

**Half Yearly Compliance Report
2024
01 Jun(01 Oct - 31 Mar)**

Acknowledgment

Proposal Name	Construction of LNG import Terminal at Puthuvypeen Island, Kochi, Kerala		
Name of Entity / Corporate Office	Petronet LNG Limited		
Village(s)	N/A		
District	ERNAKULAM		
Proposal No.	IA/KL/MIS/10910/2001	Category	INFRA-2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	KERALA	Entity's PAN	NA
MoEF File No.	J-16011/26/2001-IA.III	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office Petronet LNG Limited

	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	33.4	33.4
Total	33.4	33.4

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	LNG	Tons per Annum (TPA)	31/03/2028	5 MMTPA	1.041	5 MMTPA

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
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1	Statutory compliance	All conditions stipulated in the clearance letter dated 2nd June, 2003 should be strictly implemented. Also, all conditions stipulated by the State Coastal Zone Management Authority vide their letter No.1 143/A212005/STED, dated 14th October, 2005 should be complied.
PPs Submission: Complied All the conditions stipulated in the clearance letter date 02.06.2023 are being complied. Letter No. 4215/B1/2000/STE dated 9th February 2001 does not specify any conditions for compliance. Conditions mentioned in the Letter No.1143/A2/2005/ dated 14.10.2005 from KCZMA are complied. Report attached		Date: 24/05/2024
2	Statutory compliance	No Objection Certificate/consent should be obtained from the Kerala State Pollution Control Board for the enhanced LNG capacity at the terminal, before initiating the project.
PPs Submission: Complied Consent to Establish (CTE) with No. PCB/NOC/EK/117/98 dated 17th September 1999 obtained from PCB before starting the project construction.		Date: 24/05/2024
3	MISCELLANEOUS	The project proponent should ensure that all necessary precautions including installation of Full-containment - Type LNG tank with concrete roof as indicated in the risk analysis report should be implemented.
PPs Submission: Complied PLL had constructed two LNG storage tanks, both the tanks are of Full containment type with concrete roofing.		Date: 24/05/2024
4	MISCELLANEOUS	The project proponent should ensure that no additional dredging/expansion or regasification plant will be undertaken for the above project.
PPs Submission: Complied PLL will not undertake additional dredging / expansion of regasification plant without approval of MOEF&CC. Dredging operation is completed and maintenance dredging is being carried out by Cochin Port Trust (CoPT).		Date: 24/05/2024
5	MISCELLANEOUS	The budget allocated for environment safeguard measures should not be diverted for any other purpose.
PPs Submission: Complied PLL ensure that the budget allocated for environment safeguard will not be diverted for other purposes.		Date: 24/05/2024
6	MISCELLANEOUS	The comprehensive Environmental Impact Assessment report which is under preparation should be completed early and the final report submitted to this Ministry within one year
PPs Submission: Complied Comprehensive EIA report for 2.5 MMTPA Terminal capacity was submitted at MoEF&CC on 16th February 2001.		Date: 24/05/2024
7	Risk Mitigation and Disaster Management	Based on the risk analysis, Disaster Management Plan should be prepared and submitted to this Ministry within 6 months.
PPs Submission: Complied Site emergency response plan (ERDMP) submitted to MoEF&CC vide letter dated 22nd September-2011 w.r.t. EAC recommendations. Updated emergency response plan is attached		Date: 24/05/2024

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification, 1991 and its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.
PPs Submission: Complied Terminal construction was carried out as per applicable central & local regulations like KSPCB, PESO, F&B, Fire dept., KCZMA etc. All the statutory approvals were taken and submitted with the six-monthly report for the period October 2012 to March 2013.		Date: 24/05/2024
2	MISCELLANEOUS	The project authorities should take appropriate community development and welfare measures for villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose.
PPs Submission: Complied CSR projects are being undertaken by PLL for community development and welfare in nearby villages. CSR report & expenditures during the period, October 2023 to March 2024 is attached. Separate amount is allocated in budget for these activities.		Date: 24/05/2024
3	MISCELLANEOUS	The quarrying material required for the construction purpose shall be obtained only from the approved quarries/borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies.
PPs Submission: Complied Quarrying material was sourced from Government approved quarries during terminal construction. Details regarding this are submitted with six monthly compliance reports for the period October 2012 to March 2013.		Date: 24/05/2024
4	Marine/Coastal	The dredging operations to be undertaken with the prior approval of this Ministry, shall be executed with appropriate safeguard measures to prevent turbidity conditions in consultation with the expert agencies such CWPRS/NIO.
PPs Submission: Complied Dredging approval has been taken from MoEF&CC vide their order No. J16011/26/2001- IA-III dated 16th November 2010. Dredging completed & maintenance dredging has been carrying out by ensuring all safeguards.		Date: 24/05/2024
5	MISCELLANEOUS	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.
PPs Submission: Complied During the project, PLL had given preference to locals by employing unskilled, semiskilled and skilled worker wherever possible based on their qualification and merits.		Date: 24/05/2024
6	MISCELLANEOUS	The recommendations made in the Environment Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.

<p>PPs Submission: Complied All the recommendations from Environment Management Plan (EMP), EIA, Disaster management plan and risk analysis reports are being implemented.</p>		<p>Date: 24/05/2024</p>
7	MISCELLANEOUS	A separate Environment Management Cell with suitably qualified staff to carry out various environment issues should be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.
<p>PPs Submission: Complied PLL has set up an Environment Management Cell (EMC) under Chief General Manager & Vice President (Plant Head) with nominated members from plant departments.</p>		<p>Date: 24/05/2024</p>
8	MISCELLANEOUS	The project affected people, if any should be properly compensated and rehabilitated
<p>PPs Submission: Complied No people affected directly as the project was on uninhabited land.</p>		<p>Date: 24/05/2024</p>
9	MISCELLANEOUS	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this Ministry.
<p>PPs Submission: Complied The fund earmarked for environment management is included in the budget and will not be diverted for other purposes. Expenditures for the FY 2023-24 is attached</p>		<p>Date: 24/05/2024</p>
10	MISCELLANEOUS	Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigation measures and other environmental protection activities.
<p>PPs Submission: Complied PLL extend its full support to the officers of this ministry's Regional Office, Bengaluru and the officers of the Central and State Pollution Control Board during the inspection for monitoring purpose</p>		<p>Date: 24/05/2024</p>
11	MISCELLANEOUS	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.
<p>PPs Submission: Complied PLL has not carried out any deviation or alteration in the project. PLL will comply with this requirement and will take permit from the Ministry prior to any deviation, alteration and modification.</p>		<p>Date: 24/05/2024</p>
12	WATER QUALITY MONITORING AND PRESERVATION	The proponent shall ensure that as a result of the proposed constructions, ingress of the saline water into the groundwater does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site.
<p>PPs Submission: Complied</p>		<p>Date:</p>

This was ensured during construction stage. At present, ground water wells are installed at two locations inside the terminal for ground water quality monitoring. Latest ground water analysis report is attached		24/05/2024
13	MISCELLANEOUS	This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.
PPs Submission: Complied Noted. PLL will abide by all Environment clearance conditions.		Date: 24/05/2024
14	Statutory compliance	This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary for environmental protection, which shall be complied with.
PPs Submission: Complied PLL will comply with additional conditions, if any suggested by the ministry or any other competent authority in writing.		Date: 24/05/2024
15	MISCELLANEOUS	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Committee and may also be seen at Website of the Ministry of Environment & Forests at http://www.envfor.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore
PPs Submission: Complied Advertised in two local newspapers widely circulated in the region around the project. Copy of advertisement submitted along with the six-monthly compliance report for the period April to September 2013.		Date: 24/05/2024
16	MISCELLANEOUS	The Project proponents should 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 Land Development Work.
PPs Submission: Complied PLL had informed the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project vide letter dated 5th September 2008.		Date: 24/05/2024
17	Statutory compliance	Handling, manufacturing, storage and transportation of all hazardous chemicals should be carried out in accordance with MSIHC Rules, 1989 and subsequent amendments, All approvals from State and Central nodal agencies including OISD, Chief Controller of Explosives, Chief Inspectorate of Factories must be obtained. A comprehensive contingency plan in collaboration with the concerned authorities must be formulated before commissioning of the project to meet any eventuality in case of an accident
PPs Submission: Complied Plant operation is being carried out in accordance with all applicable regulations. All the approvals and licenses obtained from statutory bodies was submitted to MOEF&CC with six monthly compliance report for the period October 2012 to March 2013. An emergency response and disaster management plan (ERDMP) has been prepared for handling plant emergencies.		Date: 24/05/2024

18	MISCELLANEOUS	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up as to ensure that the quality of ambient air and water conforms to the prescribed standards. The laboratory will also be equipped with qualified manpower including a marine biologist so that the marine water quality is regularly monitored in order to ensure that the marine life is not adversely affected as a result of implementation of the said project. The quality of ambient air and water shall be monitored periodically in all the seasons and the results should be properly maintained for inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (Regional Office at Bangalore) and State Pollution Control Board
<p>PPs Submission: Complied</p> <p>A laboratory with equipment's for water quality analysis and qualified employees is in place. Water & Air quality monitoring is being carrying out with the help of a PCB approved third party lab. Monitoring reports are being submitted to State pollution control board on every month and to MoEF&CC on six monthly basis. Ambient air quality monitoring report for last six months is attached . Services of a marine biologist is not required as there was a change in the initially proposed project, where sea water intake is required in the process.</p>		<p>Date: 24/05/2024</p>
19	MISCELLANEOUS	Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation, etc. must be provided for the laborers during the construction period in order to avoid damage to the environment, Colonies for the laborers should not be located in the Coastal Regulation Zone area. It should also be fuel wood purpose.
<p>PPs Submission: Complied</p> <p>During construction, PLL has provided adequate infrastructure facilities such as water supply, fuel for cooking, sanitation, etc. to the labourers. Labour colonies were not located in CRZ area.</p>		<p>Date: 24/05/2024</p>
20	WATER QUALITY MONITORING AND PRESERVATION	To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided. No sewage and other liquid wastes without treatment should be allowed to enter into the water bodies.
<p>PPs Submission: Complied</p> <p>STP and septic tanks are provided for treating sewages from buildings. No sewage or waste from PLL are allowed to enter in water bodies. Treated water from STP is used for gardening purpose.</p>		<p>Date: 24/05/2024</p>
21	WASTE MANAGEMENT	Appropriate facility should be created for the collection of solid and liquid wastes generated by the barges/vessels and their safe treatment and disposal should be ensured to avoid possible contamination of the water bodies
<p>PPs Submission: Complied</p> <p>PLL is not handling the wastes generated from vessels at site. Wastes generated by vessels and tugs are not handled & disposed at PLL premises.</p>		<p>Date: 24/05/2024</p>
22	Marine/Coastal	Necessary navigational aids such as channel markers should be provided to prevent accidents. internationally recognized safety standards shall be applied in case of barge/vessel movements
<p>PPs Submission: Complied</p> <p>All the navigation related requirements are maintained by Cochin Port Trust.</p>		<p>Date: 24/05/2024</p>

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks: