

State Project Implementation Unit Department of Disaster Management Government of Kerala

NATIONAL CYCLONE RISK MITIGATION PROJECT-KERALA

DRAFT ENVIRONMENT
AND SOCIAL
MANAGEMENT
FRAMEWORK REPORT
Volume II

Acronyms

ASI	Archaeological Survey Of India
CRZ	Coastal Regulation Zone
DPIU	District Project Implementation Unit
EA	Environmental Assessment
EAC	Expert Appraisal Committee
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
ESMF	Environmental And Social Management
	Framework
GEMP	Generic Environment Management Plan
GOI	Government Of India
GOK	Government Of Kerala
GPS	Global Positioning System
HTL	High Tide Line
LTL	Low Tide Line
MOEF	Ministry Of Environment & Forest
MPCS	Mutli Purpose Cyclone Shelter
NCRMP	National Cyclone Risk Mitigation Project
NDMA	National Disaster Management
	Authority
NOC	No Objection Certificate
PCB	Pollution Control Board
PMU	Project Management Unit
SIA	Social Impact Assessment
SPIU	State Project Implementation Unit
TOR	Terms of Reference

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1. Introduction

The key steps involved in Environmental and Social Screening that are laid down in the Environment and Social Management Framework (ESMF) Phase II for project States under NCRMP Phase II is as follows:

- Step 1: Ascertain presence of any environmentally sensitive areas as detailed in screening criteria section Part-B and w.r.t. CRZ zones during site identification.
- Step 2: Confirm applicability of regulations and whether any of the sub-projects are
 prohibited as per the existing law / regulations in the proposed sites. Wherein the proposed
 activity is restricted, Step 1 needs to be performed again.
- Step 3: Conduct reconnaissance site visits for ground truthing to incorporate additional information.
- Step 4: Revisit the screening check list and ascertain outcomes of the Part B (2) and Part C
 (2) of the screening checklist. Undertake the detailed screening process for all investments in consultation with the line department.
- Step 5: Determine the requirement of an EIA / SIA study & its scope and other applicable rules /regulations and clearances.
- Step 6: If EIA/SIA is required, then:
 - ➤ Step 6.1 Prepare ToR for EIA / SIA studies and appoint Environment and Social Management Consultants.
 - > Step 6.2: Conduct EIA / SIA as per the scope defined in the ToR along with preparation of the detailed DPR documents.
- Step 8: Check for applicable NOC / Clearances from MoEF/ State PCB's etc as applicable
- Step 9: Ensure integration of GEMP and / or Specific EMP measures (as applicable) with bid documents and contract provisions.
- Step 10: Project implementation and monitoring to ensure EMP / GEMP implementation.

ESMF Volume II document narrates the results of Environmental and Social screening of the sites identified and screened across the nine coastal districts of the State. The reports of the selected sites (as per G.O (Rt) no. 641/DMD/2016 dated 28.01.2016) have been partitioned into three sections – ESMF Checklist, Brief Report, report of Panchayath/ Municipal Corporation meeting on construction of

MPCS at the site. Details of sites proposed from the District Administration of nine coastal districts but not selected for the project are also detailed in this document.

ESMF Volume II is an 'up-to-date' or a 'live document' allowing revision, from time to time when necessary. Certain aspects not foreseen at preconstruction phase of the project may not be not included in this document and such aspects needs to be assessed and appropriate modifications will be incorporated in to the document. For example, any variation in the building design would be assessed and appropriate changes will be incorporated by updating the said Framework. Revisions will also cover and update any changes/modifications introduced in the legal/regulatory regime of the country/ state. Also, based on the experience of application and implementation of this framework, the provisions and procedures would be updated, as appropriate in consultation with the World Bank and the implementing agencies/departments.

2. District: Kasargod

Well-known for coir and handloom industries, Kasaragod, is the northernmost district of Kerala. To the north and east of the district is Karnataka State and to the south and west is Kannur District and Arabian Sea respectively. The district lies between North latitudes 12° 2' and 12° 45' and East longitudes 74° 52' and 75° 26'. The district has a total area of 1989 Sq.Km with 70 kilometer long coastline and falls in the North Kerala Coast. Kasaragod District consists Cannanore Coast, Kasaragod Table Land and Peringom Mattannur Undulating Upland.

