



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: August 9, 2019

To,  
**Harbour Engineering Division, Public Works Department (PWD)**  
at Government Land

**Subject:** Environment Clearance for CRZ clearance for proposed anti-sea erosion bund at Kalamb & Arnala Killa, Tal. Vasai and Gungwada, Tadiyale & Dandapada Chinchani, Tal. Dahanu of Palghar district.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 159th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category not applicable as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

1.Name of Project	CRZ clearance for proposed anti-sea erosion bund at Kalamb & Arnala Killa, Tal. Vasai and Gungwada, Tadiyale & Dandapada Chinchani, Tal. Dahanu of Palghar district.
2.Type of institution	Government
3.Name of Project Proponent	Harbour Engineering Division, Public Works Department (PWD)
4.Name of Consultant	Eco Chem Sales and Services
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Government Land
9.Taluka	Vasai and Dahanu
10.Village	Kalamb & Arnala Killa and Gungwada, Tadiyale and Dandapada Chinchani
11.Whether in Corporation / Municipal / other area	other area
12.IOD/IOA/Concession/Plan Approval Number	Not applicable IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	not applicable
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable

**SEIAA Meeting No: 159 Meeting Date: March 2, 2019 ( SEIAA-STATEMENT-000000541 )**  
**SEIAA-MINUTES-0000002413**  
**SEIAA-EC-0000001943**

Page 1 of 11

  
**Shri. Anil Diggikar (Member Secretary SEIAA)**

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	80000000



# Government of Maharashtra

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	No production	not applicable	not applicable	not applicable

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	Not applicable
	Fresh water (CMD):	2.5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	2.5
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
<b>Wet season:</b>	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
<b>Details of Swimming pool (If any)</b>	Not applicable	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2.5	2.5	0	0	0	0	0	0

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	Not applicable
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable

<b>26.Storm water drainage</b>	Natural water drainage pattern:	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable

<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	No Sewage generation
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	No solid waste generation
	<b>Disposal of the construction waste debris:</b>	Not applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	No operation phase hence not applicable
	<b>Wet waste:</b>	Not applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Not applicable
	<b>Wet waste:</b>	Not applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Not applicable
	<b>Area for the storage of waste &amp; other material:</b>	Not applicable
	<b>Area for machinery:</b>	Not applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Not applicable
	<b>O &amp; M cost:</b>	Not applicable

Government of  
Maharashtra

## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	No effluent generation	not applicable	not applicable	not applicable	not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



# Government of Maharashtra



### 30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable

### 31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable

### 32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	not applicable	not applicable	not applicable	not applicable

33. Source of Fuel not applicable

34. Mode of Transportation of fuel to site not applicable

### 35. Energy

<b>Power requirement:</b>	Source of power supply :	not required
	During Construction Phase: (Demand Load)	not required
	DG set as Power back-up during construction phase	not required
	During Operation phase (Connected load):	not applicable
	During Operation phase (Demand load):	not applicable
	Transformer:	not applicable
	DG set as Power back-up during operation phase:	not applicable
	Fuel used:	not applicable
	Details of high tension line passing through the plot if any:	not applicable

### Energy saving by non-conventional method:

not applicable

### 36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	not applicable	not applicable

37.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
not applicable	not applicable			not applicable			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	not applicable					
	O & M cost:	not applicable					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	not applicable	not applicable	not applicable				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	not applicable	not applicable	not applicable	not applicable			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
40.Any Other Information							
No Information Available							

Government of  
Maharashtra



	<b>CRZ/ RRZ clearance obtain, if any:</b>	Project itself is for CRZ clearance. It is recommended by MCZMA.
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	No protected area
	<b>Category as per schedule of EIA Notification sheet</b>	not applicable
	<b>Court cases pending if any</b>	not applicable
	<b>Other Relevant Informations</b>	not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 159th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	The proposed activities should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
<b>II</b>	All the anti-sea erosion works should be on landward side.
<b>III</b>	There should not be destruction of mangroves due to proposed activities.
<b>IV</b>	MMB should ensure that tidal movement of coastal water bodies should not be obstructed due to proposed activities.
<b>V</b>	There should not be any violations of provisions of CRZ Notification, 2011 (as amended from time to time) which should be ensured by MMB.
<b>VI</b>	All other mandatory permissions from different statutory authorities should be obtained prior to the commencement of work.
<b>VII</b>	This is only CRZ Clearance.

**General Conditions:**

<b>I</b>	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
<b>II</b>	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
<b>III</b>	Proper Housekeeping programmers shall be implemented.
<b>IV</b>	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
<b>V</b>	Arrangement shall be made that effluent and storm water does not get mixed.
<b>VI</b>	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
<b>VII</b>	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
<b>VIII</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

IX

The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



# Government of Maharashtra

**SEIAA Meeting No: 159 Meeting Date: March 2, 2019 ( SEIAA-STATEMENT-000000541 )**  
**SEIAA-MINUTES-0000002413**  
**SEIAA-EC-0000001943**

Page 10 of  
11

  
**Shri. Anil Diggikar (Member Secretary SEIAA)**

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR