

F. No. J-11011/1142/2007-IA.II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

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Dated: 28.01.2019

To,
M/s. Orient Paper and Industries Limited
Village Amlai, P.O Amlai Paper Mills,
District Shahdol, Madhya Pradesh- 484117.

Subject: Proposed Capacity Enhancement by Increasing Pulp Production from 62,000 BD TPA to 90,000 BD TPA by upgrading the existing pulp mill without increasing the permitted paper production capacity of 1,00,000 TPA of M/s. Orient Paper and Industries Limited located at Amlai, District Shahdol, Madhya Pradesh- Environmental Clearance regarding.

Sir,

This is reference to your online application vide proposal no. IA/MP/IND/49845/2016 dated 10th November 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. 5(i) Pulp and Paper Industry under Category "A" EIA Notification, 2006 and the proposal is appraised at Central level.

2.0 The Proposed Capacity Enhancement by Increasing Pulp Production from 62,000 BD TPA to 90,000 BD TPA by upgrading the existing pulp mill without increasing the permitted paper production capacity of 1,00,000 TPA of M/s Orient Paper & Industries Ltd (OPIL) located in Village Amlai, Block Burhar, Sohagpur Tehsil, Shahdol District in the state of Madhya Pradesh was initially received in the Ministry on 26th March 2018 for obtaining EC under expansion under para 7 (ii) as per EIA Notification, 2006. The project was appraised by the Expert Appraisal Committee (Industry) [EAC(I)] during the 30th Expert Appraisal Committee meeting held on 9th to 10th April 2018 and was recommended to prescribe ToRs to the project for undertaking detailed EIA study for obtaining environmental clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on 17th April 2018 vide Letter No J-11011/1142/2007-IA.II (I)

3.0 The project of M/s. Orient Paper Mill Industries Ltd located in Village Amlai, Block Burhar, Sohagpur Tehsil, Shahdol District in the state of Madhya Pradesh is proposing for Capacity Enhancement by Increasing Pulp Production from 62,000 BD TPA to 90,000 BD TPA by upgrading the existing pulp mill without increasing the permitted paper production capacity of 1,00,000 TPA. The existing project was accorded environmental clearance vide letter F. No. J-11011/1142/2007-IA-II(I) dated 19th March 2008. Later on amendments to the Environmental Clearance was

obtained vide letters even no.s dated 18th August 2008; 2nd December 2010; and 17th October 2016. The Status of compliance of earlier EC was obtained from Regional Office, Bhopal vide Letter No. 5-210/2008(ENV)/1259, dated 23.03.2018. There are no non-compliances reported by Regional officer.

4.0 The overview of the proposed capacities as against the existing capacities are as below:

SL No	Description	Units	Existing Installed Capacity	Existing Permitted Capacity	Post Project Scenario	Remarks
1	Products					
1.1	Paper (Writing, printing and color)	TPA	45,000	45,000	45,000	No change
1.2	Tissue Paper	TPA	55,000	55,000	55,000	No change
1.3	Total Paper Production	TPA	1,00,000	1,00,000	1,00,000	No change
2	PULP MILL					
2.1	In house Pulp Mill	BD TPA	93,500	62,000	90,000	The existing chlorine based bleaching technology will be replaced with ECF bleaching. Upgradation/Augmentation of Black liquor Evaporation capacity
3	Steam Generation					
3.1	Stoker fired boilers	TPH	2x90	2x90	2x90	No Change
3.2	CFBC boiler	TPH	1x100	1x100	1x100	No Change
3.3	AFBC boiler	TPH	1x150	1x150	1x150	No Change
3.4	Recovery Boiler steam generation	TPH	70	60	70	Retrofitting the existing recovery boiler to meet the additional solids firing and to produce desired additional steam
3.5	Total Steam Generation	TPH	500	490	500	
4	Captive Power Generation					
4.1	TG#1	MW	30	30	30	No Change
4.2	TG#2	MW	25	25	25	No Change
4.3	Total Captive Power Plant Capacity	MW	55	55	55	No Change

4.0 No additional land is required as the proposed project includes only up-gradation of existing pulp mill and enhancement of the production of in-house pulp. The existing plant mill is having a total land of 1479 acres. It has been reported

that no water body/ water body exist around the project and modification/diversion in the existing natural drainage pattern at any stage has not been proposed.

