SIX MONTHLY COMPLIANCE REPORT FOR ENVIRONMENT CLEARANCE (April 2024 to September 2024)

Name of the project	Onshore Development and Production of oil and gas from 28 wells and establishment of kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks, Golaghat
	district, Assam.
Location of project/ address:	Districts Golaghat (Assam)
Letter No. & date of Environment Clearance granted by MOEF	F.No. IA-J-11011/149/2023-IA-II(I) dated 31.07.2023
Present Status of project	04 wells have been drilled.
Date of Commencement of Project	03.06.2023
Project Area as Per EC Granted (In Case of Mine Lease)	245.62 sq.km.
Actual Project Area (In Case of Mine Lease)	245.62 sq.km.
Crude Oil Production during 2023-24	1477.67 MT
Natural Gas Production during 2023-24	0.014867 MMSCM
	Location of project/ address: Letter No. & date of Environment Clearance granted by MOEF Present Status of project Date of Commencement of Project Project Area as Per EC Granted (In Case of Mine Lease) Actual Project Area (In Case of Mine Lease) Crude Oil Production during 2023-24

SL. No.	Condition Description	lack of Forest clearance by EAC Committee.		
1.	As proposed by the Project Proponent, out of 28 wells, the proposal for drilling of 12 wells from EC application (where forest clearance is pending) in 6 PML Blocks Golaghat District, Assam has been dropped. Now, PP has to apply separately for the consideration of environmental clearance for the remaining 12 wells located in the forest area in case they want to drill the Said wells. Therefore, environmental clearance has been granted for Onshore Development and Production of oil and gas from 16 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks.			
2.	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.	Action plan and action on issue raised during Public Hearing in phase wise manner is being Implemented.		
3.	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 as per proposed in Annexure-II.	All statutory compliance and environmental protection measures is being regularly complied. All Recommendation made in EIA / EMP is Being implemented as proposed in Annexure-II.		
4.	No pipelines or its part shall be laid in the Forest land/Protected Area without prior permission/approval from the Competent Authority.	No pipeline has been laid in the Forest Land/protected area.		
5.	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.	Total fresh water requirement is less than 25 CMD.		
6.	The project proponent will treat and reuse the treated water within the drilling site 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 a way that outside rainwater shall not enter into the drilling site. Alternatively, if possible, pit less drilling be practiced instead of above.	At drilling site mobile ETP is being used for treatment of waste water generated during the drilling operations. Treated water is used for in-house requirements and remaining treated water is stored in open impervious pits for evaporation. Mobile ETP is installed to treat the waste water		
7.	PP shall ensure the compliance of standards stipulated for flaring in the Environmental (Protection) Rules, 1986. In case of elevated flaring, the minimum stack height shall be 30 m. Height of stack shall be such that maximum GLC never exceeds the prescribed	Minimum stack height 30 m is maintained in the Operational areas.		

	ambient air quality limit.	
8.	The company shall construct the garland drain to prevent runoff of any oil containing waste entering into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated wastes.	Garland drain is standard practice by ONGC therefore constructed to prevent runoff of any oil containing waste into the nearby water bodies' It was ensured that separate drainage system shall be created for oil contaminated and non-oil contaminated. Project Informed that ETP is in place for effluent treatment
9.	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 reinjection well as per the CPCB/SPCB guidelines. PP shall monitor water quality of treated effluent regularly and maintain records.	ETP treated water quality is being monitored continuously
10.	During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.	The fugitive emissions are being monitored
11.	The project proponent also to ensure trapping/storing of the CO2 generated, if any, during the process and handling.	There are no CO2 emissions.
12.	Approach road shall be made pucca to minimize generation of suspended dust.	Roads are being constructed as per site/operation requirement and periodic repair & maintenance done to contain suspended dust.
13.	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.	All the DG sets are fitted with acoustic enclosure and stack height is maintained as per CPCB guidelines
14.	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 HW (M&TM) Rules, 2016. No effluent/drilling mud shall be discharged/disposed of 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.	Drill cuttings are washed thoroughly after separating form drilling fluid and disposed in HDPE lined waste pits. No effluent/drilling mud is discharged/disposed of into nearby surface water bodies. The guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation are being followed
15.	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	No oily sludge is being generated during drilling. Burnt

	technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.	for storage and disposed as per regulation.
16.	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.	All necessary measures are being taken to prevent fire, oil spill and to keep gaseous emissions to minimum. Bioremediation is done as and when required
17.	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.	This is not a H2S prone area. Also SCBA (self-contained Breathing Apparatus) available at Rig.
18.	Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.	BOP is installed to prevent well blowouts and maintained as per OMR, OISD guidelines. Hydrostatic head is maintained in well bore as per GTO.
19.	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.	In case of abandonment of drill site (if well is dry), well is plugged as per regulations and well mouth get covered with steel plate by welding as per Site Restoration Procedure of ONGC.
20.	PP proposed to allocate Rs. 1.40 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure III). Further, all the proposed activities under CER shall be completed within 2 years of commencement of project activities in consultation with District Administration.	
21.	End of life lead acid batteries shall be disposed in compliance with the rules specified in Battery Waste Management Rules.	ONGC have buy back contract with supplier along with this Lead acid batteries are being replaced in phased manner.
22.	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.	
23.	Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's	Agreed & Noted for compliance.

	Regional Office.	
24.	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.	Copy of Environmental Management Plan is made available at site. SOP/Operation manual is available at Rigs. Data regarding environment monitoring is kept at site office.
25.	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.	Each processing unit has a dedicated Environmental Monitoring unit wherein dedicated chemists are posted. All the relevant environmental parameters of air and water are being regularly monitored.
26.	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 drilling operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.	Implemented as directed
27.	Greenbelt will be developed for GGS and EPS in total area of 1.1979 hectares i.e., 33% of total project area with tree density @ 2500 trees per hectares, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant.	
28.	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	Noted

the comp	iance 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	e report being submitted to concerned authority

B. General Condition:

SL. No.	Condition Description	Compliance
1	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.	Noted.
2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Most of the lighting have been replaced with LED and remaining are being replaced with LED lights.
3	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).	All DG sets are fitted with Acoustic Enclosures. Noise levels are kept within prescribed standards as per EPA -1986. Ear muffs and ear plugs are used by the workmen's.
4	The company shall undertake all relevant measures for improving the socioeconomic 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.	Noted

5	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.	Sufficient funds are earmarked 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. It is ensured that funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
6	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.	Complied. The copy of letter sent to Zilla Parishad is attached at Annexure –A
7	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.	Agreed and noted for compliance.
8	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 email.	Environmental statement in Form-V has been submitted to state pollution control board for the year 2023-2024. Annexure –B Compliance of environmental clearance conditions will be uploaded at <u>https://www.ongcindia.com</u> and detail will be provided in the next six monthly compliance report.
9	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.	Complied. Published in two local newspaper. 1.Assam Tribune dated 15.09.2023 2.Pratidin Times, dated 15.09.2023 Annexure – C

10	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.	
11	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.	

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	°,		Subj	ect: Grant of Environm under the provisio	nental Clearan on of EIA Notifi	ce (EC) to the proposed Project Acticitation 2006-regarding	vity
	and Responsive Facilitation by Interactive,	Environment Single-Window Hub)	in r IA/A	ladam, This is in refere espect of project s S/IND2/423980/2023 d rance granted to the pr	lated 14 Jun 2	pplication for Environmental Clearance the Ministry vide proposal n 2023. The particulars of the environ pelow.	ce (EC) umber mental
I	ation by	le-Wind	1. 2.	EC Identification No. File No.	08	EC23A002AS160394 IA-J-11011/149/2023-IA-II(I)	
S	ilita	ıgu	3. 4.	Project Type Category	1	New	
Ш Х	Fac	nt Si	4. 5.	Project/Activity include Schedule No.	ding	1(b) Offshore and onshore oil and g exploration, development & product	jas tion
PARIVESH	sponsive	ivironme	6.	Name of Project	Ine Protects	Onshore Development and Product oil and gas from 28 wells and establishment of kasomarigaon EP GGS at SUAB drill site in forest are PML Blocks, Golaghat district, Assa	S and a in 6
	d Re	IS EI	7.	Name of Company/Or	ganization	OIL AND NATURAL GAS CORPORATION LIMITED	
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	(Pro-Active	and Virt		project details along wit onwards.	h terms and c	onditions are appended herewith fro	m page
			Date	: 31/07/2023		(e-signed) A N Singh Scientist E IA - (Industrial Projects - 2 sec	tor)
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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/AS/IND2/423980/2023 dated 14th June, 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 16 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks located at Village Kasmari Gaon, Tehsil Sarupathar, District Golaghat, State Assam by M/s. Oil and Natural Gas Corporation Limited.

3. The proposed project is included under activity 1(b) "Offshore and onshore oil and gas exploration, development & production" are listed at S.N. 3 of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).

S.	Product	Existing	Proposed	Total quantity
No	Details	Quantity	Quantity	(Estimated)
1	Development & production well	None	production of crude oil is 330 m ³ /day and natural gas of 1.115 LSCMD. The proposed EPS would be established with a capacity of 800	established with a capacity of 800 m ³ /day and 1 Lakh SCMD of natural gas. The GGS at SUAB would be established with a capacity of 400 m ³ /day

4. The details of products and capacity as under:

5. PP informed that TOR was obtained for drilling in 28 locations in six PML Blocks i.e Golaghat District PML (52.12 Sq. Km.), Kasomarigaon PML additional area (56 Sq. Km), Kasomarigaon PML (20 Sq. Km), East Lakhibari PML (8.5 Sq. Km), Khoraghat Extn – I PML (83 Sq. Km) and Nambor PML (26 Sq. Km). All the PMLs are located in the forest area of Nambor and Dayang Reserve Forest. ONGC has also proposed to set up a Group Gathering station (GGS) at Kasomarigaon PML

(Additional area), and an Early Production system (EPS) at Kasomarigaon PML. Further, PP informed that out of the proposed 28 wells, forest clearance has been accorded to 16 wells, Kasomarigaon EPS and GGS at SUAB. The forest clearance for the rest of the 12 well locations are pending and therefore ONGC has dropped the proposal for drilling of remaining 12 wells from EC application) in forest Area in 6 PML Blocks Golaghat District, Assam. Development and production in these locations would augment the production of hydrocarbons in the present scenario of growing demand of oil and gas in the country.

Drilling will be carried out up to the desired depth of 2200-3300. Drilling is a temporary activity which will continue for about 30-60 days for each well in the block. If the well is found to be a successful hydrocarbon bearing structure, it will be sealed off for future development and would be connected to GGS. Water based mud (WBM) will be used to the possible extent.

Oil produced during development phases will be transferred to the nearby GGS /EPS by Oil tankers/Pipeline network. A Group Gathering Station (GGS) has been proposed for this project in kasamarigaon PML (Additional area). The set up is meant for Oil/Gas/Water separation from the development drilling site, along with oil treatment and stabilisation gas treatment and compression.

6. Ministry has issued Environmental Clearance for exploration activity vide certificate number J-11011/620/2007-IA-II(I) dated 22.10.2007. Certified Compliance report of existing EC has been obtained from Integrated Regional Office, MoEFCC, Guwahati vide File no- RO-NE/EIA/AS/MI/9/3910-12 dated 04.05.2023. Action Taken Report has been submitted to IRO, MOEFCC, ONGC/Jorhat Asset/HSE/CCR/KSAB dated 26.05.2023. EAC was satisfied with the response.

7. Standard Terms of Reference have been obtained vide F. No IA-J-11011/99/2019-IA-II(I) dated 20th April 2019. It was informed that no litigation is pending against the project.

Public Hearing for the proposed project had been conducted by the Assam Pollution Control Board on 30th September 2020 at Borbali ME School field, Sarupathar of Golaghat districts chaired by Additional District Magistrate. The main issues raised during the public hearing (Golaghat District) and their action plan to address the said issues raised is placed at Annexure-I.

8. Total land area required is 29.126 hectares. Greenbelt will be developed in 1.1979 hectares of land of GGS and EPS. The estimated project cost is Rs. 625 Crores. Capital cost of EMP would be Rs. 0.2825 Crores and recurring cost for EMP would be Rs. 0.1756 Crores per annum. Industry proposes to allocate Rs. 1.4 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 310 persons as direct & indirect.

