

F. No. J-11011/379/2006-IA.II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

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Dated: 29.01.2019

To,
The President (Projects)
M/s Sagar Cements Limited
Village Mattampally, Matampally Mandal,
District Suryapet, Telangana

Subject: Expansion of Cement Plant with increase in production of Clinker from 2.0 to 4.81 and Cement from 2.35 to 5.00 MTPA & Installation of 2x18 MW coal based Thermal Power plant along with 22 MW Waste Heat Recovery based Power Plant located at Mattampally Village, Matampally Mandal, Suryapet District, Telangana State of M/s Sagar Cements Limited - Environmental Clearance regarding.

Sir,

This has reference to your application vide online proposal no. **IA/TG/IND/78600/2006** dated 12th September, 2018 along with copies of EIA/EMP report seeking environmental clearance under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at Sl. No. 3(b) Cement Plants under Category "A" EIA Notification, 2006 and the proposal is appraised at Central level.

2.0 M/s Sagar Cements Ltd (SCL), is operating a Cement Plant near Mattampally Village & Mandal, Suryapet District, Telangana State. The Terms of Reference application was initially received online on 14.08.2016 vide Application No. IA/TG/IND/67426/2017. The project was appraised in the 22nd Expert Appraisal Committee (Industry) [EAC(I)] meeting held during 11th -13th September, 2017 and prescribed Terms of Reference (ToR) to the project for undertaking detailed EIA study for obtaining Environmental Clearance vide letter even No. dated 19.09.2017. Subsequently, an amendment to the prescribed Terms of Reference (ToR) was issued vide letter even No. dated 28.03.2018 for change in production capacities. Later on, a Corrigendum to the amended ToR was issued vide letter even No. dated 15.06.2018.

3.0 M/s Sagar Cements Ltd (SCL) is operating Cement Plant located at Mattampally Village & Mandal, Suryapet District, Telangana. The project Proponent made a proposal for increasing Clinker production capacity from 2.0 to 4.81 MTPA by modernization of existing Unit I & II and installation of

New unit i.e., Unit III of 2.0 MTPA clinker capacity; cement production capacity of the plant will be enhanced from 2.35 to 5.0 MTPA. Power requirement of the Cement is presently met from existing 7 MW Waste Heat Recovery Based Power plant and Grid. To support cement plant and as part of expansion SCL proposes to increase power generation capacity from 7 to 58 MW by installing 2 X 18 MW Coal Based Power Plant along with one more Waste Heat Recovery Based Power Plant of 15 MW capacity (WHRB PP). The existing project was accorded Environmental Clearance vide Ir.No. J-11011/379/2006-IAII(I) dated 2nd April 2007. The Status of compliance of earlier EC was obtained from Regional Office, Chennai vide Ir. No.EO/12.1/545A/AP/600, dated: 25.04.2018. There are no non-compliances reported by Regional officer. The proposed capacity for different products are as below:

Cement plant	Before Expansion			After expansion		
	Clinker	Cement	Power (MW)	Clinker	Cement	Power (MW)
	(MTPA)			(MTPA)		
Unit -I	0.50	0.30	7.0 (WHRB CPP)	0.66	0.30	58 MW (addition of 2x18MW Coal based CPP) +15 MW WHRB CPP
Unit -II	1.50	2.05		2.15	3.00	
Unit -III	0.00	0.00		2.00	1.70	
Total	2.00	2.35		4.81	5.00	

4.0 The Cement plant is presently located in an area of 61 Ha and after expansion the total area of the cement plant will be increase to 86 Ha (an additional area of 25 Ha will be used for expansion) in the existing premises of SCL. No forest land involved. No River passes through the project area. No perennial water bodies are present which needs modification/diversion.

5.0 The topography of the area is gently undulating with Lateritic soils and reported to lie between 16°45'39.98"N to 16°46'21.63"N latitude and 79°51'27.43"E to 79°52'4.06"E Longitude in Survey of India topo sheet No. 56/P/13, at an elevation of 84 m above msl. The ground water table reported to range between 5-60 m below the land surface. No ground water will be used for the plant. The stage of development below 70% is considered safe. The present stage of development up to 36.07 %. The present study area is in "SAFE" category.

6.0 No National Park / Wildlife Sanctuary / Biosphere Reserve/ Tiger Reserve/ Elephant Reserve etc., are reported to be located in 10 km radius of the study area. The nearest Reserved forest is Sultanpur RF at 1.8 km in the SW direction. It is reported that during the ecological studies, No, Schedule - I species are observed.

