



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

To,

The General Manager
OIL AND NATURAL GAS CORPORATION LIMITED
Deendayal Urja Bhavan, 5, Nelson Mandela Marg, Vasant
Kunj,,Ramanathapuram,Tamil Nadu-110070

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/WB/IND2/407038/2022 dated 07 Mar 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC23A002WB139313 |
| 2. File No. | IA-J-11011/55/2020-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 | Onshore development and production of oil and gas from 15 Development wells and establishment of Quick Production Systems (QPS) in NELP VII block WB-ONN-2005/4 situated in North 24 Parganas and Nadia districts, West Bengal |
| 7. Name of Company/Organization | OIL AND NATURAL GAS CORPORATION LIMITED |
| 8. Location of Project | West Bengal |
| 9. TOR Date | N/A |

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

Date: 13/04/2023

(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/WB/IND2/407038/2022, dated 07th March, 2023 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 Onshore Development and Production of Oil and Gas from 15 Development Wells and Establishment of Quick Production System (QPS) in NELP-VII Block WB-ONN-2005/4 located at Village Ashoknagar, Tehsil Habra II, District North 24 Parganas & Nadia, State West Bengal by M/s. Oil and Natural Gas Corporation Limited.

3. All Offshore and onshore oil and gas exploration, development & production proposals are listed at S.N. 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:

S. No	Unit	Product/by-product	Existing Quantity	Proposed Quantity	Total Quantity
1.	Cu mtr/day	Oil and Gas	0	12	12

Under the new exploration licensing policy (NELP) of Govt. of India, Oil and Natural Gas Corporation (ONGC) has been awarded an onshore Exploration Block WB-ONN-2005/4, in Bengal onland Basin, State of West Bengal for exploration of hydrocarbons. Oil and Natural Gas Corporation Ltd. is engaged in exploration activities in NELP-VII Block WB-ONN2005/4 in the onland part of Bengal Basin in West Bengal state with OIL India Ltd. as JV partner. The block covers 24 Parganas (North), Hooghly and Nadia districts. The latitude and longitude of the block lies between 23°20' 00" N to 22°42' 00" N and 88°10' 00" E to 88°10' 00" E respectively. The total quantum of activities for the present proposal includes the following:

- Drilling of Fifteen (15) Development / Production wells.
- Construction of Surface Facilities (QPS i.e. Quick Production System) to monetize Asokenagar oil & gas discovery in Bengal Onland Block WB-ONN-2005/4 under NELP-VII.
- Depth of the proposed well will be 2300 to 2500 m

Coordinates of Proposed wells are as given below:

Sr. No.	Well location	Latitude	Longitude
1	ASOKENAGAR (D1)	22°50'14.69" N	88°35'40.86" E

2	B3 (D2)	22°50'05.08" N	88°35'35.07" E
3	K-WB-C (D3)	22°52'05.39" N	88°37'11.88" E
4	B-B-AS-B (D4)	22°52'46.35" N	88°35'32.53" E
5	K-WB-J (D5)	22°50'04.12" N	88°32'58.17" E
6	D6	22°50'14.13" N	88°38'29.28" E
7	D7	22°54'58.54" N	88°40'20.33" E
8	D8	22°47'43.74" N	88°35'15.83" E
9	D9	22°47'31.36" N	88°39'36.64" E
10	D10	22°44'55.82" N	88°34'08.24" E
11	D11	22°45'21.11" N	88°41'06.11" E
12	D12	22°55'33.00" N	88°36'09.55" E
13	D13	22°49'18.09" N	88°35'44.54" E
14	D14	22°50'07.66" N	88°35'02.19" E
15	D15	22°50'54.67" N	88°35'31.95" E

5. Standard Terms of Reference have been obtained vide F. No. No.IA-J-11011/55/2020-IA-II(I) dated 18th April 2020. It was informed that no litigation is pending against the proposal.

6. Public Hearing for the proposed project had been conducted by the West Bengal Pollution Control Board on 01.08.2022 at Ashok nagar, which was chaired by ADM (DLLRO) North 24 Parganas Barasat & on 29.07.2022 at Krishnanagar chaired by ADM Nadia. The main issues raised during the public hearing and their action plan to address issues are as given below:

S. No	Name and Address	Issues Raised by Public	Response by Project Proponent at the time of Public Hearing	Action Taken/ Action to be Taken/Responsibility	Fund Required /Timeline
NADIA DISTRICT					
1	Md. Hasi Mondal,	About the terms and	The lease period is for	Lease compensation & will	-

	Baliadanga	condition of the land lease and duration of the work. About the development of village roads, street lights etc.	3 years and after negotiation with the land owners, proper compensation would be given. Street lights, water purifiers, infrastructure development at school etc. will be done by ONGC.	be done as per regulatory norms. Street lights, water purifiers, infrastructure development at school etc. will be undertaken by ONGC.	~ 30 lacs Timeline: within 2 years from the commencement of the project
2	Sri Durgaprada Goswami, Baliandanga	About the site restoration process after the work is completed. About the benefits of the local villagers due to the project.	The land will be restored in the previous condition with all the necessary testing and handed over back to the land owners. ONGC will help in developing schools, toilets, sports activities, drinking water facilities etc. for the local villagers. ONGC will also setup	ONGC have SOP in place for restoration of well site in case of abandonment. ONGC will extend financial support towards the development of <ul style="list-style-type: none"> • Toilets & sports activities for schools • Drinking water facilities etc. for the local villagers. • Medical camps and will engage local people for temporary works at site. 	- ~ 20 lacs Timeline: within 2 years from the commencement of the project

			medical camps and engage local people for temporary works at site.		
3	Sri Rajkumar Mondal (Panchayat Pradhan, Fatepur GP) of Baikara Village	If the land belongs to multiple owners then how ONGC will acquire the same.	The land will be taken on lease after negotiation with multiple land owners.	Lease & compensation will be done as per regulatory norms.	-
4	Sri Predeep Mondal, Baliadanga	Whether ONGC will do the levelling work for the total land as different crops need different level of land. He also asked that whether the drilling activities will affect the ground water level.	After the end of lease period the top soil would be removed and filled up with fresh soil. The land will be levelled as per previous condition. The drilling activities will be performed with conductor casing and the ground water will not be contaminated. Moreover, ONGC uses surface water for drilling	ONGC will do the levelling work & top soil will be removed and will be filled up with fresh soil as per SOP.	-

			activities which will not affect the ground water level.		
5	Sri Sannyasi Mondal, Baliadanga	Due to the movement of vehicles the crops and the vegetables in the adjoining agricultural fields will be affected by dust emission.	Separate land would be acquired for approach roads so that the adjoining agricultural fields will not be affected due to dust emission.	<ul style="list-style-type: none"> • Since the well locations are tentative locations and it might change, so road constructions will take place after finalising the drilling location. • Provision of Pucca road will be made • Water sprinkling for dust suppression 	~ 50 lacs Timeline: within 2 years from the commencement of the project
6	Sri Madhab Mondal, Baliadanga	Requested ONGC to fulfil their commitments as discussed in the public hearing.	ONGC explained about the provisions of CER activities to the villagers.	No action is required	-
NORTH 24 PARGANAS DISTRICT					
1	Sri Narayan Goswami, M.L.A. Ashokenagar	He expressed his support for the proposed project and explained everyone the importance of the project as it will help in financial development of the surrounding areas. He	-	No action is required	-

		also stated that ONGC will materialise the project by maintaining the balance of all the environmental factors. Besides, he stated that ONGC has fulfilled the previous CSR activities and will do the same in near future.			
2	Shri Probohdh Sarkar, Chairman-Ashokenagar Kalyangarh Municipality	He admired and supported the project. He said that due to the said project, ancillary industries will develop in the adjoining areas which will help in employment generation. This project will help in the development of socio-economic condition of the locality.	-	No action is required	-
3	Sri Md. Golam	Enquired about the	For each well only	Employment will be generated via the	-

	Ahiya, Mandalhat	size of the land that has to be acquired, whether the development wells will affect the adjoining agricultural fields. He also asked about employment generation & education qualification required for the same and the compensation package for the acquired land.	150 mtr X 150 mtr land is required and the drilling activities will not have any adverse effect on the adjoining agricultural fields. He also replied that employment will be generated via the contractors engaged in ONGC drilling activities.	contractors engaged in ONGC drilling activities.	
			After discussion with the agricultural department and the land owners, the compensation package is decided and the land is acquired for a lease period of 3 years.	Lease & compensation will be done as per regulatory norms.	-
4	Sri Saifuddin Golder, Kamarpur	Whether preference would be given to the locals for employment	The contractors of ONGC will hire local people depending	ONGC will provide employment to local people depending on the requirement. Compensation will	-

		t. He also asked about the compensation package for the lands.	on the requirements. Compensation will be provided to the private land owners before acquiring the land.	be provided by ONGC to the private land owners before acquiring the land	
5	Sri Md. Rahamatullah Mondal, Mandalhat	If the land owners can cultivate in the adjoining plots of the site. He also enquired about the future of the acquired land after the lease period is over	The agricultural work can continue at the adjoining plots of the site and ONGC will return the acquired land in original state after site restoration works.	ONGC will return the acquired land in original state after site restoration works.	-
6	Sri Bappa Ghosh, Pumlia	About the contribution that ONGC will make in health & education sector at the local villages. He also requested ONGC to provide solar lighting arrangements in the school	ONGC has identified 3 Nos. primary health centres in Pumlia village. ONGC will help in developing the infrastructure of these primary health centres. In the next phase, ONGC will develop the	Development of 3 Nos. identified primary health centres infrastructure by ONGC. ONGC will develop solar lighting arrangements and other infrastructure for schools located in the villages.	~ 30 lacs Timeline: within 2 years from the commencement of the project.

			infrastructu re for the schools located in the village.		
7	Shri Nazimul Hossain, Kamarpur	About employemen t generation and developmen t of local areas due to the proposed project	If oil & gas is found then ancillary industries will develop in the adjoining areas which will help in employmen t generation. This will also help in developmen t of the surrounding areas	ONGC will provide employment to local people depending on the requirement.	-
8	Sri Abdul Ali Mondal, Mandalhat	About the developmen t of the local villages	Street lights, school buildings etc. will be developed by ONGC.	ONGC will develop Street lights, school buildings, solar lightings for the schools etc.	~ 20 lacs Timeline: within 2 years from the commencem ent of the project.
9	Sri Saiful Gazi, Kamarpur	Enquired about the results of the air, water, soil samples collected from all the proposed locations. He also enquired whether ONGC will mitigate the environmen	The results of the samples tested are within acceptable limits as per WBPCB norms. As per the EIA report submitted by ONGC, they are committed to mitigate any	Mitigation of any environmental risk or hazard that might occur due to the said project will be done by ONGC.	-

		tal risk that might arise due to drilling works	environmen tal risk or hazard that might occur due to the said project.		
10	Sri Ashis Ghosh, Tajpur	Whether there would be any adverse effect in the adjoining agricultural fields due to the fluid extracted from drilling activities. He also asked about site restoration activities. He enquired about the process for contacting the ONGC officials if required	The fluid will be extracted from a depth of approx. 3000 meters and drilling activity will not affect the adjoining agricultural fields. He also replied that after 3 years of lease period the land will be returned to the owners after proper site restoration works. The local villagers can directly contact the site in-charge of ONGC if required.	No action required	-

7. PP has submitted certified compliance report dated 6.03.2023 issued by IRO, Kolkata. It was reported that no non compliance has been observed.

8. Total land area required for QPS is 5.46 hectares & for drilling wells is 33.75 hectares. Greenbelt will be developed in total area of 1.8 hectares i.e., 33% of total land area of QPS. The estimated project cost is Rs. 516 Crores. Capital cost

of EMP would be Rs 1.19 Crores and recurring cost for EMP would be Rs. 0.22 Crores per annum. Industry proposes to allocate Rs. 1.50 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 70 persons as direct & indirect.

