karaikal port

SCES 047
SCES 060
QS SWISS CERTIFICATION
ISO 9001
ISO 14001
OHSAS 18001

Ref No: KPPL/ENV/PPCC/2017/24

Date: 04.05.2017

To

The Member Secretary,

Puducherry Pollution Control Committee,

Department of Science, Technology & Environment,

Puducherry – 605 005.

Sub: Submission of Environmental Statement in Form V for the Financial Year 2016-17

Sir,

Please find attached an Annual Environmental Statement in Form V for the financial year ending 31st March 2017.

Thanking you.

Yours Sincerely,

(Capt. Prasad Rebala)

Chief Operating Officer

Encl: Annual Environmental Statement Form V: Apr 2016 – Mar 2017.

Cc:

The Additional Principal Chief Conservator of Forests (C),Ministry of Environment, Forest & Climate Change (MoEF&CC), Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34.

4/5/2017
Department of Science, Technology & Environment
Regional Office
Karaikal

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

Corporate Office

Chettinad Business Chamber, 3rd Floor, Dr. Radhakrishnan Salai, 5th Street (Near AVM Rajeswari Marriage Hall)
Mylapore, Chennai 600 004. Tel. : +91 44 4562 2000 Fax : +91 44 4562 2082

www.karaikalport.com

ENVIRONMENTAL STATEMENTS

FORM – V
(See Rule 14)

The Ministry of Environment & Forest vide its notification dated 13 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 31st March 2017.

PART – A

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

Corporate Office	Registered Office	KPPL Site office
Karaikal Port Private Limited Chettinad Chambers, 3rd Floor, No.39, Radhakrishnan Salai 5th Street, Mylapore Chennai – 600 004 Ph: +91-44-4562-3000 Fax: 044 4562 3080	Karaikal Port Private Limited, 81/A Maideen Palli Street Post Box No 33 Karaikal - 609602 India Phone: +91 4368 224773	Karaikal Port Private Limited, Keezhvanjore Village T.R.Pattinam – 609606 Phone: +91 4365 256600 Fax: +91 4365 256603

ii. Industry category Primary____ (STC code) ; Secondary____(SIC Code)

iii. Production capacity 21.5 MMTPA Units . (Handling Capacity)

Cargo Quantity is 15.5 MMTPA (Coal 10 MMTPA+ General Cargo 2 MMTPA + Crude & Petroleum 1 MMTPA+ Edible Oil 2.5 MMTPA) as per the NOC & minutes from Puducherry Pollution Control Committee.

iv. Year of establishment 2009.

v. Date of the last environmental statement submitted, 14.07.2016

PART – B

Water and Raw Material Consumption

i. Water consumption m^3 / 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 Product	Process water consumption per unit of product output.		
	During the previous financial year	During the Current financial year	
1	2	3	
(1)			
(2)			
(3)			
(ii)	Raw Material Consumption	N.A	
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

Polluting Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART – C

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

Pollutants		Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume) – (Annual Average)	Percentage of variation from prescribed standards with reasons
(a)	Water	No specific pollutant discharged into the water		
(b)	Air	PM_{10}	46.33 $\mu g/m^3$	No variations (Pollutants values are under prescribed standards)
		$PM_{2.5}$	24.51 $\mu g/m^3$	
		SO_2	9.15 μg^3	
		NO_2	11.6 $\mu g/m^3$	
		CO	Below Detectable	

PART – D

HAZARDOUS WASTES
(as specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waste		Total Quantity (Kg.)	
		During the previous financial year	During the current financial year
(a)	From process	1. Used Oil/Spent Oil sent to registered recycler – 20.16 Kl (20,160 Liters) 2.Waste residues containing Oil disposed - Nil	1. Used Oil/Spent Oil sent to registered recycler – Nil 2.Waste residues containing Oil disposed through registered recycler - Nil
(b)	From pollution control facilities		

PART – E

SOLID WASTE

Solid Waste		Total Quantity (Kg.)	
		During the previous financial year	During the current financial year
(a)	From process	--	N.A
(b)	From pollution control facilities	--	Nil
(c)	(1) Quantity recycled or re-utilized within the unit	--	40 Kg/Day
	(2) Sold	--	Nil
	(3) Disposed	--	220 Kg/Day

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.

1. Solid Wastes is disposed through local registered waste handler.

- An Effective Solid waste management system has been implemented to increase the recycling capacity of waste generated inside.
- Kitchen waste is being used in the composting.

PART – G

In respect of the pollution abatement measures taken up on conservation of natural resources and on the cost of production.

Constructed a Rain Water Harvesting Pond – 01 in No

Dust Suppression technique: Besides the usual dust suppression techniques such as the water monitors, sprinklers, DS200 & 150 etc., recycling of treated water from the ETP is extensively used.

Environmental Management Cell

Sewage Treatment Plant: Treated water from the STP is fully used for irrigation. Sludge is sent to compost yard.

Green Belt Development: Green belt is developed all along the boundary as well as pockets inside the Port and is an ongoing activity. 21,250 saplings have been planted during 2016-17.

PART – H

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

Efficient water spraying methods being tried.
Height of Wind screens in some areas is being increased as per the need.
Dust Suppression System Sprinklers
As a part of the Coal Handling Mechanisation the following systems are being set up.

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

PART – I

Any other particulars for improving the quality of the environment.

- An Environmental Management Plan consisting of mitigation measures, monitoring program and institutional measures are adopted during the development and operations of the port. Actions are taken to implement the mitigation measures for each of the attribute, which are exerting impacts on the environment.
- Green Belt Development being implemented on a routine basis.
- Solar Power options being tried. Implemented Solar water heater.
- Energy audit and implementation of energy efficiency options being carried out.
- Conversion of Diesel engines to electric power driven for improving efficiency and lesser emissions.