

KPP/ENV/MoEF&CC/EC-CRZ /2024/01

Date:30.04.2024

To

**The Regional Officer, Integrated Regional Office (IRO),**  
Ministry of Environment, Forest & Climate Change (MoEF&CC),  
1<sup>st</sup> Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road,  
Nungambakkam, Chennai - 600006

**Subject:** Submission of Compliance Report by end of 31<sup>st</sup> March 2024 – Regarding

**Reference:**

Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009 and its amendment dated 05<sup>th</sup> August 2021), from Govt of India, Ministry of Environment, Forest and Climate Change

Respected Sir,

As per the conditions stipulated in Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009 and its amendment dated 05<sup>th</sup> August 2021), from Govt of India, Ministry of Environment, Forest and Climate Change IA.III Section (MOEF&CC, IA.III Section), herewith we are submitting the status of compliance reports including results of monitored data for the period of October 2023 to March 2024

Thanking you,

Yours faithfully,

  
(Muralidhar.B)

**Authorized Signatory**

Cc:

- **The Regional Director, CPCB Regional Directorate/Project Office, Second Floor, No.77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk, Thiruvallur District, Chennai 600 058**
- **The Member Secretary, Puducherry Pollution Control Committee (PPCC), Department of Science, Technology & Environment, 3rd Floor, PHB Building, Anna Nagar, Puducherry 605 005.**

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

**Registered Office**

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

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-Sd-

**(Muralidhar.B)**

**Authorized Signatory**

**KARAIKAL PORT PRIVATE LIMITED**  
**KARAIKAL DISTRICT, PUDUCHERRY U.T**

**Environmental and CRZ clearance for expansion of Karaikal Port  
(Phase II) at Puducherry by M/s. Karaikal Port Pvt. Ltd.**

**MoEF&CC EC letter of No. 10-42/2009-IA. III dated 22<sup>nd</sup>  
September, 2009 and its amendment dated 05<sup>th</sup> August 2021**

**Compliance Report for the Period of  
October 2023 to March 2024**

## Karaikal Port Private Limited- Six Monthly EC Compliance Report

### for the Period of October 2023 to March 2024

**Subject:** Environmental and CRZ clearance for expansion of Karaikal Port (Phase II) at Puducherry by M/s. Karaikal Port Pvt. Ltd.

**Reference:** MoEF&CC'sEC letter of No. 10-42/2009-IA. III dated 22<sup>nd</sup> September, 2009.

#### PART I

#### DATA SHEET

1	Project Type River valley / Mining / Industry / Thermal / Nuclear / Other Specify	:	Infrastructure Project – Port Operations
2	Name of the project	:	Environmental and CRZ Clearance for expansion of Karaikal Port (Phase II ) at Puducherry.
3	Clearance letter(s) / OM No. and dated	:	MoEF EC Letter No.10-42/2009-IA.III dated 22 <sup>nd</sup> Sep 2009 ; 03 <sup>rd</sup> Feb 2015 and 14 <sup>th</sup> May, 2018 & 05 <sup>th</sup> Aug, 2021.
4	<u>Locations</u>	:	
	a. Taluk(s) District	:	Karaikal Taluk and District
	b. State (s)	:	Puducherry
	c. Latitudes / Longitudes	:	10° 50' N and 79° 51' E
5	<u>Address of correspondence</u>		
	a. Address of concerned project Chief Engineer (with Pin Code & telephone / telex / fax numbers		Karaikal Port Pvt. Ltd., Keezhavanjore Village T.R.Pattinam 609606 Karaikal +91-4365 256600 Fax: +91-4365 256603
	b. Address of Executive Project Engineer/ Manager (with Pin Code/fax numbers)	:	Same as above.
6	<u>Salient features:</u>		
	a. of the project		Green field multi cargo , all weather Port Project

## Karaikal Port Private Limited- Six Monthly EC Compliance Report

### for the Period of October 2023 to March 2024

	<p>b. of the environmental management plans :</p>	<p>Port has Mechanized Coal Handling System which includes Ship Unloaders, Conveyors, Stacker cum Reclaimers, Wagon Loading &amp; Truck Loading Systems etc are in place and operational. This infrastructure helps in achieving efficient operations and in maintaining clean environment.</p> <p>Highly efficient water sprinkling/ spraying system for dust suppression have been installed to address the coal dust emission.</p> <p>Corrugated sheets of various heights have been put along the Coal Stock yards, boundary &amp; Railway sidings</p> <p>In the Southern side of the Port, permanent corrugated wind screen at a height of 12 Meters</p> <p>24/7 online continuous ambient air quality monitoring systems have been installed at three locations. The CAAQMS are linked to the PCC servers and the GLens servers which are the authorized servers for the CPCB for monitoring the results.</p> <p>State of the art Tyre wash system is in place where the effluent after treatment is reused in the same unit.</p> <p>Dedicated Tankers &amp; Tractors are engaged for wetting the coal yards, Roads etc.,</p> <p>Rain water harvesting pond developed at 3 locations in the port Premises. Rain water Harvesting Pits at 15 locations (Roof water) are made available.</p> <p>Guard Pond covering the open stock yard inside the port to collect runoff water has been developed at Mechanization Area.</p> <p>Monitoring of Marine water, Marine sediment, and Marine environment is in place.</p> <p>Hazardous Waste is being disposed to the registered recyclers as per the Hazardous Waste Management Rules, 2016.</p> <p>Biodegradable Solid waste is segregated and used in producing compost for in house nursery and Gardening and promotion of Green Belt.</p>
7	<p><u>Breakup of the project area:</u></p>	
	<p>a Project area :</p>	<p>Total Area 243 Hectares.</p>
8	<p>Break up of project affected population with enumeration of those losing houses / dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers / artisans</p>	<p style="text-align: center;">Nil</p>
	<p>a SC,ST/Adivasis :</p>	<p style="text-align: center;">Nil</p>
	<p>b Others :</p>	<p style="text-align: center;">Nil</p>

## Karaikal Port Private Limited- Six Monthly EC Compliance Report

### for the Period of October 2023 to March 2024

9	<u>Financial Details:</u>		
	a	Project cost as originally planned and subsequent revised estimates and the years of price reference	: Project Cost (Phase II) is Attached at Annexure 1.
	b	Allocations made for environmental management plans, with item wise and year wise breakup	: The detailed item wise and year wise allocations made for environmental management plan is attached at Annexure 2
	c	Benefit cost ratio / internal rate of return and the years of assessment	: Cargo ramp- up has not happened as envisaged. In view of this cost benefit and internal rate of return has not been assessed so far.
	d	Whether (c) includes the cost of environmental management as shown in (b) above.	: In view of above nil information.
	e	Total expenditure on the Project so far	: Attached at Annexure 1 above.
	f	Actual expenditure incurred on the Environmental management plans so far.	: Detailed item wise and year wise expenditure is attached at Annexure 2 as above
10	<u>Forest land requirement:</u>		: NA
	a	The status of approval for a diversion of forest land for non-forestry use	: NA
	b	The status of compensatory afforestation, if any	: Nil
	c	The status of clear felling	: Nil
	d	Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	: Nil
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach road), if any, with quantitative information		: NA
12	<u>Status of construction:</u>		
	a	Date of commencement	: 30 <sup>th</sup> September, 2009.
		Date of completion (actual and / or planned)	: 30 <sup>th</sup> Sep 2019
13	Reasons for the delay if the project is yet to start.		: NA
14	<u>Date of site visit:</u>		
	a	The dates on which the project was monitored by the Regional Office on previous occasions, if any	: The said project was monitored on 01.03.2022 by an official from Integrated Regional Office of Ministry of Environment, Forest & Climate Change , Chennai
	b	Date of site visit for this monitoring report	: NA

## Karaikal Port Private Limited- Six Monthly EC Compliance Report

### for the Period of October 2023 to March 2024

15	Details of correspondence with project authorities for obtaining action plans, information and status of compliance to safeguards	:	Compliance reports sent on regular basis to the regulatory authorities.
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#### PART II

#### DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO THE CONDITIONS OF ENVIRONMENTAL CLEARANCE AND ENVIRONMENTAL MANAGEMENT

**Subject:** Environmental and CRZ clearance for expansion of Karaikal Port (Phase II) at Puducherry by M/s. Karaikal Port Pvt. Ltd.

**Reference:** MoEF&CC's EC letter of No. 10-42/2009-IA.III dated the 22<sup>nd</sup> September, 2009.

#### 6. Specific Conditions:

Sl.No	Conditions stipulated	Compliance Status
(i)	The quality of both the rivers shall be re assessed and report shall be submitted to the Ministry within three months	Complied. The quality of two rivers joining the sea near the Port i.e., river Pravadanayar on the North and the river Vettar on the South were reassessed and Report submitted to the Ministry within three months. Report is at Annexure 3.
(ii)	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied. In Coastal Regulation Zone Area, as per the permission received from PCZMA the requisite constructions were made. The same is attached at Annexure 4.
(iii)	Washing from Auction Hall/Sewage shall be treated and the treatment facility shall be provided in accordance with the Coastal Regulation Zone Notification, 1991. The disposal of treated water shall conform the regulation of	Complied. The provision of Auction Hall is not required for the Project. In respect of Sewage Treatment Plant (STP), with a capacity of 25 KLD is installed for treatment of domestic sewage. Report containing treated water

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**

**for the Period of October 2023 to March 2024**

Sl.No	Conditions stipulated	Compliance Status
	Puducherry Pollution Control Board.	quality conforming to the regulation of PPCC/CPCB/MoEF&CC is at Annexure 5.
(IV)	Putrefied and discarded parts of fishes shall be removed and disposed off in the approved landfill/used as manure/poultry feed.	Not Applicable
(V)	Oil Spills if any shall be properly collected and disposed as per the Rules.	Being Complied. Till date there is no Oil Spill occurrence. However, the provisions containing the Oil Spill Contingency Plan is in place with the requisite equipment procured. Annexure 6. The validity of Indian Coast Guard Approved OSCP is due. KPPL has applied for the renewal of the same. However, KPPL will have to submit a revised plan & Once the revised OSCP is approved by Indian Coast Guard, copy of the same will be submitted to Ministry.
(VI)	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.	Complied. In accordance with International norms requisite provisions are in place thereby following Navigation and traffic control guidelines. Photograph containing lighted buoys for safe navigation is at Annexure 7. Through Department of Fisheries, Govt. of Puducherry awareness and Education are regularly imparted to the fishermen including the said traffic



**Karaikal Port Private Limited- Six Monthly EC Compliance Report**

**for the Period of October 2023 to March 2024**

Sl.No	Conditions stipulated	Compliance Status
		guidelines.
(VII)	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.	Complied. EMC meets to discuss the implementation of the stipulated Environment Safeguards. The EMC is attached at Annexure 8.
(VIII)	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.	Being Complied. At the project site a Nursery of indigenous variety of plantation is maintained with adequate personnel including specialist of draught resistance and fruit yielding Palm species. Requisite funds allocation is provided annually as a part of Environment Management Plan. Beyond the routine maintenance around 7569 Saplings/Trees were planted during this financial year 2023-24.
(IX)	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Being Complied. The funds earmarked for Environment Management Plan will not be diverted for any other purposes. The funds allocated for the following purposes. Mechanized Coal handling facility, Wind Screen , CAAQM, Display Board, Monitoring, recurring expenses of nursery and maintenance of plantation, O&M of Dust Suppression System, Truck Tyre Wash System, STP, ETP, Environment Infrastructure; Road

## **Karaikal Port Private Limited- Six Monthly EC Compliance Report**

### **for the Period of October 2023 to March 2024**

SI.No	Conditions stipulated	Compliance Status
		Cleaning and procurement of miscellaneous and other contingent requirements.

#### **7.General Conditions**

SI.No	Conditions stipulated	Compliance Status
(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 any damage to the environment.	Complied. The workers involved for Construction were habituated nearby areas of the Project site. During construction phase, potable water supply and sanitation was arranged. However, for the skilled construction workers make shift arrangement of accommodation to the requisite period was provided and adequate provisions were made so as to maintain sanitation.
(II)	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied. Appropriate measures which includes advanced technological practices with least digging areas so as to avoid any likely degradation of water quality
(III)	Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:  (a) No excavation or dumping on private property is carried out without written consent of the owner.	Complied. The existing roads in the Project area is made use of for implementation of Phase II of the Project.  No excavation or dumping is carried out and in the Project area no wetlands and forest area is in place.

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**

**for the Period of October 2023 to March 2024**

SI.No	Conditions stipulated	Compliance Status
	<p>(b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.</p> <p>(c)Excavation work shall be done in close consultation with the Conservation and watershed Development Agencies working in the area, and</p> <p>(d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water</p>	<p>No excavation was necessary to implement the Project.</p> <p>As reported at (a), (b) and (c) above, this condition is not applicable.</p>
(IV)	<p>The construction material shall be obtained only from approved quarries. In case new quarries are to be opened specific approvals from the competent authority shall be in this regard.</p>	<p>Complied. M/s MARG Constructions Limited was assigned the Construction activity of this Project the quarries obtained from authorized agency outside the Project area only. A certificate to this effect is at Annexure 9.</p>
(V)	<p>Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.</p>	<p>Complied. Necessary precautionary measures were taken during transportation.</p>

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**  
**for the Period of October 2023 to March 2024**

SI.No	Conditions stipulated	Compliance Status
(VI)	Full support shall be extended to the officers of this Ministry/Regional Office at Bangalore 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.	Complied. Full support is being extended for the said activities.
(VII)	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.	Agree to comply.
(VIII)	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 and Agreed upon.
(IX)	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 & Forests.	Noted and Agreed upon.
(X)	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.	Complied. On 12 <sup>th</sup> June 2009, the Financial Closure was achieved.

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**  
**for the Period of October 2023 to March 2024**

SI.No	Conditions stipulated	Compliance Status
(XI)	Puducherry Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.	Complied by Puducherry Pollution Control Committee
8	These stipulations would be enforced among others under the provisions of water (Prevention & 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.	Being complied.
9	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.	Complied. Requisite Clearances obtained from the concerned Competent Authorities by the M/s. Karaikal Port Private Limited. The same are at Annexure 10.
10	The project proponent shall advertise in at 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 Clearance and copies of Clearance letters are available with the Puducherry Pollution Control Board and may also	Complied. Copy is enclosed at Annexure 11.

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**  
**for the Period of October 2023 to March 2024**

Sl.No	Conditions stipulated	Compliance Status
	be seen on the website of the Ministry of Environment & Forests at <a href="http://www.enfor.nic.in">http://www.enfor.nic.in</a> . The advertisement should be made within 10 days from the date of the receipt of the Clearances letter and a copy of the same should be forwarded to the Regional Office of this Ministry.	
11	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundations Vs. Union of India in Writ Petition (Civil)No.460 of 2004 as may be applicable to this project.	Agreed upon.
12	Any appeal against the Environment Clearance shall be with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 off the National Environment Appellate Act, 1997.	Noted
13	A copy of Clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisad /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.	Complied. Copy of the Clearance letter sent by Karaikal Port to the said concerned Agencies. The clearance letter also put on the website ( <a href="http://www.karaikalport.com">www.karaikalport.com</a> ) of the company.

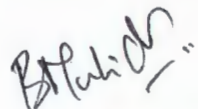
**Karaikal Port Private Limited- Six Monthly EC Compliance Report**  
**for the Period of October 2023 to March 2024**

SI.No	Conditions stipulated	Compliance Status
14	The proponent shall upload the status of compliance of the stipulated EC 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. The criteria pollutant level namely SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being complied.
15	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC 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	Complied. Compliance reports submitted regularly to the Integrated Regional Office of MoEF&CC at Chennai, CPCB Regional Directorate / Project Office at Chennai & PPCC at Puducherry. Latest report is attached at Annexure 12.
16	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)	Complied. The environmental Statement for each Financial Year ending 31 <sup>st</sup> March in Form-V submitted regularly to PPCC, Puducherry & RO/MoEF&CC at Chennai Latest Statement ending 31 <sup>st</sup> March 2024 is at Annexure

**Karaikal Port Private Limited- Six Monthly EC Compliance Report**  
**for the Period of October 2023 to March 2024**

Sl.No	Conditions stipulated	Compliance Status
	Rules, 1986 as amended subsequently shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	13.

Present Status of Project: Project construction has been completed and operations have started (Annexure at 14)



(Muralidhar.B)

Authorized Signatory



## Karaikal Port Private Limited- Six Monthly EC Compliance Report

### for the Period of October 2023 to March 2024

**Subject:** Environmental and CRZ clearance for expansion of Karaikal Port (Phase II) at Puducherry by M/s. Karaikal Port Pvt. Ltd. – Further Consideration for Amendment in Environmental and CRZ Clearance – Amendment to Environmental & CRZ Clearance

**Reference:** MoEF&CC's EC letter of No. 10-42/2009-IA. III dated 05<sup>th</sup> August 2021

SI.No	Additional Specific Conditions stipulated	Compliance Status
(4a.)	The Cargo which are permitted by the Ministry vide its letter No. 10-2/2006 dated 06 <sup>th</sup> May 2006 and letter No. 10-42/2009-IA-III dated 22 <sup>nd</sup> September 2009 and the Cargo which are permitted by Puducherry Pollution Control Committee vide its letter No. PPCC/CON/AIR/TRP/KKL/JE/2019/800 dated 07 <sup>th</sup> November, 2019 is only permissible. No other cargo other than permissible cargoes as mentioned in the above letters and as per the revised nomenclature is permitted.	Being Complied. Cargo is being handled as per the said Environmental & CRZ Clearances from MoEF&CC and Air & Water Consent from Puducherry Pollution Control Committee (PPCC).
(4b.)	All other conditions mentioned in the letter No. 10-2/2006 dated 06 <sup>th</sup> May 2006, letter No 10-42/2009-IA-III dated 22 <sup>nd</sup> September 2009 and letter No PPCC/CON/AIR/TRP/KKL/JE/2019/800 dated 07 <sup>th</sup> November, 2019 shall remain unchanged.	Noted for compliance.



(Muralidhar.B)

Authorized Signatory

<b>Karaikal Port Private Limited</b>				
<u>KPPL Project Assests Cost</u>				
<b>Pariculars</b>	<b>Project Cost In Crore</b>	<b>Projects work &amp; Direct capitalized / completed in crores</b>	<b>Balance Work</b>	<b>Asset Capitalized</b>
Project Cost	2,500.52	2,500.52	NIL	2,500.52

Year wise		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	Activities												
Air Pollution Equipments, Oil Spill Equipments, STP, ETP, Tyre wash, Dust Suppression Systems, Wind screens, Aagash Ganga, Green Belt Development, Waste Mangement, , Road Cleaning etc.	Environment Pollution Monitoring	19.2	12.6	20	37.7	40.8	75.1	91.2	59.2	66.5	68.8	41.5	38.5
	GBD Maintenance	18.1	7.8	7.1	16.5	15.6	36.7	30.4	34.2	36.3	36.7	15.5	14
	EMC Running Exp Excl salary part and misc	8.9	9.3	17.2	15.1	12.7	15.8	24.2	21.8	19	24.8	18.6	13.5
	Dust Suppression System (Incl Wind Screen Road wetting, Coal Wetting etc.)	8.5	14.9	18.2	55.4	62.8	76.2	76.5	84.65	80	76.8	48.5	120
	Waste Management	7.5	4.1	6.03	14.3	12.9	10.3	14.7	12.58	14.89	14.98	9.5	8.5
	STP, ETP ,Tyre Wash, Oil Spill equipment	7.6	8.1	15.5	12.1	14.9	33.6	38.3	43.5	46	39.5	28.5	15.8
		50.7 lakh	44.3 lakh	64.03 lakh	151.10 lakh	159.7 lakh	247.7 lakh	275 lakh	242.2 lakh	261.1 lakh	261.58 Lakh	162.1 Lakh	210.3 Lakh

To,

The Director (IA.III)  
Ministry of Environment and Forest  
Govt. of India  
New Delhi

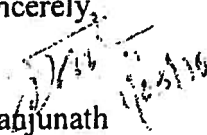
Sir,

Ref: Phase II Environmental Clearance No 10-42/2009-IA.III dated 22.9.2009

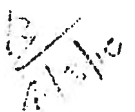
Sub: Re assessment of River water quality

With reference to Environmental Clearance specific conditions no (i), water quality of both the rivers (Pravadanayar and Vettar) has been re assessed and enclosed herewith for your record.

Sincerely,

  
Manjunath  
Manager

Encl: Water quality analysis report



# IVC LABS & ENVIRONMENTAL SERVICES

Pollution Control People

Head Office : IVC HOUSE, No : 1048, Burma Colony,  
Second Street, Perungudi, Chennai - 600 096.  
Ph : 044 - 2496 0600 / 2496 3939  
email : ivclabs@yahoo.co.in | ivclabs@dataone.in

Branch Office : 218, 5th Street, Gandhipuram,  
Coimbatore - 12. Ph : 0422 - 6958580

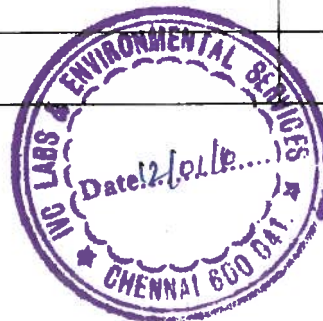


## WATER QUALITY ANALYSIS REPORT

DATE : 12.01.2010

Report No. : MARG-W-01  
Sample From : KARAİKAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI – 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : VETTAR River water (up stream)  
Karaikal Port Project,  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	2
2.	Odour	agreeable
3.	pH	8.0
4.	Turbidity NTU	5.0
5.	Total dissolved solids mg/l	625
6.	Total Alkalinity	283
7.	Phenolphthalein Alkalinity	-
8.	Residual Chlorine (mg/l)	<0.2
9.	Total Hardness as CaCO <sub>3</sub>	385
10.	Calcium as Ca mg/l	120
11.	Magnesium as Mg (mg/l)	16
12.	Chlorides as Cl (mg/l)	267



Conti...

13.	Sulphates as SO <sub>4</sub> (mg/l)	75
14.	Oil & Grease mg/l	0.3
15.	Nitrate Nitrogen (mg/l)	2.8
16.	Fluoride as Fe (mg/l)	0.17
17.	Iron as Fe (mg/l)	0.18
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	<0.01
21.	Copper as Cu (mg/l)	<0.01
22.	Total Chromium as Cr (mg/l)	0.03
23.	Zinc as Zn (mg/l)	<0.01
24.	Manganese as Mn (mg/l)	<0.01
25.	Aluminium as Al (mg/l)	BDL
26.	Cyanide as CN (mg/l)	NIL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	7
31.	Fecal Coli forms per/100ml	2

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

T. *[Signature]*  
12/01  
Chief Analyst



# IVC LABS & ENVIRONMENTAL SERVICES

Pollution Control People

Head Office : IVC HOUSE, No : 1048, Burma Colony,  
Second Street, Perungudi, Chennai - 600 096.  
Ph : 044 - 2496 0600 / 2496 3939  
email : ivclabs@yahoo.co.in | ivclabs@dataone.in

Branch Office : 218, 5th Street, Gandhipuram,  
Coimbatore - 12. Ph : 0422 - 6958580



## WATER QUALITY ANALYSIS REPORT

DATE : 12.01.2010

Report No. : MARG-W-02  
Sample From : KARAİKAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI – 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : VETTAR River water (middle)  
Karaikal Port Project  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	2.5
2.	Odour	agreeable
3.	pH	8.1
4.	Turbidity NTU	7.0
5.	Total dissolved solids mg/l	720
6.	Total Alkalinity	290
7.	Phenolphthalein Alkalinity	6
8.	Residual Chlorine (mg/l)	<0.2
9.	Total Hardness as CaCO <sub>3</sub>	392
10.	Calcium as Ca mg/l	128
11.	Magnesium as Mg (mg/l)	20
12.	Chlorides as Cl (mg/l)	272

Conti...



13.	Sulphates as SO <sub>4</sub> (mg/l)	77
14.	Oil & Grease mg/l	0.3
15.	Nitrate Nitrogen (mg/l)	2.9
16.	Fluoride as Fe (mg/l)	0.17
17.	Iron as Fe (mg/l)	0.20
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	<0.01
21.	Copper as Cu (mg/l)	<0.01
22.	Total Chromium as Cr (mg/l)	0.03
23.	Zinc as Zn (mg/l)	<0.01
24.	Manganese as Mn (mg/l)	<0.01
25.	Aluminium as Al (mg/l)	BDL
26.	Cyanide as CN (mg/l)	NIL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	9
31.	Fecal Coli forms per/100ml	3

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

  
Chief Analyst





# IVC LABS & ENVIRONMENTAL SERVICES

Pollution Control People

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Branch Office : 218, 5th Street, Gandhipuram,  
Coimbatore - 12. Ph : 0422 - 6958580



## WATER QUALITY ANALYSIS REPORT

DATE : 12.01.2010

Report No. : MARG-W-03  
Sample From : KARAICAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI – 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : VETTAR River water (Mouth)  
Karaikal Port Project  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	9
2.	Odour	agreeable
3.	pH	8.2
4.	Turbidity NTU	9.0
5.	Total dissolved solids mg/l	22250
6.	Total Alkalinity	316
7.	Phenolphthalein Alkalinity	12
8.	Residual Chlorine (mg/l)	NIL
9.	Total Hardness as CaCO <sub>3</sub>	7150
10.	Calcium as Ca mg/l	685
11.	Magnesium as Mg (mg/l)	824
12.	Chlorides as Cl (mg/l)	12153

Conti...



13.	Sulphates as SO <sub>4</sub> (mg/l)	2485
14.	Oil & Grease mg/l	1.5
15.	Nitrate Nitrogen (mg/l)	3.2
16.	Fluoride as Fe (mg/l)	0.8
17.	Iron as Fe (mg/l)	1.3
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	0.09
21.	Copper as Cu (mg/l)	<0.01
22.	Total Chromium as Cr (mg/l)	0.02
23.	Zinc as Zn (mg/l)	<0.5
24.	Manganese as Mn (mg/l)	<0.04
25.	Aluminium as Al (mg/l)	BDL
26.	Cyanide as CN (mg/l)	NIL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	12
31.	Fecal Coli forms per/100ml	4

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

  
Chief Analyst



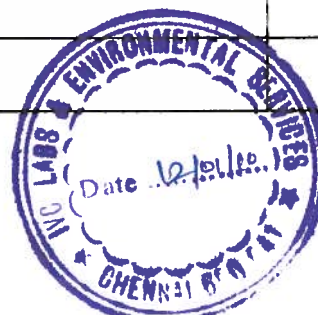


## WATER QUALITY ANALYSIS REPORT

DATE : 12.01.2010

Report No. : MARG-W-04  
Sample From : KARAİKAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI – 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : PRAVIDAYAR River water (Up-stream)  
Karaikal Port Project  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	2.5
2.	Odour	agreeable
3.	pH	7.9
4.	Turbidity NTU	3.0
5.	Total dissolved solids mg/l	570
6.	Total Alkalinity	185
7.	Phenolphthalein Alkalinity	-
8.	Residual Chlorine (mg/l)	<0.1
9.	Total Hardness as CaCO <sub>3</sub>	335
10.	Calcium as Ca mg/l	115
11.	Magnesium as Mg (mg/l)	18
12.	Chlorides as Cl (mg/l)	155



Conti...

13.	Sulphates as SO <sub>4</sub> (mg/l)	70
14.	Oil & Grease mg/l	0.5
15.	Nitrate Nitrogen (mg/l)	2.5
16.	Fluoride as Fe (mg/l)	0.12
17.	Iron as Fe (mg/l)	0.15
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	<0.01
21.	Copper as Cu (mg/l)	0.02
22.	Total Chromium as Cr (mg/l)	<0.01
23.	Zinc as Zn (mg/l)	<0.01
24.	Manganese as Mn (mg/l)	BDL
25.	Aluminium as Al (mg/l)	NIL
26.	Cyanide as CN (mg/l)	BDL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	3
31.	Fecal Coli forms per/100ml	1

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

  
 Chief Analyst



# IVC LABS & ENVIRONMENTAL SERVICES

Pollution Control People

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Second Street, Perungudi, Chennai - 600 096.  
Ph : 044 - 2496 0600 / 2496 3939  
email : ivclabs@yahoo.co.in | ivclabs@dataone.in

Branch Office : 218, 5th Street, Gandhipuram,  
Coimbatore - 12. Ph : 0422 - 6958580



## WATER QUALITY ANALYSIS REPORT

Report No. : MARG-W-05      DATE : 12.01.2010  
Sample From : KARAIKAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI - 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : PRAVIDAYAR River water (Middle)  
Karaikal Port Project  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	
2.	Odour	2.5
3.	pH	agreeable
4.	Turbidity NTU	8.0
5.	Total dissolved solids mg/l	3.2
6.	Total Alkalinity	582
7.	Phenolphthalein Alkalinity	192
8.	Residual Chlorine (mg/l)	-
9.	Total Hardness as CaCO <sub>3</sub>	<0.1
10.	Calcium as Ca mg/l	341
11.	Magnesium as Mg (mg/l)	119
12.	Chlorides as Cl (mg/l)	20
		160



Conti...