A Quick Production Set-up (QPS) consists of the following setup:

- 02 gas wells with 1,20,000 SCMD of gas, 2 CMD Condensate and 60 CMD of water.
- 02 oil wells with 25.5 CMD of oil, 9 CMD of water and around 2000 CMD associated gas.
- Oil / Condensate will be stored in separate tanks after gas & water separation and will be evacuated through road tankers to IOC-Refinery (Indian Oil Corporation), Haldia.
- Gas will be treated through separation of condensate & water, Gas dehydration unit & Dew point depression unit and will be despatched to trunk line after compression.
- Effluent water from oil and gas processing will be treated in a ETP before disposal. Disposal of treated effluent will be done with the prior approval of SPCB.

9. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance.

10. Ambient air quality monitoring was carried out at 12 locations during 11.11.2021 to 10.01.2022 and the baseline data indicates the ranges of concentrations as: PM₁₀ (87-100 µg/m³), PM_{2.5} (20-45µg/m³), SO₂ (7.0-8.1µg/m³) and NO₂ (17.7-20.6 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.051 µg/m³, 0.051 µg/m³ and 2.81 µg/m³ with respect to PM₁₀, SO₂ and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

11. Total fresh water requirement will be 45 CMD, which will be met from Surface water. The committed suggested to restrict the fresh water requirement to 25 CMD. Effluent of 24.5 CMD quantity will be treated through Effluent Treatment Plant of capacity 100 KLPD & 80 KLPD. STP will be installed to treat sewage generated from the project site.

12. Power requirement will be 3.8 MW for drilling activity & 135 KW for QPS, which will be met from local State Electricity Board & DG set. The emissions to the atmosphere from the drilling operations shall be from the DG Sets. These emissions will contain traces of PM, SO_x & mainly NO_x. The concentration of SO₂ in the emitted gas will depend on the fuel source, which in this case shall be diesel containing low sulphur. The flare stack will be provided at a distance of 30 m from well, given the fact that, flaring is a temporary activity which will not last for more than a few days.

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

- Used oil – The used oil will be sent to authorized recyclers.
- ETP sludge – It will be sent to TSDF site
- Empty barrels /containers/ liners contaminated with hazardous chemicals/wastes- It will be sent to TSDF site.

14. During deliberations, EAC discussed following issues:

- PP informed to take following measures for storm water management at drilling site located near the water bodies:
 - I. Level of the Drilling site shall be constructed in such way that outside rainwater should not enter into the drilling site
 - II. Garland drain will be constructed to prevent runoff of anywaste into the nearby water bodies.
 - III. Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. No effluent/drilling mud shall be discharged/disposed off into nearby surface water bodies
 - IV. Provision of HDPE lined pit for storage of waste water
 - V. Surface drains will be adequately graded and maintained and kept debris free to ensure quick disposal of their contents.
- PP has submitted plant species for plantation proposed in 1.8 Ha of QPS will be developed as greenbelt considering 1500 trees per hectare as per CPCB guidelines.
- EAC noted that budget allocated towards CER is only for addressing issues raised in public hearing and suggested to do CER activities apart from that increasing the budget to Rs. 5.00 Crore. However, PP submitted a revised CER detailed list for enhanced the budgetary allocation to Rs. 1.5 Crore.

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

15. The proposal was considered in EAC Meeting ID: IA/IND2/13462/15/03/2023 held on 15th March, 2023 in the Ministry, wherein the project proponent and their accredited Consultant namely M/s. Kadam Environmental Consultants (NABET certificate no. NABET/EIA/2023/SA 0164 and validity Mar 19 2023), presented the case. The Committee **recommended** the project for grant of environmental clearance.

16. 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 the 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 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.

17. The Committee noted that the EMP report is in compliance of the PFR. The Committee 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.

18. 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.

