



Petronet LNG Limited

Survey No. 347, Puthuvypu P.O.

Kochi - 682 508, India.

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

www.petronetlng.com

CIN L74899DL1998PLC093073

PAN: AAACP8148D. GST: 32AAACP8148D1ZP

PLL/KOCHI/MOEF/2020-21/04

25th May, 2020

Additional Principal Chief Conservator of Forests (C)

Ministry of Environment, Forest and Climate Change,

Regional Office (SZ),

Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road,

Koramangala II Block,

Bangalore – 560034.

Sub: Compliance report to Environment Clearance for dredging for the purpose of creating an approach channel for LNG Import Terminal at Puhuvypu, Kochi

Ref: Environment Clearance No: J-16011/26/2001-IA-III vide your letters dated 16th November, 2010

Sir

The six monthly compliance report for the above clearance is attached for the period ending 31st March 2020.

Thanking You,

With Regards

Reddy
25.5.20



(Yogananda Reddy)

General Manager (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 to your order dated 16th November 2010 against Environment clearance J-16011/26/2001-IA-III for dredging for the purpose of creating an approach channel to LNG terminal at Puthuvypeen island, Kochi, Kerala for the period October 2019 to March 2020.

SPECIFIC CONDITIONS:

- i. The total quantity of the dredged material of 35,00,000 cu.m shall be dumped at the specified offshore dumping site of Cochin Port at outer sea, about 15.6 km from the shore.
The dredging work has been completed. Material were dumped as per above direction.
- ii. The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed. The fishermen shall be suitably educated and informed about the traffic guidelines.
The approach channel has been clearly marked with lighted buoys in association with Cochin Port. Cochin port trust provides Vessel Traffic Management Service (VTMS) to all vessels within port area.
- iii. The material dredged by cutter suction dredger will be used for land development work and for beach nourishment approved by Cochin Port Trust. Dredged material from Trailer Suction Dredger will be dumped at the specified offshore dumping site of Cochin Port at outer sea, about 15.6 km from the shore.
The materials dredged from Cutter suction Dredger were dumped on the western side of the terminal as per the instruction of Cochin Port Trust; this area has been allocated by Cochin Port Trust for dumping.
The Dredged materials from Trailer Suction Dredger were dumped at the designated dumping site of Cochin Port at outer sea, about 15.6 km from the shore.
- iv. The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
PLL has set up Environment Management Cell under General Manager (Plant Head), other members of the team includes Head of Operation department, C&P (Contracts & Procurement) department, Technical department, HSE department, Civil Department, Lab operation & a representative from HR department for effective implementing the stipulated environment safeguards. The SOP of the Environment Management Cell was revised on 23/04/2018 and the copy of the same has already been submitted along with the six monthly compliance report for the period ending March-2018.
- v. The project proponent shall take up mangrove plantation/green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.
In FY 2014-2015 Petronet LNG Ltd, Kochi, arrived at an agreement with Kerala State Social Forestry for a mangrove afforestation project in Ernakulum district, the total cost of the project is 71.05 lakhs. Till date, Petronet LNG Limited have already transfer fund of Rs.60.00 lakh for the Mangrove Afforestation Project which is entitled "Project for Mangrove afforestation in Ernakulam district" All details with regard to this project has already been submitted along with six monthly compliance report dated 03th March-2015. Progress report was

submitted along with the compliance report dated March - 2019 and latest progress report is attached here with this report as Annexure # 1.

PLL has also developed green belt along the periphery boundary wall. Green belt is about 10.48% of total area of our site.

- vi. The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purpose.

Budget allocated for environment safeguard will not be diverted for other purposes.

GENERAL CONDITIONS:

- i. Adequate provision for infrastructure facilities including water supply fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid damage to the environment.

We have completed the construction and commissioning of our plant. During both the phases, adequate provisions were provided to the workers in order to avoid any damage to the environment.

- ii. 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, Bengaluru and the officers of the Central and State Pollution Control Board during the inspection for monitoring purpose by furnishing full details and action plans including the action taken reports in respect of mitigate measures and other environmental protection activities.

- iii. 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.

PLL is submitting required six monthly monitoring reports to the Regional Office of MoEF, Bengaluru.

- iv. 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.

- v. The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.

PLL is aware about the rights of the ministry and have noted this condition.

- vi. 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.

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 in the project.

- vii. 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.

PLL had already 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 Sept-2008, from Director (Technical) addressed to Additional Director, MoEF, Delhi and copy marked to regional officer.

- viii. A copy of the clearance letter shall be marked to concern Panchayat/Local NGO, if any, from whom any suggestion/representation has been made, received while processing the proposal.

No specific suggestion/representation has been made/ received from any authority while processing the proposal.

- ix. Kerala 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 need to be taken by State Pollution control board.

Thanking You,

With Regards

(Yogananda Reddy)

General Manager (Plant Head)



Date: 05.03.2020

Report on Mangrove Afforestation carried out by Petronet LNG Limited in collaboration with Social Forestry, Ernakulam Division in a land owned by Cochin port trust at Wellington Island for financial year 2018-2019

- Mangrove afforestation has been done in collaboration with Social Forestry, Ernakulam Division. The project was funded by Petronet LNG Limited & developed by Social Forestry Division, Ernakulam.
- A cheque for an amount of Rs. 1500000/- handed over to Assistant Conservator of forest along with a letter vide No: PLL/KOCHI/Social Forestry/2018-19/02, dated 28.01.2019 for the mangrove afforestation project in the land allotted by M/s. Cochin Port Trust to Social Forestry division, Ernakulam.
- 15000 saplings were raised in the nursery located at Malippuram Village in Ernakulam district for planting and out of that 14700 seedlings were planted in the CPT area and balance 300 seedlings were distributed to various educational institutions.
- Planting was scheduled to complete in the month of August 2019, however, due to heavy rain the plantation site was filled with water and was inaccessible and so the planting was delayed and rescheduled to November 2019.
- Environment Management cell of Petronet LNG Limited carried out two inspections at mangrove nursery and plantation site on 18.03.2019, 06.08.2019 & 30.01.2020, which was coordinated by Social Forestry, Ernakulam Division.

1. Project Activities:

Sl. No	Description	Annexures
1	Request received from M/s. Cochin Port Trust to Social Forestry division, Ernakulam on 11.07.2018 for developing mangroves in 2.5 Ha of their land in Wellington island for obtaining Environmental Clearance for the proposed redeveloped activities.	Letter attached as Annexure -1
2	Social Forestry division had forwarded a letter on 11.12.2018 to PLL for allocating fund for the proposed project upon request initiated by PLL for undertanking this project.	Letter Attached Annexure -2
3	A cheque for an amount, Rs. 1500000/- handed over by PLL to Assistant Conservator on 28.01.2019 for developing mangorves in CPT land.	Letter Attched as Annexue -3
3	Development of saplings were started by Social Forestry division in their nursery located in Malippuram, Village, Ernakulam.	
4	Mangrove plantation was completed in the month of November-2019, two months later than the schedule due to heavy rain.	
5	Inspection carried out PLL Environment Management Cell (EMC) along with Social Forestry Officials at mangrove nursery and plantation site on 18.03.2019, 06.08.2019 & 30.01.2020.	

2. Photographs:

1. Cheque for an amount Rs. 1500000/- (Fifteen lakh) Handed over by Mr. J Ravichandran (Head – HSE, Petronet LNG Limited) to Mr. Anas (Assistant Conservator of Forest) on 28.01.2019.



2. Nursery & plantation site inspection carried out PLL EMC along with Social Forestry officials on 18.03.2019





3. Nursery inspection carried out by PLL EMC along with Social Forestry officials on 06.08.2019





4. Inspection carried out by PLL EMC along with social forestry officials at mangrove afforestation site on 30.01.2020



KERALA FOREST DEPARTMENT

SOCIAL FORESTRY DIVISION ERNAKULAM
ERNAKULAM RANGE

MANGROVE PLANTATION

NUMBER OF SEEDLINGS PLANTED - 14700

YEAR 2019 - 20

Funded by:
Petronet LNG Limited

PLACE :

**COCHIN PORTRUST LAND
WELLINGTON ISLAND**



3. Project Expense Report submitted by Social Forestry, Ernakulam Division:

Social Forestry Division, Ernakulam

Progress report of project on mangrove afforestation in Ernakulam District

Amount deposited in account: 15 lakh

Expenditure upto 10/02/2020: 1292266

Balance : 207734

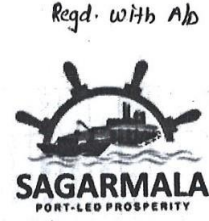
Sl. No.	Name of work	Quantity	Expenditure amount
1	Cost of seeds, raising of basketted seedlings & 2nd year mtce. of seedlings planted	15000	177941
2	Extension Activities including planting of mangroves(out of 15000 seedlings ,300 Nos were distributed to various educational institutions)	14700	905000
3	Habitat improvement Programme	1 No	16820
4	General awareness & extension activities	3No	54090
5	Overhead expenses	TA of staff and other office expenses	97033
6	Entrypoint activities giving awareness to public for afforestation programme(nursery album)		41382
	Total		1292266



ANAZ.MA *Anaz.MA*
Assistant Conservator of Forests
Social Forestry, Ernakulam



कोच्चिन पोर्ट ट्रस्ट
COCHIN PORT TRUST
मुख्य अभियंता कार्यालय
CHIEF ENGINEER'S OFFICE
कोच्चिन/Cochin - 682009



No. T1/Mangrove. Affn./2018-C/244 & (w)

Dated: 11/07/2018

TO,

Assistant Conservator of Forests,
Social Forestry,
Edappally,
Ernakulam

Sir,

SUB : Environmental clearance for the proposed Re development activities of
Cochin Port at W/Island compensatory mangrove afforestation - reg:

As part of obtaining Environmental Clearance for the proposed Re-development activities of Cochin Port at W/Island, CoPT proposes to develop mangrove afforestation in 2.5 ha. of port area in W/Island. A sketch showing the location of the area is enclosed.

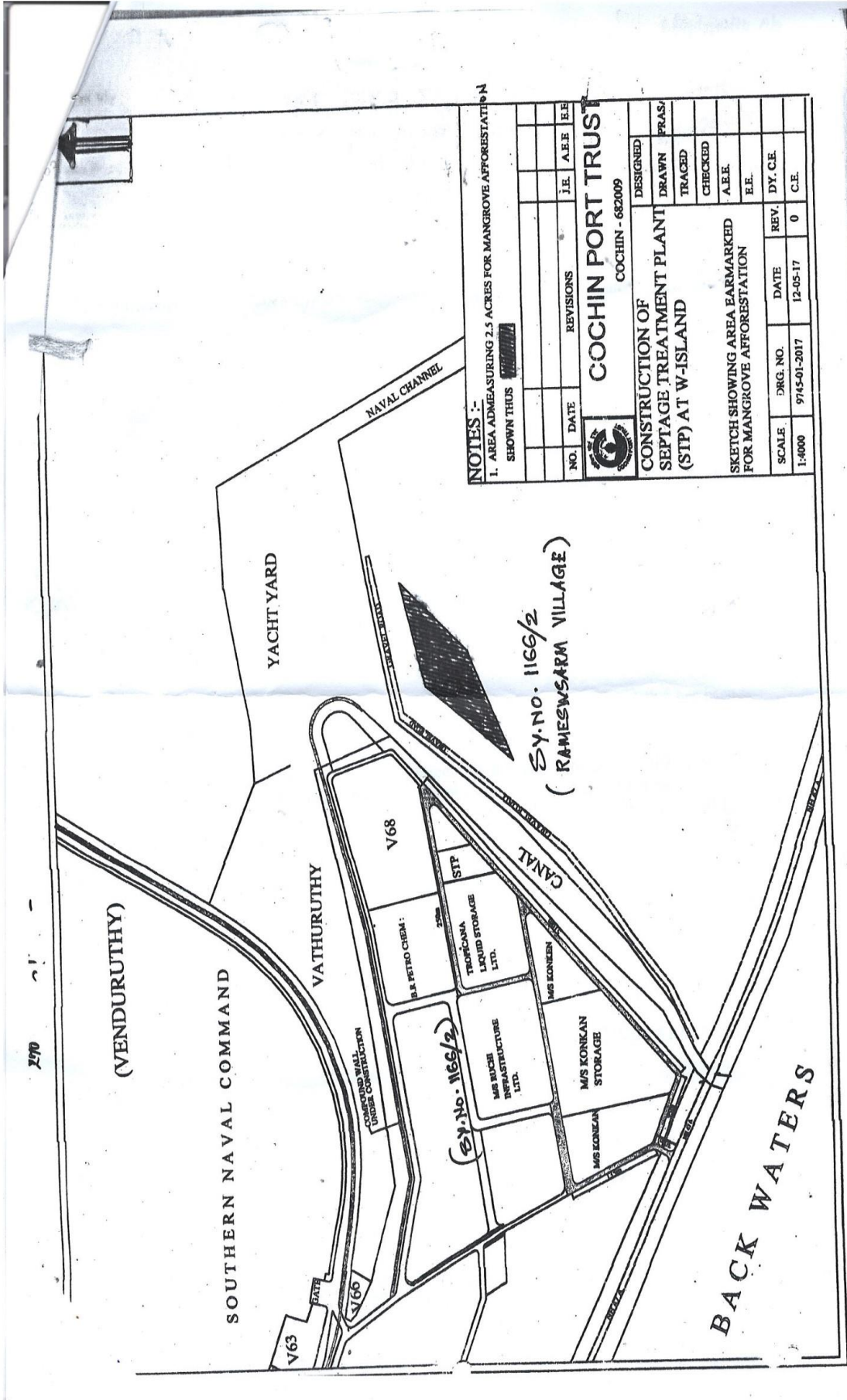
In this context, a site visit at the proposed location for mangrove afforestation has been conducted by your representative, Sri. Sudheesh alongwith our Horticulturist, on 02/07/2018.

It is understood that, the Forest department is agreeable to take up the work of development mangrove afforestation for government organisations. Hence it is requested that the work of development of mangrove afforestation in 2.5 ha. of port area at W/Island may be taken up by the Forest department at your cost. It is also requested to submit a formal offer letter indicating the terms and conditions if any, for undertaking the work, at the earliest, for processing the matter further.

Encl: As above.

Yours faithfully,


CHIEF ENGINEER



NOTES :-

1. AREA MEASURING 2.5 ACRES FOR MANGROVE AFFORESTATION SHOWN THUS

NO.	DATE	REVISIONS	I.E.	A.E.E.	E.E.

COCHIN PORT TRUST
COCHIN - 682009

DESIGNED	DRAWN	PRAS.

CONSTRUCTION OF SEPTAGE TREATMENT PLANT (STP) AT W-ISLAND	SKETCH SHOWING AREA EARMARKED FOR MANGROVE AFFORESTATION

SCALE	DRG. NO.	DATE	REV.	DY. CE.	C.E.
1:4000	9745-01-2017	12-05-17	0		

No. E2-461/18

Office of Assistant Conservator of Forests
Social Forestry Division, Ernakulam
Manimala Road, Edappally
Ph:0484 2344761
Email: acf.sf-ekm.for@kerala.gov.in

Date: 11..12..2018

From

Assistant Conservator of Forests
Social Forestry
Ernakulam.

To

The Vice President (O & M)
Petronet LNG Limited

Sir,

Sub: Project on mangrove afforestation in Ernakulam
District - reg.

Ref: (1) That office letter No. PLL/KOCHI/HSE/13-14/C2

(2) That office letter No. PLL/KOCHI/Social Forestry/
2018-19/01 dt. 09.10.2018.

Please see the subject cited. M/s. Cochin Port Trust has shown willingness for mangrove afforestation in their area and to take up the planting in the next year, nursery and allied activities have to be planned now. The fund allotted in the last financial year had been exhausted and to take up the obligatory maintenance and other activities committed in the project, ₹25.0 lakhs may please be released.

Yours faithfully,



Assistant Conservator of Forests



Petronet LNG Limited

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CIN L74899DL1998PLC093073
PAN: AAACP8148D. GST: 32AAACP8148D1ZP

No: PLL/KOCHI/Social Forestry/2018-19/02

28th January, 2019

To,
The Assistant Conservator of Forests,
Social Forestry Divisional Office,
Manimala Road,
Edappally P.O.,
Ernakulam-682024.

Dear Sir,

Sub: Mangrove Plantation on CPT Land.
Ref: (i) Our letter with No. PLL/KOCHI/Social Forestry/2018-19/01, dated 09.10.2018
(ii) Your letter with No. E2-461/18, dated 11.12.2018.

We are hereby submitting the cheque of Rs 15, 00,000/- (Rupees Fifteen Lakh only) to Assistant Conservator of forest (Social Forestry), Ernakulam, for the "Project on Mangrove Afforestation in Ernakulam District on the land allotted by M/s Cochin Port Trust to social forestry" for the financial year 2018-19. Details of the cheque are as given below,

Bank: HDFC, Cheque No. 002009, dated 14.01.2019.

Thanking You

Best Regards

T.N. Neelakantan
Sr. Vice President (Plant Head)



T. N. NEELAKANTAN
Sr. Vice President (Plant Head)
Petronet LNG Limited
Survey No. 347, Puthuyypu PO
Kochi-682 508, Dist. Ernakulam
Kerala (India)

Received
28/1/19.



Regd. 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:
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Taluka: Vagra, Dist. Bharuch - 392130 (Gujarat)
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SESHASANI/CTS-2010051018

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Valid for 3 months only

Pay STSB A/c No 19, Assistant Conservator of Forests (Social Forestry) Graduate Or Bearer
या धारक को

Rupees रुपये Fifteen Lakh only

अवा करें ₹ 15,00,000/-

A/c No. 00030350007831 Brn: 0003 Pdt: 035
खाता नं. C/A

Payable at par through clearing/transfer at all branches of HDFC BANK LTD

For PETRONET LNG LIMITED



V. Srinivasulu
Authorized Signatories
Please sign above / कृपया यहाँ हस्ताक्षर करें

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