13.	Sulphates as SO <sub>4</sub> (mg/l)	73
14.	Oil & Grease mg/l	0.5
15.	Nitrate Nitrogen (mg/l)	2.6
16.	Fluoride as Fe (mg/l)	0.12
17.	Iron as Fe (mg/l)	0.16
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	<0.01
21.	Copper as Cu (mg/l)	0.02
22.	Total Chromium as Cr (mg/l)	<0.01
23.	Zinc as Zn (mg/l)	<0.01
24.	Manganese as Mn (mg/l)	BDL
25.	Aluminium as Al (mg/l)	NIL
26.	Cyanide as CN (mg/l)	BDL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	6
31.	Fecal Coli forms per/100ml	3

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

  
Chief Analyst



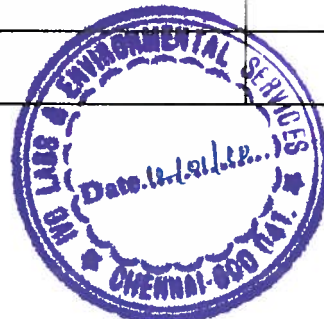


## WATER QUALITY ANALYSIS REPORT

DATE : 12.01.2010

Report No. : MARG-W-06  
Sample From : KARAİKAL PORT PRIVATE LIMITED  
'MARG AXIS',  
4/318, OLD MAHABALIPURAM ROAD,  
KOTTIVAKKAM, CHENNAI – 600 041  
Sample Dated : 26.12.2009  
Nature of Sample : River Water  
Sampling Location : PRAVIDAYAR River water (Mouth)  
Karaikal Port Project  
KeelaVanjoor, Karaikal

SL.No.	PARAMETERS	RESULTS
1.	Colour (hazan)	8
2.	Odour	agreeable
3.	pH	8.1
4.	Turbidity NTU	8.5
5.	Total dissolved solids mg/l	21950
6.	Total Alkalinity	310
7.	Phenolphthalein Alkalinity	9
8.	Residual Chlorine (mg/l)	NIL
9.	Total Hardness as CaCO <sub>3</sub>	6936
10.	Calcium as Ca mg/l	669
11.	Magnesium as Mg (mg/l)	812
12.	Chlorides as Cl (mg/l)	11866



Conti...

13.	Sulphates as SO <sub>4</sub> (mg/l)	2310
14.	Oil & Grease mg/l	1.5
15.	Nitrate Nitrogen (mg/l)	3.1
16.	Fluoride as Fe (mg/l)	0.9
17.	Iron as Fe (mg/l)	1.1
18.	Ammonia as NH <sub>3</sub> mg/l	BDL
19.	Mercury as Hg (mg/l)	BDL
20.	Cadmium as Cd (mg/l)	0.08
21.	Copper as Cu (mg/l)	<0.01
22.	Total Chromium as Cr (mg/l)	0.02
23.	Zinc as Zn (mg/l)	<0.5
24.	Manganese as Mn (mg/l)	<0.04
25.	Aluminium as Al (mg/l)	BDL
26.	Cyanide as CN (mg/l)	NIL
27.	Selenium as Se (mg/l)	BDL
28.	Boron as Bo (mg/l)	BDL
29.	Anionic Active Surfactants MABS	NIL
30.	Total Coli forms per/100ml	13
31.	Fecal Coli forms per/100ml	5

BDL – Below detectable limit

For IVC LABS & ENVIRONMENTAL SERVICES

*T. [Signature]*  
12/01  
Chief Analyst





GOVERNMENT OF PUDUCHERRY  
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT  
PONDICHERRY COASTAL ZONE MANAGEMENT AUTHORITY  
ANNA NAGAR, PUDUCHERRY-5

Phone : (0413) 2201256

FAX : (0413) 2203494

\*\*\*

Puducherry, the

To  
Dr. A. Senthilvel  
Additional Director  
Member Secretary, National Coastal Zone Management Authority  
Ministry of Environment & Forests.

Letter No. DST&E/PCZMA/NOC/JE/2009/3092

Room No. 708, Paryavaran Bhavan, CGO Complex, Lodi Road,  
New Delhi - 110 003.

Sir,

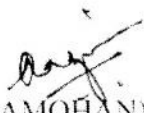
Sub: DST&E - PCZMA - Recommendation of PCZMA for Extension of Karaikal Port Facilities - Reg.

Ref: i) Lr. dated 09<sup>th</sup> Feb 2009 received from M/s. Karaikal Port Pvt. Ltd.  
ii) Lr. dated 20<sup>th</sup> December 2008 received from M/s. Karaikal Port Pvt. Ltd.

\*\*\*

With reference to the above, it is informed that the proposal of M/s. Karaikal Port Pvt. Ltd. for expansion of Karaikal Port by construction of three additional berths, enhancement of cargo handling capacity from 4.0 MTPY to 20.5 MTPY and deepening of Navigational Channels, Basin and Turning Circle within the existing Port Layout has been discussed in the 19<sup>th</sup> meeting of Puducherry Coastal Zone Management Authority held on 12.02.2009 and the Authority decided that the proposal for expansion of Karaikal Port shall be recommended to MoE&F for obtaining Environmental Clearance as the proposal falls in land classified under CRZ - III.

For and on behalf of PCZMA,

  
(G. RAJAMOHAN)  
Member Secretary

Puducherry Coastal Zone Management Authority

Copy to :

M/s. Karaikal Port Private Limited

E-mail : test@mettexlab.com  
Web : www.mettexlab.com

Phone : 044-22323163, 22311034  
42179490, 42179491



**CHENNAI METTEX LAB PRIVATE LIMITED**

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5589

**TEST REPORT -MARCH - 2024**

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 03.04.2024

**T.C No :** CML/24-25/1161

**Date Of Receipt :** 23.03.2024

**Analysis Commenced On :** 23.03.2024

**Analysis Completed On :** 30.03.2024

**Cust. Ref :** SRF Dated :22.03.2024

**Lab No :** 24144029


**Sample Description :** STP Treated Water  
(as stated by customer)

**Date of Sampling:** 22.03.2024

Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>			<b>Group: Pollution &amp; Environment</b>	
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	7.42	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	26 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	1314 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	500 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	120 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	6 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	18 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	105 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	6.2 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	5.9 mg/l	NS
<b>Discipline :Biological</b>			<b>Group: Pollution &amp; Environment</b>	
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	94 MPN/100ml	NS

**Abbreviation :**MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

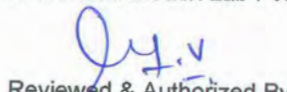
-----End of Report -----

  
Reviewed & Authorized By

**B. ARUNAN**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,

  
Reviewed & Authorized By

**W. SENTHIL KUMAR**  
Senior Chemist  
Authorised Signatory

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E-mail : test@mettexlab.com  
Web : www.mettexlab.com

Phone : 044-22323163, 22311034  
42179490, 42179491



**CHENNAI METTEX LAB PRIVATE LIMITED**

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5589



**TEST REPORT -FEBRUARY-2024**

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 06.03.2024

**T.C No :** CML/23-24/124180

**Date Of Receipt :** 17.02.2024

**Cust. Ref :** SRF Dated :16.02.2024

**Analysis Commenced On :**18.02.2024

**Lab No :** 24126299

**Analysis Completed On :** 24.02.2024

**Sample Description :** STP Treated Water  
(as stated by customer)

**Date of Sampling:** 16.02.2024


Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>			<b>Group: Pollution &amp; Environment</b>	
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	7.41	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	38 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	1764 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	528 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	184 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	7 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	20 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	116 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	9.52 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	8.08 mg/l	NS
<b>Discipline :Biological</b>			<b>Group: Pollution &amp; Environment</b>	
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	350 MPN/100ml	NS

**Abbreviation :**MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

-----End of Report -----

  
Reviewed & Authorized By  
**G.S. RADHA**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,  
  
Reviewed & Authorized By  
**P. KAVITHA**  
Technical Manager  
Authorised Signatory

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Phone : 044-22323163, 22311034  
42179490, 42179491



# CHENNAI METTEX LAB PRIVATE LIMITED

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5589



## TEST REPORT -JANUARY -2024

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 10.02.2024

**T.C No :** CML/23-24/112154

**Date Of Receipt :** 31.01.2024

**Cust. Ref :** SRF Dated :30.01.2024

**Analysis Commenced On :**31.01.2024

**Lab No :** 24116833

**Analysis Completed On :** 10.02.2024

**Sample Description :** STP Treated Water  
(as stated by customer)

**Date of Sampling:** 30.01.2024

Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>		<b>Group: Pollution &amp; Environment</b>		
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	7.80	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	16 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	1869 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	571 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	141 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	5 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	14 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	67 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	39.0 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	36.3 mg/l	NS
<b>Discipline :Biological</b>		<b>Group: Pollution &amp; Environment</b>		
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	70 MPN/100ml	NS

**Abbreviation :**MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

-----End of Report -----

  
Reviewed & Authorized By

**G.S. RADHA**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,

  
Reviewed & Authorized By

**P. KAVITHA**  
Technical Manager  
Authorised Signatory

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing, except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced Except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

E-mail : test@mettexlab.com  
Web : www.mettexlab.com

Phone : 044-22323163, 22311034  
42179490, 42179491



# CHENNAI METTEX LAB PRIVATE LIMITED

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5539

## TEST REPORT - DECEMBER-2023

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 29.12.2023

**T.C No :** CML/23-24/92092

**Cust. Ref :** SRF Dated : 14.12.2023

**Date Of Receipt :** 15.12.2023

**Lab No :** 24095008

**Analysis Commenced On :** 15.12.2023

**Analysis Completed On :** 23.12.2023

**Sample Description :** STP Treated Water  
(as stated by customer)

**Date of Sampling:** 14.12.2023


Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>		<b>Group: Pollution &amp; Environment</b>		
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	6.30	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	23 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	2038 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	640 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	185 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	6 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	9 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	52 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	11.8 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	10.6 mg/l	NS
<b>Discipline :Biological</b>		<b>Group: Pollution &amp; Environment</b>		
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	70 MPN/100ml	NS

**Abbreviation :**MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

-----End of Report -----

  
Reviewed & Authorized By  
**G.S. RADHA**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,  
  
Reviewed & Authorized By  
**P. KAVITHA**  
Technical Manager  
Authorised Signatory

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E-mail : test@mettexlab.com  
Web : www.mettexlab.com

Phone : 044-22323163, 22311034  
42179490, 42179491



# CHENNAI METTEX LAB PRIVATE LIMITED

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5589

## TEST REPORT -NOVEMBER-2023

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 06.12.2023

**T.C No :** CML/23-24/83521

**Date Of Receipt :** 22.11.2023

**Analysis Commenced On :** 22.11.2023

**Analysis Completed On :** 29.11.2023

**Cust. Ref :** SRF Dated : 21.11.2023

**Lab No :** 24085902

**Date of Sampling:** 21.11.2023

**Sample Description :** STP Treated Water  
(as stated by customer)

Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>		<b>Group: Pollution &amp; Environment</b>		
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	6.90	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	148 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	1692 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	655 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	7 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	8 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	55 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	235 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	13 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	12 mg/l	NS
<b>Discipline :Biological</b>		<b>Group: Pollution &amp; Environment</b>		
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	70 MPN/100ml	NS

**Abbreviation :** MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

-----End of Report -----

*G.S. Radha*

Reviewed & Authorized By  
**G.S. RADHA**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,

*P. Kavitha*  
Reviewed & Authorized By

**P. KAVITHA**  
Technical Manager  
Authorised Signatory

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# CHENNAI METTEX LAB PRIVATE LIMITED



Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA  
Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459  
Email : test@mettexlab.com | Web : www.mettexlab.com

## TEST REPORT -OCTOBER-2023

Page No. 1 of 1

**ISSUED TO :** M/s. Karaikal Port Private Limited,  
Khezhavanjoor Village,  
T.R.Pattinam,  
Karaikal- 609 606.

**T.C Date :** 02.11.2023

**T.C No :** CML/23-24/70325

**Date Of Receipt :** 17.10.2023

**Analysis Commenced On :** 17.10.2023

**Analysis Completed On :** 21.10.2023

**Cust. Ref :** SRF Dated : 16.10.2023

**Lab No :** 24071654

**Sample Description :** STP Treated Water  
(as stated by customer)

**Date of Sampling:** 16.10.2023

Sl.No.	Test Parameters	Protocol	Results	CPCB Limit (Land for Irrigation)
<b>Discipline : Chemical</b>			<b>Group: Pollution &amp; Environment</b>	
01	pH @ 25°C	IS: 3025 Part 11-1983 (Reaff:2017)	8.04	5.5 – 9.0
02	Total Suspended Solids	IS: 3025 Part 17-1984 (Reaff:2017)	28 mg/l	200 mg/l
03	Total Dissolved Solids	IS: 3025 Part 16-1984 (Reaff:2017)	1968 mg/l	NS
04	Chloride as Cl	IS: 3025 Part 32-1988 (Reaff:2019)	600 mg/l	NS
05	Sulphate as SO <sub>4</sub>	IS: 3025 Part 24 -1986(Reaff:2019)	225 mg/l	NS
06	Oil & Grease	IS: 3025 Part 39-2021	3 mg/l	10 mg/l
07	BOD @ 27°C for 3 days	IS: 3025 Part 44-1993 (Reaff:2019)	7 mg/l	100 mg/l
08	COD	IS:3025 Part 58 - 2006 (Reaff:2017)	36 mg/l	NS
09	Total Kjeldahl Nitrogen	IS:3025 Part 34 - 1988 (Reaff:2019)	9.21 mg/l	NS
10	Ammonical Nitrogen	IS:3025 Part 34 – 1988 (Reaff:2019)	7.24 mg/l	NS
<b>Discipline :Biological</b>			<b>Group: Pollution &amp; Environment</b>	
11	Faecal Coliforms	APHA 23 <sup>rd</sup> Edn .2017 : 9221 'E'	63 MPN/100ml	NS

**Abbreviation :**MPN : Most Probable Number; APHA : American Public Health Association. NS : Not Specified.

-----End of Report -----

Reviewed & Authorized By

**S. RADHA**  
Technical Manager  
Authorised Signatory



For Chennai Mettex Lab Pvt Ltd.,

Reviewed & Authorized By

**P. KAVITHA**  
Technical Manager  
Authorised Signatory

16/03 2020 11:35AM FAX 04368224900

ICGS, KARAIKAL

Telefax: 04368-226500  
Email : [cgs-kkl@indiancoastguard.nic.in](mailto:cgs-kkl@indiancoastguard.nic.in)  
Reply should be addressed to  
The Commanding Officer

**BHARATIYA TATRAKSHAK**  
**AVASTHAN KARAIKAL**  
ICGS Karaikal  
No.64, Bharathi Nagar,  
Karaikal – 609 604

731/7

16 Mar 2020

The Manager  
(Marine Operations)  
Karaikal Port Pvt Ltd  
Kheezhavanjoor Village  
TR Pattinam, PB No.33  
Karaikal-609606

**OIL SPILL CONTINGENCY PLAN – KARAIKAL PORT PVT LTD**

1. Refer to CGRHQ(E) letter 7604 dated 02 Mar 17 and this station letter 704/6 dated 17 Apr 17.
2. The revised Oil Spill Contingency Plan (OSCP) of Karaikal Port Pvt Ltd had been approved by competent Coast Guard authority w.e.f 02 Mar 17 for a period of five years.

