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विशाखपट्टणम पोर्ट प्राधिकरण
VISAKHAPATNAM PORT AUTHORITY



No. IENG/ Env.Cell/ MoEF /EC/Pt.I
Date: 30.11.2022.

To
The Inspector General of Forests,
Ministry of Environment, Forests and Climate Change,
Integrated Regional Office, Green House,
Gopalareddy Road,
Vijayawada,
Andhra Pradesh - 520010

Sir,

Sub: Environment Clearance for various projects of Visakhapatnam Port Authority,
Visakhapatnam -Submission of the Half-yearly Compliance reports - Reg.

Ref: 1. VPT -EC &CRZ clearances obtained from MOEF&CC for various projects.
2. This Office Lr.No. IENG/Env.Cell/MoEF/EC/Pt.I dated 27.06.2022

Visakhapatnam Port Authority has taken up various development projects in inner harbour & outer harbour over a period of time. As per EIA Notification 2006, the projects falls under Category-A and hence Prior Environment Clearances were obtained for the projects. The list of projects and environmental clearances are herewith enclosed in the statement.

In this regard, Half-yearly Compliance Status reports for the projects mentioned in the statement are herewith submitted for kind perusal and information please.

Encl: As above.

Yours faithfully,


For **CHIEF ENGINEER**
CHIEF ENGINEER
विशाखपट्टणम पोर्ट ट्रस्ट
Visakhapatnam Port Trust

EC & CRZ CLEARANCES OBTAINED FOR VARIOUS PROJECTS OF VPT FROM MOEF&CC

S.No	Name of the Project	Environment Clearance Reference	Half Yearly Compliance Status
1.	Improving the capacity utilization of OR-I & OR-II berths at Visakhapatnam Port Trust (VPT), Andhra Pradesh by M/s Visakhapatnam Port Trust.	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 07.03.2019 bearing F.No:10-62/2016-1A-III	Annexure-I
2.	Development of Multipurpose Terminal by replacement of existing EQ-2 to EQ-5 berths to cater to 14.00 M draft vessels in Inner Harbor of Visakhapatnam Port Trust on DBFOT basis by M/s Visakhapatnam Port Trust.	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 07.03.2019 bearing F.No.11-19/2015-1A-III	Annexure-II
3.	Modernization of existing facility and addition of new facilities entailing capacity at Visakhapatnam port by M/s Visakhapatnam Port Trust.	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 25.05.2016 bearing F.No:11-93/2012-IA-III.	Annexure-III
4.	1. Development of East quay -1 (EQ-I) by replacing the existing EQ-I berth and part of EQ-2 berth at Visakhapatnam Port. 2. Development of East quay -1A (EQ-IA) on south of EQ1 at Visakhapatnam Port.	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 6th Jun, 2011 bearing F. No. 11-33/2010-IA-III	Annexure-IV
5.	Installation of Mechanised Handling Facilities at General-Cum-Bulk Cargo Berth in the outer Harbour of Visakhapatnam Port Trust, Andhra Pradesh	File No.10-9/2009-IA.III, Government of India, Ministry of Environment & Forests(IA Division), dated 1 st September, 2009	Annexure-V
6.	Construction of 3 berths WQ6, WQ 8 and EQ 10 in the northern arm of inner harbor of Visakhapatnam Port	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 31.08.2009 bearing F.No.11-7/2009-IA.III	Annexure-VI
7.	Up gradation of Iron ore handling facilities at outer harbour of Visakhapatnam Port	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 29.11.2006 bearing F.No10-11/2006-IA-III	Annexure-VII
8.	Construction of four multipurpose berths in extended arm of Internal harbor at VPT.	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 19th May 1998 bearing No. PD/26017/1/98-CRZ-VPT	Annexure-VIII
9.	Construction of LPG handling jetty in the outer harbour by Visakhapatnam Port Trust	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 02.02.1993 bearing F.No J-16011/15,16/92-IA.III	Annexure-IX
10.	Construction of multi-purpose berth in the outer harbour by Visakhapatnam Port Trust	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 02.02.1993 bearing F.No J-16011/15,16/92-IA.III	Annexure-X
11.	Conversion of Old jetties WJ-2 and WJ-3 in the inner harbour into a regular berth at Visakhapatnam Port	Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 12.07.1988 bearing F.No No.J-16011/4/8IA IA.III	Annexure-XI
12.	Development of WQ-7&WQ-8 berth in the Northern arm of Inner Harbour of Visakhapatnam Port Trust-Revised scope of proposal for handling of multiple cargo through semi mechanized mode – Amendment of Environmental & CRZ Clearance – Reg.	Environmental clearance (EC-Amendment) granted to M/s Visakhapatnam Port Trust vide letter dated 21.11.2022 bearing F.No:11-93/2012-IA.III	Annexure-XII

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub: Improving the capacity utilization of OR-I & OR-II berths at Visakhapatnam Port Trust (VPT), Andhra Pradesh by M/s Visakhapatnam Port Trust - Environmental & CRZ Clearance – Reg.
Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 07.03.2019 bearing F.No:10-62/2016-1A-III

SPECIAL CONDITIONS - A		
Sl.No	Special condition	Compliance
i	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation zone area.	Complied. The Environment and CRZ clearance was obtained for the subject work from MOEF&CC.
ii	All the recommendations and conditions specified by the Andhra Pradesh Coastal Zone Management Authority who has recommended the project vide letter No. 64/APCZMA/2017.535 dated February, 2018 shall be Complied with.	Noted for compliance
iii	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act,1974.	Noted for compliance.
iv	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities shall be complied with.	Noted for compliance.
v	Comprehensive certified compliance report against each condition with respect to the compliance of earlier Environmental & CRZ Clearances issued shall be submitted condition wise to the Ministry within 03 months from issue of EC&CRZ clearance.	Noted for compliance. Submitted as per the time line given.
vi	The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of the CRZ Notification, 2011.	Noted for compliance
vii	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	Noted for compliance.
viii	No solid, semi solid cargos would be handled.	The berths are dedicated to handle oil and petroleum products only
ix	Dredging shall not be carried out during the fish breeding season	Noted for compliance. Maintenance dredging plan shall be prepared accordingly.
x	Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment including turbidity.	Noted for compliance.

xi	Dredged material shall be disposed safely in the designated areas.	Dredged material is being disposed at site identified and approved by CWPRS Pune.
xii	Shoreline should not be disturbed due to dumping. Periodical study on shoreline changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring reports.	Noted. Shoreline studies are being carried out as and when required.
xiii	While carrying out dredging, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.	Noted for compliance Monitoring of sediment samples , twice in a year is being carried out through M/s S.V. Enviro labs and Consultants, Visakhapatnam, NABET accredited agency and Harbor water quality is being monitored once in 3 months of a year through Andhra University, NAAC accredited , local Govt University.
xiv	The fresh water requirement (7.11 MLD) for the present project will be met from Greater Visakhapatnam Municipal Corporation (GVMC), and also drawn from VPT's own open wells & galleries located outside CRZ area. Rain water harvesting shall be followed as per local byelaw and harvested water shall be stored, treated and reused to reduce the additional water requirement since Chennai is a water deficient area, besides use of water efficient appliances.	Noted. Feasibility study for rain water harvesting was carried out by M/s ASCI, Hyderabad and Rain Water Harvesting pits were constructed at various locations in Port area.
xv	The concerns expressed during the public hearing held by the Visakhapatnam Port Trust needs to be addressed during the project implementation. These would also cover socio-economic and ecological and environmental concerns, besides commitment by the management towards employment opportunities.	Noted
xvi	Marine ecological studies as carried out by Marine Biology Department, Andhra University and its mitigation measures for protection of phytoplankton, zooplanktons, Benthic Organisms, Macro benthos and Olive Ridley's Turtles etc as given in the EIA-EMP Report shall be complied with in letter and spirit.	Noted for compliance.
xvii	Protection shall be ensured to the existing mangrove area around Meghadrigedda Creek and other water bodies within the Port area. Plantation of mangroves in suitable new area and maintenance of existing ones to be prioritized to maintain the present status of ecology/biodiversity.	Noted for compliance.
xviii	A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board shall be submitted before commencement of implementation.	Noted for compliance. Bio-diversity management plan as per the report submitted by Andhra University will be implemented as per feasibility.

ix	A continuous monitoring programme covering all the seasons on various aspects of the coastal environs need to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities/accredited Consultant with rich experiences in marine science aspects. The monitoring should cover various physicochemical parameters coupled with biological indices such as phytoplankton, zooplanktons, Benthic Organisms, Macro benthos, Olive Ridley's Turtles and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with suitable measures to conserve the marine environment and its resources.	Noted for compliance. Bio-diversity management plan as per the report submitted by Andhra University will be implemented as per feasibility.
xx	Continuous online monitoring of for air and water covering the total area shall be carried out and the compliance report of the same shall be submitted along with the 6 monthly compliance report to the regional office of MOEF&CC.	Noted and complied. Three CAAQM stations are under operation as on date.
xxi	Ambient air quality shall be maintained at prescribed levels. The existing ambient air quality stations shall have a system of reporting exceedances separately to the Pollution Control Board.	Noted and complied The CAAQM stations are connected to APPCB Website.
xxii	The project configuration should integrate and dovetail with the State Plan and not implemented unless the state plan is prepared and dovetailing ratified.	Noted and complied.
xxiii	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as a part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.	Noted and complied
xxiv	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing Necessary mechanisms to trap the spillage.	Noted and complied.
xxv	Necessary arrangements for the treatment of the effluents and solid wastes/ facilitation of reception facilities under MARPOL must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986. The provisions of Solid Waste Management Rules, 2016. E- waste Management Rules, 2016, and Plastic Waste Management Rules, 2016 shall be followed.	Noted for compliance.
xxvi	Compliance to Energy Conservation Building (ECBC-2017) shall be ensured for all the building complexes. Solar/wind or other renewable energy shall be installed to meet energy demand of 1% equivalent.	Noted and complied. VPT has installed 10 MW solar power plant. The energy generated out of 10 MW plant is being used

		for VPA captive consumption through open access and excess power is sold to third party.
xxvii	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented	Noted and complied.
xxviii	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	Noted and complied. VPT is having well-structured disaster management plan prepared by M/s NEERI, Nagpur.
xxix	Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.	Noted and complied VPA is an ISO – OHSAS 45001 compliant port.
xxx	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the Regional Office, MoEF&CC along with half yearly compliance report.	Noted and complied Enclosed as Annexure-A
xxxi	VPT will strengthen their Environmental Management Cell.	Noted A separate Environment cell is established and working under the supervision of the Superintending Engineer. Qualified Environmental Engineers with Post Graduation qualification in Environmental Sciences are working with Environment Cell of VPA.
xxxii	VPT Shall consider more employment opportunities to the local people	Noted and complied
xxxiii	As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 1st May 2018, funds @0.75% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as strengthening of environmental cell by new recruitments, development of green fields, environmental monitoring surveys, solid waste management, sanitation and sewage facilities, widening of culverts etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of Hal yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	Noted and complied Details of CSR/CER activities are enclosed as ANNEXURE-B
	GENERAL CONDITIONS - B	
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted and is being complied.
ii	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	Noted and complied

	measures and other environmental protection activities.	
iii	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangalore regarding the implementation of the stipulated conditions.	Noted and complied
iv	Ministry of Environment, Forest and Climate Change 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.	Noted and complied
v	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted and complied
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.	Noted
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Noted
viii	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion representation has been made received while processing the proposal..	Noted
ix	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's Office Tehsildar's office for 30 days.	Noted and complied
7.0	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted and complied
8.0	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the ~ Regional office of this Ministry at Bangalore	Complied and a copy has been already submitted.
9.0	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project. The clearance letter shall also be put on the website of the company by the proponent.	Noted and complied

10.0	Any appeal against this Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
11.0	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Noted and complied
12.0	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Noted
13.0	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&CC, the respective Zonal Office of CPCB and the SPCB	Noted and complied
14.0	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	Noted for complying the same.
15.0	The environmental statement for each financial year ending 31 st 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&CC by e-mail.	Complied. Form-V submitted to Environment Engineer, RO APPCB, Visakhapatnam on 30.09.2022.
16.0	The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted.

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT****Six monthly compliance report**

Sub: **Development of Multipurpose Terminal by replacement of existing EQ-2 to EQ-5 berths to cater to 14.00 M draft vessels in Inner Harbor of Visakhapatnam Port Trust on DBFOT basis by M/s Visakhapatnam Port Trust Environmental & CRZ Clearance – Reg.**

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 07.03.2019 bearing F.No.11-19/2015-1A-III

SPECIAL CONDITIONS - A		
Sl.No	Special condition	Compliance
i	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation zone area.	Complied. The Environment and CRZ clearance was obtained for the subject work from MoEF&CC.
ii	All the recommendations and conditions specified by the Andhra Pradesh Coastal Zone Management Authority who has recommended the project vide letter No. 64/APCZMA/2017.535 dated February, 2018 shall be Complied with.	Noted and complied.
iii	The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of the CRZ Notification, 2011.	Noted and complied.
iv	The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of the CRZ Notification, 2011.	Noted and complied.
v	Dredging shall not be carried out during the fish breeding season	Noted and being complied.
vi	Dredging, etc. shall be carried out in the confined manner to reduce the impacts on marine environment including turbidity.	Noted and being complied.
vii	Dredged material shall be disposed safely in the designated areas	Noted and being complied. Dredged material is being disposed at Site identified and approved by CWPRS Pune.
viii	Shoreline should not be disturbed due to dumping. Periodical study on shoreline changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring reports.	Noted. Shoreline studies are being carried out as and when required.
ix	While carrying out dredging, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures Shall be taken on priority basis if any adverse impact is observed.	Noted and being complied. Monitoring of sediment samples twice in a year is being carried out through M/s S.V. Enviro labs and Consultants, Visakhapatnam, NABET accredited agency and Harbor water quality is being monitored once in 3 months of a year through Andhra University, NAAC accredited.

x	The water requirement (1,36,100 m ³ /month) for the present project will be met from Greater Visakhapatnam Municipal Corporation (GVMC). The ground water if required shall only be tapped with prior permission from CGWA.	Noted and complied.
xi	Marine ecological studies as carried out by M/s Terracon Ecotech Pvt. Ltd.,NABET accredited EIA Consultant under the supervision of MECON Ltd. and its mitigation measures for protection of flora & fauna, mangroves, Olive Ridley's Turtles etc. as given in the EIA-EMP Report shall be complied with in letter and spirit.	Noted and complied.
xii	A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board shall be submitted before commencement of implementation.	Noted and complied.
xiii	A continuous monitoring programme covering all the seasons on various aspects of the coastal environs need to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities with rich experiences in marine science aspects. The monitoring should cover various physico-chemical parameters coupled with biological indices such as microbes, plankton, benthos and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with suitable measures to conserve the marine environment and its resources.	APPCB Study covers the Visakhapatnam Port harbour waters by NIO to assess the Environmental Impact on Aquatic Ecosystem and also VPA has funding the project share.
xiv	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as a part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.	Noted and complied
xv	The project proponents would also draw up and implement a management plan for the prevention of fires due to handling of coal.	Noted and complied.
xvi	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	Noted and complied A well-defined oil spill contingency plan is under implementation for effective containment of oil spills.
xvii	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	Noted. Visakhapatnam Port is not a processing industry. City sewage is being collected for treating through 10 MLD sewage Treatment plant. The treated waste water is being reclaimed for dust suppression measures.
xviii	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	Noted and complied.

xix	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	Noted and complied A well-defined oil spill contingency plan is under implementation for effective containment of oil spills.
xx	Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.	Noted and complied VPA is ISO–OHSAS 45001 compliant port.
xxi	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.	Noted and complied Enclosed as Annexure A
xxii	As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 1 st May 2018, the project proponent shall prepare and implement Corporate Environment Responsibility (CER) Plan.	Noted and complied
GENERAL CONDITIONS B		
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted
ii	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.	Noted and complied
iii	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangalore regarding the implementation of the stipulated conditions.	Noted and complied
iv	Ministry of Environment, Forest and Climate Change 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.	Noted and complied
v	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted and complied
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.	Noted
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Noted
viii	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion representation has been made received while processing the proposal.	Noted

ix	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's <i>Office</i> / Tehsildar's office for 30 days.	Noted and complied
	GENERAL CONDITIONS B	
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted and being complied.
ii	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.	Noted and complied
iii	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangalore regarding the implementation of the stipulated conditions.	Noted and complied
iv	Ministry of Environment, Forest and Climate Change 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.	Noted and complied
v	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted and complied
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.	Noted
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Noted
viii	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion representation has been made received while processing the proposal..	Noted
ix	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's <i>Office</i> / Tehsildar's office for 30 days.	Noted and complied
6.0	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted and complied

7.0	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the ~ Regional office of this Ministry at Bangalore	Noted and complied and a copy Already submitted.
8.0	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project. The clearance letter shall also be put on the website of the company by the proponent.	Noted.
9.0	Any appeal against this Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
10.0	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Noted and complied
11.0	A copy of the 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.	Noted
12.0	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&CC, the respective Zonal Office of CPCB and the SPCB	Complied
13.0	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	Noted.
14.0	The environmental statement for each financial year ending 31 st 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&CC by e-mail.	Complied and Form-V submitted to Environment Engineer, RO APPCB, and Visakhapatnam on 30.09.2022.

15.0	The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification 2006, including the Amendments and rules made thereafter.	Noted.
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**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub: Modernization of existing facility and addition of new facilities entailing capacity at Visakhapatnam port by M/s Visakhapatnam Port Trust -Reg.

