

KPPL/ ENV/ MoEF&CC/2020/07

04.12.2020

To

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

Sub: Submission of Compliance Report by end of 30th September 2020 – Regarding

Ref: Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009), from Govt of India, Ministry of Environment, Forest and Climate Change

Sir,

As per the conditions stipulated in Environmental & CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009), 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 2020.

Thanking you,

Yours faithfully,


(Capt. Vijay Nicodemus)
Chief Operating Officer

Cc:

1. The Regional Director, CPCB Regional Directorate/Project Office at Chennai
2. The Regional Director, CPCB Regional Directorate/Project Office at Bangalore
3. The Member Secretary, Puducherry Pollution Control Committee at Puducherry

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

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

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

Enclosures:

Annexure 1: Details of Project Cost

Annexure 2: Year Wise Expenditure / EMP Expenses

Annexure 3: River Reassessment Report

Annexure 4: Permission from PCZMA

Annexure 5: STP analysis report (Sep2020)

Annexure 6: Indian Coast Guard Approval for Oil Spill Contingency Plan.

Annexure 7: Photographs of Navigational Aids (Lighted buoys)

Annexure 8: Environment Management Cell

Annexure 9: Certificate for the procurement of quarry materials

Annexure 10: License from Petroleum & Explosives Safety Organization (PESO)

Annexure 11: Copy of advertisement in Newspaper for the EC issuance

Annexure 12: Monitoring Reports (Sep 2020)

Annexure 13: Annual Environment Statement in Form V

Annexure 14: Present Status of Project

Annexure 15: Other Compliances (Joint Committee Recommendations)

SIX MONTHLY EC COMPLIANCE REPORT FOR THE PERIOD OF APRIL TO SEPTEMBER 2020

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 22nd 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 nd Sep 2009 ; 03 rd Feb 2015 and 14 th May, 2018
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

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	b.	of the environmental management plans	: <p>Port has Mechanized Coal Handling System which includes Ship Unloaders, Conveyors, Stacker cum Reclaimers, Wagon Loading & 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>HDPE/Corrugated sheets of various heights have been put along the Coal Stock yards, boundary & Railway sidings</p> <p>In the Southern side of the Port, we have installed a water curtain screen 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 PPCC 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>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>Port has made an arrangement of contour bund at two locations to help arrest the run-off of the Rain water and help in the irrigation of the Plantation in the 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		Breakup of the project area:	
	a	Project area	: Total Area 243 Hectares has reported in the EC.
8		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	Nil
	a	SC,ST/Adivasis	: Nil
	b	Others	: Nil
9		Financial Details:	

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	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		Forest land requirement:	:	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 th September, 2009.
		Date of completion (actual and / or planned)	:	30 th 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 RO, MoEFCC and representatives from Puducherry Pollution Control Committee monitored this project on 09 th & 10 th of May, 2017.
	b	Date of site visit for this monitoring report	:	NA
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. Various recommendations by the state pollution control committee are implemented as advised / directed

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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 22nd 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	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.	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 Puducherry Pollution Control Board.	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 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.

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Sl.No	Conditions stipulated	Compliance Status
(V)	Oil Spills if any shall be properly collected and disposed as per the Rules.	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.
(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.	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 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.	Karaikal Port Private Limited is an ISO 14001 Company. The 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.	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. Around 3,520 Saplings/Trees were planted during April to September 2020

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Sl.No	Conditions stipulated	Compliance Status
(IX)	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	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, CAAQM, Monitoring, recurring expenses of nursery and maintenance of plantation, O&M of Dust Suppression System, Truck Tyre Wash System, STP, ETP, Environment Infrastructure; Road Cleaning and procurement of miscellaneous and other contingent requirements.

7.General Conditions

Sl.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.	The workers involved for Construction were habitated 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.	Appropriate measures which includes advanced technological practices with least digging areas so as to avoid any likely degradation of water quality

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Sl.No	Conditions stipulated	Compliance Status
(III)	<p>Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:</p> <p>(a) No excavation or dumping on private property is carried out without written consent of the owner.</p> <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>The existing roads in the Project area is made use of for implementation of Phase II of the Project.</p> <p>No excavation or dumping is carried out and in the Project area no wetlands and forest area is in place.</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>M/s MARG Constructions Limited was assigned the Construction activity of this Project the quarries obtained from authorized agency out side 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>Necessary precautionary measures were taken during transportation.</p>

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Sl.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.	Full support is being extended for the said activities.
(VI)	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.	On 12 th June 2009, the Financial Closure was achieved.
(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

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Sl.No	Conditions stipulated	Compliance Status
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.	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 be seen on the website of the Ministry of Environment & Forests at http://www.enfor.nic.in . 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.	Complied. Copy is enclosed at Annexure 11.
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	Agreed upon.

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Sl.No	Conditions stipulated	Compliance Status
	2004 as may be applicable to this project.	
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,Zilla Parishad/Municipal Corporation, Urban Local body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Copy of the Clearance letter sent by Karaikal Port to the said concerned Agencies. The clearance letter also put on the website (www.karaikalport.com) of the company.
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 ₂ , NO _x (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.

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Sl.No	Conditions stipulated	Compliance Status
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	Compliance reports submitted regularly to the Regional Office of the MoEF&CC at Chennai, CPCB Zonal Office at Chennai / Bangalore & 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) 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.	The environmental Statement for each Financial Year ending 31 st March in Form-V submitted regularly to PPCC, Puducherry & RO/MOEF&CC at Chennai Latest Statement ending 31 st March 2020 is at Annexure 13.

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


(Capt. Vijay Nicodemus)
Chief Operating Officer