Thanking you,

Yours faithfully,



(Praveen Kumar)  
Asst Commandant  
Station Ops Officer  
for Commanding Officer

**End.** As above



## OSR EQUIPMENT – AVAILABLE WITH KARAIKAL PORT

Sl. No.	Description	Quantity
1.	Air Inflatable Boom	250 M
2.	Air filled Light Oil Boom	500 meters
3.	Rigid Boom	500 M
4.	Sorbent Boom	200 M
5.	Sorbent Pads	1000 Nos
6.	OSD	600 Ltrs
7.	Skimmer	2 - 30 TPH
8.	Boom reel	01
9.	Power Pack with accessories	02
10.	Anchors & accessories for booms	as per set
11.	Oil Spill Dispersant	500 liters
12.	Reusable Adsorbents	For up to 1000 ltr absorption

## SAFETY / SHORELINE CLEANUP EQUIPMENTS AVAILABLE WITH KARAIKAL PORT

Sl. No.	Description	Quantity
1.	PCV hand gloves – small 14”	20
2.	PCV hand gloves – small 16”	20
3.	PCV hand gloves – small 18”	20
4.	Mops with handle	20
5.	Hand shovel with wooden handle	20
6.	Wheel Barrow	10
7.	Rake with handle	10
8.	Tarpaulin-standard size 30’ X 27’	4
9.	Gunny bags	50
10.	HDPE bags	50
11.	Safety Helmets	14
12.	Liquid Soap (in canes)	50 Ltrs
13.	Water Flask 20 Liters	02
14.	Saw Dust packed in gunny bags	100 Kgs
15.	Disposable Coveralls – Small	10
16.	Disposable Coveralls – Medium	20

17.	Disposable Coveralls – Large	20
18.	Disposable Coveralls – Extra Large	20
19.	Gum boot – Small	15
20.	Gum boot – Medium	15
21.	Gum boot – Large	15
22.	Plastic Buckets – 10 liters	15
23.	Plastic Buckets – 20 liters	15
24.	Plastic Mug – 1 liter	15
25.	Cotton Rag – in bags	100 Kg.
26.	Trolley	03
27.	Detergent Powder	25 Kg
28.	Work / Lift vests	06
29.	Disposable cups / glasses	200
30.	Plastic Chairs	6
31.	Folding Tables	2
32.	First Aid Kit	01 Set

KPPL/MAR/ICGS/2021-22/006

21-Feb-2022

To,  
The Commanding Officer  
ICGS Karaikal

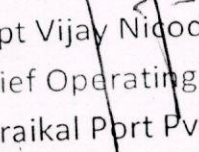
Sub:- Renewal for Oil Spill Contingency-Plan – Karaikal Port.

Dear Sir,

With reference to the letter no 704/6, dtd, 13<sup>th</sup> April 2017, our revised Oil Spill Contingency Plan was approved for a period of five years from 15<sup>th</sup> March 2017, which is due to expire on 14<sup>th</sup> March 2022.

We request you to kindly renew our OSCP for further period of 5 years.

With Best Regards,

  
Capt Vijay Nicodemus  
Chief Operating Officer  
Karaikal Port Pvt Ltd.



**KARAIKAL PORT PRIVATE LIMITED.**  
CIN: U45203PY2006PTC001945

Registered Office

Tel: 044 266 000 (5 Lines) Fax: 044 266 256602

KPPL/MAR/CG/2023-11

22<sup>nd</sup> Feb 2023

To  
The Commanding Officer  
Indian Coast Guard Station,  
Karaikal.

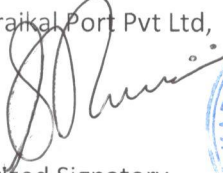
Sub: - Approval of Oil Spill Contingency Plan – Karaikal Port.

Sir,

In continuation with our letter no: KPPL/MAR/CG/2023-08, dtd, 10<sup>th</sup> Feb 2022, we hereby, submit our updated Oil Spill Contingency Plan (Soft Copy) for your vetting and approval.

Thanking You,

Yours Sincerely,  
For Karaikal Port Pvt Ltd,



Authorized Signatory,  
Port Operations Center.



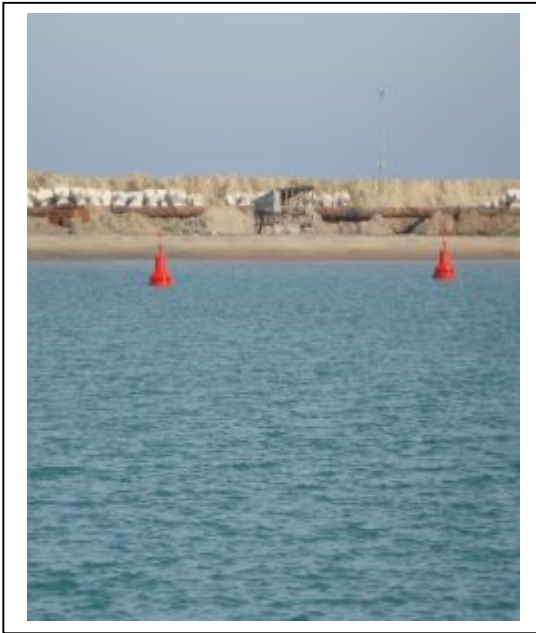
**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

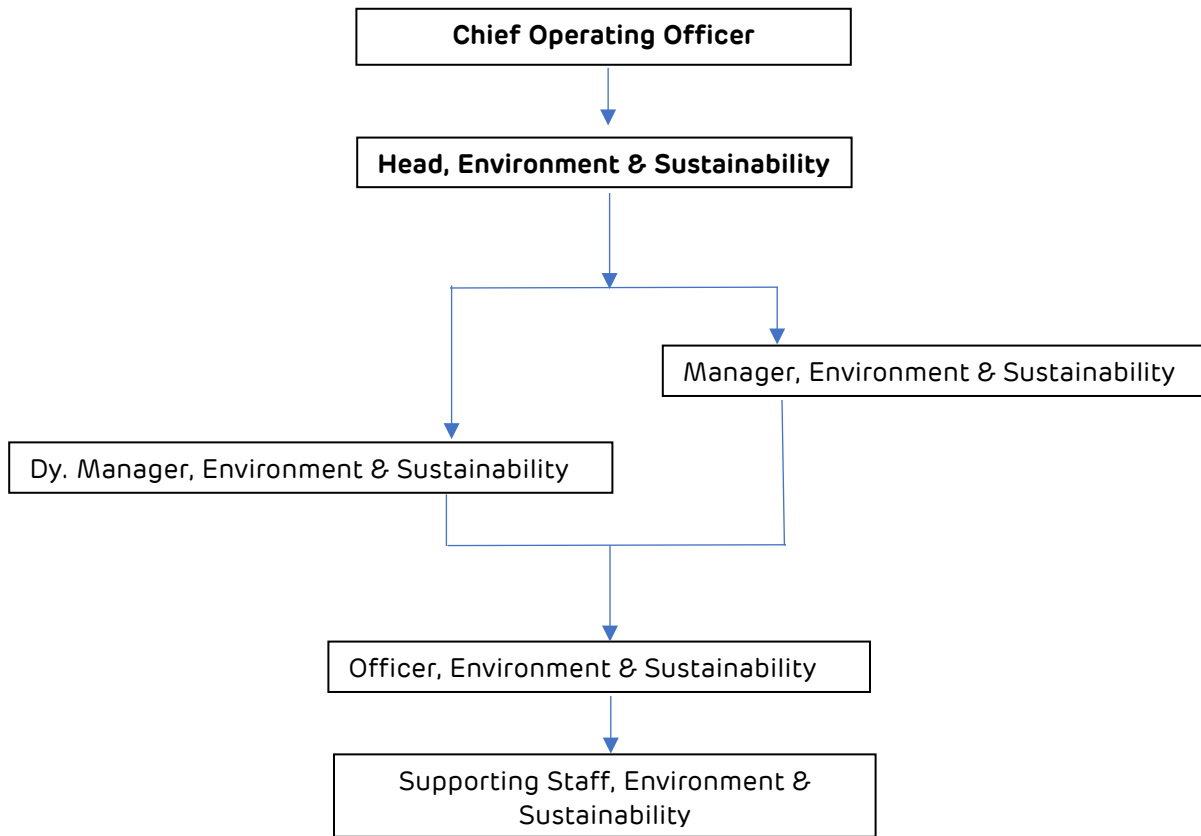
Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

# BUOYS



**KARAIKAL PORT PRIVATE LIMITED**  
**ENVIRONMENT MANAGEMENT CELL**





15<sup>th</sup> October 2009

**TO WHOSOEVER IT MAY CONCERN**

This is to certify that the construction material which shall be used in the construction in the Karaikal Port will be sourced from the approved quarries in the neighbourhood. The same shall be transported with adequate precautions in place as per the requirement.

Authorised Signatory

A handwritten signature in blue ink, appearing to read "G. R. Srinivasan", is written over a circular stamp.

**MARG LIMITED**  
KARAIKAL PORT  
Keezhavanjore  
T.R.Pattinam  
Karaikal-609604

**MARG LIMITED**



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce &amp; Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum &amp; Explosives Safety Organisation (PESO)

A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन, 26 हड्डोउस रोड, नुंगम्बक्कम

चेन्नै- 600006

A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan, 26 Haddous Road, Nungambakkam,  
Chennai - 600006E-mail : [jtccechennai@explosives.gov.in](mailto:jtccechennai@explosives.gov.in)

Phone/Fax No : 044 -

28287118,28281023,28281041,28287119/28284848

संख्या /No. : P/SC/PY/14/136 (P203909)

दिनांक /Dated : 02/01/2023

सेवा में  
/To,

M/S.Karaikal Port Private Limited,  
Kheezhavanjoor Village,  
T R Pattinam, PB No 33,  
Karaikal,  
District: KARAIKAL,  
State: Pondicheri  
PIN: 609606

विषय : Plot No, R.S.166/2 of Vanjore Revenue Village in, NA, Karaikal, Karaikal, Taluka: Karaikal, District: KARAIKAL, State: Pondicheri,  
/Sub : PIN: 609606 में स्थित विद्यमान पेट्रोलियम वर्ग A,B Retail Outlet की अनुज्ञप्ति संख्या P/SC/PY/14/136 (P203909) - नवीकरण के संदर्भ में ।  
Existing Petroleum Class A,B Retail Outlet at Plot No, R.S.166/2 of Vanjore Revenue Village in, NA, Karaikal, Karaikal, Taluka:  
Karaikal, District: KARAIKAL, State: Pondicheri, PIN: 609606 - Licence No. P/SC/PY/14/136 (P203909) - Reg Renewal of Licence.

महोदय  
/Sir(s),

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या OIN1261144 दिनांक 27/12/2022 का संदर्भ ग्रहण करें ।  
Please refer to your letter No. OIN1261144 dated 27/12/2022 on the subject.

अनुज्ञप्ति सं P/SC/PY/14/136 (P203909) दिनांक 02/08/2010 दिनांक 31/12/2025 तक नवीनीकृत कर लौटाई जा रही हैं ।  
Licence No. P/SC/PY/14/136 (P203909) dated 02/08/2010 is returned herewith duly renewed upto 31/12/2025.

कृपया पेट्रोलियम नियम,2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को दिनांक  
31/12/2025 या उससे पहले इस कार्यालय में प्रस्तुत करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the  
Renewal of the licence so as to reach this office on or before 31/12/2025.

कृपया पावती दें । Please acknowledge the receipt.

भवदीय /Yours faithfully,

((अहिन नंदी))  
(AHIN NANDI))  
उप विस्फोटक नियंत्रक  
Dy. Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
चेन्नै/Chennai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)  
(For more information regarding status,fees and other details please visit our website: <http://peso.gov.in>)

**Note:-This is system generated document does not require signature.**



**नवीनीकरण के पृष्ठांकन के लिए स्थान**  
**SPACE FOR ENDORSEMENT OF RENEWALS**

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ्रिस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी। This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
	12/03/2009	31/12/2011	Sd/- Dr.Karunamay Pandey
	14/12/2011	31/12/2013	Sd/- Dr. S K Dixit
	12/12/2013	31/12/2016	Sd/- Dr. P. K. Rana Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Chennai
	26/12/2016	31/12/2019	Sd/- Mridul Kumar Pandey Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Chennai
	12/12/2019	31/12/2022	Sd/- License Renewed Online Jt. Chief Controller of Explosives Chennai
	02/01/2023	31/12/2025	AHIN NANDI Dy. Controller of Explosives For Jt. Chief Controller of Explosives Chennai

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

**Note:-This is system generated document does not require signature.**

**प्ररूप XIV**  
**(प्रथम अनुसूची का अनुच्छेद 5 देखिए)**  
**FORM XIV**  
**(see Article 5 of the First Schedule)**

**मोटर वाहनों में ईंधन डालने के लिए पम्प आउटफिट के संबंध में टैंक या टैंकों में पेट्रोलियम भंडारकरण के लिए अनुज्ञप्ति**  
**LICENCE TO STORE PETROLEUM IN TANK/S IN CONNECTION WITH PUMP OUTFIT FOR FUELING MOTOR**  
**CONVEYANCES**

अनुज्ञप्ति सं. (Licence No.) : **P/SC/PY/14/136(P203909)**

फीस रूपए (Fee Rs.) **5000/-** per year

पेट्रोलियम अधिनियम, 1934 के उपबंधों और उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए **40.00 KL of Petroleum class B** को टैंक/टैंकों में भण्डारकरण मात्र के लिए **M/S.Karaikal Port Private Limited, Kheezhavanjoor Village, T R Pattinam, PB No 33, Karaikal, District: KARAİKAL, State: Pondicheri, PIN: 609606** को नीचे वर्णित अनुज्ञप्त परिसरों में जो कि इससे उपबद्ध नक्शा संख्या **P/SC/PY/14/136(P203909)** तारीख **12/12/2019** में दिखाया गया है, के लिए विधिमाम्य अनुज्ञप्ति अनुदत्त की जाती हैं।

Licence is hereby granted to **M/S.Karaikal Port Private Limited, Kheezhavanjoor Village, T R Pattinam, PB No 33, Karaikal, District: KARAİKAL, State: Pondicheri, PIN: 609606** valid only for the storage of **40.00 KL of Petroleum class B** in tank/s in the licensed premises described below and shown on the plan no: **P/SC/PY/14/136(P203909)** dated **12/12/2019** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति **31st day of December 2025** तक विधिमाम्य रहेगी।

The Licence shall remain in force till the **31st day of December 2025**

**February 21, 2008**

For Jt. Chief Controller of Explosives  
SC, Chennai

1). Amendment dated - 02/08/2010

**अनुज्ञप्त परिसरों का विवरण और अवस्थान**  
**DESCRIPTION AND LOCATION OF THE LICENSED PREMISES**

अनुज्ञप्त परिसर जिसकी सीमाएं संलग्न नक्शे में दिखाई गई हैं **Plot No: R.S.166/2 of Vanjore Revenue Village in, NA, Karaikal, Karaikal, Taluka: Karaikal, District: KARAİKAL, State: Pondicheri, PIN: 609606** में स्थित हैं और उसमें निम्नलिखित सम्मिलित हैं:

The licensed premises, the boundaries of which are shown in the attached plan, are situated at **Plot No: R.S.166/2 of Vanjore Revenue Village in, NA, Karaikal, Karaikal, Taluka: Karaikal, District: KARAİKAL, State: Pondicheri, PIN: 609606** and consist of:

क पेट्रोलियम वर्ग क परिसर के लिए **NIL** किलोलिटर क्षमता के/क्रमशः **1** क्षमता के भूमिगत गैस टाईट टैंक, जो विद्युतचालित/हस्तचालित **NIL** डिस्पेन्सिंग पम्पो से जुड़े हुए हैं।

a **1** number(s) underground gas tight tanks of capacity **NIL** kilolitres respectively of petroleum Class A connected with **NIL** number(s) electrically/manually operated dispensing pump(s)

ख पेट्रोलियम वर्ग ख/ग परिसर के लिए **20.00+ 20.00** किलोलिटर क्षमता के/क्रमशः **2** क्षमता के भूमिगत गैस टाईट टैंक, जो विद्युतचालित/हस्तचालित **2** डिस्पेन्सिंग पम्पो से जुड़े हुए हैं।

b **2** number(s) underground gas tight tanks of capacity **20.00+ 20.00** kilolitres respectively of petroleum Class B connected with **2** number(s) electrically/manually operated dispensing pump(s).

ग एक विक्रय कक्ष/कियोस्क

c A sales room/kiosk

घ सर्विस सम्बन्धी सुविधाएं जिनमें **Security room & BOWZER PARKING AREA** सम्मिलित हैं।

d Servicing facilities consisting of Security room & BOWZER PARKING AREA **As per attached plan**

**Note:-This is system generated document does not require signature.**



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन, 26 हड्डोडस रोड, नुंगम्बक्कम

चेन्नै- 600006

A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan, 26 Haddous Road, Nungambakkam, Chennai - 600006

E-mail: [jtccechennai@explosives.gov.in](mailto:jtccechennai@explosives.gov.in)

Phone / Fax: 044 -

28287118,28281023,28281041,28287119/28284848

संख्या /No.: P/SC/PY/19/1001(P391570)

दिनांक /Date: 03/01/2023

सेवा में  
/To,

M/s. KARAIKAL PORT PVT.LTD.,  
Kheezhavanjoor Village,  
Karaikal,  
Taluka: Karaikal,  
District: KARAIKAL,  
State: Pondicheri  
PIN: 609606

विषय  
/Sub :

रजिस्ट्रेशन नंबर PY-02 Q3665 के रिफ्यूएलर द्वारा भू मार्ग से पेट्रोलियम उत्पादों के परिवहन के लिए अनुज्ञप्ति के नवीकरण के संबंध में ।

Licence to transport Petroleum Products on land by Refueller bearing Reg .No PY-02 Q3665 - Renewal of licence regarding

महोदय  
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1261246 दिनांक 27/12/2022 का अवलोकन करें ।

Please refer to your letter No. OIN1261246, dated 27/12/2022.

निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के टैंक ट्रक पंजीकरण संख्या PY-02 Q3665 द्वारा परिवहन के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप-XIX में जारी, दिनांक 31/12/2025 तक नवीकृत अनुज्ञप्ति संख्या P/SC/PY/19/1001 (P391570) दिनांक 12/04/2017 अग्रेषित की जा रही हैं ।

Licence No. P/SC/PY/19/1001 (P391570) dated 12/04/2017 in Form XIX under the Petroleum Rules, 2002 and renewed till 31/12/2025 for the transport of the following kind and quantities of Petroleum by tank truck Reg .No PY-02 Q3665 is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त क्षमता (किलोलीटर में) /Total Quantity licenced in K.L.
High Speed Diesel	11.00 KL

कृपया पेट्रोलियम नियम,2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें और अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेज, अनुज्ञप्ति की वैधता समाप्ती की तारीख या उससे to Jt. Chief Controller of Explosives, South Circle Office, Chennai, so as to reach his कार्यालय में प्रस्तुत करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for further renewal of the licence to Jt. Chief Controller of Explosives, South Circle Office, Chennai, so as to reach his office on or before the date on which licence expires

भवदीय /Your's faithfully,

((मनमीत सिंह मन्हास)  
(Manmeet Singh Manhas))  
उप विस्फोटक नियंत्रक  
Dy. Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
चेन्नै/Chennai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट: <http://peso.gov.in> देखें)

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

**Note:-This is system generated document does not require signature.**

Digitally signed by MANMEET SINGH MANHAS

Reason: Licence No. : P/SC/PY/19/1001

Location:South Circle Office [P391570]

Date:2023.01.03 05:21:10 +05:30

अनुज्ञप्ति संख्या-(Licence No.) P/SC/PY/19/1001 (P391570)

**नवीनीकरण के पृष्ठांकन के लिए स्थान**  
**SPACE FOR ENDORSEMENT OF RENEWALS**

यह अनुज्ञप्ति पेट्रोलियम अधिनियम, 1934 या नवीकरण की तारीख समाप्ति की तारीख अनुज्ञापन प्राधिकारी के हस्ताक्षर और उसके अधीन बनाए गए नियमों के उपबंधों या अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में फीस में किसी रियायत के बिना दस वर्ष के लिए नवीकरणीय होगी।

This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

	Date of Renewal	Date of Expiry of license	Signature and office stamp of the licencing authority.
1).	27/12/2019	31/12/2022	Sd/- AHIN NANDI Dy. Controller of Explosives For Jt. Chief Controller of Explosives Chennai
2).	03/01/2023	31/12/2025	Manmeet Singh Manhas Dy. Controller of Explosives For Jt. Chief Controller of Explosives Chennai

यदि परिसर, अनुज्ञप्ति के संलग्न शर्तों के अनुरूप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उन में से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक का हो सकता है, या जुर्माने से, जो एक हजार रूपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चात्कर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक का हो सकता है या जुर्माने से, जो पांच हजार रूपए तक हो सकता है, या दोनो से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

**Note:-This is system generated document does not require signature.**

प्ररूप XIX  
(प्रथम अनुसूची का अनुच्छेद 11 देखिए)

FORM XIX  
(see Article 11 of the First Schedule)

यन्त्रचालित यानों अर्थात् रिफ्यूलर द्वारा भू मार्ग से वर्ग क या वर्ग ख प्रपुंज पेट्रोलियम के परिवहन के लिए अनुज्ञप्ति  
**LICENCE TO TRANSPORT PETROLEUM CLASS A OR CLASS B IN BULK ON LAND BY  
MECHANICALLY PROPELLED VEHICLES VIZ. REFUELLER**

(क) वायुयानों के रिफ्यूलर के लिए पेट्रोलियम वर्ग क/ख  
या

(ख) वाहनों/मशीनरी/स्थिर उपकरणों में साईट पर रिफ्यूलिंग के लिए वर्ग क/ख पेट्रोलियम

(a) Petroleum Class A or B for Refueller of Aircrafts

or

(b) Petroleum Class A or B for on site refuelling of Vehicles/  
Machineries/Stationery Equipments.

अनुज्ञप्ति संख्या /Licence No. : P/SC/PY/19/1001(P391570)

फीस रूप /Fee Rs. 2000/- Per Year

**KARAIKAL PORT PVT.LTD., Kheezhavanjoor Village, Karaikal, Taluka: Karaikal, District: KARAIKAL, State: Pondicheri PIN: 609606** को वायुयानों/भारी यानों/मशीनरी/स्थैतिक उपकरणों में नीचे यथा वर्णित रिफ्यूलर द्वारा स्थल पर इंधन भरने के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों और उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अन्य/ शर्तों के अधीन रहते हुए प्रपुंज में वर्ग क/ख पेट्रोलियम के भूमि पर परिवहन के लिए अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to **KARAIKAL PORT PVT.LTD., Kheezhavanjoor Village, Karaikal, Taluka: Karaikal, District: KARAIKAL, State: Pondicheri PIN: 609606** to transport petroleum in bulk on land for onsite refueling of the Aircraft/Heavy vehicles/machineries/stationery equipments by the refueller as described below subject to the provision of the Petroleum Act, 1934 and rules made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31/12/2025 तक विधिमाम्य रहेगी।

The Licence shall remain valid upto the 31/12/2025.

जारी करने की तारीख /Date of issue April 12, 2017

For Jt. Chief Controller of Explosives  
SC, Chennai

विवरण /DESCRIPTION

- यान में लदाई संलग्न अनुमोदित नक्शा संख्या P/SC/PY/14/136(P203909) में वर्णित विशेष रूप से तैयार किए गए क्षेत्र में अनुज्ञप्त भंडारकरण परिसरों में की जाती है।  
The vehicle is loaded in the specially prepared area described in approved plan attached to Licence no. P/SC/PY/14/136(P203909).
- संक्रिया के क्षेत्र और भरे जाने वाले उपकरण **KARAIKAL PORT**.  
The area of operation and the equipments to be filled **KARAIKAL PORT**.
- रिफ्यूलर इससे संलग्न अनुमोदित आरेखण संख्या P/SC/PY/19/1001(P391570) दिनांक 24/04/2017 और नीचे दी गई विशिष्टियों के अनुरूप है :-  
The refueller conforms to the approved drawing No P/SC/PY/19/1001(P391570) Date 24/04/2017 attached hereto and to the further particulars given below :

मेक और माडल /Make and model	ASHOK LEYLAND \1616 IL	इंजन नंबर /Engine Number	FVEZ423704
चेसिस नंबर /Chassis Number	MB1A3CFD7FETT3940	रजिस्ट्रेशन नंबर /Registration Number	PY-02 Q3665
रजिस्ट्रिकृत स्वामी का नाम /Name of the registered owner	Karaikal Port Pvt.Ltd.,		
वाहन में ले जाने हेतु पेट्रोलियम के अधिकृत वर्ग /Class(es) of petroleum authorised to be carried in the vehicle.		Class B	

टैंक और कम्पार्टमेंटों की प्राधिकृत वहन क्षमता

AUTHORISED CARRYING CAPACITY OF THE TANK & COMPARTMENTS

कम्पार्टमेंट सं. (Compartment No.)	1	2	3	4	5	6	7	कुल क्षमता (किलोलीटर में) (Total Capacity in KL.)
किलोलीटर में क्षमता (Capacity in KL.)	11	0	0	0	0	0	0	11.00 KL

कुल लदा हुआ वजन 16200 किलोग्राम से अधिक नहीं होना चाहिए।

Gross Laden weight should not exceed 16200 Kgs.

पार्किंग पता /Parking Address : M/S.Karaikal Port Private Limited, Keezhavanjoor Village tr Pattinam, Karaikal, District: Karaikal, State: Pondicheri, pin: 609606.

**Note:-This is system generated document does not require signature.**



To,

Dr U. Sridharan,  
Additional Director  
Ministry of Environment and Forests  
Regional Office (Southern Zone)  
Bangalore- 560 034

Sir,

Sub: Environmental and CRZ clearance for the expansion of Karaikal Port (Phase II)  
Ref: No 10-42/2009-IA.III, dated 22.9.2009

The Ministry of Environment and Forest has accorded Environmental and CRZ clearance for the expansion of Karaikal Port (Phase II) letter dated 22<sup>nd</sup> September 2009 (No 10-42/2009-IA.) As per the general conditions stipulated in the EC letter, an advertisement was made in two local news papers informing the public regarding Clearance and the copies are enclosed as directed by the ministry to forward the same to the regional office, Bangalore.

We are also enclosing a report on the Environmental Monitoring Program covering the period from March 2009 to August 2009 for your kind consideration and the same has been already submitted to Pondicherry Pollution Control Committee.