PP informed that there are no national parks, wildlife sanctuaries, Biosphere 9. Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance. Two reserve forests, Dayang Reserve Forest, and Nambor Reserve Forest, are present within 10 km boundary of the PML blocks. Forest clearance is already obtained for 16 wells and Kasomarigaon EPS and SUAB GGS located within reserve forest. Forest clearance for rest of 12 wells is pending and would be dropped from EC application. Nambar wildlife sanctuary is present towards northwest direction of the block. The nearest PMLs are Kasomarigaon PML (additional area III) and East Lakhibari PML, which are 11.86 km and 10.55 km in Northwest from the ESZ boundary of the Nambar WLS respectively. The Nambar wildlife Sanctuary is located at a distance of 13 Km in Northwest direction from the nearest well (ELDD). ESZ notification for same is still not published. No activity is planned within the default ESZ of 10 km of Number wildlife sanctuary. Dhansiri river flows in the western side of all the PMLs, from south to north direction. The nearest PML is Golaghat District PML (Cluster 1), which is almost 4 km from the Dhansiri river. Dayang River and Rengma River, a tributary of Dayang River through are the main rivers flowing through PML area, while two other minor rivers, Ghiladhari and Sesapani runs within the PML area.

10. Ambient air quality monitoring was carried out at 8 locations during October 2019 to January 2020 and the baseline data indicates the ranges of concentrations as: PM_{10} (69.72 - 71.41 µg/m³), $PM_{2.5}$ (29.17 - 32.77 µg/m³), SO_2 (8.40 - 9.0 µg/m³) and NO_2 (13.77 - 15.21 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.18 µg/m³, 0.63 µg/m³, and 4.5 µg/m³ with respect to PM_{10} , SO_2 and NO_X . The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

As the previous monitoring period is already three years old, additional set of monitoring was carried out from October 2022 to December 2022. The baseline data indicates the ranges of concentrations as: PM_{10} (46.2 - 66.5 µg/m³), $PM_{2.5}$ (22.8 - 35.4 µg/m³), SO_2 (5.2-6.8 µg/m³) and NO_2 (23.2 - 26.1 µg/m³).

11. Total fresh water requirement will be 25 CMD which will be met from tanker during drilling period. Out of which, 15 m³ /day would be used for mud preparation and 10 m³/d for domestic purposes (including drinking). Tankers would be deployed from nearby source through contractors. Effluent of 20 CMD quantity will be treated through Effluent Treatment Plant of capacity 25 KLPD. Mud used during the operation will flush out formation cuttings from the well hole. These cuttings will be separated from the drilling mud by thoroughly washing and stored in the HDPE lined pits and after completion of the drilling activities, cuttings will be tested for hazardous nature and based on nature of the drill cuttings, final disposal pathway will be done. The total amount of cuttings produced during the entire drilling period

is projected to be about 225 m3 per well. Once the cuttings have been separated, the drilling fluid will be reused or processed after further treatment in a system designed to remove suspended solids that are too fine for mechanical separation in solids control package producing inlet particles called 'flocs'. The flocs will be removed in the decanting centrifuges and the resultant sludge disposed off in High Density Polyethylene (HDPE) lined pits. The cleaned wastewater will also be stored in HDPE lined pits and disposed off, after testing and any necessary treatment, to meet the regulatory requirements. The estimated amount of drilling fluid and drilling wastewater generated from the whole process would be 700 m³ and 15 - 20 m³ /day for each well. STP of capacity 25 KLPD will be installed to treat sewage generated from factory premises. The plant will be based on Zero Liquid discharge system and no effluent/treated water will be discharged outside factory premises.

12. The power requirement during the site preparation and construction phase would be met by 4 Nos. of DG Sets. The power requirement for drilling will be met by using the four Diesel Generator Sets of 750 kVA, 3 working and 1 standby. Stack of 7.7 m will be provided as per CPCB norms to the proposed DG sets.

13. Details of Process emissions generation and its management:

The emission would be generated from activities such as flaring, functioning of DG sets, etc. The management of emission is given in the following points

- All vehicles used for transportation of raw material and personnel would have valid Pollution under Control Certificate (PUC). Vehicular exhaust would be complying with the CPCB specified emission norms for vehicular Emission.
- Adequate stack height would be provided to DG sets in accordance with CPCB standards.
- Exhausts of diesel/Gas generators would be positioned at a sufficient height to ensure dispersal of exhaust emissions; engines would not be left running.
- Preventive maintenance of GEG/DG sets would be undertaken;
- Flaring would be undertaken in accordance with the CPCB Guidelines for Gaseous Emissions for Oil & Gas.

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

Waste type	Quantity	Character	istics	Disposal				
Kitchen waste	10- 15 kg/day	Organic (Non HW)	waste	The segre (orga	-			be rce and

Waste type	Quantity	Characteristics	Disposal
			disposed as per Solid Waste Management Rules, 2016.
Drill cuttings	225 m ³ /well	Mainly Inert material Consisting of shales, sands and clay; about 1% of drilling mud. (Non HW)	off in a well-designed pit lined with impervious liner located on site as per S No. 72 C.1.a Schedule I
Waste Drilling Mud (Fluid)	700 m ³	Barite, Bentonite and Traces of Heavy metals	The mud will be tested for hazardous contaminants and will be disposed as per S No. 72 C.1.a Schedule I Standards for Emission or Discharge of Environmental Pollutants from Oil Drilling and Gas Extraction Industry of CPCB as modified in 2005.
Waste oil/ Used oil	-	Used and waste oil	Hazardous waste (waste and used oil) would be managed in accordance with Hazardous Waste (Management, & Transboundary Movement) Rules, 2016.
Recyclables viz. plastic packaging, paper waste etc.	-	Depending on usage	Proper segregation and storage of recyclable waste in designated bins onsite. Recyclables will be periodically sold to local waste recyclers.

15. Total land of 29.126 Hectares of forest land is under possession of the company.

Detail of Forest clearance is presented below:

S.N.	Well	FC Status	
1	DPDD	In-Principle Approval obtained.	

2	DPDJ	
3	DPDI	
4	DPDL	
5	DPDH	
6	DPDK	
7	DPDM	
8	DPDN	
9	DPDO	In Drinciple Approval obtained
10	DPDP	In-Principle Approval obtained.
11	DPDQ	
12	DPDR	
13	KSDC	The approval for forest land diversion is
14	KSDD	granted.
15	ELDA	The approval for forest land diversion is granted.
16	NRDJ	The approval for forest land diversion is granted.
A	Kasomarigaon EPS	In-Principle Approval obtained.
В	GGS Suphayam-1 drill site	The approval for forest land diversion is granted.

List of Wells where Forest Clearance are Pending and would be dropped:

S.N.	Well	FC Status				
1	DPDA					
2	DPDB	orest land diversion process is in advanced stage.				
3	DPDC	These well locations will be dropped from the EC				
4	DPDE	application				
5	DPDF					
6	DPDG					
7	KHDE	Forest land diversion process is in advanced stage. These well locations will be dropped from the EC application				
8	NRDK					
9	NRDE	These well leastions will be dranned from the CC				
10	NRDG	These well locations will be dropped from the EC application				
11	NRDH					
12	NRDL					

Co-ordinates of proposed wells for 1(b) projects:

SI. No.	Oil Field	Wells to be Drilled/EPS/GGS	Well Coordinate
1	Nambor	NRDJ	NRDJ- 93° 53′ 35.170″ E 26° 3′ 1.540″ N,

SI. No.	Oil Field	Wells to be Drilled/EPS/GGS	Well Coordinate
2	Kasomarigaon	KSDC, KSDD	KSDC- 94° 2' 48.430" E 26° 17' 38.790" N, KSDD- 94° 3' 26.196" E 26° 17'
3	East Lakhibari	ELDA	58.452" N ELDA- 94° 2' 58.190" E 26° 22' 4.730" N
4	Kasomarigaon	EPS under GAGD project	A 94° 02′ 51.73″ E 26° 17′ 37.33″ N,
			B 94° 02' 57.25" E 26° 17' 38.85" N
			C 94° 02' 55.32" E 26° 17' 44.53" N,
			D 94° 02′ 45.29″ E 26° 17′ 41.77″ N E 94° 02′ 45.27″ E 26° 17′ 40.08″
			E 94° 02 43.27 E 26° 17 40.08 N, F 94° 02' 50.36" E 26° 17' 41.34"
			N
5	Dayalpur (Kasomarigaon	DPDM, DMDN, DPDO, DPDP,	DPDM- 94° 0' 30.421" E 26° 14' 16.320" N,
	PML additional area, cluster 3)	DPDQ DPDR	DPDN- 94° 0' 30.220" E 26° 14' 16.330" N
			DPDO- 94° 0' 30.020" E 26° 14' 16.330" N,
			DPDP- 94° 0' 30.411" E 26° 14' 16.030" N
			DPDQ- 94° 0' 30.210" E 26° 14' 16.040" N,
			DPDR- 94° 0' 30.010" E 26° 14' 16.040" N
6	Dayalpur (Kasomarigaon	DPDD, DPDH, DPDI, DPDJ, DPDK	36.320″ N,
	PML additional area, cluster 2)	and DPDL	DPDJ- 94° 0' 4.060" E 26° 13' 36.330" N
			DPDI- 94° 0' 4.250" E 26° 13' 36.140" N,
			DPDL-94° 0' 4.050" E 26° 13' 36.150" N

SI. No.	Oil Field	Wells to be Drilled/EPS/GGS	Well Coordinate
			DPDK- 94° 0' 3.850" E 26° 13' 36.150" N,
			DPDH- 94° 0' 3.860" E 26° 13' 36.330" N
7	Suphyam	GGS at Suphyam - 1	A 94° 0' 41.199" E 26° 13' 16.444" N,
			B 94° 0' 38.309" E 26° 13' 19.501" N
			C 94° 0' 35.179″ E 26° 13' 16.537″N,
			D 94° 0′ 38.296″ E 26° 13′ 13.490″ N

- **16.** During deliberations, EAC discussed following issues:
 - PP informed that TOR was obtained for drilling in 28 locations in six PML Blocks i.e Golaghat District PML (52.12 Sq. Km.), Kasomarigaon PML additional area (56 Sq. Km), Kasomarigaon PML (20 Sq. Km), East Lakhibari PML (8.5 Sq. Km), Khoraghat Extn I PML (83 Sq. Km) and Nambor PML (26 Sq. Km). All the PMLs are located in the forest area of Nambor and Dayang Reserve Forest. ONGC has also proposed to set up a Group Gathering station (GGS) at Kasomarigaon PML (Additional area), and an Early Production system (EPS) at Kasomarigaon PML. Further, PP informed that out of the proposed 28 wells, forest clearance has been accorded to 16 wells, Kasomarigaon EPS and GGS at SUAB. The forest clearance for the rest of the 12 well locations are pending and therefore ONGC has dropped the proposal for drilling of remaining 12 wells from EC application) in forest Area in 6 PML Blocks Golaghat District, Assam. PP has also submitted revised form 1 for the project.
 - The Committee deliberated on 12 observations of IRO on CCR. PP has submitted Reply/action plan on observations raised. Regarding condition no ii, there are 2 existing pits at KSAB site, which will be used for upcoming drilling activities. Regarding Condition No V, -PP informed that ONGC has rate contract with OTBL for bio-remediation of oily sludge. For restoration of drill site, ONGC has SOP in place. Regarding condition no vi, the form IV is being submitted to APCB on annual basis wherein year wise details of oily sludge and spent oil are provided. Regarding condition No xii, at present there is no flaring at KSAB site and gas is flared at KSAG. Also the present facility at KSAG is temporary and the provision of flaring as per OSD Norms would be taken up. Regarding condition No. Xvi, PP informed that ONGC has an approved SOP of site restoration. Condition no xvi, PP informed that

exploratory location KSAB was drilled and put on extended production testing. After wards the development EC has been obtained vide no J 11011-563-2011 IA II (I) dated 8th December, 2020 and KSAB well was converted into development wells. Further two development wells KSDB and KSDC are planned to be drilled from KSAB for which EC has been applied. The Committee suggested the PP to train their Officers for compliance management as well as to provide all project related details alongwith documents to the IRO while they visit the project site for inspection. PP also informed action taken report related to General Conditions. PP also submitted the information in writing.