5.0 The topography of the existing mill area is flat and reported to lie between 23.199251° to 23.188036° N Latitude and 81.589983° to 81.596057° E Longitude in Survey of India topo sheet No 66-E/12 at an elevation of 500 m AMSL. The ground water table reported to range between 1.66 m to 17.86 m below the land surface during the post-monsoon season and 1.66 m and 17.86 m below the land surface during the pre-monsoon season. Based on the hydro-geological study, the stage of groundwater development is reported to be 6%. and Shahdol district comes under safe category from groundwater development point of view.

6.0 No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the project. The area also does not report to form corridor for Schedule-I fauna. No schedule I fauna in the study area were observed.

7.0 Process Description: Additional wood required for the proposed project will be in the order of 222 TPD as against the current consumption of about 483 TPD. The wood and bamboo will be processed in the existing chipper house with 3 numbers of chippers of adequate capacity and washed with treated wastewater. The processed wood will be then digested in the existing digesters using the white liquor (comprising of the digesting chemicals) from the re-causticizing unit at an elevated temperature using steam and hot water. Additional quantity of digesting chemicals of about 37 TPD will be required for producing additional 83 TPD pulp. In order to optimize the existing pulp mill manufacturing process, it is proposed to install balancing equipment and adoption of environmental friendly Elemental Chlorine Free (ECF) bleaching technology in the bleaching section of the pulp mill. The proposed project involves in increasing the production of Chlorine Dioxide to cater to the requirements of ECF bleaching. The existing ClO₂ plant shall be upgraded from 2.5 TPD to 7.5 TPD capacity. The dry solids will be processed in existing recovery boiler to produce 70 TPH steam as against current steam generation from recovery boiler of about 52 TPH. Retrofitting of existing Recovery Boiler will be undertaken to fire the additional Black Liquor solids generated.

8.0 Overall Material Balance of the Existing and Post Project Scenario is given below:

SI. No.	Parameter	Unit	Existing Operating Scenario	Post Project Scenario (Operating at full capacity)
1	Peak paper production	TPD	250	300
2	Pulp	BD TPD	182	265
3	Wood	TPD	483	705
4	Black Liquor Solids from pulp mill	TPD	328	477
5	Digesting chemicals	TPD	82	119
6	Elemental chlorine used in the plant for bleaching	TPD	11	0
7	Steam generation from power boilers	TPH	198	198
8	Steam generation from recovery boiler	TPH	52	70

SI. No.	Parameter	Unit	Existing Operating Scenario	Post Project Scenario (Operating at full capacity)
9	Black liquor Solids firing in recovery boiler	TPD	328	477
10	Solids load on lime-kiln	TPD	65	75
11	Lime mud purging from lime-kiln as solid waste	TPD	15	15
12	Coal consumption in power plant	TPD	840	840
13	Power Demand (including auxiliary power)	MW	36	37

9.0 The targeted chemical wood pulp production capacity is 90,000 BD TPA. Steam generated from the firing of additional black liquor solids in the Solids Recovery boiler will meet the additional steam demand in the plant. Hence no additional coal consumption for the project is envisaged.

10.0 Specific fresh water consumption in pulp mill will be reduced from current level of 33 m³/t to 18 m³/t of pulp during post project scenario with the installation of ECF bleaching. Hence no increase in fresh water consumption is envisaged in the pulp mill area. The total fresh water consumption in the existing facility is about 20,250 m³/day whereas during the post project scenario the total fresh water consumption will be reduced to 17,225 m³/day. The facility has obtained water allocation permission from Water Resource Department, Madhya Pradesh is 12.46 M.Cum/ annum (36000 m³/day).

11.0 The power requirement of the project is estimated as 1 MW which will be sourced from the existing captive power plant. Since the facility is already permitted to generate 55MW power, no additional power generation units (boilers and steam turbines) will be installed under the proposed scheme.

12.0 Baseline Environmental Studies were conducted during Pre-monsoon season i.e. from 16th April 2018 to 17th July 2018. Ambient air quality monitoring has been carried out at 8 locations during 16th April 2018 to 17th July 2018 and the data submitted indicated: PM₁₀ (70.3 µg/m³ to 93.5 µg/m³, PM_{2.5} (35.1 to 54.0 µg/m³), SO₂ (5.9 to 17.6 µg/m³) and NO_x (19.6 to 47.3 µg/m³). The results of the modeling study indicates that the maximum increase of GLC for the proposed project is 0.65 µg/m³ with respect to the PM₁₀, 1.05 µg/m³ with respect to the SO₂ and 0.75 µg/m³ with respect to the NO_x.

13.0 Ground water quality has been monitored in eight (8) locations in the study area and analysed. pH 7.12 to 7.60. Total Hardness 118 mg/l to 275 mg/l, Chlorides 38.10 to 110.40 mg/l, Fluoride 0.42 mg/l to 0.75 mg/l. Heavy metals are within the limits. Surface water samples were analysed from two locations of River Sone. pH 7.21 to 7.36; DO 6.5 mg/l to 7.2 mg/l and BOD < 5 mg/l. COD from 10.56 mg/l to 15.34 mg/l.

14.0 Noise levels are in the range of 48.10 dB(A) to 58.75 dB(A) for daytime and 39.52 dB(A) to 50.10 dB(A) for night time.

15.0 No R&R is involved as no additional land is required for the project.

16.0 The additional lime sludge of 10 TPD will be reburnt in the existing lime kiln. The additional lime grit of 5TPD will be used for Road making and filling of low lying area within the mill premises as per the existing practice. Addition wood dust of 6 TPD will be used as fuel in boilers as per existing practice. No increase in hazardous waste is envisaged. The existing facility has fully developed the green belt/plantation of 633 acres (43 %) in its premises to control the adverse impact of fugitive dust, noise.

17.0 The facility is granted Consent to Operate from MPPCB vide their Consent No. AW-48319 dated 14.05.2018, valid up to 30.04.2019 under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 as amended.

18.0 The Public hearing of the project was held on 23.10.2018 at the project site OPM Sikshan Sansthan, Amlai under the chairmanship of Additional District Magistrate (ADM) for the proposed capacity enhancement by Increasing Pulp Production from 62,000 BD TPA to 90,000 BD TPA by upgrading the existing pulp mill without increasing the permitted paper production capacity of 1,00,000 TPA. The issues raised during public hearing are related to CSR activities. The project proponent assured that as per the existing practices such as providing drinking water facilities to local vicinity, arranging health camps etc various CSR activities will be undertaken under the CSR budget.

19.0 Activities, based on the issues raised during Public Hearing and need based assessment in the local area, under CER are inter alia education, skill development programme, health, drinking water and environment with financial provision of Rs 40 lakhs.

20.0 The capital cost of the project is Rs 40 crores and the capital cost for environmental protection measures is proposed as Rs. 28 crores. The annual recurring cost towards the environmental protection measures is proposed as Rs 500 Lakhs.

21.0 Out of the total 1479 Acres of the entire facility, 633 Acres of the land has been developed under greenbelt and plantation. Dominant species planted in the facility are Eucalyptus, Casuarina equisetifolia, Leusianasp, Peltophorum pterocarpum, Azadiractaindica, Delonixregia, Mangiferaindica, Cocos nucifera, Ficusspp, Polyalthialongifolia, Palms and Bougainvilla.

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

23.0 Name of the Consultant: Chola mandalam MS Risk Services Limited. SI No in the QCI list: 26

24.0 It is reported that the existing project is implementing the ZLD. The committee advised the project proponent to adhere to the ZLD in the proposed expansion also.