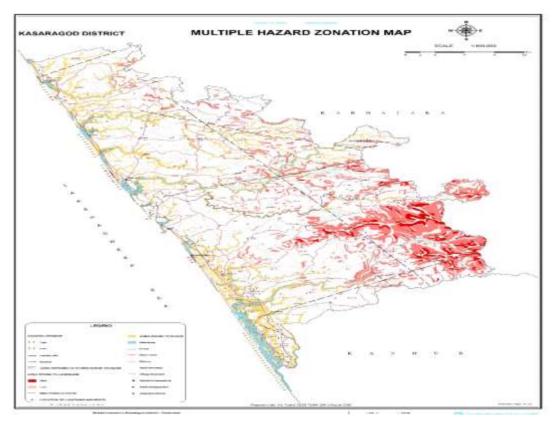
The sites selected for construction of Multipurpose Cyclone shelters in Kasargod District are at Koipady Village, Kudlu (Shiribagilu) village and Pullur village of Kasargod District.

Profile of Kasargod	
Headquarters	Kanjhangad
Total Population	1,307,375
Male	628,613
Female	678,762
Population Growth	8.58%
Density/Km2	657
Number of Taluks	4
Number of Villages	75
Number of Panchayath Wards	39
Forest Area	115.09 Km2
Average Rainfall	3,500mm
Temperature	Min: 22°C
remperature	Max:37°C
Number of major rivers	12
Major Soil	Coastal plain soil

Vulnerability Assessment of the District

The banks of major rivers Chandragiri, Kariangode, Shiriya, Uppala their rivulets and paddy fields are prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in	in Flood Coastal Erosion				Storm						
the district			Lo	Low		High				surge/ Tsunami	
district					Without With sea wall seawall		inundation				
	Area	Are	Lengt	Lengt	Lengt	Lengt	Lengt	Lengt	Are	Are	
	km2	a %	h Km	h %	h Km	h %	h Km	h %	а	a %	
									km2		
Hosdurg	87.1	8.8	15.0	30.5	1.3	2.6	1.4	2.9	32.6	3.3	
Kasargod	111.	11.2	13.3	34.5	-	-	2.9	7.6	18.2	1.8	
е	7										
Total	198.	10.0	28.3	32.1	1.3	1.5	4.3	4.9	50.8	2.6	
	8										



Source: National Centre for Earth Science Studies

1. MPCS AT KOIPADY VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/KSD/ HOS/KOIPADY -1			
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Kasargod			
Taluk	Manjeshwar			
Village	Koipady			
Panchayath/Municipal Corporation	Kumbla Gramapanchayath			
Survey Number	Re-Survey number: 168/1pt			
Latitude	12° 35' 40.2″N			
Longitude	74° 56' 49.1"E			
Mean Sea Level	49m			
Size of the sub-project				
Cyclone Shelter – approx. built up area				
Land requirement for the sub project (in Ha or m	2)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	900 SQ.M			
c. Forest Land	Nil			
Existing Land use	Barren land			
Approach roads				
Road name	Kumbla Police Station road			
Existing road	Length: 500m ROW: 8m			
Proposed road	No approach road proposed			
Boundary wall requirement	No			

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within environmentally sensitive area?	Remarks if any	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	

Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	Kumbla river is at a
meters from flood plain or modified flood plain or		distance of 520m to
by flood control systems of a riverine system?		the north and west
		of the site
Is the sub-project located in whole or in part 500	No	Railway line is 524m
meters from railway line?		from the site.
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (1 km	
the Coastal Regulation Zone?		from HTL)	

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 900 SQ.M.	
NOT annucanie as the construction area is less than 900 NO	
inot applicable as the construction area is less than 500 5Q.ivi.	

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required				
CRZ clearance Not applicable				
Environmental clearance	Not applicable			
Forest clearance	Not applicable			

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?		Remarks if any
Private Land		

Government Land	Yes	900 SQ.M of land in Ownership of Education department
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

· · · · · · · · · · · · · · · · · · ·	
Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Koipady Village of Manjeshwar Taluk in Kasargod District. The site is entitled to Education Department.

The site is located at a distance of 1 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is located within the compound of Government Senior Basic School of Koipady Village. The site is near to existing school buildings and Rain water harvesting tank. Approximately 900 sq.m of land which is used as playground is available for construction.