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 25.05.2016 bearing F.No:11-93/2012-IA III

Status of Project: 1. Extension of Container Terminal IS completed.
2. Upgradation of Iron ore handling facilities is completed.
3. Construction of WQ 7 & WQ 8 Berths is completed, CFO
Obtained and operation under progress. Amendment for EC order issued on 21.11.2022

SI.NO	A) SPECIAL CONDITION	COMPLIANCE
i	The environmental clearance is subject to obtaining prior clearance from Wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable.	NBWL Clearance was obtained and already Submitted.
ii	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied. The Environment and CRZ clearance was obtained for the subject work from MOEF
iii	The Project proponent shall ensure that there shall be no damage to the existing mangroves patches near site and also ensure the free flow of water to avoid damage to the mangroves.	The mangrove patches are at considerable distance away from the project site. The protection of mangroves will be ensured.
iv	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site.	No blockages of any creeks or rivers will be ensured due to any of the project activities.
v	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.	There is no scope for shoreline damage as the activities are limited to the existing channel.
vi	The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.	Public Hearing conducted on 10.04.2015. Action plan for the identified EMPS under Short, Medium and Long term is enclosed herewith.
vii	All the conditions stipulated in the earlier Clearance including the recommendations of Environment Management Plan, Disaster management Plan shall be strictly complied with.	Yes complied.
viii	Cargo shall be unloaded directly into hopper from the ship and transported to the stack yards through closed conveyor system only. Inbuilt dust suppression systems shall be provided at hoppers and all the transfer points / storage yards. Cargo shall not be unloaded directly onto the berth. Water meters shall be provided at different locations to record the consumption of water used for dust suppression and daily log shall be maintained.	Yes complied.

ix	Disposal sites for excavated material should be so designed that the revised land use after dumping and changes in the land use pattern do not interfere with the natural drainage.	The excavated material is being disposed in the site earmarked for the purpose in the western sector of VPT for filling the low-lying areas far away from the natural drainage.
x	There shall be no ground water drawl in no development zone of CRZ area.	Yes there are no bore wells available in CRZ area.
xi	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	There are no process effluents generated from the proposed activities. The solid waste generated are being collected and disposed
xii	All the operational areas will be connected with the network of liquid waste collection corridor comprising of storm water, oily waste and sewage collection pipelines.	Noted.
xiii	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan.	Noted. APPCB Study covers the Visakhapatnam Port harbour waters by NIO to assess the Environmental Impact on Aquatic Ecosystem and also VPT has funding the project share. Periodical Marine ecology study is proposed to be entrusted to the AUDC, Visakhapatnam.
xiv	The marine ecology management plan being drawn up with regards to the environmental impacts of natural disasters, oil spills and other wastes, dredging and dumping on marine ecology (all micro, macro and mega biotic components) shall be scrupulously implemented. It shall be ensured that the marine ecology in the area of influence is not adversely affected.	Noted The same is being ensured as and when EIA studies w.r.t. various development projects which are being taken up. A separate study was conducted and a Comprehensive Marine ecology management plan will be prepared accordingly for implementing the same
xv	Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity	Noted The same is being ensured as and when EIA studies w.r.t. various development projects which are being taken up.
xvi	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	A well-structured oil spill contingency plan is available with VPT. Save wall nets are being provided to control the cargo spills while handling.
xvii	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO MoEF&CC along with half yearly compliance report.	Noted and complied.
xviii	Ships/barges/vessels calling at the jetty shall not be allowed to release any oily bilge waste or ballast water/ dump wastes during the berthing period in the sea. Any effluents from the Jetty which have leachable characteristics shall be segregated and recycled/disposed as per SPCB guidelines.	Bilge /ballast water is being collected and is being disposed through authorized agencies

xix	Location of DG sets and other emission generating equipment shall be decided keeping in view the predominant wind direction so that emissions do not effect nearby residential areas. Installation and operation of DG sets shall comply with the guidelines of CPCB.	Noted and complied.
xx	All the mechanized handling systems and other associated equipment such as hoppers, belt conveyors, stacker cum reclaimers shall have integrated dust suppression systems. Dust suppression systems shall be provided at all transfer point.	Noted and complied
xxi	No product other than permitted under the CRZ Notification, 2011 shall be stored in the CRZ area.	Noted and complied
xxii	The quality of treated effluents, solid wastes, emissions and noise levels and the like, from the project area must conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	Noted and complied
xxiii	All the mitigation measures suggested in the EIA report and the marine environment study of CWPRS, Pune shall be implemented. The compliance for each of these measures shall be submitted to concerned SPCB and R.O. of this Ministry along with six monthly compliance reports.	Noted and complied.
xxiv	Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.	The shoreline changes are being monitored while EIA studies are taken up w.r.t. various developmental projects.
xxv	It shall be ensured by the Project Proponent that the activities does not cause disturbance to the fishing activity, movements of fishing boats and destruction to mangroves during the construction and operation phase.	Noted and complied.
xxvi	The Project Proponent shall take up and earmark adequate fund for socioeconomic development and welfare measures as proposed under the CSR Programme. This shall be taken up on priority.	Various CSR activities are taken up by VPA and the list of activities is enclosed.
xxvii	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.	A separate Environment cell for effective implementation of the stipulated measures is existing under the supervision of Superintending Engineer.
xxviii	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Noted and complied
xxix	The proponent shall abide by all the commitments and recommendations made in the EIAIEMP report so also during their presentation to the EAC.	Noted and complied
xxx	10m thick greenbelt shall be developed on the periphery of the area proposed to be developed for WQ- North (WQ-7 & WQ-8) berth in the inner Harbour of Visakhapatnam Port.	Noted
xxxi	Company shall have own Environment Management Cell having qualified persons with proper background.	A separate Environment cell is working under the supervision of the Superintending Engineer. Qualified Environmental Engineers with Post Graduation qualification in Environmental Sciences are working with Environment Cell of VPT

xxxii	Company shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.	An operation manual with well-structured EMPS and SOPS prepared by ASCI, Hyderabad is available with port for entire port operations including existing and proposed projects.
xxxiii	Corporate Social Responsibility:	
	a. The Company shall have a well laid down Environment Policy approved by the Board of Directors.	Noted and complied
	b. The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/ conditions.	Noted and complied
	c. The hierarchical system or Administrative Order of the company to deal with.	Noted and complied
	d. Environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	Noted and complied
B	GENERAL CONDITIONS:	
i	'Consent for Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	CFE and CFO for the respective projects are obtained and are in force.
ii	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted and complied
iii	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.	Noted and complied
iv	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangalore regarding the implementation of the stipulated conditions.	Noted and complied
v	Ministry of Environment, Forest and Climate Change 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.	Noted and complied
vi	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
vii	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, Forest and Climate Change.	Noted
viii	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.	Noted
ix	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion representation has been made received while processing the proposal..	Noted and complied

x	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office, Tehsildar's office for 30 days.	Noted and complied
11.0	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted and complied
12.0	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted and complied
13.0	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the ~ Regional office of this Ministry at Bangalore	Noted and complied
14.0	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project. The clearance letter shall also be put on the website of the company by the proponent.	Noted and complied
15.0	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Noted and complied
16.0	Any appeal against this Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
17.0	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Noted and complied
18.0	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&CC, the respective Zonal Office of CPCB and the SPCB	Noted and complied

19.0	The environmental statement for each financial year ending 31 st 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&CC by e-mail.	Complied Form-V submitted to Environment Engineer, RO APPCB, Visakhapatnam on 30.09.2022.
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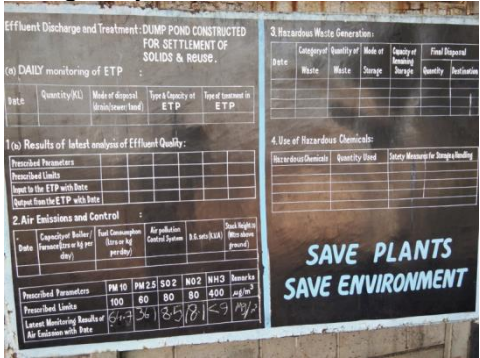
**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report


- Sub 1 .Development of East quay -1 (EQ-I) by replacing the existing EQ-I berth and part of EQ-2 berth at Visakhapatnam Port.
2. Development of East quay -1A (EQ-IA) on south of EQ1 at Visakhapatnam Port. – Reg.
Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 6th June, 2011 bearing F. No. 11-33/2010-IA-III
Status of the project: 1.Completed and under operation.
2. The contract is terminated and operated by VPA.
3. Terminated the project of PPP operator M/s SEW and operated by VPA.

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-I) by replacing the existing EQ-I berth and part of EQ-2 berth.		
Sl.No	Conditions	Compliance
7	Specific Conditions	
i	Consent for Establishment shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Complied. Valid CFO issued by Andhra Pradesh Pollution Control Board issued on 13.04.2022 valid till 31.12.2026. The concession agreement is terminated, the terminal is not under operation, it is proposed to take over by VPT.
ii	Continuous monitoring of ambient air quality (as per notified standards) shall be carried out and continuous records maintained. Based on the monitoring data, necessary corrective measures as may be required from time to time shall be taken to ensure that the levels are within permissible limits. The results office of monitoring of MoEF at Bangalore regularly. Besides, the results of monitoring will also be put up on the website of the company in the public domain.	Complied. The concession agreement is terminated, the terminal is operated by VPA.
iii	The six monthly monitoring reports as well as the monitoring data on various parameters as stipulated in the clearance conditions shall be put on the website of the company and also regularly updated. The monitored data shall also be submitted to respective Andhra Pradesh Pollution Control Board and the Regional Office of MoEF at Bangalauru.	The concession agreement is terminated, the terminal is operated by VPA.

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-I) by replacing the existing EQ-I berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance
iv	The ambient air quality data shall displayed in public domain at some prominent place near the main gate of the Port and update in real time.	<p align="center">Complied.</p> <p>Installed two Display boards as specified by the SPCB to display ambient air quality data at the entrance of the main gate and the same is being updated regularly</p> 
v	All handling/ loading/ unloading shall be through enclosed conveyors.	The concession agreement is terminated, the terminal is operated by VPA.
vi	The CEIA report appears pertaining to EQ -1 and 1A on individual basis. The cumulative effect of all the berths which are already operating shall be taken into account and a report on existing status vs the future status of environment due to the additional development and the mitigation measures thereof particularly because the cargo is coal – a dusty cargo shall be submitted to the Ministry.	VPA has engaged M/s NEERI, Hyderabad for the study on Air pollution and source apportionment study due to Visakhapatnam Port operations at Visakhapatnam Port Trust".
vii	The report was silent on impacts during construction stage. Necessary measures shall be undertaken to mitigate the impacts during the construction phase.	Complied.
viii	SPM level is reported to be on the higher side (GOAP letter dated 2/2/11). Necessary mitigation measures shall be implemented.	<p align="center">Complied.</p> <p>PM10 and PM2.5 Levels are well within the limits during the compliance period.</p>
ix	Water Sprinkling shall be provided at all the transfer points/ storage yard.	The concession agreement is terminated, the terminal is operated by VPA.
X	Spillage/ leachate shall be treated for removal of heavy metals if any and the sludge shall be disposed to the authorized TSDF.	Noted for compliance
Xi	All the recommendation of the EIA, EMP shall be put in place.	<p align="center">Complied.</p> <p>All the recommendation of EIA and EMP are being followed. EMP Compliance submitted along with Half Yearly Compliance Report.</p>

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-1) by replacing the existing EQ-1 berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance
xii	There shall be no transport of coal/ cargo through roads.	The concession agreement is terminated, the terminal is operated by VPA.
xiii	Oil spills if any shall be properly collected and disposed as per the rules	The concession agreement is terminated, the terminal is operated by VPA.
xiv	Layout plan showing the existing coal stockyard, which will be discontinued after modernization and one stack-yard which will be in use, shall be submitted with dimensions to MoEF and to SPCB.	Complied.
Xv	Proponent shall explore providing screw conveyor system/ any other suitable mechanism for transportation of coal from ship to belt conveyor in – place of grab loader and shall submit to MoEF and to SPCB to minimize the fugitive dust emissions at the time of ship loading.	The concession agreement is terminated, the terminal is operated by VPA.
xvi	<p>The coal storage shall be in closed shed to minimize the fugitive emissions and the drawings shall be submitted to MoEF and to SPCB.”</p> <p>The above mentioned specific condition amended by MoEF and new condition is mentioned below:</p> <p>The coal stock yard shall be enclosed suitably to have three layer of green belt of varying height of all the sides. Water sprinkling shall be carried out regularly for settling dust as this coal stack yard is closed to inhabited areas.</p>	<p align="center">Complied.</p> <p>VPA obtained EC amendment for specific condition, vide Letter Number: F.No.11-33/2010-IA.III (Pt.) date 27th August, 2015.</p> <p>Three layers of green belt have been developed and regular water sprinkling is being carried out for settling of dust and fugitive emissions.</p> 

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-I) by replacing the existing EQ-I berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance																		
xvii	Treated sewage shall be used for dust suppressions.	The concession agreement is terminated, the terminal is operated by VPA.																		
xviii	Continuous AAQM for PM 2.5 at one location shall be provided in consultation with local SPCB.	The concession agreement is terminated, the terminal is operated by VPA.																		
xix	The project shall be implemented in such a manner that there is no damage whatsoever to the mangroves/other sensitive coastal ecosystems.	Complied. Project area is within the Port limit of VPA and there are no mangroves/other sensitive coastal ecosystems in the project area.																		
xx	There shall be no withdrawal of ground water in CRZ area, for this project.	Complied. No withdrawal of ground water for this project. STP treated water from VPA is being used for Dust suppression and Greenbelt requirements.																		
xxi	The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity.	Complied. Project area is within the Port limit of VPA and there is no fishing activity in the project area, considering to port security and safety.																		
xxii	It shall be ensured that there is no displacement of people houses or fishing activity as a result of the project.	Complied. Project area is within the Port limit of M/s VPA.																		
xxiii	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied.																		
xxiv	The project proponent shall set separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	The concession agreement is terminated, the terminal is operated by VPA.																		
xxv	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purpose.	<p>Complied.</p> <p>Budget for Implementation of Environment Management Plan is earmarked every year. Approved budget for environment management plan for FY 21-22 is 1.43 crores. The allocated budget was not diverted for any other purpose.</p> <p>A brief summary of environmental expenditure during the compliance period are given below;</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Description of Work</th> <th>Budget Allocated (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Environment Quality Monitoring</td> <td>3.30</td> </tr> <tr> <td>2</td> <td>STP Water Utilization</td> <td>8.70</td> </tr> <tr> <td>3</td> <td>Greenbelt and Housekeeping</td> <td>1.00</td> </tr> <tr> <td>4</td> <td>CFO Renewal Fee</td> <td>3.88</td> </tr> <tr> <td>5</td> <td>Environment day Celebration</td> <td>0.10</td> </tr> </tbody> </table>	S. No.	Description of Work	Budget Allocated (Rs.)	1	Environment Quality Monitoring	3.30	2	STP Water Utilization	8.70	3	Greenbelt and Housekeeping	1.00	4	CFO Renewal Fee	3.88	5	Environment day Celebration	0.10
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Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-1) by replacing the existing EQ-1 berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance
8.	General Conditions	
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied No digging activity was carried out during the compliance period.
ii	Full support shall be extended to the officers of this Ministry/ Regional Office at Bangaluru 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 to the officers of Ministry/Regional Office, as well as officers of Central and State Pollution Control Board during their visit. No visit was carried out by the officers of MoEF & CC during the compliance period.
iii	A six-Monthly monitoring report shall need to be submitted by the project proponent to the Regional Office of this Ministry at Bangaluru regarding the implementation of the stipulated conditions.	The concession agreement is terminated, the terminal is operated by VPA.
iv	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Noted.
v	The ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the ministry.	Noted.
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Noted.
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Complied. Financial Closure for the project is done on 27 th March, 2012, land development work was started on 08 th August 2012 and construction completed in October, 2014 (Details were already submitted)
viii	A copy of the clearance letter shall be marked to concerned Panchayat/ local NGO, if any, from whom an suggestion/ representation has been made received while processing the proposal.	Complied.
ix	Andhra Pradesh 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.

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-1) by replacing the existing EQ-1 berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance
9	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment Protection Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted.
10	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted.
11	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forest at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangaluru.	Complied.
12	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted.
13	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in the website.	The concession agreement is terminated; the terminal is operated by VPA.
14	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/ Municipal Corporation, Urban Local Body and the Location 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.

Half yearly Compliance report for Environment and CRZ Clearance for development of East quay -1 (EQ-1) by replacing the existing EQ-1 berth and part of EQ-2 berth.

Sl.No	Conditions	Compliance
15	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 Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied. The concession agreement is terminated, the terminal is operated by VPA.
16	The environmental statement for each financial year ending 31 st 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 Environmental 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.	Complied. Environment Statement (Form-V) for the year 2021-2022 was submitted to APPCB vide letter dated 30.09.2022.

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub: Installation of Mechanized Handling Facilities at General-Cum-Bulk Cargo Berth in the outer Harbour of Visakhapatnam Port Trust, Andhra Pradesh

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated File No.10-9/2009-IA.III, Government of India, Ministry of Environment & Forests (IA Division), dated 1st September, 2009

Status of Project: Construction work was completed and is under operation on PPP mode.

Sl.No	Conditions	Compliance
	6.Specific Conditions	
i	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied. No construction work is carried out in CRZ.
ii	Oil spills if any shall be properly collected and disposed as per the rules	Complied. Secondary containment pallets provided for used oil and also spill kit is available at site.
iii	The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed	Complied.
iv	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safe guards under the supervision of a Senior Executive.	VPA Environment Cell is supervising GCB project and VGCB staff are part of the members.
v	The project proponent shall take up mangrove plantation/green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.	Complied. Green belt developed around the terminal. Mangrove plantation is not feasible at this site.
vi	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other proposes.	Complied and funds are used for environment purpose only.
7.General Conditions		
i	Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during phase of the project to avoid any damage to the environment.	Operations started. Not Applicable.
ii	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradations of water quality.	Complied. Ensuring water quality is not changed.

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. No excavation is carried out and no dumping at other sites.
b	No excavation or dumping shall be allowed on wetlands, forest areas or other ecological valuable or sensitive locations.	Complied. No dumping.
c	Excavation work shall be done in close consultation with the soil conservation and Watershed Development Agencies working in the area.	No excavation work being carried out.
d	Construction spoils including bituminous material and other hazardous material 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.	Complied.
iv	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 obtained in this regards.	Not Applicable now.
v	Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.	Not Applicable now.
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.	Noted and full support will be extended from company side.
vii	Ministry of Environment & Forests or any other component 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.	Noted and will be complied as per any additional stipulated conditions.
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 is regularly complied.
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 and Forests.	Noted and no change in project profile.

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.	Not Applicable now.
xi	Andhra Pradesh Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Office. District Industries Centre and Collector's Office/Tahasildar's office for 30 Days	Not Applicable to Project Proponent.
8	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted and are complied with.
9	All other statutory clearances such as the approvals for diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted and received Fire NOC from Fire Department as per applicability.
10	The project proponent shall advertise in at least two local News Papers 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 Andhra Pradesh state Pollution Control Board and may also be seen on the website of the ministry of forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore.	Not Applicable now.
11	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted.

12	Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 1997	Noted and not applicable now
13	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/ 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.	Not Applicable now.
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 pollutants level normally; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicating for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted. Displayed on boards outside Admin Office and also copies are being sent to board offices as required. Also uploaded on company website.
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 SPCB.	Noted and submitted accordingly to mentioned offices and also by e-mail.
16	The Environment Statement for each financial year ending 31st March in Form -V as is mandated to be put on the website of the company along with the status of Compliances of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied and uploaded on website.

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub: Construction of 3 berths WQ6, WQ 8 and EQ 10 in the northern arm of inner harbor of Visakhapatnam Port-Reg.

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 31.08.2009_bearing F.No.11-7/2009-IA.III

Status of Project: WQ-6 berth is operated by VPA.
WQ 8 is operated by VPA
EQ -10 is being operated through M/s AVR Infra on PPP mode.

SI.No	Special condition	Compliance
1	No construction work other than those permitted in coastal regulation zone notification shall be carried out in Coastal regulation zone area.	Complied.
2	Sewage shall be treated and the treatment facility shall be provided in accordance with the CRZ notification 1991. The disposal of treated water shall confirm the regulation of Andhra Pradesh State Pollution control board.	Complied.
3	Oil spills if any shall be properly collected and disposed as per the rules.	The facilities as per Oil spill Contingency plan and Disaster management plan are under operation.
4	The approach channel shall be properly demarcated with lighted buoys for save navigation and adequate traffic control guidelines shall be framed. the fishermen shall be suitably educated and inform about the traffic guidelines.	Noted and complied.
5	The project proponent shall set up separate environ management cell for effective implementation of the stipulated environmental safeguards under the supervision of senior executive.	A separate Environment Management cell is existing in VPA.
6	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.	Against the overall target of 5,65,000 plants (50% outside port and 50% inside port) in five years i.e. from 2012-13, so far about 1,75,500 plants of two to three years of age are planted within port premises and another 1,00,000 No,s of plantation taken up Outside VPT i.e (Total of 2,75,500 No.s) . Out of 1,75,500 plantation 1,46,500 Nos. plantation was done by VPA and 29,000 Nos. by PPP operators in their premises. During 2018-19 and 2019-20 onwards 2,00,000 No. of plants

		(shelter belt plantation) are planted / taken up through AP forest department (Social Forestry division), including maintenance for a period of two years. The VPT Board has given approval for Rs 2.3 crores as proposed by the A.P. Forest department for this assignment. During 2020-2021, 70,000 plants planted at various locations in port area and in 2021-22 30,000 plantation is under progress.
7	The funds earmarked for environment management plan shall be included in the budget and shall not be diverted for any other purposes.	Noted and complied.
	General Conditions	
1	Adequate provision of infrastructure facilities including water supply , fuel and sanitation must be ensured for construction workers during the construction phase of the process to avoid any damage to the environment	Complied.
2	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied.
3	Borrow sites for each quarry sites for the road construction material and dump sites must be identified keeping in view of the following	Complied.
a	No excavation or dumping on private property is carried out without return consent of the owner.	Complied.
b	No excavation or dumping shall be allowed on wet lands, forest area or other ecologically valuable or sensitive locations.	Complied.
c	Excavation work shall be done in close consultation with soil conservation and water shed development agencies working in the area and	Complied.
d	Construction spoils including bituminous material and other hazardous material must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leached into the ground water	The debris and other excavated material if any is being disposed at designated areas far away from water courses and low lying areas.
4	The construction material shall be obtained from only approved quarries. In case new quarries are to be opened specific approvals from the competent authority shall be obtained in this regard.	Complied.
5	Adequate precautions shall be taken during the transportation of the construction material so that it does not effect the environment adversely.	Complied.
6	Full support shall be extended to the officers of the of this ministry/ regional office at Bangalore by the project proponent during inspection project for monitoring purposes by furnishing full details including action taken reports in respect of mitigation measures and other environment protection activities.	Complied.

7	MoEF or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of Environment and same shall be complied with.	Complied.
8	The ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the ministry.	Complied.
9	In the event of the change in project profile or charge in the implementation agency, a fresh reference shall be made to the MOEF.	Complied.
10	The project proponents shall inform the regional office as well as 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.
11	Andhra Pradesh Pollution Control Board shall display the copy of the clearance letter at Regional office, District Industries center, and Collector office/Tehsildar office for 30 days.	Complied.

VISAKHAPATNAM PORT TRUST
ENGINEERING DEPARTMENT

Six monthly compliance report

Sub: Upgradation of Iron ore handling facilities at outer harbor of Visakhapatnam Port

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 29.11.2006 bearing F.No10-11/2006-IA-III

Status Of The Project: EC was issued in 2006 and the project was not executed as envisaged EC was expired . Hence no compliance is required.

Fresh EC is obtained for this project under” Modernization of existing facility and addition of new facilities entailing capacity at Visakhapatnam port by M is Visakhapatnam Port Trust vide letter dated 25.05.2016 bearing F.No:11-93/2012-IA III

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub Construction of four multipurpose berths in extended arm of internal harbor at VPT- Reg.
Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 19th May 1998_bearing No. PD/26017/1/98-CRZ-VPT
Status of the project: Completed and under operation.

Sl.No	Special condition	Compliance
1	All construction designs, drawings relating to construction activities must have the approval of the concerned. Government departments/Agencies. Ground water should not be tapped for construction activities	Complied.
2	Adequate provision for all infrastructural facilities such as water supply, fuel, sanitation etc. must be extended for labourers during the construction period in order to avoid damage to the environment.	Complied.
3	Dredging operations should be undertaken in consultation with the Central water and power research station, Pune or National Institute of Oceanography, Goa to ensure that dredging operations do not cause adverse impact on water quality and marine productivity in the vicinity. Dredging operation as far as possible should be kept to the minimum for avoiding adverse impacts on marine life.	The monitoring of dredging operations was carried out by CWPRS, Pune. The project Authorities (PA) informed that during dredging the surface water quality studies including marine water quality in the sea water were carried out. Now the water quality in the inner and outer harbor water is monitored at 9 locations regularly by Andhra University
4	Disposal sites for excavated material should be so designed that the revised land use after dumping and changes in the land use pattern should not interfere with the natural drainage.	The excavated materials are being disposed in the site earmarked for the purpose in the western sector of VPT for filling the low-lying areas far away from the natural drainage.
5	To meet any emergency situation adequate foam containers should be kept ready with supporting firefighting system and water pipeline.	A well-established dedicated Fire Fighting Station is under operation in VPA under the Control of Dy. Conservator
6	The staff posted in the sensitive areas should be trained in the implementation of crisis management plan already drawn by the authorities. Mock drills, for this purpose should be conducted on a regular basis. .provisions of dock safety act and the guidelines issued by the DGFASKLI/CLI , Bombay for the safety and health of the dock workers should be followed.	Complied.
7	For Development of green buffer including mangroves wherever feasible , the authorities should start growing large nursery of multipurpose species such as Eucalyptus, casurina, Dalbergia, Terminalia, etc .the norm of about 2000 to 2500 trees per ha may be adopted for raising of green belt.	A total of 5,65,000 plants (50% outside port and 50% inside port) in five years i.e. from 2012-13, so far about 1,75,500 plants of two to three years of age are

		<p>planted within port premises and another 1,00,000 Nos of plantation taken up outside VPA i.e (Total of 2,75,500 Nos). Out of 1,75,500 plantation 1,46,500 Nos. plantation was done by VPA and 29,000 Nos. by PPP operators in their premises.</p> <p>During 2018-19 and 2019-20 2,00,000 No. of plants (shelter belt plantation) are planted / taken up through AP forest department (Social Forestry division), including maintenance for a period of two years. The VPA Board has given approval for Rs 2.3 crores as proposed by the A.P. Forest department for this assignment.</p> <p>During 2020-2021, 70,000 plants planted at various locations in Port area. And plantation of 30, 000 plants are in progress in 2021-22.</p>
8	To prevent discharge of sewage and other liquid waste including ballast into marine environment, adequate system for collection treatment and disposal of liquid waste must be provided to the satisfaction of APPCB.	To prevent discharge of sewage, bilge, wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline interceptor for receiving liquid wastes from all shoreline installations and special hose connection for ships to allow for discharge of sewage is provided. Ships are provided with in house treatment plants, untreated sewage is not discharged in to the sea without treatment from the ships. The PA has established 10 MLD sewage treatment plant by spending Rs.5 Crores to treat the sewage.
9	Adequate noise control measures must be provided to maintain noise levels within the standard (85 dBA) in various work places. If need be, ear plugs and ear muffs should be provided to the workers in the port area.	Noise levels are being maintained well within the norms.
10	The quality of treated effluents, solid wastes and emissions must conform to the standards laid down by the competent authority including central /State pollution control boards.	Port is not a Processing industry. The emission and discharge standards as per CFO are being maintained as per applicability.

11	An Environment cell must be made operational with adequate laboratory, equipment facilities and a mobile van for collecting air samples .The record and data should be submitted with proper analysis and corrective measures required, if any for maintaining the levels within the prescribed limits to the regional office of the MOEF, Bangalore, the Environmental cell should coordinate and monitor Environmental mitigative measures executed in the Port area.	An Environmental cell with qualified staff was established in the year 1992 and is functioning with the supervision of Superintending Engineer under the Control of Chief Engineer, VPA.
12	Necessary leakage reduction devices with early warning system must be provided at a strategic location.	Facilities are provided as per OISD guidelines and National Disaster Management plan.
13	Stand by DG sets must be provided to ensure uninterrupted power supply to the pump house and the firefighting system.	Complied.
14	Third party inspection should be ensured during construction and operational phases with adequate insurance award .the project authorities should confirm on regular intervals of 6 months to the ministry about the implementation of the suggested safe guard measures and the data/report should be open for inspection by the team which would be constituted by the ministry if found necessary.	Noted.
15	Full support should be extended of MoEF Regional office at Bangalore during inspection of the project for monitoring purposes by the project proponents by furnishing full details and action plans.	Being complied.
16	Adequate funding provisions, year-wise and item wise, must be made for the implementation of the above mentioned safe guard measures	Being complied.
17	No POL product other those mentioned in the annexure iii appended to GOI notification in the MoEF, S.O. No (E) dated July 9 th 1997 will be allowed to handle/store in any port area.	Noted.
18	The project authorities would ensure that regulations and guidelines issued by Oil safety directorate in the GOI, ministry of Petroleum and Natural Gas are implemented.	Being complied.

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

**Sub: 1. Construction of LPG handling jetty in the outer harbor by Visakhapatnam Port Trust
2. Construction of multi-purpose berth in the outer harbor by Visakhapatnam Port Trust**

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 02.02.1993 bearing F.No J-16011/15,16/92-IA.III

Status of the project: Completed and under operation.

Sl.No	Conditions	Compliance
2 (i)	Dredging operations should be undertaken in consultation with Expert Institute such as Central Water and Power Research Station (CWPRS) ,Pune or any other institute to ensure that dredging operation's do not cause any adverse impact on surface and ground water and marine productivity in the vicinity.	The surface water quality studies including marine water quality in the sea water were carried out by ISDL during dredging. Monitoring of Harbour water analysis at 9 locations in the inner and outer harbor water on quarterly basis entrusted to Andhra University. As of now all the parameters are well within prescribed limits.
(ii)	During dredging, construction and maintenance stages, the water quality parameters at the bottom level should be inspected and periodic reports be maintained. Tests should be carried out to measure water quality parameters, viz, turbidity, dissolved oxygen, ammonical nitrogen and other nutrients which must be maintained within the prescribed standards.	M/s SV Enviro labs were engaged to analyze the water quality and dredge samples on half yearly basis. As of now all the parameters are well within prescribed limits.
(iii)	Screening of pollutants in the harbor waters should be taken up by the project authorities and periodical monitoring reports on water quality parameters must be forwarded to this ministry at six monthly intervals.	Monitoring of Harbour water analysis at 9 locations in the inner and outer harbor water on quarterly basis entrusted to Andhra University. As of now all the parameters are well within prescribed limits. And six monthly compliance is being submitted to MoEF&CC.
(iv)	In addition to the Disaster Management Plan prepared, the project authorities should consider the worst case scenario with respect to specific cases like oil/chemical spills, fire/explosion, terrorist attack, floor, etc, spelling out definite adequate measures to be taken to prevent and contain such disasters. A report on this must be forwarded to this ministry within six months from the date of issue of environmental clearance.	DMP was updated by IR Class Systems and Solutions Pvt.Ltd in the month of September 2018. The same is being reviewed by MoEF &CC during EAC meetings conducted from time to time.
(v)	To prevent discharge of Sewage, bilge, wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline interceptor for receiving liquid wastes from all shoreline installations and special hose connection for ships to allow for discharge of sewage must be provided.	Complied

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT**

Six monthly compliance report

Sub: Conversion of Old jetties WJ-2 and WJ-3 in the inner harbor into a regular berth at Visakhapatnam Port

Ref: Environmental and CRZ clearance granted to M/s Visakhapatnam Port Trust vide letter dated 12.07.1988_bearing F.No No.J-16011/4/8IA IA.III

Status of the project: Completed and under operation.

SI.NO	SPECIAL CONDITION	COMPLIANCE
1	The Visakhapatnam Port Trust (VPT) must provide adequate sewage/sullage treatment facilities. The treated waste water conforms to the prescribed standards prior to its discharge into the surface water.	Complied.
2	The VPT must undertake a study on pollution aspects with reference to air, water and marine environment. Based on the study an Environmental management plan must be submitted within 6 months to this ministry for its approval.	Environment Advisor from M/s ASCI, Hyderabad has prepared a well structured Environment Management and monitoring plan.
3	A comprehensive disaster management plan based on the studies related to damage of port property caused by accidents and ?or fire , spillages/ leakages of hazardous materials and oil must be prepared and submitted to this ministry within 6 months for its approval.	The Disaster Management was prepared by M/s NEERI, Nagpur.
4	Strict regulations must be imposed on the transport of hazardous materials by road.	Complied.
5	The VPT must undertake the preparation of a perspective plan for the construction of new berths over the next 10 years.	Noted and being complied.
6	Appropriate arrangements for infrastructural facilities like Water supply, power supply and firefighting must be ensured for the proposed project.	Complied.
7	Green belting programme in and around the port premises must be undertaken by the VPT.	Complied.
8	Adequate financial provision should be made for meeting the expenses for implementation of the conditions from 1 to 7 above. The provision made should be intimated to this ministry.	Noted and being complied.
9	A review will be made to see progress of the implementation of these conditions after 6 months on review additional conditions as may be necessary may be imposed. The clearance is also subject to revocation if the implementation is not satisfactory.	Noted.

**VISAKHAPATNAM PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT****Six monthly compliance report**

Sub: Development of WQ-7&WQ-8 berth in the Northern arm of Inner Harbour of Visakhapatnam Port Trust-Revised scope of proposal for handling of multiple cargo through semi mechanized mode – Amendment of Environmental & CRZ Clearance – Reg.

Ref: Environmental clearance (EC-Amendment) granted to M/s Visakhapatnam Port Trust vide letter dated 21.11.2022 bearing F.No:11-93/2012-IA.III

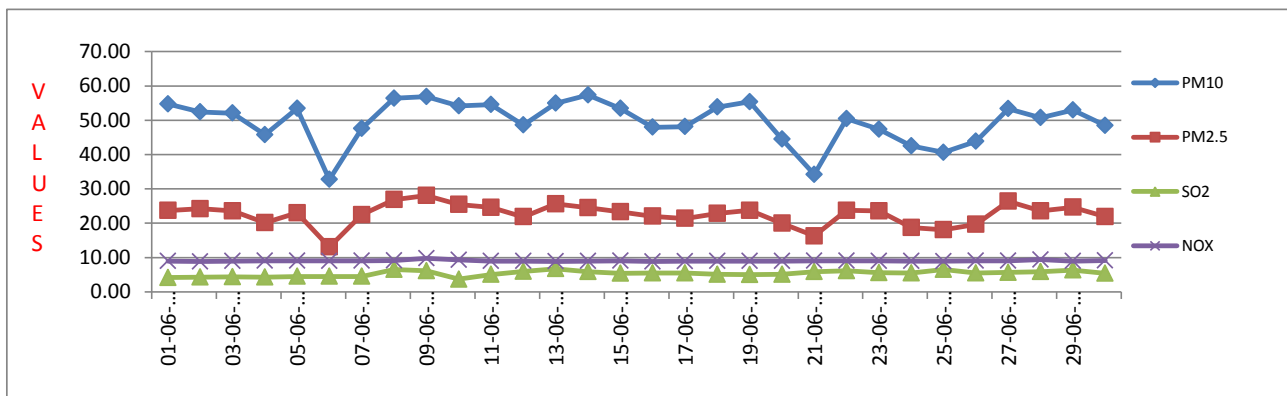
In additions to the specific conditions given vide EC & CRZ Clearance letter F.No. 11-93/2012-IA-III dated 25.05.2016 & Amendments Dt. 17.05.2017 and 16.11.2018		
General conditions:		
Sl.No	General conditions	Compliance
i.	All the condition in the Environmental and CRZ Clearance letter F. No.11-93/2012-IA-III dated 25.05.2016 and subsequent amendments vide letter even no. dated 17.05.2017 and 16 th November, 2018 shall remain unchanged.	Noted and being complied.
ii.	Risk assessment for spill scenarios and Disaster Management Plan as prepared shall be in place in the environment Management cell of VPT will all SOP's for various scenarios.	Noted and being complied.
iii.	Continuous Ambient Air quality monitoring stations shall be installed, covering all the berths for assessment of regular pollution level on landward side.	Noted and being complied.
iv.	Dust suppression shall be regularly carried out with water sprinkling and other measures.	Being complied.
v.	Records of regular dredging shall be maintained with periodic survey data.	Noted and being complied.
vi.	Sediment analysis of harbor at identified locations shall be analyzed and records for past and present period shall be maintained.	Noted and being complied.

Environment Impacts matrix sheet for Modernization and Expansion projects of VPT

Phase	Environment components					Action plan
	Air	Noise	Water	Land	Socio Economic Environment	
Construction						
Impacts due to quarrying operation	-ve	-ve -		-ve	+ve, temporary	Construction material shall be obtained only from Approved mines.
Impacts due to effluents from labour camps			-ve	-ve	+ve, temporary	The sewage generated from construction sites and labor camps shall be disposed into inland drainage system.
Impacts due to Dredging	-ve	-ve	-ve		+ve, temporary	The increase in turbidity levels of marine water at the project site due to sediments is a temporary, as there are no sensitive species located in the site there are no significant impacts.
Impacts due to operation of construction equipment	-ve	-ve	-ve		+ve, temporary	The mufflers shall be used and modifications in the engines as per requirement shall be carried out for minimizing the noise levels.
Impacts due to transportation of construction materials	-ve	-ve			+ve, temporary	Vehicles having RTA pollution levels testing certificate only shall be deployed for material movement.
Operation Phase						
Cargo handling operations	-ve	-ve	-ve		+ve	A standard and well structured EMS is in place for combating environment pollution effectively.
Solid waste	-ve	-ve	-ve	-ve		
Environmental impact of ship traffic	-ve	-ve	-ve	-ve		

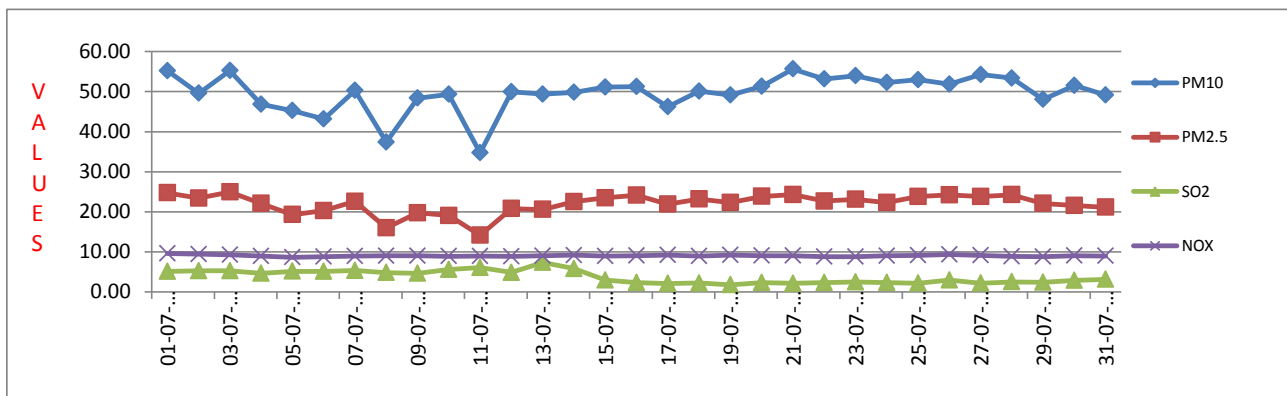
GCB Gate CAAQMS Month report for JUNE-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-06-2022	54.72	23.69	4.18	8.95
02-06-2022	52.42	24.20	4.27	8.83
03-06-2022	52.06	23.56	4.35	8.98
04-06-2022	45.76	20.14	4.27	9.02
05-06-2022	53.46	23.04	4.51	9.08
06-06-2022	32.75	13.07	4.51	9.01
07-06-2022	47.57	22.45	4.51	9.06
08-06-2022	56.37	26.88	6.54	9.13
09-06-2022	56.88	28.05	6.14	9.79
10-06-2022	54.18	25.44	3.70	9.29
11-06-2022	54.54	24.59	5.07	8.98
12-06-2022	48.58	21.86	5.92	8.96
13-06-2022	54.96	25.60	6.73	8.87
14-06-2022	57.33	24.52	5.88	8.98
15-06-2022	53.42	23.35	5.39	9.04
16-06-2022	47.96	22.03	5.49	8.85
17-06-2022	48.13	21.39	5.46	8.92
18-06-2022	53.82	22.89	5.13	8.97
19-06-2022	55.35	23.73	5.04	8.94
20-06-2022	44.49	19.97	5.12	8.96
21-06-2022	34.18	16.28	5.88	9.07
22-06-2022	50.46	23.75	6.11	9.04
23-06-2022	47.38	23.59	5.55	9.01
24-06-2022	42.53	18.73	5.50	8.97
25-06-2022	40.62	18.06	6.51	8.91
26-06-2022	43.86	19.65	5.48	9.05
27-06-2022	53.35	26.43	5.65	9.03
28-06-2022	50.72	23.60	5.85	9.41
29-06-2022	52.96	24.65	6.32	8.97
30-06-2022	48.46	21.87	5.42	9.11
Minimum	32.75	13.07	3.70	8.83
Maximum	57.33	28.05	6.73	9.79
Average	49.36	22.44	5.34	9.06

Reasons: We observed the values are below the NAAQ standards



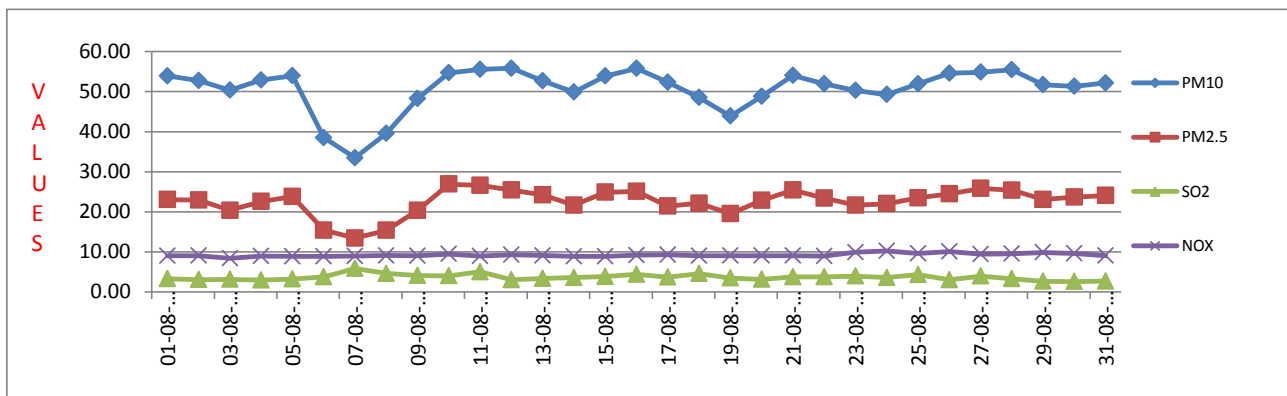
GCB Gate CAAQMS Month report for JULY-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-07-2022	55.19	24.72	5.12	9.57
02-07-2022	49.59	23.39	5.24	9.40
03-07-2022	55.25	24.95	5.25	9.25
04-07-2022	46.84	22.08	4.62	8.95
05-07-2022	45.24	19.28	5.15	8.64
06-07-2022	43.13	20.27	5.11	8.78
07-07-2022	50.30	22.59	5.32	8.94
08-07-2022	37.39	15.96	4.82	8.99
09-07-2022	48.39	19.71	4.62	9.01
10-07-2022	49.33	19.07	5.57	8.89
11-07-2022	34.71	14.17	6.06	8.93
12-07-2022	49.93	20.81	4.84	8.88
13-07-2022	49.37	20.57	7.32	9.01
14-07-2022	49.79	22.51	5.80	9.15
15-07-2022	51.14	23.48	2.97	8.94
16-07-2022	51.26	24.13	2.33	9.03
17-07-2022	46.22	21.92	2.11	9.22
18-07-2022	50.12	23.19	2.22	8.91
19-07-2022	49.17	22.28	1.75	9.19
20-07-2022	51.28	23.84	2.31	9.05
21-07-2022	55.64	24.30	2.11	9.03
22-07-2022	53.17	22.67	2.33	8.77
23-07-2022	53.94	23.09	2.48	8.78
24-07-2022	52.26	22.28	2.30	9.02
25-07-2022	52.98	23.83	2.17	9.10
26-07-2022	51.86	24.18	2.95	9.32
27-07-2022	54.23	23.78	2.17	9.09
28-07-2022	53.38	24.24	2.50	8.88
29-07-2022	48.04	22.08	2.39	8.80
30-07-2022	51.54	21.57	2.87	9.03
31-07-2022	49.14	21.12	3.12	8.96
Minimum	34.71	14.17	1.75	8.64
Maximum	55.64	24.95	7.32	9.57
Average	49.40	21.85	3.79	9.02

Reasons: We observed the values are below the NAAQ standards



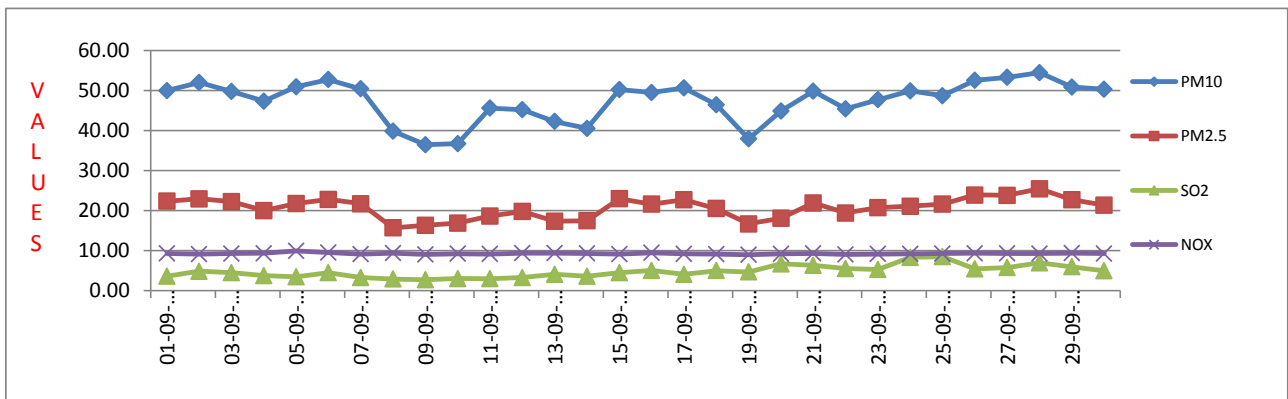
GCB Gate CAAQMS Month report for AUGUST-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-08-2022	53.93	23.05	3.29	9.00
02-08-2022	52.72	22.91	3.04	9.03
03-08-2022	50.38	20.35	3.12	8.36
04-08-2022	52.90	22.56	2.95	8.94
05-08-2022	53.94	23.81	3.22	8.86
06-08-2022	38.49	15.39	3.78	8.83
07-08-2022	33.48	13.39	5.84	8.95
08-08-2022	39.59	15.37	4.60	9.08
09-08-2022	48.26	20.34	4.10	9.00
10-08-2022	54.69	26.89	4.01	9.45
11-08-2022	55.52	26.58	4.99	8.94
12-08-2022	55.83	25.44	3.00	9.28
13-08-2022	52.66	24.23	3.37	9.08
14-08-2022	49.89	21.64	3.55	8.86
15-08-2022	53.89	24.88	3.81	8.84
16-08-2022	55.80	25.08	4.39	9.15
17-08-2022	52.36	21.42	3.69	9.23
18-08-2022	48.53	22.13	4.53	9.01
19-08-2022	43.91	19.49	3.46	9.06
20-08-2022	48.82	22.84	3.14	9.03
21-08-2022	54.05	25.45	3.72	9.02
22-08-2022	51.94	23.41	3.72	8.94
23-08-2022	50.28	21.63	3.94	9.89
24-08-2022	49.25	22.01	3.56	10.22
25-08-2022	51.95	23.48	4.31	9.59
26-08-2022	54.58	24.48	3.02	10.10
27-08-2022	54.85	25.82	3.94	9.41
28-08-2022	55.49	25.39	3.27	9.53
29-08-2022	51.74	23.07	2.64	9.85
30-08-2022	51.31	23.65	2.56	9.61
31-08-2022	52.16	24.04	2.67	9.03
Minimum	33.48	13.39	2.56	8.36
Maximum	55.83	26.89	5.84	10.22
Average	50.38	22.44	3.69	9.20

Reasons: We observed the values are below the NAAQ standards



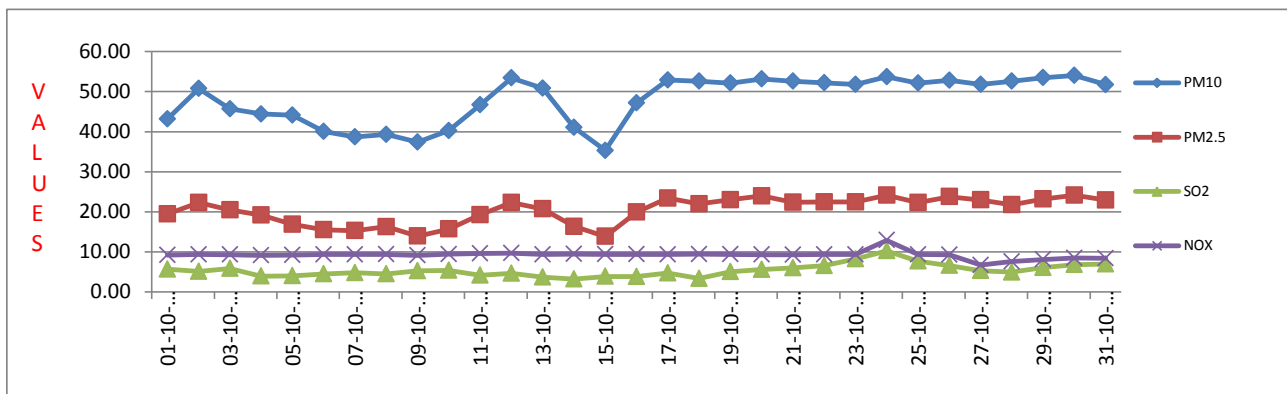
GCB Gate CAAQMS Month report for SEPTEMBER-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-09-2022	49.96	22.36	3.61	9.30
02-09-2022	51.99	22.95	4.86	9.14
03-09-2022	49.74	22.24	4.48	9.27
04-09-2022	47.33	20.01	3.78	9.35
05-09-2022	50.91	21.79	3.47	9.93
06-09-2022	52.73	22.78	4.50	9.52
07-09-2022	50.42	21.72	3.26	9.09
08-09-2022	39.85	15.71	2.91	9.38
09-09-2022	36.44	16.29	2.72	9.05
10-09-2022	36.74	16.88	3.04	9.24
11-09-2022	45.62	18.65	3.00	9.15
12-09-2022	45.22	19.78	3.26	9.37
13-09-2022	42.25	17.33	4.12	9.38
14-09-2022	40.51	17.44	3.64	9.30
15-09-2022	50.24	22.95	4.50	9.15
16-09-2022	49.49	21.59	5.07	9.44
17-09-2022	50.61	22.68	4.10	9.18
18-09-2022	46.44	20.51	5.01	9.11
19-09-2022	37.94	16.69	4.67	8.97
20-09-2022	44.88	18.12	6.69	9.18
21-09-2022	49.81	21.88	6.30	9.32
22-09-2022	45.41	19.41	5.55	9.07
23-09-2022	47.68	20.76	5.33	9.16
24-09-2022	49.90	21.10	8.33	9.21
25-09-2022	48.69	21.61	8.48	9.28
26-09-2022	52.54	23.89	5.47	9.34
27-09-2022	53.28	23.83	5.77	9.32
28-09-2022	54.46	25.40	6.95	9.26
29-09-2022	50.83	22.71	5.96	9.36
30-09-2022	50.28	21.35	4.97	9.26
Minimum	36.44	15.71	2.72	8.97
Maximum	54.46	25.40	8.48	9.93
Average	47.28	20.67	4.84	9.28

Reasons: We observed the values are below the NAAQ standards



GCB Gate CAAQMS Month report for OCTOBER-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-10-2022	43.16	19.44	5.66	9.18
02-10-2022	50.76	22.32	5.09	9.34
03-10-2022	45.71	20.48	5.83	9.29
04-10-2022	44.41	19.21	3.94	9.12
05-10-2022	44.11	16.86	4.01	9.22
06-10-2022	40.02	15.49	4.48	9.34
07-10-2022	38.65	15.27	4.79	9.31
08-10-2022	39.30	16.28	4.48	9.37
09-10-2022	37.38	13.93	5.24	9.12
10-10-2022	40.26	15.70	5.38	9.39
11-10-2022	46.69	19.23	4.14	9.57
12-10-2022	53.41	22.27	4.66	9.64
13-10-2022	50.81	20.71	3.65	9.35
14-10-2022	41.06	16.35	3.22	9.43
15-10-2022	35.30	13.85	3.86	9.38
16-10-2022	47.15	19.89	3.81	9.36
17-10-2022	52.91	23.40	4.68	9.31
18-10-2022	52.59	21.94	3.34	9.39
19-10-2022	52.10	22.99	5.03	9.38
20-10-2022	53.15	23.96	5.61	9.31
21-10-2022	52.60	22.38	5.96	9.27
22-10-2022	52.20	22.46	6.55	9.32
23-10-2022	51.76	22.43	8.26	9.35
24-10-2022	53.70	24.14	10.25	12.90
25-10-2022	52.10	22.32	7.67	9.33
26-10-2022	52.83	23.76	6.58	9.24
27-10-2022	51.76	22.97	5.29	6.69
28-10-2022	52.59	21.76	4.93	7.57
29-10-2022	53.50	23.19	6.07	8.08
30-10-2022	54.01	24.12	6.82	8.46
31-10-2022	51.76	22.90	6.94	8.39
Minimum	35.30	13.85	3.22	6.69
Maximum	54.01	24.14	10.25	12.90
Average	47.79	20.30	5.44	9.24

Reasons: We observed the values are below the NAAQ standards



GCB Gate CAAQMS Month report for NOVEMBER-2022				
DATE	PM 10	PM 2.5	SO2	NOX
Standards	100 ug/m3	60 ug/m3	80 ug/m3	80 ug/m3
01-11-2022	54.36	24.20	7.92	9.10
02-11-2022	56.28	26.52	6.50	8.38
03-11-2022	56.28	26.52	6.50	8.38
04-11-2022	55.13	25.37	6.94	8.39
05-11-2022	56.03	23.26	6.25	8.36
06-11-2022	54.07	24.07	8.28	8.68
07-11-2022	53.97	24.31	7.03	8.52
08-11-2022	56.96	27.21	7.93	9.65
09-11-2022	54.76	25.03	5.21	9.39
10-11-2022	52.67	23.46	4.81	9.26
11-11-2022	51.79	23.45	4.51	9.72
12-11-2022	52.85	24.06	5.65	9.47
13-11-2022	53.97	24.75	6.04	9.48
14-11-2022	52.22	23.26	8.26	9.34
15-11-2022	52.87	23.96	7.99	9.61
16-11-2022	52.45	22.93	8.99	9.49
17-11-2022	54.48	24.54	6.25	9.31
18-11-2022	56.23	26.49	8.26	9.33
19-11-2022	54.01	24.17	4.58	9.25
20-11-2022	58.47	27.29	7.72	9.42
21-11-2022	54.35	23.98	5.63	9.52
22-11-2022	52.84	24.35	4.40	9.81
23-11-2022	52.43	23.38	4.18	9.44
24-11-2022	48.35	19.71	5.33	8.40
25-11-2022	47.39	20.63	5.89	9.06
26-11-2022	49.41	20.65	7.49	9.27
27-11-2022	50.44	19.61	8.74	9.29
28-11-2022	49.18	20.81	8.71	9.50
29-11-2022	55.51	25.50	6.38	9.69
30-11-2022	52.80	24.63	4.87	8.23
Minimum	47.39	19.61	4.18	8.23
Maximum	58.47	27.29	8.99	9.81
Average	53.39	23.91	6.58	9.15

Reasons: We observed the values are below the NAAQ standards