Sincerely,

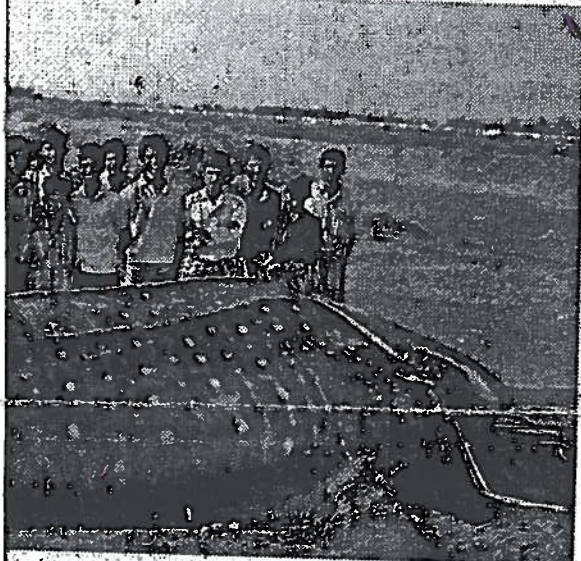
*MJB*  
14/10/09  
Manjunath Bhat  
Manager-Environment

Encl:

1. Copies of the Advertisement in the News Paper
2. Report on Environmental Monitoring Program

*sent through courier*

**KARAIKAL PORT PRIVATE LIMITED**



**KARAIKAL PORT PRIVATE LIMITED**

392 & 393, Rajiv Gandhi Salai, Kottivakkam, Chennai - 600 041.

Wishes to inform that its Phase II expansion project for its Karaikal Port has been accorded environmental and CRZ clearance by the Ministry of Environment and Forests, Government of India and copies of clearance letters are available with the Puducherry Pollution Control Board and also on the website of the Ministry of Environment and Forests at <http://www.envfor.mtc.in>.

Date : 13.10.2009 EXECUTIVE DIRECTOR

**Change of Name**

D. Narendran of Thiru D. Dhasarathan, born on 10 February 1990 (native district : Tiruchirappalli), residing at No. 2, New No. 4, Bharathidasan Street, Ponnakalipatti, Tiruchirappalli - 600 004, shall henceforth be known as **D. NARENDRAN, A.D.**

D. NARENDRAN, Tiruchirappalli, 4th August 2009.

**Change of Name**

V. Sadassivam, son of Thiru K. Veisamy born on 10th May 1968 (native district : Karur), residing at No. 3-277, P. Sellandipalayam, Pallapalayam Post, Karur - 639 002, shall henceforth be known as **V. SADASSIVAM.**

V. SADASSIVAM, Pallapalayam, 10th August 2009.

**SOUTHERN RAILWAY ANNOUNCEMENT**

As announced by Honourable Minister of Railways on 03/07/09 in the Budget Speech for 2009-10, the existing system of coupon books for credited press correspondents is being replaced by a **photo identity card based system**. Photo identification card will be issued by Railways to credited press correspondents instead of coupon books. Photo identification card will be issued on the production of the certification by the Press Information Bureau and other competent state and local authorities as per laid down Railway Board guidelines. This new system of concession based Photo Identity card along with increased concession (50%) on Rajdhani and Shatabdi trains will be effective from 15/10/09.

For further details and enquiry, the following may be contacted :

Senior Commercial Manager,  
Passenger Reservation System,  
Southern Railway, Chennai.  
Phone No.044-25351621  
**SERVING CUSTOMERS WITH A SMILE**

FORM No.5 (See Rule 25)  
Form of Advertisement of Petition  
IN THE HIGH COURT OF JUDICATURE AT MADRAS (Original Jurisdiction)  
COMPANY PETITION NO.225 OF 2009 CONNECTED WITH COMPANY APPLICATION NO.688 OF 2009  
In the matter of Companies Act, 1956 AND in the matter of Scheme of Amalgamation under Section 391 to 394 of the Companies Act BETWEEN In the matter of Scheme of Amalgamation of Salzer Cables Limited with Salzer Electronics Limited Salzer Electronics Limited a Company incorporated under the Companies Act, 1956 and having its Registered office at Samichettipalayam, Johipuram (Via), Coimbatore 641 047 Represented by its Director S. Baskara Subramanian

... PETITIONER / TRANSFEREE COMPANY

**FORM OF ADVERTISEMENT OF PETITION**

A petition under Section 391 to 394 of the Companies Act, 1956 for amalgamation / merger of Salzer Cables Limited with Salzer Electronics Limited as presented by petitioner on the 29th day of July 2009 and the said petition is fixed for hearing before the Company Judge on 26.10.2009. Any person desirous of supporting or opposing the said petition should send to the petitioner's advocates, notice of his intention, signed by him or his advocate, with his name and address, so as to reach the petitioner's advocate not later than two days before the date fixed for the hearing of the petition. Where he seeks to oppose the petition, the grounds of opposition or a copy of the affidavit shall be furnished with such notice. A copy of the petition will be furnished by the undersigned to any person requiring the same on payment of the prescribed charges for the same. Dated 16.9.2009.

K.J.Rebello  
S. Elambharathi  
A. Senthilnathan  
Sunitha. K  
(Advocate for petitioner)  
Address : No.364, Kurupam Court Lloyds Road, Gopalapuram, Chennai - 600 086.

FORM No.5 (See Rule 25)  
Form of Advertisement of Petition  
IN THE HIGH COURT OF JUDICATURE AT MADRAS (Original Jurisdiction)  
COMPANY PETITION NO.224 OF 2009 CONNECTED WITH COMPANY APPLICATION NO.685 OF 2009  
In the matter of Companies Act, 1956 AND in the matter of Scheme of Amalgamation under Section 391 to 394 of the Companies Act BETWEEN In the matter of Scheme of Amalgamation of Salzer Cables Limited with Salzer Electronics Limited Salzer Cables Limited a Company incorporated under the Companies Act, 1956 and having its Registered office at No.863, Coimbatore Main Road, Betanahallur, Karamadal - 641 004. Represented by its Director D. Rajeshkumar

... PETITIONER / TRANSFEROR COMPANY

**FORM OF ADVERTISEMENT OF PETITION**

A petition under Section 391 to 394 of the Companies Act, 1956 for amalgamation / merger of Salzer Cables Limited with Salzer Electronics Limited as presented by petitioner on the 29th day of July 2009 and the said petition is fixed for hearing before the Company Judge on 26.10.2009. Any person desirous of supporting or opposing the said petition should send to the petitioner's advocate, notice of his intention, signed by him or his advocate, with his name and address, so as to reach the petitioner's advocate not later than two days before the date fixed for the hearing of the petition. Where he seeks to oppose the petition, the grounds of opposition or a copy of the affidavit shall be furnished with such notice. A copy of the petition will be furnished by the undersigned to any person requiring the same on payment of the prescribed charges for the same. Dated 16.9.2009.

K.J.Rebello  
S. Elambharathi  
A. Senthilnathan  
Sunitha. K  
(Advocate for petitioner)  
Address : No.364, Kurupam Court Lloyds Road, Gopalapuram, Chennai - 600 086.

யல்  
கல்

அக்.14-  
போது  
லமை  
செயின்  
கிறது.  
2011-ம்  
வரை

மற்றும்  
ல 1/2  
ரகவே  
முடி  
றித்து  
லட்ச  
தனா  
சையில்,  
க்குள்  
மன்ற  
எனி  
தயமா  
இறுதி  
என்று

ங்கை  
தற்கு  
பரும்  
ளை  
வற்றி  
கட்  
தப்ப  
திபர்  
நடத்  
வற்றி



நீடாமங்கலம் ரெயில்வே கேட் பகுதியில் சாலையோரம் கழிவுநீர் சாக்களையில் கவிழ்ந்து கிடக்கும் உரம் ஏற்றிய லாரி.

**நீடாமங்கலம் அருகே**

**உரம் ஏற்றிய லாரி கழிவுநீர் கால்வாயில் கவிழ்ந்தது**

நீடாமங்கலம், அக்.14-  
நீடாமங்கலத்தில் உரம் ஏற்  
றிய லாரி கழிவுநீர் கால்வா  
யில் கவிழ்ந்தது.

**உரம் ஏற்றிய லாரி**  
திருவாரூர் மாவட்டம் நீடா  
மங்கலம் நகரில் நெடுஞ்சாலை  
பெறமுடியும் என்பதை கருத்  
தில் கொண்டு இந்த முடிவை  
ஆளும் சந்திரா கட்சி எடுத்  
துள்ளது.

யில் ரெயில்வே கேட்டை  
ஒட்டி கழிவு நீர் கால்வாய்  
செல்கிறது. இந்த நிலையில்  
நேற்று முன்தினம் சென்னை  
யில் இருந்து நீடாமங்கலத்  
துக்கு ரெயில் மூலம் 1308 டன்  
ஐ.பி.எல். டி.ஏ.பி. உரம்  
கொண்டு வரப்பட்டு லாரிகள்  
மூலம் தொடக்கவேளாண்மை  
கட்டுறவு வங்கிகளுக்கு  
அனுப்பி வைக்கப்பட்டது.  
இதன்படி நேற்று மதியம் 15

டன் டி.ஏ.பி. உரம் ஏற்றிய ஒரு  
லாரி திருவாரூர்மேல்வரம் நோக்கி  
ரெயில் நிலையத்தில் இருந்து  
புறப்பட்டது. அப்போது  
எதிரே வந்த வாகனத்திற்கு  
வழிவிட வாரியை சாலையின்  
ஒரம் ஒதுக்கிய போது லாரி  
கழிவுநீர் கால்வாயில்  
சாலையை அரித்துக்கொண்டு  
சரிந்தது. இதனால் லாரியில்  
இருந்த உரமட்டைகள் கீழே  
சரிந்தன.

**தலைமறைவு**

சம்பவ இடத்தில் இருந்து  
லாரி டிரைவர் தலைமறை  
வாகி விட்டார். இது குறித்த  
தகவல் அறிந்த  
நீடாமங்கலம் போலீஸ்  
இன்ஸ்பெக்டர் சமரசம் மற்  
றும் போலீசார் சம்பவ இடத்  
திற்கு விரைந்து சென்று விசா  
ரணை மேற்கொண்டனர்.  
லாரியின் டிரைவர் தலைம  
றைவானதால் அவர் யார்?  
எந்த ஊரைச் சேர்ந்தவர்? என  
தெரியவில்லை.

**மன்னார் குடி அருகே**

**ஆம்புலன்ஸ் மோதி விவசாயி பலி**

கோட்டூர், அக்.14-  
மன்னார் குடி அருகே உள்ள  
நெடுவாக்கோட்டை வடக்கு  
தெருவை சேர்ந்தவர் கந்தசாமி  
(வயது 60) விவசாயி. நேற்று  
இரவு 8 மணி அளவில் சைக்கி  
ளில் வீட்டுக்கு சென்று  
கொண்டிருந்தார். அப்போது  
மன்னார் குடியில் இருந்து தஞ்  
சைக்கு சென்ற ஆம்புலன்ஸ்  
வேன் ஒன்று சைக்கிள் மீது  
மோதியது. இதில் படுகாயம்  
அடைந்த கந்தசாமி ஆஸ்பத்  
திரிக்கு கொண்டு செல்லும்  
வழியில் பரிதாபமாக செத்  
தார். இது குறித்து மன்னார்  
குடி போலீசார் வழக்குப்பதிவு  
செய்து ஆம்புலன்ஸ் டிரைவர்  
காமராஜை கைது செய்தனர்.  
மேலும் விசாரணை நடந்து  
வருகிறது.

வாடிக்கையாளர்களுக்கு தித்திக்கும் தீபாவளி நல்வழித்துக்கள்!

**உங்கள் மனதிற்கு  
பிடிக்கு ஏராளமான  
டிசைன்களில்  
புதிய பொலிவுடன்**



**சாகரி சில்க் ஹவுஸ்  
ரெடிமேட்ஸ்**

5/7, பெரியகடைத்தெரு,  
மன்னார் குடி-614001. போன்: 252266.

கலைஞரின் பொற்கால ஆட்சியில்  
இணைவரையும் வாழ்க! வாழ்க! என உயிர் தழுவால்  
தீபாவளி வாழ்வுகளை தெரிந்துகொள்கிறோம்.

**சின்னீட்டர் தட்டிப்பீட்டர்? கேல் ஷலை உயர்ஷர்?**  
இன்கஷலை கில்லை.

**ஆரோ கிப்ட் கார்னர்**

ஆடி சிறிய ஷிப்பை ஆண்டு முழுவதும்  
**இண்டக்ஷன் ஸ்டல்**  
(Direct Importer)

ISO 9001:2000 Company  
**ரூ.1750/-** முதல் 1 வருட & 2 வருட உத்தரவாதத்துடன்  
ஷிப்பை இலவச பாததிரங்களுடன் கிடைக்கும்.

நாகை, தஞ்சை, திருவாரூர், காரைக்கால், கடலூர்  
மாவட்டங்களில் அங்கீகரிக்கப்பட்ட Distributor, தேவை.

சியமீதர் மேக்கர்	ரூ. 2000	2500
கிளிக்சன் டிரைக்கர்	ரூ. 1000	2500
மிக்கி குக்கர் (1 ஷீ)	ரூ. 200	250

3, 5, 7, 9 வீட்டு அங்கீகரிக்கப்பட்ட கிடைக்கும்.  
27, மாப்பறா கால்பள்ளம், பெரிய கடைத்தெரு, மாப்பறா தெரு - 1  
செல்: 9842475117, 222903

**காரைக்கால் போர்ட் பிரைவேட் லிமிடெட்**  
392 & 393, ராஜீவ் காந்தி சாலை, கொட்டிவாக்கம், சென்னை-600 041.

இதன் மூலம் காரைக்கால் துறைமுகத்தின் கிரண்டாம்  
கட்ட விளிவாக்கத் திட்டத்திற்கு சுற்றுச்சூழல் மற்றும் கடற்கரை  
ஒழுங்குமுறை மண்டலத்தின் (CRZ) கீழ், இந்திய அரசின்  
சுற்றுச்சூழல் மற்றும் வனத்துறை அமைச்சகத்தால் அனுமதி  
வழங்கப்பட்டுள்ளது என்று தெரிவித்துக் கொள்ளப்படுகிறது.  
மேற்படி அனுமதி கடிதத்தின் நகல்கள் புதுச்சேரி மாசுக்கட்டுப்பாட்டு  
வாரியத்திலும் மற்றும் சுற்றுச்சூழல் வனத்துறை அமைச்சகத்தின்  
இணையதளமான <http://www.envfor.nic.in> இலும் உள்ளது.