25.0 The proposal was placed before the 2nd REAC meeting held during 10th to 12th December 2018. After details deliberations, the committee recommended for environmental clearance for the proposed expansion in total production capacity and augmentation of integrated melting and rolling facility under the provisions of EIA Notification, 2006 subject to 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 Reconstitute Expert Appraisal Committee (Industry-I) and hereby decided to grant Environmental Clearance for the proposal '**Capacity Enhancement by Increasing Pulp Production from 62,000 BD TPA to 90,000 BD TPA by upgrading the existing pulp mill without increasing the permitted paper production capacity of 1,00,000 TPA of M/s. Orient Paper and Industries Limited located at Amlai, District Shahdol, Madhya Pradesh** 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 take necessary steps for control of odour.
- ii) The project proponent shall establish a soil laboratory within 2 years for the farmers to advise on soil quality.
- iii) The PP shall adhere to Zero Liquid Discharge.

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 the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- iii. 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 vide G.S.R. No. 546 (E) dated 30th August 2008 as amended from time to time 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 the systems be calibrated according to equipment supplier's specification through labs recognized 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 to carryout Continuous 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 NOx in reference to SO₂ and NOx 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 install high volume, low concentration NCG collection & destruction system to mitigate all malodorous gases emitted.
 - vii. Emissions shall be controlled from chemical recovery section through primary and secondary venturi scrubbers.
 - viii. Pollution control system in the pulp and paper plant shall be provided as per the CREP Guidelines of CPCB.
 - ix. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
 - x. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
 - xi. In case of treatment process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
 - xii. The company shall install Oxygen Delignification (ODL) Plant and shall maintain AOX below 1 kg/tonne of paper production
 - xiii. Elemental Chlorine Free (ECF) technology shall be used and lime kiln shall be installed to manage lime sludge

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 546 (E) dated 30th August 2008 as amended from time to time 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- 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. The project proponent shall provide the ETP to meet the standards prescribed in vide G.S.R. No. 546 (E) dated 30th August 2008 as amended from time to time and S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time.
- 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. Tyre washing facilities shall be provided at the entrance of the plant gate(s).
- viii. Ensure that there is no black liquor spillage in the area of pulp mill, no use of elemental chlorine for bleaching in mill, installation of hypo preparation plant.
- ix. Ensure that no spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE in the Chemical recovery process directly to ETP
- x. The project proponent shall practice rainwater harvesting to maximum possible extent.
- xi. Water meters shall be provided at the inlet to all unit processes in the steel plants.
- xii. The project proponent shall make efforts to minimise water consumption in the steel 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 LED lights in their offices and residential areas.

VI. Waste management

- i. Deinking sludge and fine sludge from ETP shall be disposed through TSDF.
- ii. Black Liquor shall be separately processed for recovery of energy and chemical in a Chemical Recovery Process.

- iii. Sufficient number of colour coded waste collection bins shall be constructed at shop floors in each shop to systematically segregate and store waste materials generated at the shop floors (other than Process waste) in designated coloured bins for value addition by promoting reuse of such wastes and for good housekeeping.
- iv. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office. (in case of CPP)
- v. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016

VII. Green Belt

- 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 project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and 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.
- v. The proponent shall follow International Standards of safety for ClO₂ generation and storage system, and ozone plant, and certification on regular basis may be submitted. Provision for adequate safety for personnel in case of any accidental leakage should be in place

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.

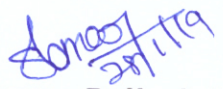
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- i. Action plan for implementing EMP and environmental conditions along with responsibility 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.
- iv. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- v. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Pulp and Paper 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.

This issues with the approval of Competent Authority.


(Sharath Kumar Pallerla)
Scientist 'F' / Director

Copy to:-

1. **The Secretary**, Department of Environment, Government of Madhya Pradesh, Secretariat Bhopal.
2. **The Additional Principal Chief Conservator of Forests(C)**, Ministry of Environment and Forest Regional Office (WZ), Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road No.3, Ravishankar Nagar, Bhopal -462 016.
3. **The Member Secretary**, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
4. **The Chairman**, Madhya Pradesh State Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016.
5. **The District Collector, Shahdol** District, State Madhya Pradesh.
6. Guard File/Record File/Monitoring File.
7. MoEF&CC Website.


(Sharath Kumar Pallerla)
Scientist 'F'/Director