19. 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 for **proposed Onshore Development and Production of Oil and Gas from 15 Development Wells and Establishment of Quick Production System (QPS) in NELP-VII Block WB-ONN-2005/4 located at Village Ashoknagar, Tehsil Habra II, District North 24 Parganas& Nadia, State West Bengal by M/s. Oil and Natural Gas Corporation Limited**, 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). Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall undertake all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
- (ii). 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(Annexure-I).

- (iii). No pipelines or its part shall be laid in the Forest land/Protected Area without prior permission/approval from the Competent Authority.
- (iv). Total fresh water requirement shall not exceed 25 CMD and will be met from surface water. Prior permission shall be obtained from the concerned regulatory authority.
- (v). The project proponent will treat and reuse the treated water within the factory 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. The size of the waste pit 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 rainwater. There shall be separate storm water channel and rainwater shall not be allowed to mix with wastewater. Level of the Drilling site shall be constructed in such way that outside rainwater should not enter into the drilling site. Alternatively, if possible, pit less drilling be practiced instead of above.
- (vi). 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.
- (vii). As proposed, produced formation water is stored in formation water tanks shall be disposed to the abandoned wells of ONGC after necessary treatment. Separated water from phase separation system will be treated in an ETP and will be reused. 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 CO₂ 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). 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 HOW(M&TM) 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.
- (xiii). 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.
- (xiv). 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.
- (xv). The project proponent shall develop a contingency plan for H₂S 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.
- (xvi). Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.
- (xvii). 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.
- (xviii). PP proposed to allocate Rs. 1.50 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan. Further, all the proposed activities under CER shall be completed within 2 years of commencement of project activities in consultation with District Administration (Annexure-II).

- (xix). End of life lead acid batteries shall be disposed in compliance with the rules specified in Battery Waste Management Rules,
- (xx). 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.
- (xxi). Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
- (xxii). 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.
- (xxiii). PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non- compliance or infringement should be reported to the concerned authority
- (xxiv). The Project Proponent shall undertake Occupational Health survey for initial and Periodical medical examination of the workers engaged in the Project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides carrying out regular periodic health check-up of their workers, 20% of the workers engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.
- (xxv). 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 31st 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.

20. 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.

21. 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.

22. 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.

23. 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.

24. This issues with the approval of the competent authority.

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

Copy to: -

1. The Principal Secretary, Department of Environment & Forest, 5th Floor, Pranisampad Bhawan, Block LB-II, Salt Lake, Sector III, Bidhannagar, Kolkata – 700 106
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Kolkata IB – 198, Sector-III, Salt Lake City, Kolkata - 700106
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
4. The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhawan 10A, Block-LA, Sector-III Bidhannagar, Kolkata-700 106.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. District Collector, North 24 Parganas, West Bengal.
7. District Collector, Nadia, West Bengal.
8. Guard File/Monitoring File/ Parivesh Portal /Record File.

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

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ANNEXURE-I

Details of capital and recurring cost of EMP:

Sl.No	Description	Capital Cost in Lakhs	Recurring Cost in Lakhs/A nnum
1.	Wastewater Effluent Management	10.5	6.3
2.	Noise and Vibration	5.5	0.03
3.	Solid Waste Management	5.5	0.14
4.	Air Emission	54.0	5.25
5.	Soil	43.8	10.61
	Grand Total	119.3	22.33

Details of extended EMP (CER) activities:

S. no.	District	Particulars	Activity	Timeline	Total
1	NADIA	Community infrastructure	<ul style="list-style-type: none"> Solar Street lights, water purifiers, infrastructure development at school Drinking water facilities etc. for the local villagers. 	Within 2 years from the commencement of the project	30 Lac
2		Pollution Control	<ul style="list-style-type: none"> Provision of Pucca road will be made Water sprinkling for dust suppression 		50 lacs
3		Health & Sanitation	<ul style="list-style-type: none"> Medical camps and will engage local people Toilets & sports activities for schools 		20 Lac
4	NORTH 24 PARGANAS	Health	3 Nos. identified primary health centres	Within 2 years from the commencement of the project	30 Lac
5		Infrastructure	Solar Street lights, school buildings		20 Lac
Total funds under CER					Rs. 1.5 Crores