- PP has submitted the information desired by EAC such as Correlation of 2 seasons baseline data; SOP for restoration of drill site; Revised Action Plan for Public Hearing; Input data used for Air quality modelling; Revised EIA report with new baseline report as addendum; Soft copy of wild life conservation plan (10 years); Clarity on incremental value of NOx, SOx; Revised ATR action plan with timeline; Clarification on transportation plan of hydrocarbons; Proof of maintaining separate head/account for Environmental management plan implementation; Clarification regarding status of road preparation.
- The Committee suggested to develop Greenbelt in GGS and EPS in total area of 1.1979 hectares i.e., 33% of total project area with tree density @ 2500 trees per hectares, mainly along the plant periphery. Indigenous species shall only be planted as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall plant at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted.

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

17. The proposal was considered by the EAC (Meeting ID: IA/IND2/13523/26/06/2023) held on 26th June, 2023 in the Ministry, wherein the project proponent and the accredited Consultant namely M/s. AECOM Indian Private Limited (NABET certificate no. NABET/EIA/2124/RA 0247 and validity 19th November, 2024), 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 the 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 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 for Onshore Development and Production of oil and gas from 28 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks, Golaghat district, Assam located at Village Kasmari Gaon, Tehsil Sarupathar, District Golaghat, State Assam 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. <u>Specific Condition:</u>

(i). As proposed by the Project Proponent, out of 28 wells, the proposal for drilling of 12 wells from EC application (where forest clearance is pending) in 6 PML Blocks Golaghat District, Assam has been dropped. Now, PP has to apply separately for the consideration of environmental clearance for the remaining 12 wells located in the forest area in case they want to drill the said wells. Therefore, environmental clearance has been granted for Onshore Development and Production of oil and gas from 16 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks.

- (ii). 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.
- (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 as per proposed in Annexure-II.
- (iv). No pipelines or its part shall be laid in the Forest land/Protected Area without prior permission/approval from the Competent Authority.
- (v). 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.
- (vi). The project proponent will treat and reuse the treated water within the drilling site 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 a way that outside rainwater shall not enter into the drilling site. Alternatively, if possible, pit less drilling be practiced instead of above.
- (vii). PP shall ensure the compliance of standards stipulated for flaring in the Environmental (Protection) Rules, 1986. In case of elevated flaring, the minimum stack height shall be 30 m. Height of stack shall be such that maximum GLC never exceeds the prescribed ambient air quality limit.
- (viii). The company shall construct the garland drain to prevent runoff of any oil containing waste entering into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated wastes.
 - (ix). 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 reinjection well as per the CPCB/SPCB guidelines. PP shall monitor water quality of treated effluent regularly and maintain records.

- (x). During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
- (xi). The project proponent also to ensure trapping/storing of the CO2 generated, if any, during the process and handling.
- (xii). Approach road shall be made pucca to minimize generation of suspended dust.
- (xiii). 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.
- (xiv). 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.
- (xv). 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.
- (xvi). 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.
- (xvii). 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.
- (xviii). Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.
- (xix). 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.

- (xx). PP proposed to allocate Rs. 1.40 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure-III). Further, all the proposed activities under CER shall be completed within 2 years of commencement of project activities in consultation with District Administration.
- (xxi). End of life lead acid batteries shall be disposed in compliance with the rules specified in Battery Waste Management Rules.
- (xxii). 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.
- (xxiii). Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
- (xxiv). 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.
- PP should establish in house (at project site) environment laboratory for (xxv). 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.
- (xxvi). 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 checkup of their workers, 20% of the workers engaged in active drilling operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.

- (xxvii). Greenbelt will be developed for GGS and EPS in total area of 1.1979 hectares i.e., 33% of total project area with tree density @ 2500 trees per hectares, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant.
- (xxviii). 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. <u>General Condition</u>:

- (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 socioeconomic 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 email.
- (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.

Concealing factual data or submission of false/fabricated data 23. and any of the conditions mentioned failure to comply with 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 Secretary, Environment & Forest, H-Block, 2ndFloor, Janata Bhawan, Disupr, Guwahati 781006 (Assam)
- 2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Guwahati, 4th Floor, HOUSEFED Building, G.S. Road

Rukminigaon, Guwahati - 781022

- 3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
- 4. The Member Secretary, Pollution Control Board Assam, Bamunimaidam, Guwahati 21 (Assam)
- 5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi 3
- 6. District Collector, Golaghat, Assam
- 7. Guard File/Monitoring File/ Parivesh Portal /Record File

(A. N. Singh) Scientist-'E' E-mail: aditya.narayan@nic.in Tel. No. 11-24642176

Annexure –I

The main issues raised during the public hearing and their action plan:

S I. N 0	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public hearing	Activity	Estimated Expenditure (INR)	Time line
	from Upper	He raised some concern, and those were: Ground water has been affected by the bombing activity by ONGC from 1971 onwards, and at the present scenario the water has become oily and full of iron. He also suggested that ONGCL should hang a hoarding, mentioning their activities, where they have done their CSR activities. He also stated that land acquisition process of ONGC is a one-sided	To the answer of the first concern regarding water quality, ONGC replied, iron content is naturally high in the area. He also stated that, during drilling ground water is only used for domestic purpose, otherwise recycled water is used in the drilling process. ONGC also	To ensure Safe drinking water supply through installation of Borewell and Iron Filter (Capacity 2000 lit/ day) for the local villagers.	Rs. 40 lakhs.	It would be completed within two years from the commenceme nt of the project.

			Response to			
S I. N o	Name of the attende e	Concerns raised during Public Hearing	the concerns/iss ues raised in public	Activity	Estimated Expenditure (INR)	Time line
			hearing			
		decision. He himself	stated that			
		gave his land, but	two ETP have			
		till now he didn't	been installed			
		get the agreement	in Khoraghat			
		of the land and he	and Nambar			
		called himself a	area, and			
		sufferer for this.	mobile ETPs			
			are also being			
			used in many			
			sites. He also			
			assured that			
			the reinjection			
			of water is			
			done with the			
			suggestion of			
			ASPCB, and it is much below			
			the ground			
			water level.			
			For the second			
			suggestion			
			from the			
			person, ONGC			
			welcomed his			
			suggestion.			
			Regarding the			
			land			
			acquisition			
			ONGC stated			
			that as per the			
			Government			
			rule and with			
			consultation			
			with the			
			District			
			administration			
			ONGC initiate			
			the land			
			acquisition			
			process. In			
			this regard			
			ADC, Golaghat made him			
			made nim clear that now			

S I. N O	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public hearing	Activity	Estimated Expenditure (INR)	Time line
			a days an ACT has been enacted, land acquisition is done according to the act only. In reply, Dipak Ch. Bora state that his land was taken on lease, and the amount offered was not sufficient. Year wise consolidated list of all the CSR activities to be displayed in the area of concern by 30.04.2021			
	Prasadi Bora, from Barogho ria Gaon	He stated that his paddy field is near to one of the ONGC's drill site and due to gas flaring production has been less in the recent years, for which he has also lodged a complaint to ONGC, but till date he has not received any compensation for his loss.	ADC Golaghat requested ONGC representative to look into the matter immediately and to take necessary steps.	A technical committee has been formed to assess the claim made by the complainant and due compensation would be paid by ONGC	-	-
	Shri Binod Gogoi,	He alleged that due to ONGC's activities his agrifarm production is	In this regard ONGC stated that usually they don't		-	

S I. N	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public	Activity	Estimated Expenditure (INR)	Time line
			hearing			
	Barghori	getting low. He has	allow laying of			
	a Gaon	requested ONGC to	pipelines near			
		give compensation	to any house,			
		for the damage,	paddy field or			
		they have caused in	any other			
		agri-farm	sensitive area.			
		production.	Moreover,			
		He also welcomed	personnel are			
		the new project	already			
		prospect in the	appointed to			
		area, by ONGC. But	inspect the			
		also requested	pipeline if			
		ONGC to keep an	there is any			
		eye on the welfare	leakage.			
		of the local people.	Village			
		He requested ONGC	defence			
		to hire local people	personnel are			
		in unskilled labour	there, to			
		category, so that	report to			
		job generation get	ONGC, if any			
		boosted in the area.	kind of			
		He said that in	unusual			
		Bebejia Goan	occurred in			
		production of crude	the pipeline.			
		oil has started, and				
		it is the duty of the	ONGC made it			
		local people to	clear again			
		safeguard the	that they			
		resources. He also	reuse the			
		stated that one	water after			
		pipeline has passed	treatment but			
		infront of this	does not allow			
		house, and he	discharge of			
		wanted to know	untreated			
		from ONGC, that is	water. ETP			
		there any kind of	and mobile			
		rules or protocol	ETPs are			
		that local youth	present in the			
		could be appointed	site, for the			
		as guard to keep an	treatment of			
		eye on the pipeline.	water. But in			
			case if any			
			loss happens			
			due to the			

S I. N o	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public hearing	Activity	Estimated Expenditure (INR)	Time line
			untreated water from ONGC site, they are ready to provide the compensation.			
4	Shri Mahim Bora, from Bobali Gaon	He stated his quarries as, during the survey period or drilling period ONGC dug hole, but after they left the site, in case of unavailability of oil, they did not restore the place, as it was previously. For this reason, sometimes their cattle fell into that hole.	ONGC clarified the matter by saying that in seismic survey the wells are dug to a small depth, which is shot hole. In this process with the help of blasting artificial earthquakes are being made, so as a result the hole get filled automatically. If not, ONGC isready to fill up this hole.	Compliance for filling the small-bore hole drilled for seismic survey will be ensured by ONGC.		
5	Shri Arindam Nag, Bebejia Gaon	He spoke that as a result of ONGC activity heavy vehicles ply on the road and damage it. He wanted to know whether ONGC will take the responsibility to repair the roads.	ONGC representative clarify the matter by saying that the maintenance work of the road are usually done by the ONGC, and in future they will continue to do so.	ONGC has approved the fund of Rs. 76 lakhs for Road repair in the working area and is expected to complete the work by 31.12.2020.	30 lakhs	(Already Completed)

S I. N o	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public bearing	Activity	Estimated Expenditure (INR)	Time line
	Shri Karlos Marua, Borbali Gaon	He stated that he is happy as ADC Golaghat, EE PCBA and ONGC officials are present and all the grievances are placed Infront of them. ONGC previously made some promises for the welfare of the village under CSR programme, but till date it has not been fulfilled. He also stated that guard wall near the drill site should be constructed. He also stated that installation of solar light in the village road are done by the ONGC.	hearing ONGC stated that many people submit their grievances, but those demands should be comes from the concerned area SDO, hence they will definitely look into the matter and fulfil it. The ADC, Golaghat made it clear that the grievances should be submit at SDO office, Circle office and OC of the concerned area and the district administration will go through the matter. He gave stress on ecological development of the country. He also stated that, after proper justification of the grievances	 ONGC have approved fund forSolar Street lights. Additionally, ONGC have approved fund for Plantation activity in villages through Panchayat Organizing Health and Eye Check-up Camp for village people. 	1. Rs. 50 lakhs 2. Rs.10 Lakhs 3.Rs.10 lakhs	 It would be complete d within two years from the commenc ement of the project. It would be complete d within two years from the commenc ement of the project.
			the matter would be put up at the			

S I. N o	Name of the attende e	Concerns raised during Public Hearing	Response to the concerns/iss ues raised in public hearing	Activity	Estimated Expenditure (INR)	Time line
			concerned level or authority.			
				Total	1.4 Cr	

Annexure - II

Capital cost and recurring cost of EMP are given below:

Sr. No.	Mitigation/Management measures	Total Capital Cost (in INR)	Recurring Cost (in INR)
1	Wastewater and effluent	10,00,000	
	Management		40,000
	Modular STP		40,000
	Water Quality Monitoring		
2	Fuel, Lubricant and Chemical Management	15,00,000	65,000
3	Noise and Vibration Mitigation	1,75,000	
	Acoustic Enclosure and Personal		35,000
	Protective Equipment		58,000
	Noise Monitoring		
	Maintenance cost of equipment		
4	Solid Waste Management	1,50,000	50,000
5	Air emission mitigation		
	Maintenance of D.G. sets		10,00,000
	Air monitoring		1,25,000
6	Soil Quality		43,000
7	Training to Staff		1,25,000
8	General Awareness in Local Public		1,75,000
Tota		28,25, 000	17,56,000

Annexure - III

Details of extended EMP (CER) with proposed activities and budgetary allocation:

S. no.	District	Particulars	Activity	Timeline	Total in INR
1	Golaghat	Community infrastructure	Solar Street lights Safe drinking water supply through installation of Borewell and Iron Filter (Capacity 2000 lit/ day) for the local villagers.	Within 2 years from the commencement of the project	0.40 Crores 0.50 Crores
2		Environment	Plantation Activity in villages through Panchayat		0.10 Crores
3		Health	Health and Eye Check-up Camp		0.10 Crores
4		Infrastructure	Road Preparation		0.30 Crores
Total funds under CER				Rs. 1.4 Crores	



ONGC Office of Head HSE, Jorhat Nambar-I, Cinnamara Jorhat-785704. Ph: 0376-2707314/ 2707734

Τo,

hief executive Officer Zilla Poorisad Chairman Zilla Rarisad Jorhat

Sub: Submission of Copy of Environmental Clearance granted to ONGC, Jorhat

Sir,

Please find enclosed herewith Copy of Environmental Clearance "Onshore Development and Production of oil and gas from 28 wells and establishment of kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks, Golaghat district, Assam".

