



# Petronet LNG Limited

Survey No. 347, Puthuvypu P.O.

Kochi - 682 508, India.

Tel: +91-484-2502259 Fax: +91-484-2502264

www.petronetlng.in

CIN L74899DL1998PLC093073

PAN: AAACP8148D. GST: 32AAACP8148D1ZP

PLL/KOCHI/MoEF&CC/2022-23/04

31<sup>st</sup> May 2022

## Additional Principal Chief Conservator of Forests (C)

Ministry of Environment, Forest and Climate Change,  
Regional Office (SZ),  
Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road,  
Koramangala II Block,  
Bangalore – 560034.

**Sub: Compliance report to Environment Clearance accorded to the LNG Terminal at Puthuvypu, Kochi.**

**Ref: Environment Clearance No. J-16011/26/2001-IA-III vide your letters dated 31<sup>st</sup> January 2013.**

Sir,

The Six-monthly compliance report for the above clearance for the period of October 2021 to March 2022 is attached.

Thanking You,

With Regards

*Shreddy*  
31.5.22

**Yogananda Reddy**

Chief General Manager & Vice President (Plant Head)



**CC:**

- 1) The Chief Environmental Engineer,  
Kerala State Pollution Control Board,  
Gandhinagar, Kochi – 682 020.



### Registered & Corporate Office:

World Trade Centre, First Floor, Babar Road, Barakhamba Lane.

New Delhi - 110 001 (INDIA)

Tel: +91-11-23411411 / 23472525 Fax: +91-11-23472550

### Dahej LNG Terminal:

GIDC Industrial Estate, Plot No. 7/A, Dahej Taluka: Vagra, Dist. Bharuch - 392130 (Gujarat)

Tel: +91-2641-257249 Fax: +91-2641-257252

**Compliance report of EC&CRZ Clearance vide No. J-16011/26/2001-IA-III dated 31.01.2013 for enhancing the re-gasification capacity from 2.5 to 5 MMTPA at Puthuvypeen Island, Kochi, Kerala by M/s Petronet LNG Ltd.**

**Period: October 2021 to March 2022**

Sl_No	Condition Type	Condition Description	Compliance Status
1	Specific	"Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	"Consent to Establish" vide Consent No. PCB/HO/EKM/ICE-R/03/2013 obtained from KSPCB and a copy of the same has already submitted to MoEF&CC along with the six-monthly compliance report dated 30 <sup>th</sup> September-2013.
2	Specific	NOC/Clearance shall be obtained confirming that all the firefighting provisions are as per standards specified by the Chief Controller of Explosives/Petroleum &, Explosives Safety Organization (PESO) for the additional storage tanks.	No additional LNG storage tank is envisaged for this enhancement. We have got Approval from PESO for the existing LNG Storage Tanks and a copy of the same has already been submitted to MoEF&CC along with the six-monthly compliance reports dated 05 <sup>th</sup> April-2013.
3	Specific	Leak detection/warning system shall be provided at strategic locations. Necessary control measures capable of remote operation to shut down the leakage, if any, should be provided.	Complied. State of the art automated FGS & shutdown system is installed to mitigate any such incidents.
4	Specific	Appropriate safety devices such as masks should be provided for use by the workers handling the products at the site and their usage by them should be ensured.	Complied. Safety Helmets, Safety Shoes, Safety Goggles, SCBAs, Cryogenic suits, Cryo-hand gloves are provided to employees & workers and Dust mask are provided to the workers involved in activities which has potential to generate dust.
5	Specific	Project proponent should implement all the recommendations stipulated in the EIA, EMP and Risk Assessment reports pertaining to the project.	PLL is complying with all the recommendation stipulated in the EIA, EMP and Risk Assessment reports (QRA) pertaining to our project.
6	Specific	The commitments made during the Public Hearing and as recorded in the Minutes shall be complied with letter and spirit.	Noted. Public Hearing commitments are incorporated in the final EIA Report for further necessary implementation. Public hearing commitments are fulfilled, and the details has already been submitted along with the six-

			monthly compliance report dated 02 <sup>nd</sup> June-2016.
7	Specific	All the conditions stipulated in the earlier Clearance including the recommendations of Environment Management Plan, Disaster Management Plan shall be strictly complied with.	All the conditions stipulated in the earlier clearances including the recommendations of EMP and DMP are strictly complied with.
8	Specific	The Committee noted the proponent's statement that augmentation of the capacity from 2.5 MMTPA to 5.0 MMTPA will not induct additional environmental issues and that the planned system will take care of the overall requirements of the facility. However, impacts if any arising out of increased activities to meet the additional capacity shall be brought to the notice of the Ministry with appropriate mitigation measures that will be put in place, to ensure that the given commitment of 'no additional impact' is maintained in letter and spirit.	Noted. However, Augmentation of the capacity from 2.5 MMPTA to 5.0 MMTPA will not induct additional environmental issues.
9	Specific	At least 5% of the total cost of the project shall be earmarked towards the Corporate Social Responsibility (CSR) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry prior to the commencement of the project. Implementation of such program shall be ensured accordingly in a time bound manner.	5% of the total cost of augmentation of the capacity from 2.5 MMTPA to 5.0 MMTPA project, i.e., Rs. 16,83,45000/- (Rupees Sixteen Crore Eighty Three lakh forty five thousand only) is earmarked towards community development and other infrastructure related as well as CSR projects. PLL had submitted a letter vide No: PLL/KOCHI/MOEF/2012-13/C-06 dated 22.03.2013 containing CSR Expenditure plan.  CSR projects are being undertaken by PLL for community development and welfare. A brief description about the CSR activities carried out by PLL for FY 2021-22 is enclosed here with the photographs as <b>Annexure #1</b> . Petronet had spent a total amount of Rs. 18,39,26,279/- (Rupees Eighteen Crore Thirty-Nine Lakhs Twenty six Thousand Two Hundred & Seventy-



			Nine only) for CSR projects till date, out of which Rs. 3,95,48,144/- (Rupees Three Crore Ninety Five lakh Forty Eight thousand One hundred & Forty four only) had spent in the FY 2021-22. Detailed expense report is attached here as <b>Annexure #2.</b>
10	Specific	It shall be ensured that the proposed activity shall not cause any disturbance to the Fishing activity.	The proposed augmentation/enhancement of plant capacity do not involve any modification in current marine facilities. Hence will not cause disturbance to fishing activity.
11	Specific	The smooth and safe operation of the system will be ensured by incorporating a computerized SCADA (Supervisor Control and Data Acquisition) system. Any leakage in the pipeline shall be immediately detected by the computer system and product pumping shall be immediately cut off.	Complied. Computerized SCADA (Supervisor Control and Data Acquisition) system, FGS (Flame, Gas and Spill) detection system and ESD (Emergency Shutdown system) system has already been installed to ensure smooth and safe operation, for early detection of any leak and for safe shutdown in case of any emergency respectively. Regasified LNG pipeline is belongs to GAIL and cut off the gas supply is ensured by them and on intimation to PLL, we may stop the gas supply.
12	Specific	Regular patrolling of the pipelines needs to be done. This will help in identifying any activity that have the potential to cause pipeline damage or to identify small leaks whose effects are too small to be detected by instrument.	Complied. Regasified NG pipeline belong to GAIL and PLL has no role related to these pipelines. However, the pipelines within the terminals are equipped with temperature and pressure sensors designed to raise alarm in case of abnormalities, in additions to this all pipelines are provided with detectors capable of activating ESD if situation demands.
13	Specific	The project shall be carried out as per international standards in vogue and duly certified by competent authorities before commissioning.	Complied. The project was carried out in accordance with relevant international and national standards. All equipment's have been inspected and certified by competent third party or by competent authorities as per requirements.

14	Specific	Oil Spill Contingency Management Plan shall be put in place along with the dedicated staff to deal with Oil spill in and around the port area shall be provided in the port. No oily wastes shall be discharged into the water bodies/mangrove areas.	PLL jetty falls under the Cochin Port Trust (CPT), and the Oil Spill Contingency Management Plan is prepared by CPT. PLL has provided the information required from the terminal to be incorporated in the Oil Spill Contingency Management Plan. Coast guard is also part of the Oil spill contingency plan. Any kind of spillage incidents will be handled by Cochin Port Trust. We have already submitted details regarding the same with six monthly compliance report dated 05 <sup>th</sup> April-2013.
15	Specific	Regular mock drills shall be conducted to check the effectiveness of the on-site Disaster Management Plan. The recommendations made in the Environmental Management Plan and Disaster Management Plan, as contained in the Environment Impact Assessment and Risk Analysis reports of the project, should be effectively implemented.	Mock drills are conducted in every quarter for different emergency scenarios listed out in the risk assessment report. Mock drills are being conducted as per PLL ERDMP plan. An effective Mutual aid arrangement is in place with neighbouring industries, which will ensure active participation of mutual aid organizations in Mock drills. PLL has a Mutual Aid agreement with FACT-UD, ICT Terminal & BPCL-STF to support & provide resources during an emergency. All recommendations made in the Environmental Management Plan and Disaster Management Plan, as contained in the Environment Impact Assessment and Risk Analysis reports of the project were covered during the preparation of ERDMP (Emergency Response and Disaster Management Plan) and which is effectively implemented.
16	Specific	No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Noted. No other construction work will be done in CRZ area.
17	Specific	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards	PLL has set up an Environment Management Cell (EMC) under Chief General Manager & Vice President (Plant Head). Other members of the team include Head of; maintenance

		under the supervision of a Senior Executive.	dept., Operations department, C&P (Contracts & Procurement) department, Technical department, HSE department, Civil Department, Lab operation & a representative from HR department for effectively implementing the stipulated environment safeguards.
18	Specific	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	The fund earmarked for environment protection measures is included in the budget and will not be diverted for other purposes. Environment expenses for FY 2021-22 is enclosed here as <b>Annexure #03.</b>
19	General	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted. PLL have taken appropriate measure while undertaking digging activities. We conduct ground water analysis periodically on half yearly basis and latest report is enclosed as <b>Annexure#4.</b>
20	General	Full support shall be extended to the officers of this Ministry/Regional Office at Bengaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	PLL will extend full support to the officers of this ministry's Regional Office, Bangalore and the officers of the Central and State Pollution Control Board during the inspection for monitoring purpose by furnishing full details of analysis reports and action plans for environmental protection.
21	General	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions.	Noted. Six monthly reports regarding the implementation of the stipulated conditions have regularly been submitted to regional MoEF&CC office for all EC & CRZ Clearance obtained for the Kochi LNG Terminal project
22	General	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	PLL will comply with additional conditions, if any suggested by the ministry or any other competent authority in writing.
23	General	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted. PLL will abide by all Environment clearance conditions.

24	General	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Noted.
25	General	The project proponents 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 land development work.	Site appraisal clearance obtained on 28 <sup>th</sup> Feb 2011. No separate land developmental work was required, as this involved only augmentation of equipment in the same land.
26	General	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	PLL has written letter to concerned Gram Panchayat vide letter no. PLL/Kochi/MoEF/GP/2013/001 dated 07 <sup>th</sup> March-2013; A copy of the letter has already been submitted with six monthly compliance reports dated 05 <sup>th</sup> April-2013.
27	General	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tahsildar's office for 30 days.	Action already taken by Kerala State Pollution control board (KSPCB).
28	General	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted.
29	General	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted. Copies of all relevant approvals/NOCs have already been submitted along with the six-monthly compliance reports dated 05 <sup>th</sup> April-2013.



30	General	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the Kerala Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bengaluru.	PLL had advertised regarding environmental clearance accorded by the Ministry of Environment & Forest in two local newspapers widely circulated in the region around the project.  Copy of the advertisement given in the two local newspapers has already been submitted along with the six-monthly compliance report dated 30 <sup>th</sup> September-2013.
31	General	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted.
32	General	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Status of the compliance, of various stipulated environmental conditions and environmental safeguards are uploaded in PLL's website.
33	General	Any appeal against this 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.	Noted.
34	General	A copy of the clearance letter shall be sent by the proponent to concern 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. The clearance letter shall also be put on the website of the company by the proponent.	PLL has written letter to concerned Gram Panchayat vide letter no. PLL/Kochi/MoEF/GP/2013/001 dated 7th March-2013, we have already submitted a copy of the letter with six monthly compliance report dated 5th April 2013. Clearance letters are uploaded on to petronet website.



35	General	The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Status of compliance reports are being regularly updated by Petronet on its website, www.petronetlng.in
36	General	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted.
37	General	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 Clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We have uploaded Form-V (Environment Statement) along with the status of compliance of clearance conditions in our company's website. Compliance of the clearance conditions is regularly sent to MoEF&CC's regional office by e-mail. The latest Form-V (Environment Statement) for the period of FY 2020-21 was submitted along with compliance report dated 30.11.2022.

Thanking You,

With Regards

*Y Reddy*  
31-5-22



**Yogananda Reddy**

Chief General Manager & Vice President (Plant Head)

# CSR Updates @Kochi



PETRONET  
LIMITED



Annexure I

[www.petronetng.in](http://www.petronetng.in)

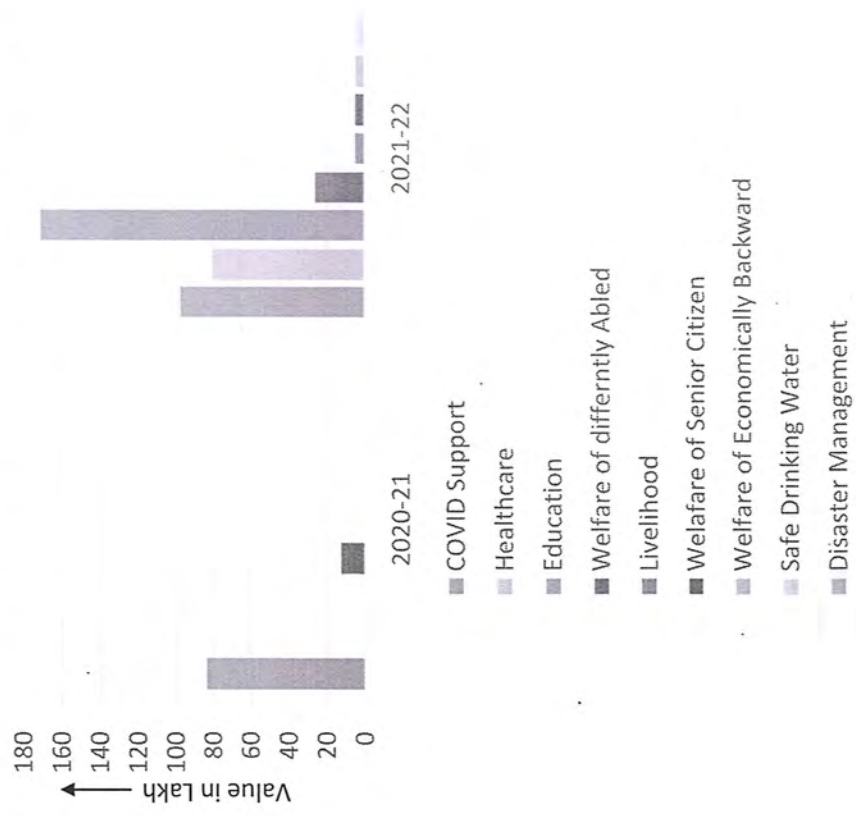




# Expenditure Data

Thematic Area	FY 2020-21 (in INR)	FY 2021-22 (in INR)
Health Care	83,56,035.00	97,61,494.00
COVID Support		80,79,508.00
Other		1,70,84,000.00
Education		26,14,173.00
Welfare of differently abled People	12,40,000.00	5,00,000.00
Livelihood		4,97,620.00
Welfare of senior citizens		4,78,863.00
Welfare of Economically Backward		4,75,686.00
Safe drinking water facility		20,500.00
Disaster Management		

CSR Expenditure FY 2020-21 Vs FY 2021-22

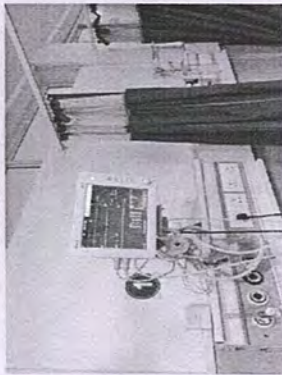




# COVID Support



PETRONET  
LNG  
LIMITED



## THE HINDU

### 4,013 new COVID-19 cases in Ernakulam

COCHIN, INDIA (HINDU) 15, 2022 2:02 PM  
UPDATED: JANUARY 15, 2022 2:02 PM

SPECIAL CORRESPONDENT

#### TPR is an alarming 40.7%

As many as 4,013 people tested positive for SARS-CoV-2 in Ernakulam district on Tuesday and the test positivity rate is an alarming 40.7%.

The district now has a total of 21,013 COVID-19 patients. On Tuesday, 2,468 patients tested negative, registering recovery. A fresh batch of 9,858 samples were sent for testing on Tuesday.

#### Aid for hospital

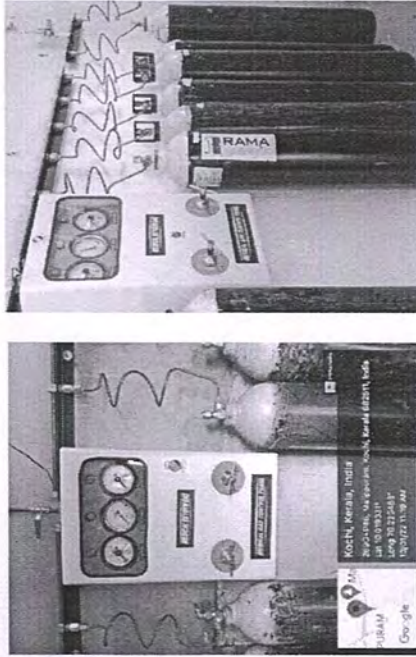
Meanwhile, Petronet LNG Ltd provided about 848.0 lakh from its corporate social responsibility fund towards setting up facilities for COVID-19 treatment at the Government General Hospital, Ernakulam.

The fund was used to buy multipara, incubator, B level ventilator and humidifier required for ICU beds, according to an official release.

The project was executed by the National Health Missions.

Source: <https://www.thehindu.com/news/national/kerala/4013-new-covid-19-cases-in-ernakulam/article67828331.ece>

Making ICU facilities for 14 beds (Multipara Monitor, Bi Level ventilator, Humidifier) in Ernakulam General Hospital, in association with National Health Mission, Ernakulam.



Medical Gas Pipeline Systems in association National Health Mission, Ernakulam installed at THQH, Perumbavoor, THQH Paravur, TH Piravom and CHC Malipuram.



Support for Providing Free COVID Vaccine for BPL Card Holders in Puthuvype and Nearby Areas organized on 28.09.2021 and 29.09.2021 in association with IMA, Cochin.

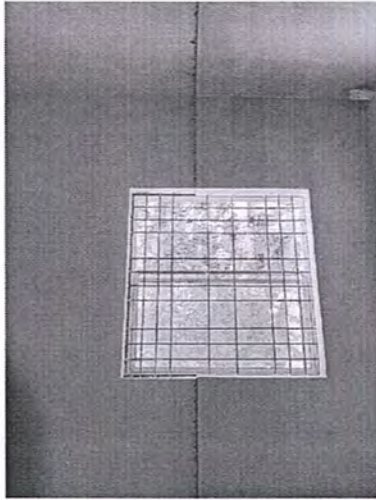




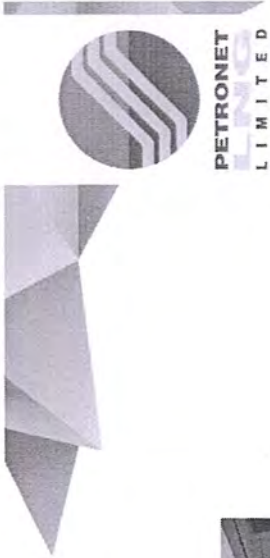
# Healthcare



Mobile Medical Van for Vypin area in association with M/s Wockhardt Foundation



With support of PLL, Nayarambalam Grama Panchayat constructed new "Pay Ward Block" at Government Ayurveda Hospital, Nayarambalam to ensure effective and hygienic treatment for critically ill and bedridden patients.





# Education

## NAIPUYUM-Skill development program in association with CIPET



**PETRONET  
LNG  
LIMITED**



Valedictory function of 'Naipunyam' (2020-21) Vocational skill Development programme for underprivileged youth in Kerala was held on 12<sup>th</sup> October, 2021 in presence of Shri Bhagwant Khuba, Honorable Minister of State for Chemical and Fertilizer, Government Of India. Project is successfully completed with all time high placement of 99%.

**ഭക്ഷ്യത്തൽ ക്ഷുതൽ സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങും - കേരള മന്ത്രി ഭഗവന്ത് ഖുബ**

എല്ലാ രാജ്യത്തൽ ക്ഷുതൽ സൗകര്യങ്ങൾ ഉറപ്പാക്കുന്നതിനായി 3000 രൂപയിൽ കേരള സർക്കാർ 1000 കോടി രൂപയിൽ സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങും. കേരള മന്ത്രി ഭഗവന്ത് ഖുബ്, സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങുന്നതിൽ സഹായം ചെയ്യും.

മുഖ്യമന്ത്രിയുടെ നേതൃത്വത്തിൽ സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങുന്നതിൽ സഹായം ചെയ്യും. സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങുന്നതിൽ സഹായം ചെയ്യും. സിരക്ടർ ഇൻസിറ്റുട്ടുകൾ തുടങ്ങുന്നതിൽ സഹായം ചെയ്യും.



Memorandum of Agreement signed between CIPET: Institute of Plastics Technology and Petronet LNG Limited (PLL) towards 'Naipunyam' (2021-22) Vocational Skill Development Programme. Candidate pooling and selection process carried out from 23<sup>rd</sup> March to 31<sup>st</sup> March 2020 by CIPET. 425 students shortlisted out of which 200 will be selected for the course.



# Education



Discussion with Sri. Jeter Mathias (District Collector, Ernakulam), DDE, DEOs and other officials of Prathyusha Project.

Ernakulam District Administration  
District Education Department  
Enskool

**Ernakulam District Prathyusha NMMS 3rd Revision test**

**Star Performers**

- 1st Rank: JAYAN NIVAS
- 2nd Rank: ASHWIN MARIYA
- 3rd Rank: ASHWINI
- 4th Rank: ASHWINI
- 5th Rank: ASHWINI
- 6th Rank: ASHWINI
- 7th Rank: ASHWINI
- 8th Rank: ASHWINI
- 9th Rank: ASHWINI
- 10th Rank: ASHWINI

**Congratulations**

Ernakulam District Administration  
District Education Department  
Enskool

**Ernakulam District Prathyusha NMMS 1st Revision Test**

**STAR PERFORMERS**

- 1st Rank: DEVIKA A.C.
- 2nd Rank: HARSHITHA
- 3rd Rank: HARSHITHA
- 4th Rank: HARSHITHA
- 5th Rank: HARSHITHA
- 6th Rank: HARSHITHA
- 7th Rank: HARSHITHA
- 8th Rank: HARSHITHA
- 9th Rank: HARSHITHA
- 10th Rank: HARSHITHA

**Congratulations!**

Ernakulam District Administration  
District Education Department  
Enskool

**Ernakulam District Prathyusha NMMS 2nd Revision test**

**Star Performers**

- 1st Rank: HARSHITHA
- 2nd Rank: HARSHITHA
- 3rd Rank: HARSHITHA
- 4th Rank: HARSHITHA
- 5th Rank: HARSHITHA
- 6th Rank: HARSHITHA
- 7th Rank: HARSHITHA
- 8th Rank: HARSHITHA
- 9th Rank: HARSHITHA
- 10th Rank: HARSHITHA

**Congratulations**

Ernakulam District Administration  
District Education Department  
Enskool

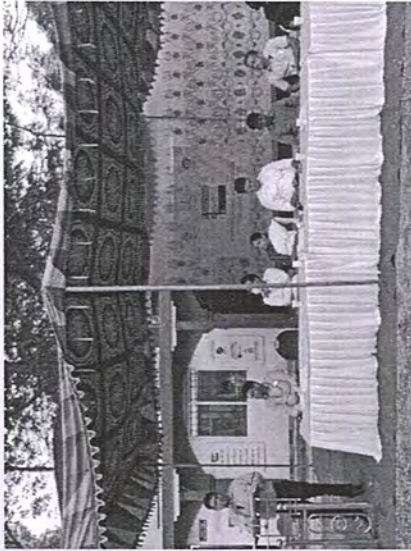
Support for NMMS Scholarship Guidance Program for Beneficiaries in Ernakulam District, with focus on SC/ST and PWDs in association with Enskool, Ernakulam District Administration and District Education Department.



Support for providing Laboratory Equipment to 20 Government Higher Secondary Schools through District Panchayat, Ernakulam. Equipment related to Science, Mathematics and Social Science worth INR 25,000 were given to 20 Government school. Inauguration was held on 26-03-2022 in presence of Sri. Ullas Thomas (President, District Panchayat) and Smt. Shiny George (Vice President, District Panchayat).



# Welfare of Migrant Labour



## City hosts country's first migrant welfare office

It will serve as single window facility for the large migrant community in district

**SPECIAL CORRESPONDENT**  
 Running around different of-  
 fices for their various needs  
 has been a major headache for  
 the migrant workers in the  
 district.  
 The first-time Migrant  
 Welfare Office (MWO) has  
 been inaugurated at the civ-  
 il station on Thursday, will  
 serve as a single window fa-  
 cility named 'Aithi Devo  
 Bhava'.  
 The office shares the  
 name with a migrant welfare  
 project that was launched in  
 2017 under the Ernakulam  
 unit of the National Health  
 Authority (NHA) in associa-  
 tion with the Central Health  
 Schools and Social Innovation  
 Trust Institute of Social  
 Work, Ernakulam.  
 The welfare office has been  
 set up jointly by the district  
 administration, District Le-  
 gal Services Authority, and  
 the Ernakulam Migrant Welfare  
 Society.  
 Mr. Rajan said that the go-  
 vernment was committed to  
 providing a single window fa-  
 cility for the migrant work-  
 ers, who played a critical role in reconstruct-  
 ing the State. Being the first  
 of its kind initiative, he  
 pledged all assistance to the  
 office.  
**Data collection**  
 The Minister directed the of-  
 fice to collect data of mi-  
 grant workers and maintain a reg-  
 ister.  
 Special awareness cam-  
 paigns would be held in this  
 regard, including under the  
 joint aegis of the Local Self-  
 Government and Labour De-  
 partment.  
 The project has been im-  
 plemented after extensive  
 groundwork, identifying the  
 needs and problems of the  
 migrant community. The of-  
 fice will serve as the link be-  
 tween the migrants and the  
 government. The office has  
 been drafted into the force  
 till now.  
 K.E. Nisar Ahamed, mem-  
 ber secretary of the Kerala  
 Migrant Welfare Society, said  
 that the office would be a  
 boon for the migrants. Addi-  
 tional District Judge  
 was the chief guest. District  
 Legal Services Authority  
 officer, District Collector, and  
 various representatives of the  
 migrant community were  
 present.  
 The welfare office has  
 been set up on the bank of  
 the river. The office will be  
 under the command of the  
 District Collector, Ernakulam.  
 The project will be part of the  
 initiative of the Government of  
 Kerala.

THE HINDU  
 FRIDAY, APRIL 1, 2022



**PETRONET  
 LIMITED**

Support for setting up India's First Migrant Welfare Office named 'Aithi devo Bhava' at Civil Station, Ernakulam. This project was initiated by NHM for migrant workers of district in association with District Legal Service Society (DLSS) and District Administration to provide holistic welfare system to migrants by coordinating with respective departments. Inauguration was held on 31<sup>st</sup> March 2022 in presence of Shri K Rajan, Minister for Revenue and Land, Shri Jaffar Malik, District Collector of Ernakulam and other department officials.



## Disaster Management



Completed project of 'Gandhi Smarak Grama Seva Kendram (GSGSK), Paravur'



PETRONET  
LIMITED

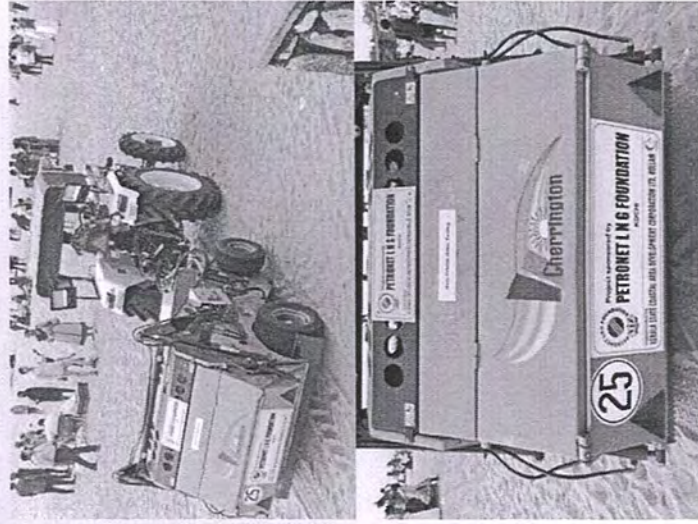




# Conservation of Natural Resources



**PETRONET  
LIMITED**

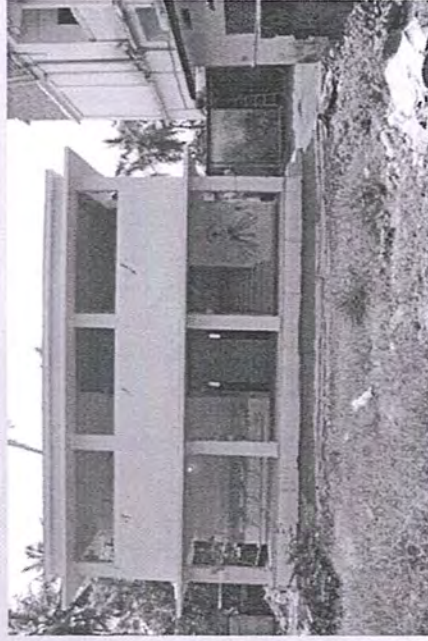


Inauguration of Beach Cleaning Surf Rake at Kollam Beach in presence of Shri Mukesh (MLA, Kollam), Smt. Prasanna Ernest (Mayor, Kollam), Shri Yogananda Reddy (CGM & VP (Plant Head), PLL), Shri Sheikh Pareeth IAS (MD, KSCADC) held on 19- Dec-2021.





## Sanitation



Inauguration of Toilet complex at SDPY school, Edavanakad,  
Vypin held on 23-Dec-2021



**PETRONET  
LIMITED**

## Environmental Sustainability

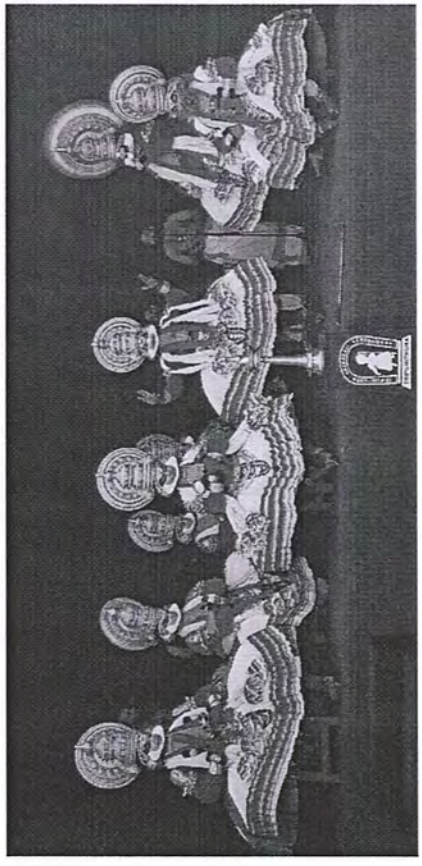


SOILLESS GARDEN at 3 MEDIANS OF KMRL





# Promotion of Arts

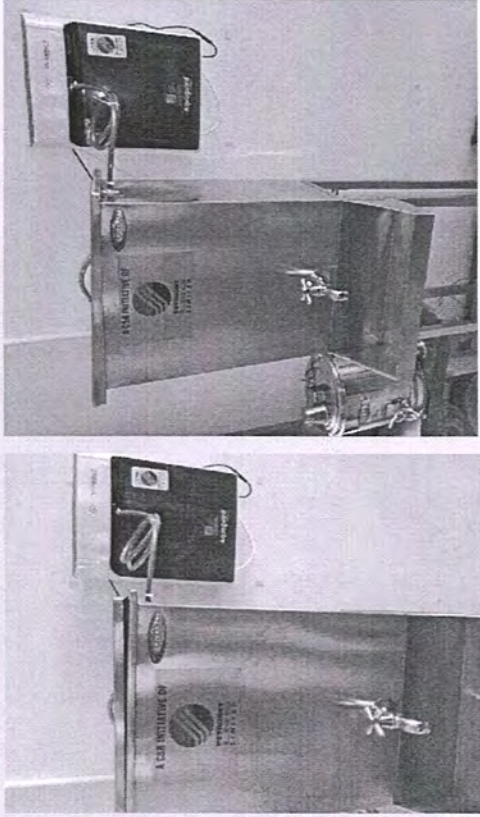


Lighting of lamp ceremony by CGM&VP(Plant Head)/Director(PLF) for final program of project "Promotion of Kathakali through Thripunithura Kathakali Kendram" in presence of Shri. K. Babu, MLA, Thripunithura



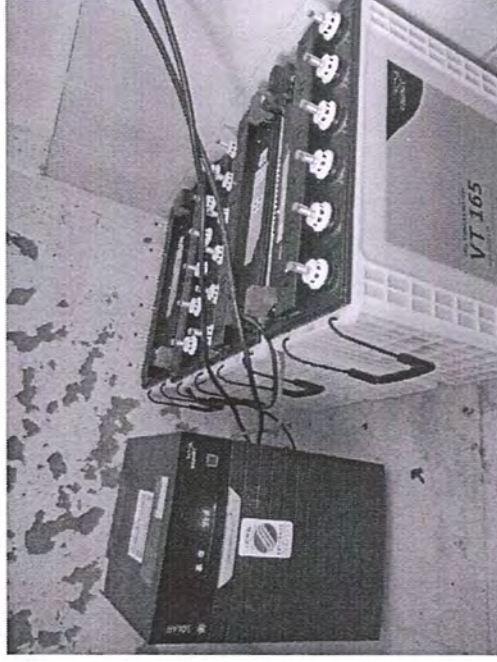


## Safe Drinking Water Facility



Support for installation of Safe Drinking Water Facility at 11 Government Schools Vypin area. This includes water purifier, steel tanks and AMC for three years after initial warrantee period.

## Welfare of Senior Citizens



Support for Government Old Age Home & Full-Time Dementia Center at Vypin by providing Inverter and Water Purifier. It is country's lone full-time dementia care center in the government sector with strength to accommodate 25 people. Current strength at home is 17 (14 dementia and 3 old age patients). Installation works for adult diaper incinerator is in progress.



T H A N K S

## Corporate Social Responsibility

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PETRONET  
LIMITED

**“WE RISE BY LIFTING OTHERS”**

<b>CSR EXPENSES - Till March 2022</b>		
<b>Sl. No</b>	<b>FY</b>	<b>Total CSR Expenditure ( Lakhs)</b>
1	2013-14	2,54,57,793.00
2	2014-15	1,60,08,694.00
3	2015-16	2,23,01,262.00
4	2016-17	1,68,26,007.00
5	2017-18	78,24,860.00
6	2018-19	1,91,45,429.00
7	2019-20	1,53,44,487.00
8	2020-21	2,14,69,603.00
9	2021-22	3,95,48,144.00
<b>TOTAL</b>		<b>18,39,26,279.00</b>

### CSR Expenditure - Petronet LNG Limited, Kochi Terminal (FY 2021-22)

Sl.No	Project Details	Category	Project Location	Approved/ Committed (including taxes) in INR	Payment done (INR lakh)
1	Urgent Financial Support for Providing Free Covid Vaccine for BPL Card Holders in Puthuvype and Nearby Areas	Health Care	Puthuvype	5,24,790.00	5,24,790.00
2	Support for NMMS Scholarship Guidance Program for Beneficiaries in Ernakulam District, with focus on SC/ST and PWDs	Education	Ernakulam	3,86,000.00	3,86,000.00
3	Support for providing safe drinking water facility for Government schools in Vypin Area	Safe Drinking Water	Vypin	4,75,686.00	4,75,686.00
4	Support for providing Laboratory Equipment to 20 Government school in Ernakulam District	Education	Ernakulam	5,00,000.00	5,00,000.00
5	Support for Setting up India's First Migrant Welfare Office at Civil Station, Ernakulam.	Migrant Welfare	Ernakulam	4,78,863.00	4,70,166.05
6	Support towards Installation of Incinerator, Inverter and Water Purifier at Government Old Age Home & Full-Time Dementia Center, Edavanakkad, Vypin.	Welfare of Senior Citizen	Edavanakkad, Vypin	4,97,620.00	1,37,720.00
7	Support towards "Project Ganitham" - Mathematics guidance initiative aimed for 25000 high school students of Kerala.	Education	Kerala	2,98,000.00	Nil
8	Livelihood Project for Differently abled Students of Vypin through Kudumbashree Mission	Livelihood Project	Vypin	5,00,000.00	Nil
9	Support towards Civil Maintenance Works at Government Vocational Higher Secondary School, Odakkali.	Education	Odakkali	5,00,000.00	Nil
10	Support for Providing Portable Water Pump for Fire & Rescue Station, Vypin.	Disaster Management	Vypin	20,500.00	20,500.00
11	Elevator and Allied Works at 'Sukarma Vikas Kendra' - a project of SEVA BHARATHI (Location- Sukarma Vikas Kendra, Angamaly, Ernakulam)	Welfare of differently abled	Angamaly	26,14,173.00	6,80,454.00
12	Upgrading existing Emergency/Casualty Centre to Level - III Trauma Care in Indira Gandhi Co-Operative Hospital, Kadavanthara, Kochi	Health Care	Kadavanthara, Ernakulam	49,91,018.00	49,54,718.00
13	Naipunyam" - Skill Development Training Programme for 200 Youths	Education	Kerala	1,54,00,000.00	Nil
14	Installation of centralized oxygen supply system in 7 Government Healthcare Institutions in Ernakulam District	Health Care	N. Paravur, Perumbavoor, Malipuram and Piravom	45,11,494.00	26,12,523.00
15	Providing medical equipment for 14 ICU beds in Ernakulam General Hospital	Health Care	Ernakulam	52,50,000.00	47,90,790
16	Construction of New pay ward block for Government Ayurveda hospital, Nayarambalam	Health Care	Nayarambalam	26,00,000.00	24,04,895.00
<b>Total</b>				<b>3,95,48,144.00</b>	



<b>ENVIRONMENT BUDGET - FY 2021-22</b>			
<b>Sl. No</b>	<b>Item</b>	<b>Amount (RS.)</b>	<b>Remark</b>
1	Environment Monitoring charges	229146	
2	Consent fees to Pollution Control board	5,25,000	
3	Kitchen garden maintenance charges	10000	
4	Horticulture and green Belt development &	6721666	
5	CSR expenditure for FY 2021-22	3,95,48,144	
6	World Environment Day Celebration	1,00,000	
7	IMS Annual surveillance audit (ISO14001)	50,000	
8	Hazardous waste disposal charges	100000	
9	Maintenance charges for CAAQMS (Continuous Ambient Air Quality Monitoring Station)	250160	
10	Maintenance charges for Environment statistics LED display	191000	
12	STP Maintenance charges	632756	
<b>Total ( Four Crore Eighty Three Lakhs Fifty Seven Thousand Eigh hundred &amp; Seventy Two only)</b>		<b>48357872</b>	

