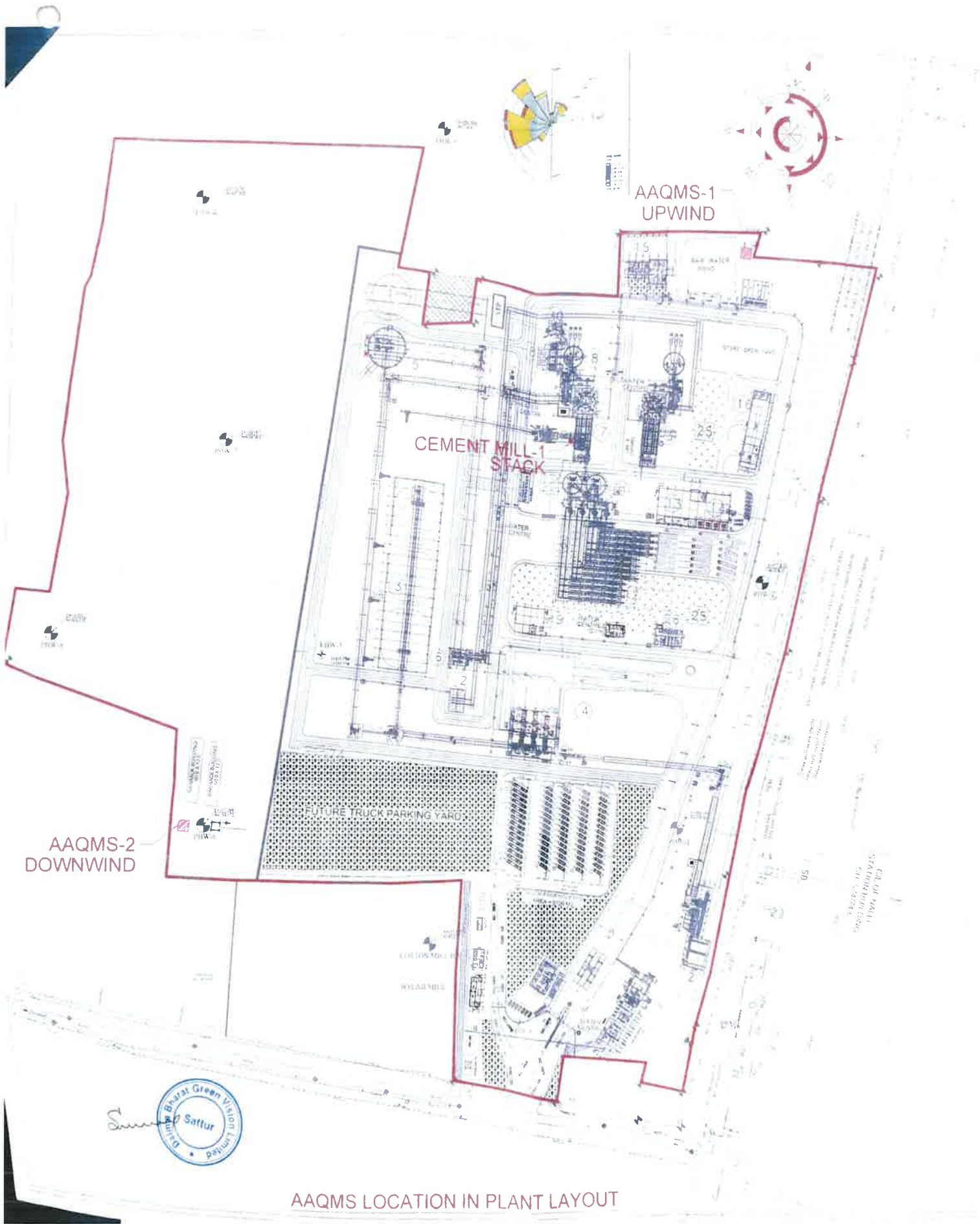
Encl: As above

CC:

1. The District Environmental Engineer, TNPCB, No.23, Master Plan Area, Sathur Road, Collectorate, Virudhunagar - 626 002.
2. The Member Secretary, TNPCB, Mount Salai, Guindy, Chennai - 600 32.

Dalmia Bharat Green Vision Limited

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