



Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

To,

The Sr. Executive Business  
JOSHI TECHNOLOGIES INTERNATIONAL INC - INDIA PROJECT  
701, Parshwanath Esquare, Corporate Road, Prahladnagar, Satellite,  
Ahmedabad,,Ahmedabad,Gujarat-380015

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/GJ/IND2/150670/2020 dated 27 Sep 2022. The particulars of the environmental clearance granted to the project are as below.

- |  |   |
|--|---|
| 1. EC Identification No.                   | EC22A002GJ177775  |
| 2. File No.                                | IA-J-11011/92/2020-IA-II(I)   |
| 3. Project Type                            | New   |
| 4. Category                                | A   |
| 5. Project/Activity including Schedule No. | 1(b) Offshore and onshore oil and gas exploration, development & production                                       |
| 6. Name of Project                         | Drilling of infill development wells ( Five numbers) in Wavel Oil field in Gandhinagar District of Gujarat, India |
| 7. Name of Company/Organization            | JOSHI TECHNOLOGIES INTERNATIONAL INC - INDIA PROJECT  |
| 8. Location of Project                     | Gujarat   |
| 9. TOR Date                                | 08 May 2020   |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 31/10/2022

(e-signed)  
A N Singh  
Scientist E  
IA - (Industrial Projects - 2 sector)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

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This has reference to your online proposal no. IA/GJ/IND2/150670/2020, dated 27<sup>th</sup> September, 2022 for environmental clearance to the above-mentioned project.

**2.** The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for the proposed Drilling of Infill Development wells in Wavel field in Gandhinagar Taluka in Gandhinagar District, Gujarat by M/s Joshi Technologies International Inc-India Project.

**3.** All project activities i.e. Offshore and Onshore Oil & Gas Exploration, Development & Production are listed at S. No. 1(b) of schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central level by Expert Appraisal committee (EAC).

**4. The details of products and capacity as under:**

JTI proposes drilling of up to 2 (two) infill development wells in the Wavel oil field for development of field. The proposed wells will be drilled from existing well (WA#7) by directional drilling method. Co-ordinates of well location namely WA#7 are 23.202044 (N) 72.654906 (E).

**5.** Wavel (WA) oil field, was discovered by ONGC in 1962. ONGC drilled Six (6) Nos. of wells and established production installation at Survey No 107, Opp Sarita Udhyan, Indroda, behind airforce camp, Indroda 382007, Taluka and District: Gandhinagar. The field was handed over by ONGC to Larsen & Toubro Limited and Joshi Technologies international Inc -India Project for development in the year 1995. The PSC for the field was signed with GOI on 20th February, 1995. JTI had acquired L&T Participating Interest and became operator of field w.e.f. 31st March, 2004. JTI drilled 1 development / infill well in 2006, which was drilled prior to 14th September, 2006 for which No Objection Certificate and Common Consent and Authorization was issued by Gujarat Pollution Control Board. There are two operational wells in the field currently. The installation located at Survey No 107, Opp Sarita Udhyan, Indroda, behind air force camp, Indroda 382007, Taluka and District: Gandhinagar has valid Consent to Operate from GPCB for Crude oil: 900 m<sup>3</sup> /Month Associated Natural Gas: 60,000 m<sup>3</sup> /Month. The Government of Gujarat re-granted the mining lease for crude oil and natural gas for Wavel oil field on 20<sup>th</sup> March, 2018 to Joshi Technologies international Inc - India Project. Total block area of Wavel Oil field is 9 sq. km. JTI proposes drilling of up to 2 new infill development wells in the Wavel oil field for development of field. JTI intends to drill wells to a depth of about 1800 meters.

**6.** Existing production installation is operational on the basis of Consent to Operate because existing industry is operational prior to EIA Notification 2006. Thus Environmental Clearance was not applicable. Latest CTO (air & water) has been issued on AWH-10502; Dated 14/11/2019; valid up to 28/10/2024. Certified CTO compliance report has been issued vide letter no. GPCB/CTE-GNR-82(2)/ID-28700/682906, dated 13/09/2022 from RO, GPCB, Gandhinagar. EAC found the information satisfactory.

**7.** Standard Terms of Reference have been obtained vide letter no. IA-J-11011/92/2020-IA II (I) Dated 08/05/2020. It was informed that no litigation is pending against the project and or any direction/order passed by any court of law against the project.

**8.** Public Hearing for the proposed project had been conducted by the Gujarat Pollution Control Board on 4<sup>th</sup> March, 2022, at 11.00 hrs at EPS Wavel, Survey No. 107, Opp. Sarita Udhyan, Behind Air Force Camp, Sector – 8, Village Indroda, Taluka & District Gandhinagar, Gujarat chaired by Additional District Magistrate, Gandhinagar. The main issues raised during the public hearing and their action plan:

**Regarding CER,** Industry proposes to allocate Rs. 0.4 Crores towards Extended EMP (Corporate Environment Responsibility).

**Regarding compensation to land loser,** PP informed that in this proposed project, existing land is to be used for drilling of two wells, Hence no additional land has to be taken. This land is leased from the Government. The company will lease the land from the government till the oil is produced in the existing wells and in the future when the production stops, the land will be returned to the government after bringing the land back to its original condition.

**Regarding disposal of waste water,** JTI has an ETP plant of 200 m<sup>3</sup> / day capacity at Dholka. The wastewater generated from proposed project site will be sent to Dholka by road tanker and after treatment in ETP, treated water will be injected into the water injection well. This will help to increase the production. This is an international system in which water injection maintains pressure in the well and increases oil production. Waste water will be discharged at the time of drilling. It will be stored in site HDPE lined peat and if it is found to have high oil / grease content after analysis, it will be treated in ETP and disposed in our water injection well. So it will not affect the village.

**Regarding Record of waste water,** The company has two road tankers with GPS location system and their ID, password is also given to GPCB. In addition, records of this daily transport are maintained. Regarding Type of Drilling mud, PP informed that JTI will use water based mud. The main content is bentonite, which is only clay, hence not considered as hazardous waste.

**Regarding Generation and Disposal of drilling mud,** JTI has appointed a Mumbai-based OFI company to look into whether there is mud hazardous waste at the time of drilling. They take mud samples every five meters and perform analysis wherever drilling takes place. If there is a hazardous waste then they will send for incineration within one month of completion of drilling and if there is no hazardous constituents it will be disposed of at the landfill site within 2-3 months after drying.

**Regarding Generation and disposal of solid waste,** If the percentage of oil in the oil content sludge is high then this oil will be sent for incineration and after drying the mud which has low oil content it will be sent to GPCB approved landfill site and this is done in the existing project as well.

**Regarding Job Opportunities - local employment,** The current project employs 50% locals. The need for high scale technical manpower requires certified persons who bring in contracts. But for helper or working class jobs JTI will try to provide employment to the locals.

**Regarding Disaster Management Plan,** JTI has prepared Disaster Management Plan and submitted it to the Collector. At the time of drilling, JTI will follow all the safety precautions.

**Regarding Hot Flaring,** Hot flare is not a permanent activity. Drilling time is 30-40 days. There is a possibility of gas leakage during drilling of oil zone in last 5-6 days. If gas will be encountered, it will be sent to EPS Wavel. Thus hot flare will not be done.

**Regarding Greenbelt Development,** JTI will participate with GPCB in helping to plant trees every year for the next five years.

**9.** Total number of proposed wells are two. These wells will be drilled from existing well by directional drilling, thus additional land is not required for the proposed project operation. Greenbelt will be developed within project site boundary and within various identified locations of LIZ (likely impact zone area) of 1.5 km. During construction and operation phase, JTI will participate with GPCB in helping to plant trees every year for the next five years. The estimated project cost is Rs. 20 Crore. Capital cost of EMP would be Rs. 1.22 crore and recurring cost for EMP would be Rs. 0.0098 crore per annum. Industry proposes to allocate Rs. 0.44 Crores towards Extended EMP (Corporate Environment Responsibility). Total employment will be about 40-50 persons at the drilling rig for a short duration of about 30-40 days at each well.

**10.** There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. Reserve forests/protected forests: Indroda (Within the Block in NE direction), Lokawada (2 km in NE direction), Borij(2.41 km in NE direction) are located. Conservation plan for schedule I species - Indian peafowl (*Pavocristatus*) has been submitted to Chief Wildlife Warden (CWLW) dated 28.06.2022 and a budget of INR 3,50,000/- has been earmarked for the same. Sabarmati River (0.8 km from nearest well) and Narmada main canal (1.0 km from nearest well) are passing through the block area.

**11.** Ambient Air Quality monitoring was carried out at 8 Locations during 24<sup>th</sup>

October, 2020 to 15<sup>th</sup> January, 2021 and base line data indicates the ranges of concentrations as: PM<sub>10</sub> (82-96 µg/m<sup>3</sup>), PM<sub>2.5</sub> (28-36 µg/m<sup>3</sup>), SO<sub>2</sub> (7.9-9.1 µg/m<sup>3</sup>) and NO<sub>2</sub> (12.6-14.2 µg/m<sup>3</sup>). AAQ modeling study for point source emissions indicates that maximum incremental GLCs after the proposed project would be 0.59 µg/m<sup>3</sup>, 0.59 µg/m<sup>3</sup>, 1.64 µg/m<sup>3</sup> with respect to PM<sub>10</sub>, SO<sub>x</sub> and NO<sub>x</sub>. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

**12.** Total fresh water requirement will be 20 m<sup>3</sup>/day which shall be met by procuring RO water from local supplier. Domestic: 2.04 KLD (from each well this waste water will be treated and disposed through mobile STP). Industrial: 5 KLD per well of effluent generated during exploratory drilling activity will be treated in mobile ETP. Treated water will be recycled/reused for mud preparation and Residue will be sent in HDPE lined pit for evaporation. Produced water generated after drilling of proposed wells will be separated at installation located at Indorda, Taluka and District Gandhinagar and is transported to JTI's GGS located at Village Rasikpura, Taluka and District Kheda via road tanker for further treatment in ETP and treated effluent is injected into re-injection well. Design Capacity of Dholka ETP is 200 KLD.

**13.** Power requirement for each drilling well will be met from Diesel engines. The capacity of the diesel engine that shall be used for operating the rig and the circulation system is expected to be of 750-1000 HP (2 nos. – One standby) which will be run by High Speed Diesel. This generator shall consume approximately 2-2.5 m<sup>3</sup> of fuel per day, when in operation, stack height (9m above roof of nearby buildings) will be provided as per CPCB norms to the proposed DG Sets.

**14. Details of Process emissions generation and its management:**

- There is no process stack involved in the said project for Drilling of Infill Development wells in Wavel field in Gandhinagar.

**15. Details of solid waste/Hazardous waste generation and its management:**

- During drilling of one well; ~ 30 MT drill cutting fluid will be sent to TSDF.
- Drill cuttings and drilling mud will be disposed off in accordance with the Gazette Notification dated 30th August 2005 - G.S.R 546 (E), Section C 'Guidelines for Disposal of Solid Waste, Drill Cuttings and Drilling Fluids for Offshore and Onshore Drilling Operation'.

**16.** During deliberations, EAC discussed following issues:

- PP shall commit that mobile STP shall be installed. Proposal for the same shall be submitted. PP has submitted the details that 2.04 KLD of Sewage generated will be treated in Onsite Mobile Prefabricated / Pre structured STP (capacity 2.5 KLD) and treated water will be further reused for flushing to the tune of 1.45 KLD and remaining 0.55 will be utilized for general washings within the site.

- CER activities shall be completed within 1 year. PP has increased the CER cost from Rs. 0.4 Cr to Rs 0.44 Cr per year per well.
- Revised cumulative GLC including flare emissions & DG sets shall be submitted and flare height shall be clarified. Flare height is 9 m and revised GLC has been submitted considering DG sets and flare. 0.59 µg/m<sup>3</sup>, 0.59 µg/m<sup>3</sup>, 1.64 µg/m<sup>3</sup>, 0.032 µg/m<sup>3</sup>, 0.097 µg/m<sup>3</sup> w.r.t PM, SO<sub>2</sub>, NO<sub>x</sub>, THC & CO have been reported as incremental GLC.
- Latitude and longitude of re-injection well & Dholka oil field shall be submitted. PP informed that DK-25 (Latitude – 22.703930 and longitude – 72.536141) & DK-45 (Latitude – 22.697706 and longitude – 72.539969).
- Undertaking for typographical error in BOD value 15 instead of 1.5 presentation shall be submitted. PP confirmed that this has happened due to typographical error, actual value may be read as 1.5 mg/l.

The committee was satisfied with the response provided by PP on above information.

**17.** The proposal was considered by EAC (Ind-2) in its meeting ID: IA/IND2/13349/11/10/2022 held on 11<sup>th</sup> October, 2022 in the Ministry, wherein the project proponent and their accredited Consultant M/s Kadam Environmental Consultants (NABET certificate no. NABET/EIA/2023/SA 0164, valid up to 19<sup>th</sup> March 2023), presented the case. The Committee **recommended** the project for grant of environmental clearance.

**18.** The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

**19.** The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

**20.** The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not

tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

**21.** Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposal for **proposed Drilling of Infill Development wells in Wavel field in Gandhinagar Taluka in Gandhinagar District, Gujarat by M/s Joshi Technologies International Inc-India Project**, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

**A. Specific Condition:**

- (i). The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.
- (ii). No drilling activities shall be carried out within 500 m from the water bodies.
- (iii). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (iv). No pipelines or its part shall be laid in the Forest land/Protected Area without prior permission/approval from the Competent Authority of Forest Department.
- (v). Total fresh water requirement shall not exceed 20 m<sup>3</sup>/day and will be met through Tankers Supply. Prior permission shall be obtained from the concerned regulatory authority.
- (vi). The project proponent will treat and reuse the treated water within the facility premises and no waste or treated water shall be discharged outside the premises. Mobile ETP coupled with RO shall be installed to reuse the treated water in drilling system. Mobile STP shall also be installed for treatment of sewage. Size of the waste shall be equal to the hole volume+ volume of drill cutting and volume of discarded mud if any. Two feet free board may be left to accommodate rain water. There shall be separate storm

water channel and rain water shall not be allowed to mix with waste water. Alternatively, if possible pit less drilling be practiced instead of above.

- (vii). As proposed, produced water generated after drilling of proposed wells shall be separated at installation located at Indorda, Taluka and District Gandhinagar and transported to JTI's GGS located at Village Rasikpura, Taluka and District Kheda via road tanker for further treatment in ETP (200 KLPD) and treated effluent is injected into re-injection well. Treated effluent shall meet the water quality standards for re-injection well as per the CPCB/SPCB guidelines. PP shall monitor water quality of treated effluent regularly and maintain records.
- (viii). During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
- (ix). The project proponent also to ensure trapping/storing of the CO<sub>2</sub> generated, if any, during the process and handling.
- (x). Approach road shall be made pucca to minimize generation of suspended dust.
- (xi). The project proponent shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.
- (xii). The company shall construct the garland drain to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated.
- (xiii). Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August, 2005.
- (xiv). Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- (xv). The project proponent shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.
- (xvi). The project proponent shall develop a contingency plan for H<sub>2</sub>S release



including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.

- (xvii). Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.
- (xviii). On completion of the project, necessary measures shall be taken for safe plugging of wells with secured enclosures to restore the drilling site to the original condition. The same shall be confirmed by the concerned regulatory authority from environment safety angle. In case of hydrocarbon not found economically viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH / Indian Petroleum Regulations. After completion of drilling of any well, the owner or operator shall restore the well site, remove or fill all pits used to contain produced fluids or industrial waste and remove all drilling supplies and equipment not needed for production.
- (xix). As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility (Rs. 0.44 Crores), and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within 1 year as proposed.
- (xx). No lead acid batteries shall be utilized in the project/site.
- (xxi). Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xxii). Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
- (xxiii). The project proponent shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.
- (xxiv). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC

on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

**B.General Condition:**

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB

and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

- (viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.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 shall be forwarded to the concerned Regional Office of the Ministry.
- (x) The project authorities 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 and the date of start of the project.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**22.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

**23.** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**24.** Any appeal against this environmental clearance 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.

**25.** The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

**26.** This issues with the approval of the competent authority.

**(A. N. Singh)**  
**Scientist-'E'**

**Copy to: -**

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar - 382 010 (Gujarat)
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Gandhi Nagar, A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10 A, Gandhi Nagar-382010
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043 (Gujarat)
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gandhinagar, Gujarat
7. Guard File/Monitoring File/Parivesh portal/Record File.

**(A. N. Singh)**  
**Scientist-'E'**

**E-mail: [aditya.narayan@nic.in](mailto:aditya.narayan@nic.in)**  
**Tel. No. 11-24642176**