**TEST REPORT**


<b>ULR No: TC540221000006579F</b>		
LRI No:SEAAL21120322A	Date: 13-12-2021	Page 1 of 2

CUSTOMER DETAILS	
Customer Name & Address	<b>M/s Petronet LNG Limited</b> Survey No.347, Puthuvypu P.O Kochi , Ernakulam District
Customer Reference	Test Request dt 06-12-2021


SAMPLE DETAILS			
Product Category	Water	Sample Code	WT21120012
Sample Name	Ground Water	Sample Received on	07-12-2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	5 litre & 100ml Plastic Bottle	Test Commenced on	08-12-2021
Sampled by	Lab Authorized Sampler	Test Completed on	13-12-2021
Information Provided by Customer	---		

DETAILS OF SAMPLING			
Sample Source	Piezometer Pump	Date of Sampling	06-12-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	32 °C

TEST RESULTS - CHEMICAL PARAMETERS				
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	pH	IS 3025 Part 11:1983 RA 2017	---	7.17
2	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	156
3	Turbidity	IS 3025 Part 10: 1984 RA 2017	NTU	2.20
4	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	5.03
5	Iron (as Fe)	IS 3025 Part 53:2003 RA 2014	mg/L	0.29
6	Fluoride(as F)	APHA 23 <sup>rd</sup> Edition 4500-F- B D: 2017	mg/L	0.21
7	Sulphate (as SO <sub>4</sub> )	IS 3025 Part 24:1986 RA 2014	mg/L	9.51
8	Electrical Conductivity	IS 3025 Part 14:1984 RA 2013	µS/cm	390
9	Mercury (as Hg)	APHA (23 <sup>rd</sup> Edition)3112-B: 2017	mg/L	< 0.002
10	Lead (as Pb)	APHA (23 <sup>rd</sup> Edition)3111-B: 2017	mg/L	<0.20

  
**Shency Joy**  
Dy. TM Chemical  
Checked by:



  
**Laiju P. N.**  
Laboratory Head  
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

**Standard<sup>S</sup> Environmental & Analytical Laboratories**

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017  
vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43  
Web: www.sealabs.in, E-mail: seaalab@gmail.com




**TEST REPORT**

<b>ULR No: TC540221000006579F</b>		
LRI No:SEAAL21120322A	Date: 13-12-2021	Page 2 of 2


<b>TEST RESULTS - CHEMICAL PARAMETERS</b>				
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT
11	Copper (as Cu)	IS 3025 Part 42:1992 RA 2014	mg/L	<0.05
12	Total Chromium (as Cr)	IS 3025(Part 52):2003	mg/L	<0.40
13	Zinc (as Zn)	APHA 3111B 23rd Edn, 2017	mg/L	0.03
14	Temperature	IS 3025 Part 9:1984 RA 2006	°C	31.7
15	Salinity	SEAAL/SOP/06	---	0.208
16	Oil & Grease	IS 3025 Part 39:1991 RA 2014	mg/L	<1.00
17	Dissolved Oxygen	IS 3025 Part 38:1989 RA 2014	mg/L	4.80
18	Biochemical Oxygen Demand (3 days at 27 °C)	IS 3025 Part 44:1993 RA 2014	mg/L	<2.00
19	Chemical Oxygen Demand	IS 3025 Part 58:2006 RA 2012	mg/L	120
20	Cyanide (as CN)	IS 3025 (Part-27):1986 (Reaff.2003)	mg/L	< 0.01
21	Cadmium (as Cd)	APHA (23 <sup>rd</sup> Edition) 3111-B: 2017	mg/L	< 0.03
22	Pesticide	SEAAL/INS/RWM/SOP/01	---	Absent

Note: Values given for test parameters Mercury, Lead, Copper, Chromium, Cyanide and Cadmium are our MDL values (Minimum Detectable Values) as per NABL scope.

\*\*\*End of Report\*\*\*

  
**Shency Joy**  
Dy. TM Chemical  
Checked by:



  
**Laiju P. N.**  
Laboratory Head  
Authorized Signatory

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

## TEST REPORT

Test Report No: SEAL21120322N	Date: 13-12-2021	Page 1 of 1
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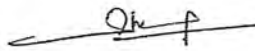
CUSTOMER DETAILS	
Customer Name & Address	M/s Petronet LNG Limited Survey No.347, Puthuvypu P.O Kochi , Ernakulam District
Customer Reference	Test Request dt 06-12-2021

SAMPLE DETAILS			
Product Category	Water	Sample Code	WT21120012
Sample Name	Ground Water	Sample Received on	07-12-2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	2 litre & 100ml Plastic Bottle	Test Commenced on	08-12-2021
Sampled by	Lab Authorized Sampler	Test Completed on	13-12-2021
Information Provided by Customer	---		


DETAILS OF SAMPLING			
Sample Source	Piezometer Pump	Date of Sampling	06-12-2021
Sampling Procedure	SEAL/ENL/GEN/SOP/01	Sample Temperature	32 °C

TEST RESULTS - CHEMICAL PARAMETERS				
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	Insecticide	USEPA 508 : 1995	---	Absent

\*\*\*End of Report\*\*\*

  
**Shency Joy**  
 Dy. TM Chemical  
 Checked by:



  
**Laiju K. A.**  
 Laboratory Head  
 Authorized Signatory

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