This is for your kind information

AT ZILLA

ORH

Thanking You,

Yours faithfully

Pinky Rai CGM (Electrical)

Head HSE - Jorhat Asset Pinky Rai CGM, Head HSE orbat Asset, ONGC



अधिन एण्ड नेचुरल गैस कॉरपोरेशन जिमिटेड जार्पालप पुलल प्रवचन, नामवर, जोरहाट परिवर्जी, जोरहाट - रवडरव्यवसम Oil and Natural Gas Corporation Limited Office of Surface Manager, Nambar III, Jorbat Asset, Jorbat - 785704, Assam, Mobile: 9427504236, Tel: 0376-2707314, e-mail a_subash@ongc.co.in

No. JRT / Jorhat Asset / ST/ ENV Statement/ 2023-24

Dated: 05.07.2024

From : Surface Area Manager , Jorhat Asset

To: Head HSE, Jorhat Asset

Please find enclosed herewith environmental statement for April 2023- March 2024 attached Form-V against Environment Clearance order issued vide no. F. No. IA-J-11011/149/2023-IA-II(I) dated 31st July 2021 for "Onshore Development and Production of oil and gas from 28 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks, Golaghat district, Assam" Pertaining to activities of Production Activities of Jorhat Asset. This is for your information and necessary action please.

S Subash, CGM(P) Surface Manager Isolated Production Oil Mine, Jorhat

> S. SUBASH Chiel General Manager (Production) Surface Manager, Jorhat Asset

FORM - V

(SEE RULE 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31³² MARCH 2024

(PERIOD 1ST APRIL 2023 TO 31ST MARCH 2024)

PART-A

(I) NAME AND ADDRESS OF THE OWNER/OCCUPIER OF THE INDUSTRY OPERATION OR PROCESS- SHRI AMIT KUMAR. ASSET MANAGER, JORHAT ASSET- M/S OIL & NATURAL GAS CORPORATION LIMITED, JORHAT ASSET, DISTT. JORHAT (ASSAM)

(II) INDUSTRY CATEGORY PRIMARY -(STC CODE) SECONDARY- STC CODE)

(III) PRODUCTION CAPACITY- 1477.67 MT OF CRUDE OIL AND 0.014867 MMSCM OF NATURAL GAS.

(IV) YEAR OF ESTABLISHMENT:

(V) DATE OF THE LAST ENVIRONMENTAL STATEMENT SUBMITTED: NA

PART-B

WATER AND RAW MATERIAL CONSUMPTION

(I) WATER CONSUMPTION (M²)

PROCESS & COOLING: NIL M²

DOMESTIC: NIL M¹

INJECTION: NEL M³

NAME OF PRODUCTS PRODUCT	PROCESS WATER CONSUMPTION PER UNIT OF			
OUTPUT				
MARCH	DURING THE PREVIOUS YEAR ENDING 31 ST MARCH	DURING THE CURRENT YEAR ENDING 31 st		
(1)	(2)	(1)		
CRUDE OIL+ OIL EQUIVALENT OF NATURAL GAS	MT	MT		

(II) RAW MATERIAL CONSUMPTION

*NAME OF RAW NAME OF PRODUCTS MATERIAL PER

UNIT

MATERIALS CURRENT

DURING THE PREVIOUS

DURING THE

CONSUMPTION OF RAW

MARCH

YEAR ENDING 315T MARCH

Denario Hite

31st MARCH YEAR ENDING 31st

NIL CRUDE OIL & NATURAL GAS

NA

NA

INDUSTRIAL MAY USE CODES IF DISCLOSING DETAILS OF RAW MATERIAL WOULD VIOLATE CONTRACTUAL OBLIGATIONS, OTHER ALL INDUSTRIALS HAVE TO NAME THE RAW MATERIAL USED.

PART - C

POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT (PARAMETER AS SPECIFIED IF THE CONSENT ISSUED)

POLLUTION PERCENTAGE OF QUANTITY OF POLLUTANTS CONCENTRATION OF POLLUTIONS

DISCHARGED (MASS/DAY) VARIATION FORM IN DISCHARGED (MASS/VOLUME)

PRESCRIBED STANDARDS WITH REASONS

(A) WATER: IN CASE OF DRILLING ACTIVITIES, APPROX —— M³ OF DRILL MUD, DRILL CUTTINGS AND EFFLUENT WATER – PER METER OF DRILL LENGTH IS PROCEED. EFFLUENT WATER IS TREATED USING MOBILE ETP, RECYCLED AND REUSED IN DRILLING OPERATIONS. IN PRODUCTION ACTIVITIES, EFFLUENT GENERATED IS USED FOR INTERNAL CONSUMPTION.

(B) AIR: AMBIENT AIR QUALITY MONITORING OF VARIOUS INSTALLATIONS/RIGS (PROVIDE DETAIL)

(C) NOISE: NOISE LEVEL MONITORING AT PRODUCTION INSTALLATIONS DONE BY POLLUTION CONTROL BOARD AUTHORIZED AGENCIES (SAMPLE REPORT ENCLOSED AT ANNEX-III) PART-D

HAZARDOUS WASTES

(AS SPECIFIED UNDER HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989)

HAZARDOUS WASTES	TOTAL QUANTITY (KG)				
MARCH	DURING THE PREVIOUS YEAR ENDING 31 ⁵⁷ MARCH	DURING THE CURRENT YEAR ENDING 31 st			
(A) FORM PROCESS (B) FORM POLLUTION CONTROL FACILITIE	MT MT	MT MT			
	PART – E SOLID WASTES				
MARCH	DURING THE PREVIOUS YEAR ENDING 3157 MARCH	TOTAL QUANTITY DURING THE CURRENT YEAR ENDING 31 ⁵⁷			
(A) FORM PROCESS (B) FORM POLLUTION CONTROL FACILITI (C)	es <u> </u>	Ξ.			
 (1) QUANTITRY RECYCLEED OR RE- WITHIN THE UNIT (2) SOLID- NIL (3) DISPOSED KG, BA FILTERS 	,	NIL BARRELS,			

PART F

PLEASE SPECIFY THE CHARACTERIZATION (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS

AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

- L RECOVERY OF OIL IS CARRIED OUT FROM OILY SLUDGE BY (IF ANY-PROVIDE DETAIL) -NIL
- II. BIOREMEDIATION JOB FOR ENVIRONMENT FRIENDLY TREATMENT OF OILY SLUDGE - NIL
- III. BURNT OIL SENT FOR DISPOSAL/ RECOVERY THROUGH AUTHORIZED VENDERS NIL.
- IV. SOLID WASTE LIKE BARRELS, DRUMS DISPOSAL DETAIL- STORED AT SITE
- V. OLD BATTERIES (PROVIDE DISPOSAL DETAIL)- BUY BACK CONTRACT WITH SUPPLIERS

PART-G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION: N/A

PART H

ADDITIONAL MEASURES/INVESTMENT PROPOSAL FOR ENVIRONMENTAL PROTECTION ABATEMENT OF POLLUTION, PREVENTION OF POLLUTION.

- L ENVIRONMENTAL MONITORING (AIR., WATER, SOIL AND NOISE) DETAIL: Enclosed
- II. BIOREMEDIATION JOB (PROVIDED DETAILS). ----MT SLUDGE WHICH IS TREATED THROUGH BIOREMEDIATION BY OTBL.
- III. ACOUSTIC ENCLOSURES ALL THE GENSETS ARE ACOUSTICALLY ENCLOSED

PART I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT.

 TREE PLANTATION DURING 2023-2024 400 SAPLING WERE PLANTED NEAR THE WELL SITES.

in 1995, Deka has held senior leadership

positions in engineering and product

management with top Silicon Valley stal-

Originally from Guwahati, Deka had

a stellar academic record right from his

formative years. The eldest son of Mri-

nalini Deka and late Rajendra Nath Deka,

he grew up in the Pub Sarania/Rajgarh

area and did his schooling from Cotton

Collegiate High School. He secured 3rd

position in the High School Leaving Cer-

tificate (HSLC) examination and also

won the Assam Science Society award

for getting the combined highest marks

in Mathematics, Science and Assamese

warts such as Oracle Corporation.

$\frac{15, 2023}{\text{US-based publication names Assamese techie as a top-100 global influencer}}$

STAFF REPORTER

GUWAHATI, Sept 14: Bhaskar Deka, a Silicon Valley-based Assamese technology executive of Assamese origin, has been honoured by the US-based leading publication 'Human Resources Executive' as one of the top 100 global technology executives this year.

The annual list includes top technology executives from global companies such as Google, Oracle, Disney, Facebook, SAP and others. Deka is one of the six persons of Indian origin to be included in the list and the first Assamese to be bestowed with that honour. "The people named to the list enjoy a

reputation that makes an impact within the industry across various fields and this year's influencers are shaping the delivery of HR technology," the website of Human Resources Executive says about the list. The award ceremony will take place in the second week of October in Las Vegas.

Deka is currently a Global Vice President (GVP) & General Manager and a member of the Senior Leadership Team for Cornerstone On Demand, a global software leader in talent management with billions of dollars in annual revenue and with offices around the world, including India.

Since immigrating to the United States

No. GMB/14th FC/2019-20/06 CORRIGENDUM

It is for general information to all the concern that the NIT bearing No. GMB/14th FC/2019-20/05 Dated 28.08.2023 has been cancelled due to some technical reasons.

Sd/- Executive Officer **Goalpara Municipal Board** Goalpara Janasanyog/CF/2403/23/15-Sep-23

No GRC/NIT/510./2021-22/Pt.I/2645-51 PRESS NOTICE INVITING RE-TENDER

The Superintending Engineer PWD (Roads), Kamrup Road Circle, Guwahati-01 on behalf of Governor of Assam invites Re-bid online from approved and eligible registered contractors of APWRD for "Annual Operational Maintenance of PWD IB Office Building and AC Bus Stand at Amingaon under SOPD-G for the year 2023-24. Jalukbari LAC under Jalukbari & Haio Territorial Road Division for 1 (One) nos. of work, amounting to Rs. 70.90 Lakh (Approx) (including 12% GST +1% LWC). Details may be seen in the website http:// assamtenders.gov.in. and also at the office of the undersigned from 18.09.23 to 26.09.23 during office hours Sd/- Superintending Engineer PWD (Roads) Kamrup Road Circle, Guwahati-01 Janasanyog/CF/2401/23/15-Sep-23



PROJECT ASSOCIATE / PROJECT ASSISTANT

A Walk-in-interview will be conducted at CSIR-CMERI, Durgapur during 25th-26th September, 2023 to select around 27 (Twenty Seven) candidates for temporary engagement under different Projects as 'Project-SRF/JRF/Project Associate/ Project Assistant' with PhD/Masters/Graduate/Diploma qualifications in various Engineering and Science disciplines o provide an opportunity of working experiences in various R&D projects and to impart skill development. For detai advertisement and other information such as, disciplines & details of positions, consolidated remuneration, eligibility criteria age, tenure, application form etc., the interested candidates may log on to the Institute website : <u>www.cmeri.res.in</u> → Opportunity \rightarrow Career \rightarrow Vacancy \rightarrow Advt. No. 04/2023. Administrative Officer

eri.res.in 🖪/CSIR CMERI 📲 CSIRCMERIDgp 🖬/csir_cmeri 🔲/csircmeri.blogspot.con

ASSAM INDUSTRIAL DEVELOPMENT **CORPORATION LIMITED** (A Government of Assam Undertaking) G. Baruah Road, Guwahati-781 02



Members of the All Assam COVID-19 Safai Karmachari Santha staging a protest in support of various demands, in Guwahati on Thursday. - UB Photos

ECHO bootcamp orientation programme organized

STAFF REPORTER colleges to ideate, design, develop and implement their GUWAHATI, Sept 14: A conservation projects around two-day ECHO bootcamp oria yearly theme to address the most pressing environmenentation programme organized by WWF India, Assam tal issues.