7.0 The details of raw materials requirement and transportation are proposed as below.

Raw Material		Before Expansion (TPA)	After Expansion (TPA)	Source	Mode of Transport
Limestone		3.30	7.2	3.30 MTPA from Existing Captive Limestone Mine - ML-1	Conveyor
				3.9 MTPA from New Captive Limestone Mines (ML-2 & ML-3)	Road & Conveyor
Limestone - CPP For control of SO ₂			0.013	New Captive Limestone Mines	Conveyor
Iron ore		0.06	0.144	Bellary	Railway
Laterite		0.06	0.144	Rajahmundry	Railway
Gypsum		0.12	0.25	EID Parry India Ltd., Chennai & Coramandel Fertilizers Ltd., Vizag	Trucks / Railway
Coal / Petcoke	Cement Plant	0.36	0.86	Singareni Collieries Company Ltd / Imported Coal / Petcoke from USA	Trucks / Railway
	CPP	-	0.22		
Fly ash		0.20	1.5	1.41 from Power plants of VTPS, KTPS, NTPC and ITC. 0.08 from SCL Captive Power plant and	Road

8.0 The plant is designed to manufacture cement by adopting the dry process technology. The process involves inter alia including Limestone Mining; Limestone Crushing; Stacking & Reclaiming; Raw material grinding; Coal Crushing & Grinding; Pyro-Processing; Cement Grinding; Cement Packing. SCL proposes to increase power generation capacity from 7 to 58 MW by installing 2 X 18 MW Coal Based Power Plant along with 15 MW Waste Heat Recovery Based Power Plant (WHRB PP). Power generation process is based on Rankine Steam cycle. The steam generated in the boiler when expanded through a turbine, turns the turbine shaft, which in tandem is coupled to an electric power generator.

9.0 The present water requirement of the plant including colony is about 1300 m³/day is sourced from Mine Pit and Bore wells. For the expansion phase, additional water consumption of 1000 m³/day is required. The source of water for this additional quantity is bore well and mine pit. SCL has obtained necessary permission for water drawal of 453.2 m³/day from

Borewells from the Mandal Revenue Officer (Tahisildar), who is the sanctioning Authority under WALTA Act.

11.0 The peak power consumption in the SCL Cement plant complex including mine is 25 MW. This requirement is met from Grid and WHRB Power Plant. Additional power required is about 35 MW and the same will be sourced from existing 7 MW WHRB CPP and proposed 15 MW WHRB CPP and 2 X 18 MW Coal Based CPP Power plant.

12.0 Baseline Environmental Studies were conducted during Post monsoon Season i.e. from October 2017 to December 2017, Ambient air quality monitoring has been carried out at 8 locations during October'17, November'17 and December '17 and the data submitted indicated: PM10 (51.9 to 60.4 $\mu\text{g}/\text{m}^3$), PM2.5 (21.8 to 31.9 $\mu\text{g}/\text{m}^3$), SO₂ (11.3 to 13.9 $\mu\text{g}/\text{m}^3$) and NO₂ (12.5 to 15.0 $\mu\text{g}/\text{m}^3$). The results of the modeling study indicates that the maximum increase of GLC for the proposed project is 7.37 $\mu\text{g}/\text{m}^3$ with respect to the PM10, 5.86 $\mu\text{g}/\text{m}^3$ with respect to the SO₂ and 15.9 $\mu\text{g}/\text{m}^3$ with respect to the NO_x.

13.0 Ground water quality has been monitored in eight locations in the study area and analysed. For Ground water samples pH: 7.09 to 7.19, Chlorides: 63 to 330 mg/l, Fluoride: 0.49 to 1.0 mg/l. Heavy metals are within the limits. Surface water sample was analyzed in six locations. pH: 7.39 to 8.37, Chlorides: 60 to 421 mg/l, Fluoride: 0.65 to 1.15 mg/l, Heavy metals are within the limits.

14.0 Noise levels are in the range of 53.9 to 50.4 dB(A) for daytime and 43.8 to 40.1 dB(A) for nighttime in 10 KM Study Area.

15.0 The total area of cement plant is owned by SCL. Additional area required is also own land of SCL, no Rehabilitation and Resettlement is involved. Thus no adverse impact is anticipated.

16.0 The major solid waste management inter alia include i) Solid waste generated from colony is disposed after segregating the waste into bio-degradable and non-degradable; ii) Bio degradable waste - Composting; iii) Non-degradable waste - land filled at within plant site; iv) STP sludge will be used as Manure in the Plantation work; v) SCL is storing hazardous waste in an isolated storage area with covered shed is provided within plant site with all safety precautions of handling; and v) Ash generated from proposed power plant will be totally consumed in the cement plant.