தேதி: 13.10.2009  
செயலாக்க இயக்குநர்



KPP/ENV/MoEF&amp;CC/EC-CRZ /2023/04

Date:18<sup>th</sup> October 2023

To

**The Regional Officer, Integrated Regional Office (IRO),**  
Ministry of Environment, Forest & Climate Change (MoEF&CC),  
1<sup>st</sup> Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road,  
Nungambakkam, Chennai - 600006

**Subject:** Submission of Compliance Report by end of 30<sup>th</sup> September, 2023 – Regarding

**Reference:**

Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009 and its amendment dated 05<sup>th</sup> August 2021), from Govt of India, Ministry of Environment, Forest and Climate Change

Respected Sir,

As per the conditions stipulated in Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009 and its amendment dated 05<sup>th</sup> August 2021), from Govt of India, Ministry of Environment, Forest and Climate Change IA.III Section (MOEF&CC, IA.III Section), herewith we are submitting the status of compliance reports including results of monitored data for the period of April to September 2023.

Thanking you,

Yours faithfully,

**(Prabu Ananth B)****Authorized Signatory**

Cc:

- **The Regional Director**, CPCB Regional Directorate/Project Office, Second Floor, No.77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk, Thiruvallur District, Chennai 600 058
- **The Member Secretary**, Puducherry Pollution Control Committee (PPCC), Department of Science, Technology & Environment, 3rd Floor, PHB Building, Anna Nagar, Puducherry 605 005.

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U4520PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal – 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

www.karaikalport.com







**Karaikal Port Private Limited 3rd Party Harbour Basin Sediment Results from Oct 2023 to Mar 2024**

Parameters	Unit	Procedure	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
<b>Sample on</b>			<b>16.10.2023</b>	<b>21.11.2023</b>	<b>14.12.2023</b>	<b>30.01.2024</b>	<b>16.02.2024</b>	<b>22.03.2024</b>
<b>Latitude:</b>			<b>N 10°49'57.25"</b>	<b>N 10°49'54.57"</b>	<b>N 10°49'54.35"</b>	<b>N 10°49'54.25"</b>	<b>N 10°49'54.28"</b>	<b>N 10°49'55.23"</b>
<b>Longitude:</b>			<b>E 79°50'57.83"</b>	<b>E 79°50'57.06"</b>	<b>E 79°50'57.08"</b>	<b>E 79°50'56.42"</b>	<b>E 79°50'56.63"</b>	<b>E 79°50'57.45"</b>
pH @ 25°C (1:10 ratio)	-	IS:2720 Part 26-1987 (Reaff:2016)	7.69	7.8	8.15	7.88	8.08	7.01
Iron as Fe	%	USEPA 3050 B -1996 & USEPA 6010C - 2000	6.73	3.78	2.19	1.43	3.6	1.68
Zinc as Zn	mg/Kg		87.7	40.6	73.4	44.5	81	27.1
Manganese as Mn	mg/Kg		785	251	597	334	442	88.7
Cadmium as Cd	mg/Kg		BDL	BDL	BDL	BDL	BDL	BDL
Chromium as Cr	mg/Kg		118	40.6	91.4	137	84.8	28.9
Mercury Hg	mg/Kg		BDL	BDL	BDL	BDL	BDL	BDL
Nitrite as NO <sub>2</sub>	mg/Kg		APHA 23 <sup>rd</sup> Edn. 2017 – 4500 NO <sub>2</sub> -B	0.78	0.85	0.79	0.99	0.76
Nitrate as NO <sub>3</sub>	mg/Kg	APHA23 <sup>rd</sup> Edn. 2017 – 4500 NO <sub>3</sub> -B	584	561	611	612	425	484
Free Ammonia as NH <sub>3</sub>	mg/Kg	APHA 23 <sup>rd</sup> Edn. 2017 – 4500 NH <sub>3</sub> -B,C	3.24	3.7	4.2	7.77	4.32	4.32
Total Nitrogen	mg/Kg	IS : 10158 - 1982 (Reaff:2019)	1046	963	1031	1032	991	1181
Inorganic Phosphate	mg/Kg	IS : 10158 - 1982 (Reaff:2019)	697	271	508	301	506	496
Total Phosphate as P	mg/Kg	IS : 10158 - 1982 (Reaff:2019)	706	274	512	306	519	501
Silica as SiO <sub>2</sub>	%	IS: 1917 Part-3 – 1992 (Reaff: 2005)	60.87	54.72	58.13	60.08	59.12	72.3
OIL & Grease	mg/Kg	USEPA 9071 B - 1998	BDL	BDL	BDL	BDL	BDL	BDL
Magnesium as Mg	mg/Kg	USEPA 3050 B -1996 & USEPA 6010C - 2000	21700	5427	16613	7773	12335	2124
Nickel as Ni	mg/Kg		49.4	41.9	39.2	21.5	30.5	BDL
Lead as Pb	mg/Kg		BDL	BDL	BDL	BDL	BDL	BDL
<b>FAUNAL GROUP</b>								
			<b>MACROBENTHOS</b>					
<b>Rotaliidae,Bolivintidae,Hauerinidae,Gastropoda &amp; Bivalvia, Nematodes &amp; Crustaceans</b>			150	160	140	130	150	160
			<b>MEIOBENTHOS</b>					
<b>Nematodes,Foraminifera sp, Gastropoda Larvae, Bivalvia Larvae &amp; Fish eggs.</b>			690	680	670	680	690	710
<b>Note:</b> BDL: Below Detection Limit DL: Detection Limit								

## Karaikal Port Private Limited - Noise Level Results from Oct 2023 to Mar 2024

Sampling Locations: 1. Location 1    2. Location 2    3. Location 3																				
Month		Oct-23				Nov-23			Dec-23			Jan-24			Feb-24			Mar-24		
Date of Sampling		17.10.2023 to 18.10.2023				22.11.2023 to 23.11.2023			14.12.2023 to 15.12.2023			29.01.2024 to 30.01.2024			15.02.2024 to 16.02.2024			21.03.2024 to 22.03.2024		
S.No	Time	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)
1	07.00 AM	47.9	47.3	48.3	46.9	46.8	47.5	47.2	46.2	47.1	47.6	45.9	47.5	46.9	45.7	47.2	46.5	46.2	48.3	47.1
2	8	48.5	48.6	49.6	47.3	47.9	49.1	49.6	46.9	48.6	50.2	46.7	48.9	48.5	46.5	48.6	47.9	46.9	48.9	48.2
3	9	50.3	49.1	51.3	49.5	48.5	50.6	50.2	48.4	49.7	51.3	48.4	50.2	50.7	47.9	50.9	49.2	49.2	50.7	49.6
4	10	51.7	51.4	51.7	50.4	50.3	51.2	49.3	49.6	50.9	52.7	49.1	51.2	50.2	48.6	52.3	50.3	49.6	51.9	50.5
5	11	50.6	51.6	52.3	51.2	50.9	51.8	47.6	49.5	51.3	50.1	49.3	51.6	49.5	49	52.6	50.1	49.2	52.3	50.3
6	12.00 PM	49.5	51.7	51.9	51.3	50.2	50.7	48.2	49.9	51.6	48.5	48.6	50.9	48.7	48.5	51.8	49.5	48.8	52.7	50.7
7	1	49.3	50.8	51.3	51.6	49.7	50.5	49.7	50.2	51.1	50.6	48.5	51.4	48.1	48.2	51.2	48.7	48.5	52	49.8
8	2	49.0	50.6	50.7	50.7	50.3	50.9	50.8	50.0	50.2	51.7	48.3	51.6	49.2	47.9	51.9	50.3	48.1	51.6	51.2
9	3	51.2	51.2	51.3	50.1	50.7	51.1	50.2	50.6	49.7	48.3	47.6	50.9	50.5	48	51.3	50.8	47.6	52.3	51.6
10	4	50.7	51.3	51.6	49.2	51.4	50.9	50.7	49.8	50.4	47.2	47.2	50.3	50.1	47.6	50.8	49.9	47.2	52.7	49.3
11	5	50.5	50.9	51.8	50.5	51.2	51.4	51.3	50.2	50.9	48.9	48.3	50.8	48.7	48.1	51.1	49.1	47.9	52.6	50.2
12	6	51.4	50.1	51.6	51.3	50.7	52.2	51.9	50.7	51.7	50.7	48.9	51.3	48.9	48.6	51.6	48.6	48.3	53.1	50.7
13	7	52.8	49.7	50.9	51.7	48.9	51.6	52.4	49.2	52.0	51.6	49.3	51.8	50.6	49.1	52	49.2	48.9	52.4	51.3
14	8	53.4	48.3	50.4	51.4	48.2	49.9	51.8	47.6	51.3	52.1	49.6	51.1	51.3	48.7	51.8	50.3	49.1	51.6	50.9
15	9	53.7	48.0	48.8	50.6	47.3	48.7	49.7	46.2	49.5	51.3	48.7	50.3	51.0	48.3	49.9	50.1	48.5	48.6	50.2
16	10	51.9	47.5	47.3	48.2	46.6	47.2	48.5	45.4	47.9	48.7	47.1	48.5	48.2	46.9	48.3	49.7	47.1	47.3	48.6
17	11	48.6	45.9	47.1	47.3	45.2	46.6	47.2	44.7	47.1	47.3	45.3	48.1	46.8	45.8	47.2	48.2	46.3	45.9	47.2
18	12.00 AM	45.1	44.6	46.2	45.9	44.1	45.4	44.8	44.1	45.3	45.8	44.7	47.3	44.7	44.5	46.9	46.3	45.1	44.3	45.9
19	1	44.3	45.1	44.9	45.2	44.9	44.8	43.5	43.5	44.5	44.1	43.9	45.9	43.8	44	45.2	44.2	44.6	44.6	43.8
20	2	43.2	45.3	44.6	44.1	43.7	44.1	42.7	42.7	43.8	42.9	43.6	44.8	43.1	43.8	44.3	43.4	44.1	43.7	43.1
21	3	42.9	46.1	43.8	43.2	43.2	43.5	42.8	42.6	42.9	42.6	43.5	44.1	42.9	43.2	45.2	42.5	43.7	43.9	42.8
22	4	42.7	44.2	43.2	42.8	44.5	44.2	41.6	43.2	42.6	42.1	43.9	43.7	42.7	43.5	44.8	42.9	43.1	44.8	43.4
23	5	44.8	42.7	44.9	44.6	45.7	45.6	42.3	43.9	44.5	43.5	44.5	45.9	44.1	44.1	45.3	43.8	44.6	45.7	43.9
24	6	46.1	45.3	46.1	46.2	45.9	46.7	45.1	44.7	46.2	45.7	45.2	46.8	45.9	45	46.8	45.5	46.3	47.1	46.2



Ref No: KPPL/ENV/PPCC/AES/2024/01

Date: 29.04.2024

To

**The Member Secretary,**

Puducherry Pollution Control Committee,

Department of Science, Technology & Environment,

Puducherry – 605 005.

Sub: Submission of Annual Environmental Statement in Form V for the Financial Year 2023-24

Respected Sir

Please find attached an Annual Environmental Statement in Form V for the financial year ending 31<sup>st</sup> March 2024.

Thanking you.

Yours Sincerely,

(Muralidhar.B)

Authorized Signatory

Encl: Annual Environmental Statement Form V: 2023-24

Cc:

The Regional Officer, Integrated Regional Office, Ministry of Environment, Forest & Climate Change (MoEF&CC), 1<sup>st</sup> Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road, Nungambakkam -600006

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

# KARAIKAL PORT – ENVIRONMENTAL STATEMENT | 2023-24

## ENVIRONMENTAL STATEMENTS

### FORM – V (See Rule 14)

The Ministry of Environment & Forest vide its notification dated 13<sup>th</sup> March, 1992 directed all industries which need to have consent under Water (Prevention & Control of Pollution) 1974 and Air (Prevention & Control of Pollution) 1981 to file the environmental statement every year. This is to be filed for the period ending March by September every year. The format for the same is as follows:

Environmental Statement for the financial year ending the 31<sup>st</sup> March, 2024

#### PART – A

- i. Name and Address of the owner/occupier of the industry operation or process.

Karaikal Port Private Limited,  
Keezhvanjore Village  
T.R.Pattinam – 609606  
Phone: +91 4365 256600  
Fax: +91 4365 256603

- ii. Industry category Primary : **Infrastructure(4400)** ; Secondary : **Minor Port** (SIC Code)

- iii. Production capacity 21.5MMTPA(Handling Capacity)

Cargo Quantity is 17.5 MMTPA (Coal 10 MMTPA+ General Cargo 3.5 MMTPA +Crude & Petroleum 1 MMTPA+ Edible Oil 0.5 MMTPA + Sand 1 MMTPA + Cement in Bulk 0.5 MMTPA+ LNG 1 MMTPA) as per the Consent from Puducherry Pollution Control Committee.

- iv. Year of Establishment:2006 with the issue of EC. Port operations started in the year 2009.
- v. Date of the last environmental statement submitted, 03.04.2023

#### PART – B



## KARAIKAL PORT – ENVIRONMENTAL STATEMENT | 2023-24

### Water and Raw Material Consumption

- i. Water consumption m<sup>3</sup> / day: 350 KL (Domestic, Supply to Ships, Gardening, Fire Service & Pollution Control & Miscellaneous) as per the water consent order.

Process: Effluent & Sewage Treatment Plants, Gardening, Miscellaneous consented quantity is 150 KLD

Cooling : Pollution Control (Dust Suppressions), Fire Services consented quantity is 160 KLD

Domestic : 40 KLD

Name of Products	Process water consumption per unit of product output.	
	During the previous financial year	During the Current financial year
	(1)	(2)
No manufacturing activities are carried out and therefore this table is not applicable. The Port activity does not involve any product to be generated except for the operation of the port in material handling. Hence there is no water consumption per product generated. However the water is consumed for the purposes as mentioned above.		

- ii. Raw Material Consumption

*Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year	During the Current financial year
No manufacturing activities are carried out and therefore this table is not applicable. The Port activity does not consume any raw materials and make any products. It is a Port infrastructure project. Hence there is no consumption of raw material involved.			

### PART – C

Pollutants discharged to environment / unit of output  
(Parameter as specified in the consent issued).