State office in collaboration Each team was required to with Zoology Department of define one or two problem Cotton University at the Sudstatement(s), devise innovative mersen Hall, Cotton Universolutions aligned with the yearsity concluded recently. ly theme, take action to test it Ten universities and coland conduct assessment, A leges were selected from panel of experts will review the Assam for ECHO-2023, each impact created by the teams on the parameters of innovateam comprising four stution, scalability, impact, feasibildents as core members and ity, and business model. one teacher convenor. They

The theme of ECHO-2023 will engage college and

by Prof Narayan Sarma, HoD of Environmental Science & Wildlife Biological, Cotton University on Urban Biodiversity. During the orientation programme, participants did a group work on mapping and identification of priorities/ issues. On the second day, a session on Climate Resilience with relevance to SGD 11 was taken by Prof Madhushree Das, Department of Geography, Gauhati University and a

session on Environmental entrepreneurship - Converting Ideas into Business Models by Rupankar Bhattacharjee, founder & director of Kumb

Kamatapuri dictionary released

STAFF REPORTER

GUWAHATI, Sept 14: Kamatapuri Rajbongshi Abhidhan, a trilingual dictionary compiled by Bakul Roy was released at an event at Amal Prabha auditorium,

The dictionary comprises around 8,000 words of the Koch Rajbongshi community and their meanings in Asamese and English lan-

Attending the event as the chief guest, Asam Sahitya Sabha president, Dr Surjya Kanta Hazarika, in his speech value of over 1 billion dollars.

These startups have been funded by some of the best venture capital firms with assets worth hundreds of billions of dollars under management - including marquee names such as SoftBank, Insight Partners, CrossLink capital and Bessemer Venture Partners. Deka has also been an advisor to multiple startups in the Artificial Intelligence/Machine Learning space and venture capital firms focused on investment in Artificial Intelligence technologies.

Deka lives in Palo Alto, California, in the heart of Silicon Valley with his wife Monmi Dutta, who is a lead software engineer with Wells Fargo, and two kids.

SWACHH JAL MISSION

for his higher secondary education.

He graduated with a First Class bach-

elor's degree (BE) with distinction in

Computer Science and Engineering from

Birla Institute of Technology. He then re-

ceived a Masters in Science (MS) degree

in Computer Science with focus on Artifi-

cial Intelligence and Expert Systems from

Boston University, USA. Deka later ob-

tained an MBA from Kellogg School of

Management, USA – one of the top five

As Chief Product and Artificial Intelli-

gence (AI) Officer, Deka has been cred-

ited with leading product development

in three startups with successful exits

management institutes in the world.

NOTICE

This public notice is being issued to inform that with effect from 15' September 2023, The office of The Mission Director, Swachh Jal Mission has en relocated at House No: 3, Ground Floor, Ananta Path, Near Public Health Engineering Department, Govt.of Assam, Hengrabari, Guwahati-781006(Assam). The contact numbers and e-mail accounts will remain unchanged. By

Public Relation Department Swachh Jal Mission, Guwahat-781005

G2@

DR. B. BOROOAH CANCER INSTITUTE A Grant-in-Aid Institute of Department of Atomic Energy, Govt. of India And a Unit of Tata Memorial Centre (Mumbai) Gopinath Nagar, A.K. Azad Road, Guwahati-781016, Assam Dated: 13/09/2023

NOTICE INVITING REGISTRATION OF VENDORS

Dr. B. Borooah Cancer Institute (Dr. BBCI) is interested to have competent, cost effective and resourceful vendors on its approved Vendor list for Hiring of Cars on rental basis. Dr. BBCI invites applications from all potential Vendors ,which are in the business of Vehicle Rental Services. Registration Forms can be collect from Procurement Cell of the Institute. The last date for registration is up to 02:00 PM of 19-09-2023. Chief Administrative Officer

Oil and Natural Gas Corporation Ltd. Ŵ ٦£ Assam & Assam Arakan Basin, Jorhat, Assam

ENVIRONMENTAL CLEARANCE

ONGC is pleased to inform the people of Assam State that the Ministry of Environment & Forest, Govt of India, New Delhi has granted ENVIRONMENTAL CLEARANCE for the project "Onshore Development and Production of oil and gas from 28 wells and establishment of Kasomarigaon EPS and GGS at SUAB drill site in forest area in 6 PML Blocks, Golaghat district (Assam) granted to M/s. Oil and Natural Gas Corporation Limited". F. No. IA-J 11011/149/2023-IA-II (I) dated 31st July 2023.

The copies of clearance letters are available with Assam State Pollution Control Board and may also be seen at the website of Ministry of Environment & Forest at https://environmentclearance.nic.in



Coordinator of Aquaculture & Bio-diversity Centre, Gauhati University tee sealed tenders in Two Bid System (Technical bid and financial bid) rom eligible and qualified Bidders of India, for the work "Supply installation and commissioning of specified hatcheries/equipment & tools/instruments at Aquaculture & Biodiversity Centre, Gauhati University" with an approximate value of the work Rs. 99.51 Lakhs. Details may be seen at e-procurement portal website- http://assamtenders.gov.in and also at the office of the undersigned from 15.09.2023 to 05.10.2023 during office hours. The bidders must be enrolled in http:// assamtenders.gov.in for participating in the bidding process.

Dandhadhar Sarma Professor & Coordinator

guages.

Beltola here recently.

Ph.: 0361-2201215, 2202216, Fax: 0361-2200060 CIN: U75112AS1965SGC001246 Date: 14-09-2023 ECF No. - 344199 E-procurement for the works of "Construction of **Boundary Wall at Industrial Growth Centre (IGC)**

Balipara, Dist: Sonitpur, Assam" Tenders are invited online through e-procurement system of Govt. of Assam i.e. www.assamtenders.gov.in from Govt Registered Contractors of appropriate class with sound financial background fulfilling the eligibility criteria for execution of the following works at the Industrial Growth Centre (IGC) Balipara, Dist: Sonitpur, Assam:

Name of the Work	Estimated value
Construction of Boundary Wall at Industrial	₹1,92,64,400/-
Growth Centre (IGC) Balipara from Main Gate	
to the Boundary wall of M/s Patanjali Ayurved	
Ltd. via Nepali Basti including construction of	
exposed walls in Phase-I area.	
Tandan Daarmaanka aan ka darumlaadad ƙwana	

Tender Documents can be downloaded from Govt. of Assam's e-procurement portal www.assamtenders.gov.in from 15-09-2023. The last date for online Bid submission is 05-10-2023. All Corrigendum Addendum, if any, shall be hosted in Assam Government's e-procurement portal www.assamtenders.gov.in.

Sd/- Managing Director, AIDC

Email id: assamvety@gmail.com

1/278070/2023

Notice

In continuation to the advertisement no VET/ APART/CM-SLB/2022-23/4257 Dated: 27th March 2023, it is for information of all concerned that the result for the post of Veterinary Officer, Laboratory Assistant and Office Attendant on contractual basis under the World Bank Finance APART Project, Animal Husbandry & Veterinary Department is hereby announced as follows-

SI No	Name of the Post	Name of the Selected Candidates				
1	Veterinary Officer	Dr. Nripendra Mahanta				
		Dr. Samudra Bikash Hazarika				
		Dr. Pabitra Bortamuly				
2	Laboratory	Karan Boro				
	Assistant	Johnson Ingti				
		Muzzammal Hussain				
3	Office Attendant	Mridupawan Bora				
		Madhab Taye				
		Montu Bordoloi				
Sd/- Director A.H. & Veterinary Deptt., Assam Chenikuthi, Guwahati-781003 Janasanyog/D/10498/23/15-Sep-23						

College, SB Deorah College, B Borooah College, Pragjyotish College, Geography Department of Gauhati University, Zoology Department of Cotton University, National Law and Judicial Academy, Zoology Department of University of Science and Technology Meghalaya, and Tata Institute of Social Sciences. Building Environment Conservation

were Gauhati Commerce

College, Handique Girls'

ECHO programme by Archita Baruah Bhattacharyya, State Coordinator, WWF-In-Heroes dia Assam State Office who ECHO) is an annual innovaion platform that runs conducted the two-day orithrough the academic year entation programme with and leads to the national the WWF Assam State Ofsummit and a rolling Panda fice team.

Trophy. WWF-India engages On the inaugural day, an inthe youth in universities and

hi Kagaz Pvt Ltd. university students to innovate and take action to ad-Each team brainstormed

vance Sustainable Developand presented a rough sketch ment Goal 11 – Sustainable on their ECHO-2023 project on which Archita Baruah cities and communities. SDG Bhattacharyya and Rupankar 11 aims to make cities and Bhattacharjee gave remarks human settlements inclusive, safe, resilient and sustainable. and suggestions. Prof Ranjit The ECHO Bootcamp Choudhury, chairperson of started with a brief on the Assam Advisory Board, WWF-India, Prof Ramesh Chandra Deka, Vice-Chancellor of Cotton University, Prof Arup Kumar Hazarika, HoD, Zoology Department, and other professors joined and addressed the participants and appreciated WWF for organizing and giving such

a platform to the youth. formative session was taken

LIC agents' State convention organized

STAFF REPORTER

GUWAHATI, Sept 14: The Assam State Convention of the LIC Agents' Organisation of India (LICAOI) was held at the Institution of Engineers auditorium here on September 12.

About 300 delegates from four divisions of Assam - Bongaigaon, Guwahati, Jorhat and Silchar - attended the convention.

the organisation's flag by central committee secretariat member and zonal secretary Monoranjan Sarkar, while eminent trade union leader Satanjib Das delivered

the inaugural speech. Participating in the convention, the secretary of CITU's Assam State Committee, Tapan Sarma, general secretary of Guwahati Division Insurance Employees Association Pitambar Rajbhandari, State secretary of Bank Employees Federation of India Naren Sarma, president of LIC Agents' Organisation of India Surajit Bose, vice president of LICAOI central committee Somnath Bhattacharjee, LICAOI West Bengal state secretary Bibekashish Misra, and LI-CAOI central secretariat member and LI-CAOI West Bengal state president Gouri Nandi urged the LIC agents to become participants in the organisation's struggle not

only for the benefit of the agent community but also for the benefit of the entire labour class

All the leaders expressed their concern about the burning problems of the common people and criticised the anti-people, antiagents agenda of the present government, IRDAI and LIC management.

They appealed to all to fight against the communal and anti-people nexus and fight for the rights of the agents and common people.

The convention was conducted by a presidium comprising senior agents Durgacharan Ray, Suresh Deka, Debashish Sanyal and Himani Das, a steering committee comprising Shyamal Das, Nagen Baishya, Monoranjan Sarkar and Kamini Kumar Ray, and a proceedings committee comprising Rajani Mohan Bharali and Harihar Kalita.

The reports of the convenor for the last five years were presented by Kamini Kumar Ray, and 10 delegates discussed on the report.

The convention elected 15 delegates for the forthcoming zonal conference to be held at Santiniketan (Kolkata). The Assam State Committee of LICAOI was formed with 37 members for the next two years, with Monoranjan Sarkar as president, Kamini Kumar Ray as secretary, and Shyamal Das as treasurer.

praised writer and scholar Bakul Roy for her hard work.

Former bureaucrat, Thaneswar Malakar, president of the Koch Rajbongshi Sanmilani, Deba Kumar Saikia, former MLA Ashwini Ray Sarkar, Kamatapur Autonomous Council member Raghu Ranjan Bepari, senior journalist Pranay Bordoloi and many others also spoke on the occasion.

In her speech, Bakul Roy shared her experience in compiling the dictionary. The event was organised by the Sanskritik Mahasabha, Assam and chaired by its president Pabitra Kumar Sarma.

(DORDH)



Sd/- General Manager, NEC, Margherita.