17.0 The Telangana State Pollution Control Board (TSPCB) issued the Water & Air consent to operate renewal for the existing production capacity i.e. Clinker-2.0 MTPA, Cement-2.35 MTPA vide letter no. TSPCB/RCP/NLG/CFO/HO/2017-3408 dated 14.03.2017, and consent is valid up to 31.01.2022 and also TSPCB issued the Water & Air consent to operate renewal for the existing capacity i.e. WHRB CPP 7 MW, vide letter no. TSPCB/RCP/NLG/CFO/HO/2017-1572 dated 29.08.2017 valid up to 31.01.2022.

18.0 The Public hearing of the project was held 09.08.2018 by Telangana State Pollution Control Board near Existing plant under the Chairmanship of Joint Collector & Additional District Magistrate, Sri. D. Sanjeeva Reddy, for Proposed expansion of Cement plant to increase in production capacity

of Clinker from 2.0 MTPA to 4.81 MTPA and Cement production from capacity 2.35 MTPA to 5.0 MTPA by new Line-III and Power Generation from 7 MW to 58 MW by Installation of 2X18 MW Coal Based Thermal power plant along with 22 MW Waste heat Recovery based power plant.

19.0 Based on the issues raised during public hearing and need based assessment conducted for local area, an amount of Rs.6.50 crore was proposed as Corporate Environment Responsibility (CER) budget in accordance to the MoEFCC's office Memorandum # F.No. 22-65/2017-IA.III dated 01.05.2018 which is to be implanted in 3 years.

20.0 The cost of the proposed expansion is estimated to be about Rs. 1000 Crores which includes the cost of Environmental Management Plan of Rs. 80 crores with the annual recurring cost of Rs.6.65 crores.

21.0 SCL proposes to recruit about 250 persons for operation of Unit – III and Coal based Thermal and WHR Power Plant.

22.0 The required greenbelt as per norms is 33 % of the plant area which is about 29 Ha. SCL has already developed greenbelt in 20.5 Ha, under the expansion an additional greenbelt of 8.5 Ha will be developed.

23.0 The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

24.0 Name of Environment Consultant: M/s B.S. Envirotech, Hyderabad.

25.0 The proposal was considered by the Expert Appraisal Committee (Industry-I) during its 36th meeting held on 9th – 10th October, 2018. After detailed deliberations the committee recommended the instant proposal for environmental clearance with following specific and general conditions:

26.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant Environmental Clearance for the proposal **'Expansion of Cement Plant with increase in production of Clinker from 2.0 to 4.81 and Cement from 2.35 to 5.00 MTPA & Installation of 2x18 MW coal based Thermal Power plant along with 22 MW Waste Heat Recovery based Power Plant located at Mattampally Village, Matampally Mandal, Suryapet District, Telangana State'** of M/s Sagar Cements Limited under the provision of EIA Notification dated 14th September, 2006, as amended, subject to strict compliance of the following Specific and General conditions:

A. Specific Conditions:

- i) The project proponent shall transport the lime stone from proposed mine lease area to the plant only by closed conveyer system.
- ii) Permission for drawl of water shall be obtained from the competent authority.
- iii) The CER shall address, *inter alia*, including the rain water harvesting in and around the plant premises.
- iv) No ground water shall be drawn for the expansion project.

- v) Plantation of additional 10,000 trees shall be carried in the plant premises, *inter alia*, including mine premises.
- vi) No pet coke shall be used for thermal power plant.

B. General Conditions:

I. Statutory compliance:

- i. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- ii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25th S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. 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.
- iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles; and
- xi. Provide Low NO_x burners as primary measures and SCR /NSCR technologies as secondary measure to control NO_x emissions.
- xii. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xiii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport
- xiv. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.

III. Water quality monitoring and preservation

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.

- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimise water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

V. Energy Conservation measures

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide the project proponent for LED lights in their offices and residential areas.
- iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.

VI. Waste management

- i. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016
- ii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Greenbelt:

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full

cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

27.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

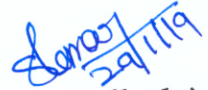
28.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

29.0 The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.

30.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

31.0 Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

This issues with the approval of Competent Authority.


(Sharath Kumar Pallerla)
Scientist 'F' / Director

Copy to:-

1. **The Secretary**, Department of Environment & Forests, Government of Telangana, Secretariat Hyderabad.
2. **The Additional Principal Chief Conservator of Forests**(C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 600034.

3. **The Chairman**, Telangana State Pollution Control Board, NH65, MRF Colony, RC Reddy Colony, Ramachandra Puram, Hyderabad, Telangana 502032
4. **The Member Secretary**, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
5. **The District Collector**, District **Suryapet Mednipur**, Telangana.
6. **Guard File / Record file / Monitoring file.**
7. **MOEF&CC Website.**

Sharath Kumar Pallerla
29/11/19

(Sharath Kumar Pallerla)
Scientist 'F'/Director