# KARAIKAL PORT – ENVIRONMENTAL STATEMENT | 2023-24

Pollutants		Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a)	Water	No pollutant is discharged for operation of the port project.	Nil	Nil
(b)	Air (Ambient air pollutants at the site)	Not applicable  No manufacturing activities are carried out.		No variations (Pollutants values are under prescribed standards of PPCC/CPCB)
	PM <sub>10</sub>		58.8 µg/m <sup>3</sup>	
	PM <sub>2.5</sub>		36.5µg/m <sup>3</sup>	
	SO <sub>2</sub>		14.3 µg/m <sup>3</sup>	
	NO <sub>2</sub>		15.8 µg/m <sup>3</sup>	
	CO		Below Detectable Limit (Detectable limit is 1 mg/m <sup>3</sup> )	

## PART – D

### Hazardous Wastes

(as specified under Hazardous Waste Management and Handling Rules, 2016)

Hazardous Waste		Total Quantity (Kg.)	
		During the year 2022-23	During the current 2023-24
(a)	From process (Heavy equipment such as the Front end Loaders and other earth moving equipment)	1. Used Oil– No disposal to registered recyclers – Accumulated & Generated Qty -12700 (61 barrels approx.)	1. Used oil Generated – 13430 (Litres) – Disposed -24972 – Stock -1169
(b)	From pollution control facilities	2. Waste Residue containing oil – No disposal - Accumulated & Generated Qty -0.9 Ton (192 Filters approx..)	2. Waste residue containing oil – Generation - 3

## KARAIKAL PORT – ENVIRONMENTAL STATEMENT | 2023-24

		<p>Sludge and Filters contaminated with Oil from Ships – 108.2 to Southern Petro Coal;</p> <p>Battery – No disposal – Accumulated &amp; Generated 182 Numbers</p>	<p>Foam Pigs – No disposal – Stock – (0.9 Ton)</p> <p>3. Sludge and Filters contaminated with Oil – Generated &amp; disposed off – 200.57 MT</p> <p>4. Battery – Generation 161 Numbers Accumulation 182 Disposed off – 300 numbers Stock – 43 Numbers</p>
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### PART – E

#### Solid Wastes

Solid Waste		Total Quantity (Kg.)	
		During the FY 2022-23	During the FY 2023-24
(a)	From process	Processes from this Project activity does not generate any Solid Waste	
(b)	From pollution control facilities	Nil	Nil
(c)	(1) Quantity recycled or re-utilized within the unit	988 Kg/Annum	4365 Kg/Annum
	(2) Sold	Nil	Nil

	(3) Disposed	58420 Kg/Annum	67950 Kg/Annum
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Sources of Solid Waste generation are from Labour Canteen - Kitchen, Garden and Admin Office Buildings. All the recyclable waste such as Paper, Plastics are disposed as per the Solid Waste Management Rules, 2016. Biodegradable waste such as Kitchen & Garden waste are composed as manure through vermi composting method. The manure is being used for the Development of Green Belt & in the Nursery.

**PART – F**

**Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

Karaikal Port generates both Bio-degradable and Non-Biodegradable Waste. Wastes generated from Kitchen, Office Buildings and Green Belt Area are bio-degradable wastes. Non Bio-degradable Hazardous waste generated from material handling systems and equipment’s categorized as used oil or spent oil, waste containing oil including foam pigs. Ship related waste such as sludge containing oil, sludge and filter contaminated with oil, Ballast Water containing oil from ships are also falls under Hazardous Waste Category.

All Bio-Degradable wastes are segregated at source and the wastes which are recyclable sent as per the Solid Waste Management Rules, 2016. Wastes which are used for composting to convert in to manure and used for Horticulture and Green Belt Development.

Hazardous Waste is being disposed to the registered recyclers as per the Hazardous Waste Management Rules, 2016.

**PART – G**

**Impact of the pollution abatement measures taken up on conservation of natural resources and on the cost of production.**

Dust Suppression System: Dry Fog Dust Suppression (DFDS), Water Sprinklers, Road Wetting by dedicated Water Tankers and Tractors were installed for controlling fugitive dust emissions during bulk cargo handling which is pre-dominantly coal.

Dust Containment System: Windscreen all along the Coal Yard & Railway siding at a height of 15M to capture the air-borne dust to handling of coal.

Sewage Treatment Plant: STP of capacity 25 KL/Day have been installed to collect wash-water and kitchen water, sewage and treated using physico-chemical and biological treatment. The treated sewage has been recycled for Green Belt Development thus replacing the freshwater requirement for Green Belt Requirements.

Vehicle Wash Treatment Plants: Vehicle Wash water is collected and treated for physico-chemical treatment and the water is reused.

Tyre wash system installed for outbound coal cargo truck is in place where the wash-water after treatment is reused back in to system

For collection of rainwater during monsoon and other season, rain water harvesting pond developed at 3 locations in the port Premises

Contour bund along the arterial road inside the port have been developed for a length of 1000m which will retain and regulate the water to the green belt areas.

Guard Pond covering the open stock yard inside the port to collect runoff water has been developed at Mechanization Area.

Green Belt & Horticulture Development: Port has planted more than 2, 72,650 trees since 2010

Environment & Sustainability: - Senior Manager – Environment head the Department supported with Manager, Associate Manager, Officers. The key functions of the Department are to demonstration of environmental compliance for EC, Consent to Operate Conditions issued under Air and Water Act, Compliance to Authorization obtained under Hazardous & Other Wastes (Management and Handling) Rules, 2016. It involves operation and maintenance of Pollution Control System installed for control of fugitive dust emissions, washwater treatment, sewage treatment plant. It develops and implement the waste management system for Solid Waste, Plastic Waste and Battery Waste Rules and ensure for its compliance. 3 Continuous Ambient Air Quality Monitoring Stations installed at Port Premises for Particulate Matter (PM<sub>2.5</sub>, PM<sub>10</sub> and CO) and Gaseous Emission on 24x7 for 365 days. The server connected to PPCC Server for continuous monitoring and surveillance.

Separate Horticulture and Green Belt Development functions for making port greenery and develop in-house for seedlings, saplings for tree plantation. 30 Womens from adjoining villages are engaged for this purpose and received training on Horticulture

Waste generated from Port premises such as tree cuttings, leaf are sent for mulching, soil collected on roads are used for nursery growth, plastic rope trimmings used for tarpaulin cover for truck and rail wagon used for tying tree protection fencing, cut thomy bushes has been reused for protection of small shrubs, plants from Live Stocks thus ensuring sustainable waste management practices.

### **PART – H**

#### **Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

- Permanent corrugated wind screen have been erected all along the coal yards
- Efficient water spraying methods have erected and commissioned at South Coal Yard
- Efficient water spraying methods have been erected and commissioned such as the high pressure water monitors and water sprayer machines.
- Dust Suppression System Sprinklers have been installed at mechanized coal yard

- Dry Fog Dust Suppression System installed at Transfer Tower located at Material Handling System
- Road Sweeping Machine deployed for collection of road side dust
- Road Wetting done through dedicated water tankers for maintaining the road in wet condition to prevent settled road dust emission gets air-borne.

Effective Environmental Management Plan have been put in place and monitored through 24x7 ( 3 shifts) through deployment of manpower for monitoring and control of fugitive dust emission thus ensuring the Ambient Air Quality in and around the port premises meeting the norms and standards prescribed by PPCC.

Mechanized Coal Handling System comprises of the following

1. Ship Unloaders
2. Stacker and Reclamier
3. Truck Loading System
4. Wagon Loading System
5. Conveyor System Package

The above system have been commissioned during October 2018 for efficient discharge of coal from ship and deliver to rail wagon through wagon loading system. It is considered as energy efficient, environment friendly operation, cost effective, productive and clean operation. This has prevented the manual handling of coal right from the ship to rail wagon thus eliminating fugitive dust emission and thereby compliance to the conditions stipulated by PPCC and MoEF&CC – Environmental Clearance.

### **PART – I**

#### **Any other particulars for improving the quality of the environment.**

- Green Belt Development being implemented on a regular basis. Various variety such as Pungam, Casuarinas, Ashoka, Conocarpus etc., are planted in suitable location. Around 82 species are being maintained in & around Port.
- 30 hectares area of green belt were strengthened with variety of species.
- 8000 Sq. Feet area of landscape have been developed during
- 3000 Sq. Feet area of Vegetable garden was developed.
- Pipeline arrangement made from STP to garden area for irrigation.
- Massive tree plantation carried out for World Environment Day, International Forest Day & other special occasions a maximum of 5800 saplings



KPPL/ ENV/ MoEF&amp;CC/2020/01

29.06.2020

To

Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forests and Climate Change,  
Regional Office (SEZ),  
Chennai – 34

Sub: Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009),  
from Govt of India (GoI), Ministry of Environment, Forest and Climate Change (MoEF&CC) –  
Project Completion Regarding

Ref: MoEF&CC : EC & CRZ Letter No.10 - 42/2009 - IA – III, dated 22.09.2009

Sir,

Karaikal Port Private Limited has been accorded Environmental & CRZ Clearance (Letter No.10 - 42/2009 - IA – III, dated 22.09.2009), for expansion of Karaikal Port (Phase II) from Govt of India (GoI), Ministry of Environment, Forest and Climate Change (MoEF&CC). The validity of said Environmental & CRZ Clearance had been extended for a period of three years i.e up to 21.09.2017 (Ref: MoEF&CC Letter dated 03rd Feb,2015) & subsequently extended for a period of two years i.e up to 21.09.2019 (Ref: MoEF&CC Letter dated 14th May,2018)

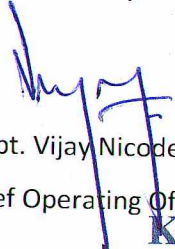
With reference to the above subject, it is informed that, Karaikal Port Private Limited has completed the Phase II activities as stipulated in the above said Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009) issued by GoI, MoEF&CC.

The said Project (Phase II) has been completed and operations have started.

We have been submitting six monthly compliance reports on the General & Specific conditions stipulated in the said Environmental & CRZ Clearance regularly. We will continue the same.

Thanking you,

Yours faithfully,



(Capt. Vijay Nicodemus)

Chief Operating Officer

**KARAİKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

Corporate Office

New No.145 (Old No. 81) Royapettah High Road, Mylapore, Chennai - 600 004. Landmark - Tiruvalluvar Statue Bus Stop.

Tel : +91 44-4562 2000 Fax : +91 44-4562 2080

[www.karaikalport.com](http://www.karaikalport.com)

**NGT – Joint Committee Report dated 19.02.2019 to 22.02.2019-Recommendations**

<b>S.No.</b>	<b>Joint Inspection Report - Recommendations</b>	<b>Status up to 31<sup>st</sup> March 2024</b>
1	M/s. Karaikal Port should ensure to handle most of the coal through a mechanized system	As per the Consent conditions from PPCC, most of the Coal cargo is being handled through Mechanized system only.
2	Optimized water sprinkling shall be carried out at all the points of unloading and loading from ship to conveyor, conveyor to storage	Automated Dry Fog Dust Suppression (DFDS) and Water Sprinklers are installed at Mechanized area and Coal Yards and are operated as per requirements.
3	Should minimize the intermittent interruption of the mechanized process operations and adopt sequential start and stop operations	<p>After commissioning of mechanization in October 2018, the overall process has been stabilized and operated efficiently with sequential start and stop operations.</p> <p>Interruption and stoppage has been minimized based on the experience resulted in improved discharge rate from vessel.</p>
4	Ensure all the pollution control measures are proper and continuously functioning at all times	<p>All the Pollution Control measures are in place &amp; being operational at all times. Operational records are maintained at site.</p> <p>Monthly reports of the same are being sent to PPCC regularly.</p>
5	Green Belt should be strengthened further around the Karaikal Port premises particularly towards Keelavanjur Village.	<p>KPPL planted around 2,85,819 No's of saplings in &amp; around the Port premises.</p> <p>Around 19,645 saplings were planted towards Keezhavanjore Village since July 2017 in a phased manner.</p> <p>Around 7569 saplings were planted during the FY 2023-2024</p>
6	Improved version of windscreens shall be erected and damaged windscreens shall be rectified periodically	All the damaged wind screens are being replaced immediately & records maintained at site.



S.No.	Joint Inspection Report - Recommendations	Status up to 31 <sup>st</sup> March 2024
		<p>Permanent corrugated wind screen has been made all along the Coal Yards (2023-24)</p> <p>Compliance report on the same is being submitted to PPCC regularly</p>
7	<p>All the loaded vehicles (Truck &amp; Wagons) shall be covered by Tarpaulin before it leaves Port premises.</p>	<p>All the outgoing loaded trucks and rail wagons have been covered with high quality of tarpaulin to avoid the rise of fugitive dust emissions as well as spillages.</p>
8	<p>Additional precautionary measures shall be implemented in controlling the surge loads of the emissions emanating from the operation process by adopting backup power supply to all essential operations and dust suppression system.</p>	<p>Continuous Ambient Air Quality Monitoring Systems installed at Port Premises are regularly monitoring the dust concentration in ambient air quality.</p> <p>Port operations are carried out as per Standard Operating Procedure (SOP). In case of surge or higher dust concentration observed, cargo operations team will be alerted about the dust level in order to minimize or stoppage of specific operations.</p> <p>Power back up facility has been provided for on-line monitoring systems.</p>
9	<p>Areas like vehicles and tyre washing and its waste water collection system shall be improved without any spillage on the ground and to properly collect and adequately treat the waste water.</p>	<p>Improved water spray system (High quality nozzles) for vehicle and tyre wash facility has been Installed to avoid the spillages on the ground. The entire treatment facility waste water is being recycled &amp; utilized.</p>
10	<p>The air quality data measured by continuous ambient air quality monitoring stations shall be Analysed time to time so as to satisfy with all plausibility checks to take action on higher concentrations measured and to display true concentration of the</p>	<p>All the CAAQM station data's are closely monitored and hourly time series data &amp; day average data are being analyzed.</p>

S.No.	Joint Inspection Report - Recommendations	Status up to 31 <sup>st</sup> March 2024
	Particulate Matters to the public at large.	
11	KPPL shall continue to serve and further strengthen the corporate social response (CSR) activities in the neighborhood which includes School Buses for the School children , Tution Centres, Self Help Group (SHG) for the ladies from the neighboring villages Medical Centre camps etc. This shall improve the better confidence on their health among the public.	CSR is on-going activities as part of social welfare program. In addition to this, an amount of Rs.25 Lakhs have been deposited with District Collector- Karaikal as per the direction of NGT for welfare of village people