POLLUTION CONTROL BOARD : ASSAM

BAMUNIMAIDAM : GUWAHATI - 781021

PUBLIC HEARING NOTICE

As per the provision of the EIA Notification dtd. 14.09.2006, the Public Hearing for the proposed project "River Bed Mining for Barak Sand Minor Mineral Unit No. 3 on Barak River bed under Kalain Range of Karimganj Forest Division, Karimganj, Assam located at Left Bank, Village: Naharpur, Niz Malua, Chapra, Badarpur & Right Bank-Village: Hari Nagar Pt.-II, Nadarpur, Nazatpur, Lathimara, P.O.: Katigorah, Dist: Cachar, Assam-788805 by Applicant Sri Abhay Kumar Jain" shall be held as per following schedule:

Date & Time					Venue				
16/10/2023	SRLM	Hall,	0/0	Block	Development	Officer,	Katigorah	A.P.	8
Time: 12:30 PM	Develo	pment	Bloc	k, P.O.:	Katigorah, Dist:	Cachar,	Assam. PIN	: 7888	105

Interested persons of the locality including bonafide residents, NGOs, etc., are hereby requested to attend the aforesaid Public Hearing for getting their statements recorded, if any Stakeholders may also send their written views to the Member Secretary, PCBA before the date of Public Hearing

To know details about the proposed Project, interested person may collect the Executive Summary of Draft Environment Impact Assessment (EIA) Report for the project, available at the following offices

- O/o the District Commissioner, Cachar District.
- The Divisional Forest Officer, Karimganj, Forest Division, P.O. & Dist: Kamrimganj Assam, PIN: 788710
- The Circle Officer, Katigorah Revenue Circle, P.O.: Katigorah, Dist: Cachar, Assam, PIN 788805
- iv) The Block Development Officer, Katigorah A.P. & Development Block, P.O.: Katigorah. Dist: Cachar, Assam, PIN: 788805
- The President, Katigorah Gaon Panchayat, Viii: & P.O.; Katigorah, Dist: Cachar, Assam V) PIN: 788805
- vi) Chairman, SEIAA, 3st Floor, PCBA Head Office Building, Bamunimaidam, Guwahati-21
- vii) Regional Laboratory cum Office Silchar, PCBA, 1^e Floor of Silchar Development Authority Building, P.W.D. Road, P.O.: Silchar, Cachar.

viii) Head Office, Pollution Control Board, Assam, Bamunimaidam, Guwahati-21. The Executive Summary of the EIA report and Draft Environmental Impact Assessment (EIA) is also available in the Board's Website at http://www.pcbassam.org.

Sd/-Date: 14-09-2023 Member Secretary

The convention started with unfurling of



An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)



ETS-LAB

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Websile : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

TEST REPORT NO .: ETS/2850/04/2024 URL NO.TC130092400002850F DAT

DATE OF REPORT: 30.04.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAB)

Date of Monitoring	:	22.04.2024					
Analysis Start Date	20	27.04.2024					
Analysis End Date	:	30.04.2024					
Duration Of Monitoring	:	22.04.2024	То		23.04.2024		
Time Of Monitoring		10.50 AM	То		10.50 AM	(CO & O3	for 1.0 Hrs.)
Sample ID No		2850					
Sampling Done By	\$	ETS STAFF	Í.,				
Sampling Location	1	NEAR MAIN	GAT	E (KSAB)			
Sampling Method	:	ETS/STP/AI	R-01				
Sampling Machine Placed At Height	:	1.5 METER	FROM	M GROUND	LEVEL		
Weather Condition		CLEAR		Amblent Te	mperature:	34.0	° C
Wind Direction	:	E To W					
Equipment Used	2	Respirable [Dust S	ampler (PN	ho) +	Fine Partic	culate Sampler

				11 1112 07	The second state of the se
S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM10)	µg/m³	80.8	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters, (PM2.6)	µg/m³	38.5	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO2)	µg/m³	13.0	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO2)	µg/m³	29.0	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Ammonia,(NH3)	µg/m³	<20.0	For 24 Hrs =400	IS 5182 (Part-25)
6	Ozone,(O3)	µg/m³	18.0	For 1 Hrs.=180	IS: 5182 (Part9)
7	Lead,(Pb)	µg/m³	<0.05	For 24 Hrs.=1	IS 5182 (Part-22)



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Format No ETS/LAB/TR-01, Issue No. 05, Date 01 04 2019, Amd. No. 04 Date 01 04 2019Quality Manager



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An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736963



TEST REPORT

DATE OF REPORT: 30.04.2024

TEST REPORT NO : ETS/2850/04/2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene,(CeHe)	µg/m³	<1.0	For Annual=05	IS 5182 (Part-11)
9	Arsenic, (As)	ng/m ³	<1.0	For Annual=06	CPCB,Vol1, Pg48
10	Nickel,(Ni)	ng/m ³	<1.0	For Annual=20	IS 5182 (Part-26)
11	Carbon Monoxide,(CO)	mg/m ³	0.63	For 1 Hrs.=4	IS 5182 : Part 10
12	Benzo (a) Pyrine (BaP)	ng/m3	<0.05	For Annual=01	IS: 5182 (Part-12)
13	Volatile Organic Compound, (VOC)	mg/m3	<0.01	Not Specified	ETS/STP/WZ-15

*****End of Test Report****



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Format No ETS/LAB/TR-01, Issue No. 05, Date 01 04 2019, Amd. No. 04 Date 01.04 2019 Quality Manager

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TEST REPORT

TEST REPORT NO .: ETS/2851/04/2024

URL NO.TC130092400002851F

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

M/s, OIL AND NATURAL GAS CORPORATION LTD. 2 SATELLITE FIELD, JORHAT (KSAB)

	02	00.04.0004
Date Of Sampling	8	22.04.2024
Analysis Start Date	17	27.04.2024
Analysis End Date	:	30.04.2024
Duration Of Sampling	:	30.0 MIN
Sample ID No.		2851
Sampling Done By		ETS STAFF
Sampling Method		ETS/STP/STACK-01
Stack Attached To	:	DG SET (KSAB)
Capacity Of Stack	:	15.0 KVA
Quantity Of Fuel Used	:	2-4 LPH
Type Of Fuel Used	3	H.S.D
Stack Height Above Ground	81	3.0 MTR.
Stack Dia At The Top	1	25.0 MM
Material Of Construction	:	M.S.
Attached APCS		ACOUSTIC ENCLOSURE
D.G. Set Comm. Date	3	AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule	4	AS PER REQUIRMENTS
Ambient Temperature		34.0°C
Flue Gas Temperature	:	112.0°C
Velocity Of Flue Gases	1	17.7 MTR./SEC.
Quantity Of Emission Discharged	:	31.26 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM)	g/kw-hr	0.09	0.3	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	0.51	3.5	IS: 13270
3	Sulphur Dioxide.(SO2)	mg/Nm ³	19.5	Not Specified	IS-11255 (Part-2)

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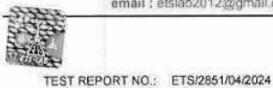


An Analylical Laboratory

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

DATE OF REPORT: 30.04.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
4	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	13.5	Not Specified	ETS/STP/STACK-07
5	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.40	7.5	IS-11255 (Part-7)

*****End of Test Report*****



For ENVIRO TECH SERVICES

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Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Juality Manager

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ENVIRO-TECH SERVICES An Analytical Laboratory



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email : etslab2012@gmail.com | Website : www.etslab.in | Ph : 9911516076, 9811736063

TEST REPORT

URL NO.TC130092400002852F TEST REPORT NO .: ETS/2852/04/2024

AMBIENT NOISE MONITORING REPORT

DATE OF REPORT:

M/s, OIL AND NATURAL GAS CORPORATION LTD. Name And Address of Customer 2 SATELLITE FIELD, JORHAT (KSAB)

8	Test Paramete	*	Unit	Result	Specif
Category (Of Area	(1)	INDUSTRIA	L AREA	
Sampling I	Method	1	ETS/STP/NO	DISE-01	
Sampling I	Location	310	NEAR BOUI	NDRY WALL	(KSAB)
Monitoring	Done By	1	ETS STAFF		
Sample ID	No	:	2852		
Duration C	f Monitoring		24 HOURS		
Monitoring	End Date	:	23.04.2024		
Monitoring	Start Date	:	22.04.2024		
Date of Mo	nitoring	:	22.04.2024		

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	66.5	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	53.7	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

30.04.2024

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DATE OF REPORT:

30.04.2024

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TEST REPORT

TEST REPORT NO .: ETS/2853/04/2024

URL NO.TC130092400002853F

AMBIENT NOISE MONITORING REPORT

S. No.	Test Parameter		Unit	Result	Specification/Limit (As per CPCB)	Tes
Category	Of Area	10	INDUSTRIA	LAREA		
Sampling	Method	(2 2 6)	ETS/STP/N	OISE-01		
Sampling	Location		NEAR DG.S	SET AREA (KS	SAB)	
Monitoring	g Done By	:	ETS STAFF	5. - Long 11 was also at 10 million		
Sample ID	No	•	2853			
Duration (Of Monitoring	:	24 HOURS			
Monitoring	g End Date		23.04.2024			
Monitoring	g Start Date	:	22.04 2024			
Date of Mo	onitoring	:	22.04.2024			
Name And Address of Customer				FIELD, JORF	GAS CORPORATION L IAT (KSAB)	ID.
	ANDEN			E HILL THE	CAR CORDORATIONAL	-

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	67.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	55.8	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

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An Analytical Laboratory

DATE OF REPORT:

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Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

TEST REPORT

ETS/2854/04/2024 TEST REPORT NO .:

email : etsiab2012@gmail.com

URL NO.TC130092400002854F

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAB)

| Website : www.etslab.in | Ph : 9911516076, 9811736063

Date of Monitoring	: 22.04.2024
Monitoring Start Date	: 22.04.2024
Monitoring End Date	: 23.04.2024
Duration Of Monitoring	: 24 HOURS
Sample ID No	: 2854
Monitoring Done By	: ETS STAFF
Sampling Location	: NEAR DISPATCH PUMP HOUSE (KSAB)
Sampling Method	: ETS/STP/NOISE-01
Category Of Area	: INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	69.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	57.5	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

30.04.2024



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Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019Quality Manager



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30.04.2024



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TEST REPORT

URL NO.TC130092400002855F DATE OF REPORT: TEST REPORT NO .: ETS/2855/04/2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer 3

M/s. OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAB)

S.	Test Parameter		Unit	Result	Specificat			
Category (Of Area	(\$)	INDUSTRIAL AREA					
Sampling Method			ETS/STP/NOISE-01					
Monitoring Done By Sampling Location		19	NEAR OFFI	ICE BUILDING	G (KSAB)			
			ETS STAFF					
Sample ID	No	:	2855					
Duration C	of Monitoring	1	24 HOURS					
Monitoring	End Date	्यः ।	23.04.2024					
Monitoring	Start Date	4	22.04.2024					
Date of Mo	onitoring	3	22.04.2024					

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
Ť.	Day Time Noise Level	Leq :dB (A)	63.7	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	54.3	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

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Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019



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email : etstab2012@gmail.com | Website : www.etstab in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO .: ETS/2856/04/2024

URL NO TC130092400002856F

DATE OF REPORT: 30.04.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAB)

Date of Sample Received	: 22.04.2024
Analysis Start Date	: 27.04.2024
Analysis End Date	: 30.04.2024
Sample ID No	: 2856
Sampling Done By	: ETS STAFF
Sampling Description	: SURFACE WATER (KSAB)
Sampling Location	: NEAR INSTALLATION AREA
Sampling Method	: IS 17614 (Part-1)
Sample Quantity	: 2.0+0.5 Ltr
Packing Condition	: SEALED
Packed In	: P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Acceptable	Permissible	

PHYSICAL & CHEMICAL PARAMETERS;

1	Temperature	°C	26.9	Not Specified	Not Specified	APHA 2550-B
2	pH	1498	7.30	6.5 - 8.5	Not Specified	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	218.0	500	2000	APHA 2540-C
4	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F-)- D
5	Alkalinity, to (P)	mg/L	NIL	200	600	APHA 2320-B
6	Alkalinity, to (M)	mg/L	70.0	200	600	APHA 2320-B
7	Total Hardness,(CaCO3)	mg/L	84.0	200	600	APHA 2340-C
8	Calcium,(Ca)	mg/L	16.0	75	200	APHA 3500:(Ca)- B
9	Chloride,(Cl)	mg/L	19.0	250	1000	APHA 4500:(CI-)-8
10	Magnesium,(Mg)	mg/L	10.5	30	100	APHA 3500:(Mg)-B
п	Nitrate,(NO3)	mg/L	<0.1	45	Not Specified	APHA 4500:(NO3-)- B
12	Sulphate,(SO ₄)	mg/L	9.0	200	400	APHA 4500:(SO4)-
13	Conductivity	µs/cm	320.0	Not Specified	Not Specified	APHA 2510-B

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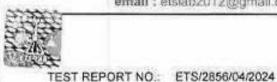


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TEST REPORT

DATE OF REPORT: 30.04.2024

WATER SAMPLE ANALYSIS REPORT

14	Phenolic Compound, (CoHsOH)	mg/L	< 0.001	0.001	0.002	APHA 5530-C
15	Phosphate (P)	mg/L	<0.05	Not Specified	Not Specified	APHA 4500:(P)-D
16	Oil & Grease, (O & G)	mg/L	NIL	Not Specified	Not Specified	APHA 5520-D
17	Chemical Oxygen Demand (COD)	mg/L	NIL	Not Specified	Not Specified	APHA 5220-B
HEAV	Y METALS;-					1
18	Total Chromium,(Cr)	mg/L	< 0.01	0.05	Not Specified	APHA-3120B
19	Arsenic,(As)	mg/L	<0.01	0.01	Not Specified	APHA 3120B
20	Cadmium,(Cd)	mg/L	<0.001	0.003	Not Specified	APHA 3120B
21	Copper,(Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
22	Iron.(Fe)	mg/L	<0.05	1.0	Not Specified	APHA-3120B
23	Lead,(Pb)	mg/L	<0.01	0.01	Not Specified	APHA-3120B
24	Mercury,(Hg)	mg/L	<0.001	0.001	Not Specified	US EPA Method 200.7 1994
25	Nickel, (Ni)	mg/L	<0.01	0.02	Not Specified	APHA-3120B
26	Zinc.(Zn)	mg/L	<0.01	5	15	APHA-3120B

****End of Test Report*****



For ENVIRO AUTHORIZED SIGNATORY

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TEST REPORT

TEST REPORT NO .: ETS/2867/04/2024

ULR NO.TC130092400002867F DATE OF REPORT: 30.04.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

Date of	Monitoring		22.04.2024						
Analysis	s Start Date		27.04.2024						
Analysis	s End Date	2	30.04.2024						
Duration Of Monitoring		:	22.04.2024	To	23.04.2024				
Time Of Monitoring		1	11.18 AM	To	11.18 AM (CO &	& O3 for 1.0 Hrs.)			
Sample ID No		:	2867						
Sampling Done By Sampling Location Sampling Method Sampling Machine Placed At Height		;	ETS STAFF						
			NEAR MAIN	GATE (KSA	AG)				
		: ETS/STP/AIR-01							
		3	: 1.5 METER FROM GROUND LEVEL						
13 C	Weather Condition		CLEAR	Ambient	Temperature:	34.0 °C			
Wind Direction		1	E To W						
Equipm	ent Used	:	Respirable [Just Sample	r (PM ₁₀) + Fine	Particulate Sampler (PM25)			
S. No.	Test Parameter		Unit	Result	Specification/Lir (As per CPCB)				
1	Particulate Matters, (PM10)		µg/m³	84.7	For 24 Hrs.=10	0 IS 5182 (Part-23)			
2	Particulate Matters,(PM25)		µg/m³	41.9	For 24 Hrs.=60	IS 5182 (Part-24)			
3	Sulphur Dioxide, (SO2)		µg/m³	18.0	For 24 Hrs.=80) IS: 5182 (Part-2)			
4	Nitrogen Dioxide,(NO2)		µg/m³	34.0	For 24 Hrs =80) IS: 5182 (Part-6)			
		_	al and the local data an	and the second se	and the second sec	and the second se			

ug/m³

µa/m³

µg/m³



Ammonia,(NH3)

Ozone.(Os)

Lead (Pb)

EOF ENVIRONTE CHISERVIC

For 24 Hrs.=400

For 1 Hrs.=180

For 24 Hrs.=1

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Format No ETS/LAB/TR-D1, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.204 Jalily Manager

<20.0

16.0

< 0.05



IS 5182 (Part-25)

IS: 5182 (Part -9)

IS 5182 (Part-22)

Note:-

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Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO .: ETS/2867/04/2024

DATE OF REPORT: 30.04.2024

AMBIENT	AIR MONIT	ORING	AND	ANALYSIS	REPORT	
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S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene,(CeHs)	µg/m³	<1.0	For Annual=5	IS 5182 (Part-11)
9	Arsenic, (As)	ng/m ³	<1.0	For Annual=06	CPCB,Vol1, Pg48
10	Nickel,(Ni)	ng/m³	<1.0	For Annual=20	IS 5182 (Part-26)
11	Carbon Monoxide,(CO)	mg/m³	0.65	For 1 Hrs.=4	IS 5182 : Part 10
12	Benzo (a) Pyrine (BaP)	ng/m3	<0.05	For Annual=01	IS: 5182 (Part-12)
13	Volatile Organic Compound,(VOC)	mg/m3	<0.01	Not Specified	ETS/STP/WZ-15

*****End of Test Report*****



For ENVIRO-TECH SERVICES



Format No ETS/LAB/TR-01, Issue No. 05. Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

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2. The results indicated only refer to the tested samples and listed applicable parameters.

3. No complaint will be entertained if received after 7 days of issue of test report.

4. Our liability is limited to invoice value only.

5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.



An Analytical Laboratory

TC-13009



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001 email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

TEST REPORT NO .: ETS/2868/04/2024

ULR NO.TC130092400002868F

DATE OF REPORT: 30.04.2024 STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

Date Of Sampling	: 22.04.2024
Analysis Start Date	: 27.04.2024
Analysis End Date	: 30.04.2024
Duration Of Sampling	: 30.0 MIN
Sample ID No.	: 2868
Sampling Done By	: ETS STAFF
Sampling Method	: ETS/STP/STACK-01
Stack Attached To	: DG SET (KSAG)
Capacity Of Stack	: 125.0 KVA
Quantity Of Fuel Used	: 10-12 LPH
Type Of Fuel Used	: H.S.D
Stack Height Above Ground	: 3.0 MTR.
Stack Dia At The Top	: 100.0 MM
Material Of Construction	: M.S.
Attached APCS	: ACOUSTIC ENCLOSURE
D.G. Set Comm. Date	: AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule	: AS PER REQUIRMENTS
Ambient Temperature	: 34.0°C
Flue Gas Temperature	: 140.0°C
Velocity Of Flue Gases	: 13.1 MTR./SEC.
Quantity Of Emission Discharged	: 370.20 m ³ /hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	g/kw-hr	0.10	0.2	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	0.51	3.5	IS: 13270
3	Sulphur Dioxide,(SO2)	mg/Nm ³	29.7	Not Specified	IS-11255 (Part-2)

CHECKED BY SHRADDHA GUPTA

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORYCA.

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04 2019, Amd. No. 04 Date 01.04 2019 QUality Manager



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An Analytical Laboratory

ISO 4500

(A GOVERNMENT APPROVED LAB)

ETS-LAN

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076; 9811736063



TEST REPORT NO .: ETS/2868/04/2024

TEST REPORT

DATE OF REPORT: 30.04.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
and the second second	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	26.0	Not Specified	ETS/STP/STACK-07
12100	Oxide of Nitrogen (NOx.) + Hydro Carbon (HC)	g/kw-hr	1.28	4	IS-11255 (Part-7)

*****End of Test Report*****



For ENVIRO-TECH SERVICES



Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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An Analytical Laboratory (A GOVERNMENT APPROVED LAB) TC-13009



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TEST REPORT

TEST REPORT NO .: ETS/2869/04/2024

ILSI KEFORI

4 ULR NO.TC130092400002869F DATE OF REPORT: 30.04.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD. JORHAT (KSAG)

C Test Daramater		Unit Posult Specification/Limit
Quantity Of Emission Discharged	:	31.0 m ³ /hr
Velocity Of Flue Gases	1	17.6 MTR./SEC.
Flue Gas Temperature		148.0°C
Ambient Temperature	:	34.0°C
Normal Operating Schedule	:	AS PER REQUIRMENTS
D.G. Set Comm. Date	:	AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Attached APCS	:	ACOUSTIC ENCLOSURE
Material Of Construction	:	M.S.
Stack Dia At The Top	:	25.0 MM
Stack Height Above Ground	:	3.0 MTR.
Type Of Fuel Used	:	H.S.D
Quantity Of Fuel Used	:	2-4 LPH
Capacity Of Stack	:	15.0 KVA
Stack Attached To	:	DG SET (KSAG)
Sampling Method	:	ETS/STP/STACK-01
Sampling Done By		ETS STAFF
Sample ID No.	3	2869
Duration Of Sampling	3	30.0 MIN
Analysis End Date	2	30.04.2024
Analysis Start Date	:	27.04.2024
Date Of Sampling		22.04.2024

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM)	g/kw-hr	0.09	0.3	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	0.36	3.5	IS: 13270
3	Sulphur Dioxide,(SO ₂)	mg/Nm ^a	21.7	Not Specified	IS-11255 (Part-2)



For ENVIRO TECH SERVICES

AUTHORIZED SIGNATORYAL

Format No ETS/LAB/TR-05. Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Uality Manager

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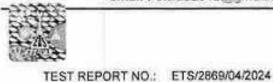
An Analylical Laboratory

ISO 4500

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

DATE OF REPORT: 30.04.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
4	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	24.0	Not Specified	ETS/STP/STACK-07
5	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.40	7.5	IS-11255 (Part-7)

'End of Test Report



For ENVIROJEC AUTHORIZED SIG

Format No ETS/LAB/TR-05, Issue No. 05. Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Quality Manage-

Nofet-

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An Analytical Laboratory

DATE OF REPORT: 30.04.2024

ETS-LAN

(A GOVERNMENT APPROVED LAB)





TEST REPORT NO .:

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001 email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076. 9811736063

TEST REPORT

ULR NO.TC130092400002870F

STACK EMISSION		ONITORING AND ANALYSIS REPORT
Name And Address of Customer	:	M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)
Date Of Sampling	4	22.04.2024
Analysis Start Date	:	27.04.2024
Analysis End Date	:	30.04.2024
Duration Of Sampling	1	30.0 MIN
Sample ID No.	4	2870
Sampling Done By	1	ETS STAFF
Sampling Method	4	ETS/STP/STACK-01
Stack Attached To	:	FLARE STACK (KSAG)
Capacity Of Stack	:	- Mariel
Quantity Of Fuel Used	:	
Type Of Fuel Used	:	NATURAL GAS
Stack Height Above Ground	:	4.0 MTR.
Stack Dia At The Top	:	100.0 MM
Material Of Construction	:	M.S.
Attached ADCS		

Attached APCS	 All and a second se second second sec
Normal Operating Schedule	: NORMAL
Ambient Temperature	: 34.0°C
Flue Gas Temperature	: 140.0°C

ETS/2870/04/2024

Fille Gas remperature	IS SHITS OFO
Velocity Of Flue Gases	: 13.5 MTR./SEC.

	DOI ET malfor
Oughtity Of Emission Discharged	381.51 m ³ /hr

Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
Particulate Matters (PM)	mg/Nm ³	58.7	150	IS-11255 (Part-1)
	mg/Nm ³	6.9	600	IS-11255 (Part-2)
Second and the second se	the second s	7.5	600	IS-11255 (Part-7)
		0.18	1	IS: 13270: 2008
	Test Parameter Particulate Matters,(PM) Sulphur Dioxide,(SO ₂) Oxide of Nitrogen,(NOX as NO ₂)	Test Parameter Unit Particulate Matters.(PM) mg/Nm³ Sulphur Dioxide.(SO2) mg/Nm³	Test Parameter Unit Result Particulate Matters.(PM) mg/Nm³ 58.7 Sulphur Dioxide.(SO2) mg/Nm³ 6.9 Oxide of Nitrogen.(NOX as NO2) mg/Nm³ 7.5	Test Parameter Unit Result Specification/Limit (As per CPCB) Particulate Matters.(PM) mg/Nm³ 58.7 150 Sulphur Dioxide.(SO2) mg/Nm³ 6.9 600 Oxide of Nitrogen.(NOX as NO2) mg/Nm³ 7.5 600



For ENVIROTEDA CES

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Uality Manage



Note:-

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email : etsiab2012@gmail.com | Website : www.etsiab.in | Ph. 9911516076, 9811736063



TEST REPORT

DATE OF REPORT: 30.04.2024

TEST REPORT NO .: ETS/2870/04/2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
5	Hydrocarbon,(HC)	mg/Nm ³	17.0	Not Specified	ETS/STP/STACK-07
6	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	20.0	Not Specified	ETS/STP/STACK-07

*****End of Test Report*****



For ENVIRO-TECH SERVICES

AUTHOBIZED SIGNATORYRAJ

Format No ETS/LAB/TR-05, Issue No. 05. Date 01.04.2019, Amd. No. 04 Date D1.04.2019 Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/2871/04/2024

ULR NO.TC130092400002871F

DATE OF REPORT: 30.04.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

C Tant Decompton					
Packed In	:	P.V.C. AND GLASS BOTTLE			
Packing Condition	:	SEALED			
Sample Quantity	:	2.0+0.5 Ltr			
Sampling Method	:	IS 3025 (Part-1)			
Sampling Location	:	FROM BOREWELL WATER (KSAG)			
Sampling Description	:	GROUND WATER			
Sampling Done By	:	ETS STAFF			
Sample ID No	: 2871				
Analysis End Date	: 30.04.2024				
Analysis Start Date	:	27.04.2024			
Date of Sample Received	:	22.04.2024			

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Acceptable	Permissible	

1	Temperature	°C	26.9	Not Specified	Not Specified	APHA 2550-8
2	pH	100	7.44	6.5 - 8.5	Not Specified	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	590.0	500	2000	APHA 2540-C
4	Fluoride,(F)	mg/L	0.13	1	1.5	APHA 4500:(F-)-D
5	Alkalinity, to (P)	mg/L	NIL	200	600	APHA 2320-B
6	Alkalinity, to (M)	mg/L	240.0	200	600	APHA 2320-B
7	Total Hardness, (CaCO ₃)	mg/L	196.0	200	600	APHA 2340-C
8	Calcium.(Ca)	mg/L	50.4	75	200	APHA 3500.(Ca)-B
9	Chloride,(Cl)	mg/L	80.0	250	1000	APHA 4500:(CI-)-B
10	Magnesium,(Mg)	mg/L	16.8	30	100	APHA 3500:(Mg)-B
11	Nitrate, (NO ₃)	mg/L	0.45	45	Not Specified	APHA 4500:(NOs-)-8
12	Sulphate,(SO4)	mg/L	28.0	200	400	APHA 4500:(SO4)-E
13	Conductivity	µs/cm	867.0	Not Specified	Not Specified	APHA 2510-B



For ENVIRO TECH SERVICES

AUTHORIZED SIGNATORY A.

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2010/Ualily Manager

Note:-

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TEST REPORT

DATE OF REPORT: 30.04.2024

EST REPORT NO .: ETS/2871/04/2024

WATER SAMPLE ANALYSIS REPORT

14	Phenolic Compound (CeHsOH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
15	Phosphate (P)	mg/L	<0.01	Not Specified	Not Specified	APHA 4500:(P)-D
16	Oil & Grease, (O & G)	mg/L	<1.0	Not Specified	Not Specified	APHA 5520-D
17	Chemical Oxygen Demand.(COD)	mg/L	<5.0	Not Specified	Not Specified	APHA 5220-B
HEAV	Y METALS;-					
18	Total Chromium,(Cr)	mg/L	<0.01	0.05	Not Specified	APHA-3120B
19	Arsenic.(As)	mg/L	<0.01	0.01	Not Specified	APHA 3120B
20	Cadmium,(Cd)	mg/L	<0.001	0.003	Not Specified	APHA 3120B
21	Copper,(Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
22	Iron.(Fe)	mg/L	0.67	1.0	Not Specified	APHA-3120B
23	Lead,(Pb)	mg/L	<0.01	0.01	Not Specified	APHA-3120B
24	Mercury.(Hg)	mg/L	<0.001	0.001	Not Specified	US EPA Method 200.7 1994
25	Nickel,(Ni)	mg/L	<0.01	0.02	Not Specified	APHA-3120B
26	Zinc,(Zn)	mg/L	<0.01	5	15	APHA-3120B

****End of Test Report*****



For ENVIRO TEP AUTHORIZED SIGNATORYA

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Ushing Managere

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TEST REPORT NO .: ETS/2872/04/2024

TEST REPORT

ULR NO.TC130092400002872F

DATE OF REPORT: 30.04.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

Date of Sample Received
Analysis Start Date
Analysis End Date
Sample ID No
Sampling Done By
Sampling Description
Sampling Location
Sampling Method
Sample Quantity
Packing Condition
Packed In

2.0+0.5 Ltr
2.0+0.5 LU

ETS STAFF

: IS 3025 (Part-1)

: 22.04.2024 : 27.04.2024 : 30.04.2024

: SEALED

: 2872

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P.V.C. AND GLASS BOTTLE 1

: SURFACE WATER (KSAG)) : NEAR INSTALLATION AREA

S. No.	Test Parameter	Unit	Result	Specifica (As per IS:1	Test Method
				Acceptable	Permissible

1	Temperature	0°	26.9	Not Specified	Not Specified	APHA 2550-B
2	pH		7.51	6.5 - 8.5	Not Specified	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	230.0	500	2000	APHA 2540-C
4	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F-)-D
5	Alkalinity, to (P)	mg/L	NIL	200	600	APHA 2320-B
6	Alkalinity, to (M)	mg/L	64.5	200	600	APHA 2320-B
7	Total Hardness,(CaCO3)	mg/L	90.0	200	600	APHA 2340-C
8	Calcium,(Ca)	mg/L	15.0	75	200	APHA 3500:(Ca)-B
9	Chloride,(Cl)	mg/L	28.0	250	1000	APHA 4500:(CI-)-B
10	Magnesium,(Mg)	mg/L	12.6	30	100	APHA 3500:(Mg)-B
11	Nitrate,(NO3)	mg/L	<0.1	45	Not Specified	APHA 4500: (NO3-)-B
12	Sulphate,(SO ₄)	mg/L	8.0	200	400	APHA 4500:(SO4)-E
13	Conductivity	µs/cm	338.0	Not Specified	Not Specified	APHA 2510-B



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORYA.

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.201@uality Manager

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ENVIRO-TECH SERVICES An Analytical Laboratory



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TEST REPORT TEST REPORT NO .: ETS/2872/04/2024

DATE OF REPORT: 30.04.2024

WATER SAMPLE ANALYSIS REPORT

-		or trent has been	THE TAKE I S	no num on		
14	Phenolic Compound, (C6H5OH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
15	Phosphate (P)	mg/L	<0.01	Not Specified	Not Specified	APHA 4500:(P)-D
16	Oil & Grease, (O & G)	mg/L	NIL	Not Specified	Not Specified	APHA 5520-D
17	Chemical Oxygen Demand, (COD)	mg/L	NIL	Not Specified	Not Specified	APHA 5220-B
HEAV	Y METALS;-	0				*
18	Total Chromium,(Cr)	mg/L	<0.01	0.05	Not Specified	APHA-3120B
19	Arsenic,(As)	mg/L	< 0.01	0.01	Not Specified	APHA 3120B
20	Cadmium,(Cd)	mg/L	< 0.001	0.003	Not Specified	APHA 3120B
21	Copper,(Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
22	Iron,(Fe)	mg/L	<0.05	1.0	Not Specified	APHA-3120B
23	Lead,(Pb)	mg/L	<0.01	0.01	Not Specified	APHA-3120B
24	Mercury.(Hg)	mg/L	<0.001	0.001	Not Specified	US EPA Method 200.7 1994
25	Nickel,(Ni)	mg/L	<0.01	0.02	Not Specified	APHA-3120B
26	Zinc,(Zn)	mg/L	< 0.01	5	15	APHA-3120B

*End of Test Report'



For ENVIRO TECH

AUTHORIZED SI

Format No ETS/LAB/TR-09, Issue No 05, Date 01 04 2019, Amd. No 04 Date 01.04 2018 ality Manage

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An Analytical Laboratory

DATE OF REPORT: 30.04.2024



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001 email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063.



TEST REPORT

TEST REPORT NO .: ETS/2873/04/2024 ULR NO.TC130092400002873F

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

C Toot Daramatar		Unit	Regult	Specificat
Category Of Area	3	INDUSTRIAL	AREA	
Sampling Method		ETS/STP/NOI	SE-01	
Sampling Location	4	NEAR DG.SE	T AREA (KSA	G)
Monitoring Done By		ETS STAFF		
Sample ID No	- 1	2873		
Duration Of Monitoring	:	24 HOURS		
Monitoring End Date		23.04.2024		
Monitoring Start Date	1	22.04.2024		
Date of Monitoring	1	22.04.2024		

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	64.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	57.3	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

******End of Test Report*****

CHECKED B SHRADDHA GUPTA

For ENVIRO TECH SERVICES

AUTHORIZED SIGNATORY RA. Format No ETS/LAB/TR-02, Issue No. 05, Date 01:04 2019, Amd. No. 04 Date 01:04:2019 Quality Manage

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.

2. The results indicated only refer to the tested samples and listed applicable parameters.

3. No complaint will be entertained if received after 7 days of issue of test report.

4. Our liability is limited to invoice value only,

5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.



An Analytical Laboratory





(A GOVERNMENT APPROVED LAB)

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TEST REPORT

TEST REPORT NO .:

ULR NO.TC130092400002874F

ETS/2874/04/2024

DATE OF REPORT: 30.04.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer

M/s, OIL AND NATURAL GAS CORPORATION LTD. 20 SATELLITE FIELD, JORHAT (KSAG)

	INDUSTRIAL AREA
:	ETS/STP/NOISE-01
*	NEAR DISPATCH PUMP HOUSE (KSAG)
\$	ETS STAFF
*	2874
•	24 HOURS
	23.04.2024
÷.	22.04.2024
1	22.04.2024
	8

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
	Day Time Noise Level	Leg :dB (A)	66.9	75	IS: 9989
N.	and the second	Leg dB (A)	52.5	70	IS: 9989
2	Night Time Noise Level	red or his	1000000-		

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



For ENVIRO-TE TAR

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Duality Manage



Note:-

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An Analytical Laboratory (A GOVERNMENT APPROVED LAB)

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TEST REPORT

TEST REPORT NO .: ETS/2875/04/2024 ULR NO.TC130092400002875F DATE OF REPORT: 30.04.2024

AMBIENT NOISE MONITORING REPORT

Name And	Address of	Customer
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: M/s, OIL AND NATURAL GAS CORPORATION LTD. SATELLITE FIELD, JORHAT (KSAG)

NEAR OFFICE BUILDING (KSAG) ETS/STP/NOISE-01 INDUSTRIAL AREA
ETS/STP/NOISE-01
ETS STAFF
2875
24 HOURS
23.04.2024
22.04.2024
22.04.2024

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1000	Day Time Noise Level	Leg dB (A)	69.4	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	57.6	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



FOR ENVIRO-TECH SERVICES



Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019



Note:-1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.

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An Analytical Laboratory

DATE OF REPORT: 30.04.2024

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001



omail : etslab2012@gmail.com | Website : www.etslab.in | Ph : 9911516076, 9811736063



TEST REPORT

TEST REPORT NO .:

ULR NO.TC130092400002876F

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer	1	M/s, OIL AND NATURAL GAS CORPORATION LTD SATELLITE FIELD, JORHAT (KSAG)			

T I D		Ilmit	Decult	Cnacific
Category Of Area	3	INDUSTRIA	AL AREA	
Sampling Method	:	ETS/STP/N	IOISE-01	
Sampling Location		NEAR BOL	INDRY WALL	. (KSAG)
Monitoring Done By	4	ETS STAFE	F.	
Sample ID No	1	2876		
Duration Of Monitoring	:	24 HOURS		
Monitoring End Date		23.04.2024		
Monitoring Start Date	1	22.04.2024		
Date of Monitoring	5	22.04.2024		

ETS/2876/04/2024

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	66.2	75	IS: 9989
2	Night Time Noise Level	Leg :dB (A)	60.7	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORICA.

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019Quality Manager



Note:-

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