Village office, Police station, Government Higher Secondary School, Kerala Gramapanchayath Matsya Bhavan and College of Applied sciences are located within 1km radius of the MPCS. The site and School share a common entrance gate and has direct access from a side road. The MPCS could be used for school activities as well as for holding camps during elections and other trainings.

Approach roads

The site is directly accessible from GHS road which is 400m from the main road. Upgradation of existing approach road is not proposed.

Demography of Koipady Village

According to 2011 Census, the village has 3541 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	18,121
Male	9,012

Female	9,109
In the age group 0-6 years	2,006
Scheduled Castes (SC)	882
Scheduled Tribes (ST)	217
Literates	14,504
Illiterate	3,617
Worker	7,098
Non Worker	11,023

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Koipady MPCS is only 1800 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Koipady MPCS is 1 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Koipady MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



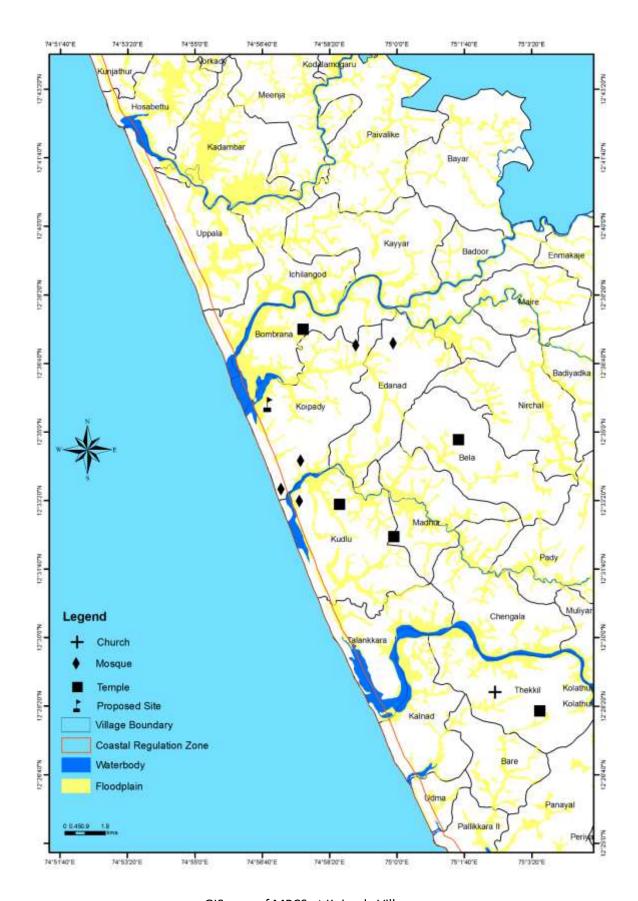
3. Entry to the site



2. View of the site



4. School building near to the site



GIS map of MPCS at Koipady Village

PART C: PANCHAYATH RESOLUTION

District	Kasargod
Village	Koipady
Panchayath	Kumbla Gramapanchayath
Place	Kumbla
Date	20.04.2016

(a) (e/a



KUMBLA GRAMA PANCHAYAT

Kumbla P O, Kasaragod-671 321

Phone : 04998- 213033

E-mail: seckumbalagp@gmail.com

നിയ്യതി 02.06.2016

n@3- #685/16

വേഷത്തർ

സെകുടി

ര്ത്തന്ത്രവണ്ടം ജസ്യാ ഉണ്ടുക

സ്വാഹത്താവ്

ബഹു. അഡിഷണൽ ഡിസ്ട്രിക്ട് മജിസ്ട്രേറ്റ് കാസർഗോഡ്

mid.

വിഷയം : കുമ്പള ഗ്രാമ പഞ്ചായത്ത് -വിവിധോദ്യേശ്യ മണ്സുൺ പുന:രധിവാസ കേന്ദ്രം-സമ്മതപത്രം നൽകുന്നത് - സംബന്ധിച്ച്

1/6/

- സൂചന : t അഹസിയ്മാർ മഞ്ചേശത്തിന്റെ ദേശു.2016 തീയ്യതിയിലെ ജിദ.1682/2016 നമ്പർ കത്ത്
 - കുമ്പള ഗ്രാമ പഞ്ചാതത്ത് ട്രരണ സമിതിയുടെ 20.04.2016 ലെ 66 (02)/16 നമ്പർ തീരുമാനം
 - ഹെഡ്മാസ്റ്റർ ജി.എസ്.ബി.എസ് കുമ്പള, എൽ.എസ്.ജി.ഡി അസിസ്റ്ററു് എഞ്ചിനിയർ എന്നവരുടെ റിപ്പോർട്ട്

മഞ്ചേശങ്ങം താലുക്കിൽ വിവിധോദ്യേശ്യ മൺസുൺ പുനാധിവാസ കേന്ദ്രം കുമ്പള വാര പഞ്ചായത്തിലെ കോയിപ്പാടി വില്ലേജ് തിന്നർത്വെ നമ്പർ ടെ/1 പാർട്ട്, ജിഎസ്.ബി.എസ് കുമ്പള സ്കൂളിനോട് പേർന്ന് സ്ഥാപിക്കുന്നതിന് നിലവിൽ പാരിസ്ഥിതിക പ്രശ്നങ്ങൾ ഒന്നും തന്നെ ഇല്ല എന്ന വിവരം തുടർ നടപടികൾക്കായി സമർപ്പിക്കുന്നു.

വിശാസ്തതത്തോടെ

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രക്കയിപ്പാടി വില്ലേജിൽ R S No 168/1 പാർട്ട് ജി എസ് ത്വ എസ് കുന്നള സ്കുളിനോട് ചേർന്ന് വിവിയോഗ്രേക് മാർസ്വാന് ഫ്രോഗ്രിവാസ കേര്രം സ്ഥാപിക്കുന്നതിന് ഗവൽകാർ ഉദ്ധാരവായിട്ടുണ്ടെന്നും ആയത് നിർയിക്കുന്നതിന് സാത്യപരിക ചാരിസ്ഥിൽം പ്രശ്നങ്ങൾ ഒന്നുമില്ല എന്ന സ്ഥാനപ്പുവ യാർഷനമാണ് ആവശ്യപ്പെട്ട് കൊണ്ട് ദ്യോശ്യര് വെ ജിവിയോഗ്ര നമ്പർ മഞ്ചശരാ തഹസിൽദാറുടെ കത്ത് വായിച്ചു സമരത്പുത്രം ആസ് കുന്നളയോടും അസിസ്റ്റർ എങ്ങിനിയർ എൽ.എസ്.ജി.ഡി കുന്ന് കുന്നളയോടും അസിസ്റ്റർ എങ്ങിനിയർ എൽ.എസ്.ജി.ഡി

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പ്പെടുത് കുമ്പുള ഗ്രാല പ്രജോഗത്ത്

Summary of the Panchayath meeting decision:

- The Kumbla Gramapanchayath discussed on decision taken in Government Order: G.O
 (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone Shelter
 in the compound of GSBS, Kumbla of Koipady Village as informed through Letter no.
 G3/1082/10 dared 31.03.2016 from Tahsildar of Manjeshwar.
- 2. The Panchayath has directed the Local Self Government Department and Head Master of the school to submit a report in this regard.

2. MPCS AT PULLUR VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-project		
Sub Project id	NCRMP/KER/KSD/ HOS/PULLUR -1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Kasargod	
Taluk	Hosdurg	
Village	Pullur	
Panchayath/Municipal Corporation	Pullur-Periya Gramapanchayath	
Survey Number	Survey number: 110/1A3A	
Latitude	12° 21' 28.2″N	
Longitude	75° 6' 1.4"E	
Mean Sea Level	49m	
Size of the sub-project		
Cyclone Shelter – approx. built up area		
Land requirement for the sub project (in Ha or m ²)		
Total Requirement		
a. Private Land	Nil	
b. Government Land	1300 SQ.M	
c. Forest Land	Nil	
Existing Land use	Barren land	
Approach roads		
Road name	Pullur-Pannikunnu road (Haripuram Mengoth Kodavalam Road)	
Existing road	ROW: 8m	
Proposed road	No approach road proposed.	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	The site is 800m
		from the stream of
		Chithari river.
Important bird areas	No	

Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (4.5 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 1300 SQ.M.

PART C3: Environmental screening – outcome Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	
Government Land	Yes	Approximately 500 SQ.M of land under ownership of Revenue Department.
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State	
	Project Implementation Unit, NCRMP-	
	Kerala	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Pullur Village of Hosdurg taluk in Kasargod District. The site is entitled to Revenue Department.

The site is located at a distance of 4.5 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is a barren land with gentle slopes towards the southern portion. Village office of Pullur is located to the immediate north of the site. Government Upper Primary School and Industrial Training Institute is located to the west of the site.

Approach roads

The site is directly accessible from the nearby Pullur Pannikunnu (Mengoth Kodavalam road) main road. Uupgradation of existing approach road is not proposed.

Demography of Pullur Village

According to 2011 Census, the village has 3667 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Persons
15,565
7,436
8,129
1,663
155
1224
12,232
3,333
6,406
9,159

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Pullur MPCS is only 580 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Pullur MPCS is 4.5 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Pullur MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



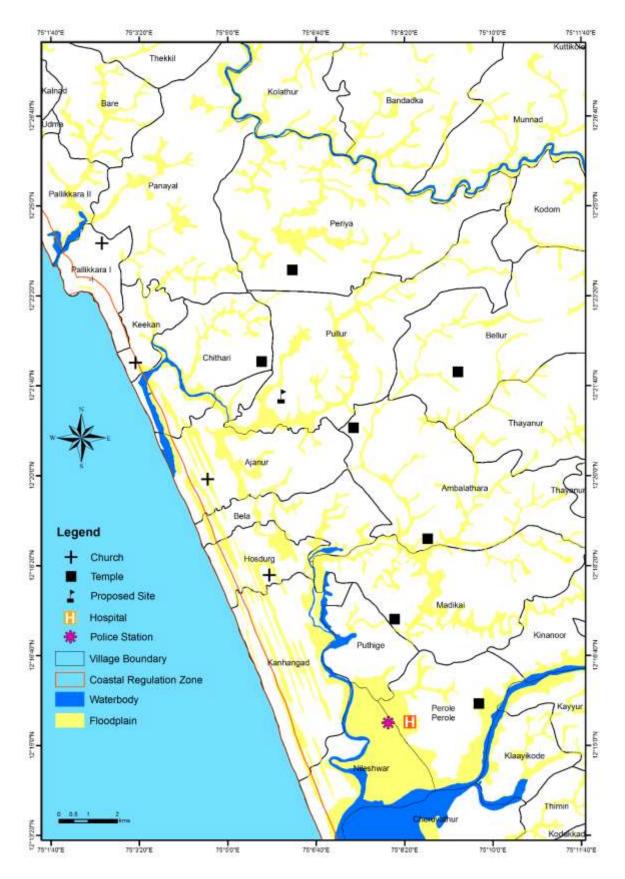
1. Aerial view of the site



2. View of the site (Village Office building can be seen)



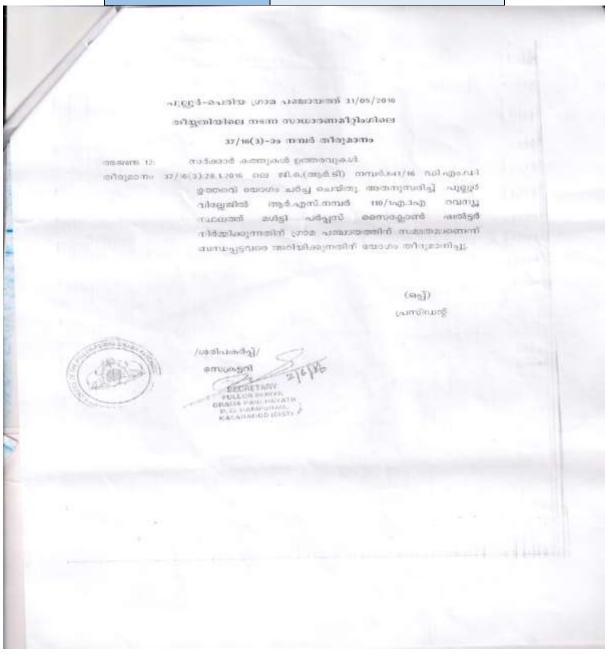
3 and 4. Access road to the site



GIS map of MPCS at Pullur Village

PART C: PANCHAYATH RESOLUTION

District	Kasargod
Village	Pullur
Panchayath	Pullur Periya Gramapanchayath
Place	Pullur
Date	21.052016



Summary of the Panchayath meeting decision:

- The Pullur Periya Gramapanchayath discussed on decision taken in Government Order: G.O
 (Rt) no. 641/2016/DMD dated 28.01.2016 on 28.01.2016 for constructing a Multi-Purpose
 Cyclone Shelter in Pullur Village.
- 2. The Panchayath agreed and accepted the decision of the Government to construct a MPCS at Resurvey no: 110/1A3A of Pullur Village.
- 3. The Panchayath decided to inform the Authorities regarding the consent of the Panchayath in constructing the Multi-Purpose Cyclone Shelter.
- 4. The Panchayath in decision no. 37/16 (3) dated 31/05/2016 has informed the District Collector Kasargod regarding the decision taken by Pullur Periya Gramapanchayath.

3. MPCS AT KUDLU (SHIRIBAGILU) VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/KSD/ KAS/KUDLU-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kasargod		
Taluk	Kasargod		
Village	Kudlu (Shiribagilu)		
Panchayath/Municipal Corporation	Madhur Gramapanchayath		
Survey Number	Block 37, Survey number: 232		
Latitude	12° 32' 25.9″N		
Longitude	74 ^o 59' 38.3"E		
Mean Sea Level	50 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1500 SQ.M		
Land requirement for the sub project (in Ha or m ²)			
Total Requirement			
d. Private Land	Nil		
e. Government Land	700 SQ.M		
f. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	Chowki-Uliyathaduka road		
Existing road	ROW: 12 m		
Proposed road	No approach road proposed.		
Boundary wall requirement	No		

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	

Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	The site is 2 km from
meters from flood plain or modified flood plain or		the stream of
by flood control systems of a riverine system?		Madhuvahini river.
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (4 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is only 1500 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	
Government Land	Yes	Approximately 700 SQ.M of land under ownership of Revenue Department.

Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist,	
	State Project Implementation Unit,	
	NCRMP-Kerala	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Kudlu (Shiribagilu) Village of Kasargod taluk in Kasargod District. The site is entitled to Revenue Department.

The site is located at a distance of 4 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments (under ASI's Central/State list).

The site is a barren land near to the main road and a school and Mosque is located near to the site. Electric poles and lines are located to the south of the site.

Approach roads

The site is directly accessible from the Chowki-Uliyathaduka main road. Upgradation of existing approach road is not proposed.

Demography of Kudlu (Shiribagilu) Village

According to 2011 Census, the village has 1449 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	7,630
Male	3,757
Female	3,873
In the age group 0-6 years	944
Scheduled Castes (SC)	314
Scheduled Tribes (ST)	89
Literates	5,955
Illiterate	1,675
Worker	2,518
Non Worker	5,112

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Kudlu (Shribagilu) MPCS is only 700 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Kudlu (Shiribagilu) MPCS is 4 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kudlu (Shribagilu) MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1.Aerial view of the site



3. View of the site



2. View of the site from access road



4. Access road near to the site (Electric poles and lines can be seen)

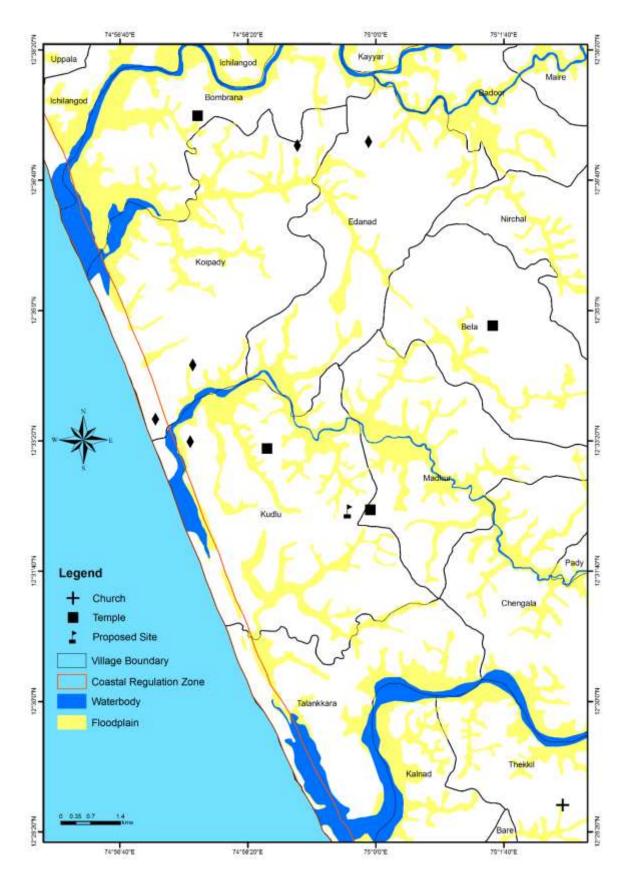
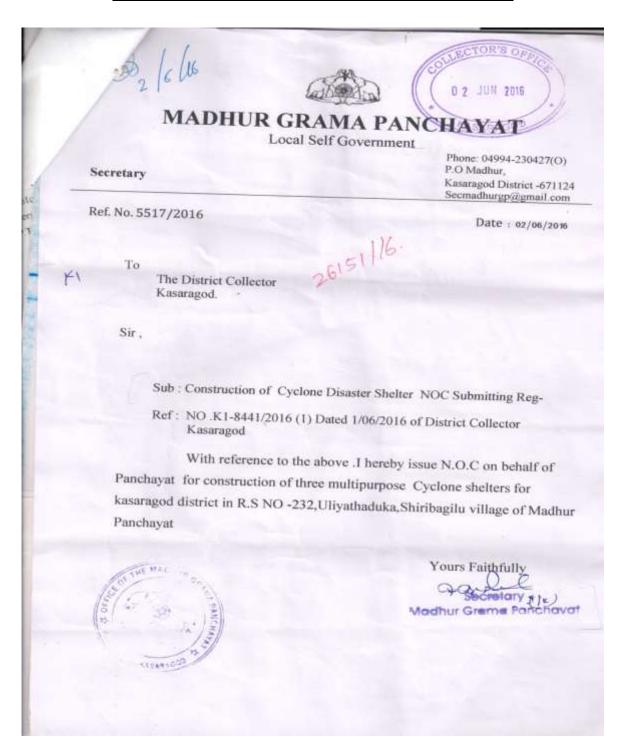


Fig 2: GIS map of MPCS at Kudlu (Shiribagilu) Village

PART C: PANCHAYATH RESOLUTION

District	Kasargod
Village	Kudlu (Shiribagilu)
Panchayath	Madhur Gramapanchayath
Place	Madhur
Date	02.06.2016



Summary of the Panchayath meeting decision:

- The Madhur Gramapanchayath discussed on decision taken in Government Order: G.O (Rt)
 no. 641/2016/DMD dated 28.01.2016 on 02.06.2016 for constructing a Multi-Purpose
 Cyclone Shelter in Kudlu (Shiribagilu) Village.
- 2. The Panchayath has no objection in constructing a MPCS at Resurvey no: 232 of Kudlu (Shiribagilu) Village.
- 3. The Panchayath in its letter no 5517/2016 dated 02.06.2016 decided to inform the Authorities regarding the consent of the Panchayath in constructing the Multi-Purpose Cyclone Shelter.

3. District: Kannur

Kannur district lies between latitudes 11° 40' to 12° 48' North and longitudes 74° 52' to 76° 07' East. The district is bounded by the Western Ghats in the East (Coorg district of Karnataka State), Kozhikkode and Wayanad districts, in the South, Arabian Sea in the West and Kasaragod (the northern end district of Kerala) in the North.

The district can be divided into three geographical regions - highlands, midlands and lowlands. The highland region comprises mainly of mountains. The midland region, lying between the hillocks and the low lands, is made up of undulating hills and valleys. The lowland is comparatively narrow in width and comprises of rivers, deltas and seashore. This is a region of coconut and paddy cultivation.

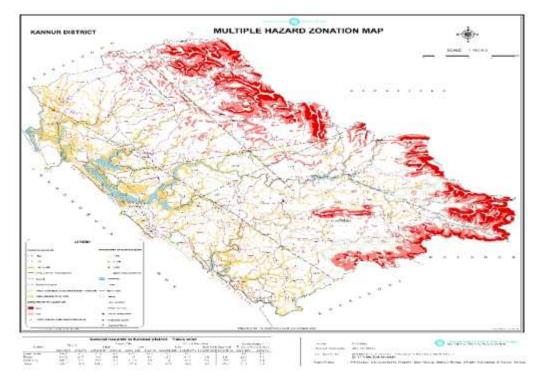
The sites selected for construction of Multipurpose Cyclone shelters in Kannur District are at Kannur-2 Village and Kadirur village of Kasargod District.

Profile of Kannur	
Headquarters	Kannur
Total Population	25,25,637
Male	11,84,012
Female	13,41,625
Population Growth	3.47%
Density/Km2	852
Number of Taluks	4
Number of Villages	129
Number of Panchayath Wards	81
Forest Area	187.90 Km2
Average Rainfall	3,438 mm
Temperature	Min: 26°C
remperature	Max:35°C
Number of major rivers	12
Major Soil	Coastal plain soil

Vulnerability Assessment of the District

With a length of 110 Kms, the Valapattanam River, which originates from the Western Ghats, is the longest river in the district. The main tributaries of the river are Valiapuzha and Aralampuzha. The main other rivers in the district are passing through Kuppam, Mahe, Anjarakkandy, Thalassery, Ramapuram and Perumba. The banks of these rivers are prone to flooding during monsoon. Rough sea, high waves and coastal erosion are the major hurdles of the community.

			Coastal Erosion			Storm	
Taluks in the district	Flood		Low		High With sea wall		surge/ Tsunami inundatio n
	Area km2	Area %	Lengt h Km	Length %	Length Km	Length %	Area km2
Thaliparamba	116.4	8.8	2.6	29.3	-	-	3.8
Kannur	116.2	26.7	13.3	31.5	3.8	8.9	22.5
Thalassery	106.2	8.8	1.4	10.1	5.6	39.2	4.8
Total	339.2	11.4	17.4	26.6	9.3	14.3	31.1



Source: National Centre for Earth Science Studie

1. MPCS AT KANNUR-2 VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/KNR/KAN/KANNUR2-1
Type of proposed sub-project activity	MPCS
Location of the sub project activity	
State	Kerala
District	Kannur
Taluk	Kannur
Village	Kannur 2
Panchayath/Municipal Corporation	Kannur Municipal Corporation
Survey Number	Ward no. 3, Block no: 1, TS 44
Latitude	11° 52' 20.5″N
Longitude	75° 21' 33.5"E
Mean Sea Level	49m
Size of the sub-project	
Cyclone Shelter – approx. built up area	1800 SQ.M
Land requirement for the sub project (in Ha or m ²)	
Total Requirement	
d. Private Land	Nil
e. Government Land	900 SQ.M
f. Forest Land	Nil
Existing Land use	School ground
Approach roads	
Road name	SN Park-Chalad road
Existing road	The site is directly accessible from the main
Existing road	road
Proposed road	No approach road proposed
Boundary wall requirement	No

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within environmentally sensitive area?	Remarks if any	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	

Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	Railway line is 670m
meters from railway line?		from the site.
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (0.70
the Coastal Regulation Zone?		km from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 900 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance	Not applicable	
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

2. Does the proposed sub-project activity require a	Remarks if any	
Private Land	No	
Government Land	Yes	900 SQ.M of land in Ownership of Education department

Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Kannur-2Village of Kannur Taluk in Kannur District. The site is entitled to Education Department.

The site is located at a distance of 700 m from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is located within the compound of town Higher Secondary School, Chalad. The site is part of the playground and has playground equipment which will have to be relocated. A recently prepared jumping pit was noted in the site. LBS centre for training is adjacent to the site. Construction of two classroom buildings is in progress in the school premises. The school was used as relief camps earlier during heavy rains and flooding.

Approach roads

The site is directly accessible from SN Road Chalad of 50m length and 8m ROW.

Demography of Kannu-2 Village

According to 2011 Census, the village has 11,418 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	56,823
Male	26,298
Female	30,525
In the age group 0-6 years	6,376
Scheduled Castes (SC)	2,674
Scheduled Tribes (ST)	159
Literates	48,536
Illiterate	8,287
Worker	15,324
Non Worker	41,499

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Kannur 2 MPCS is only 1800 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Kannur 2 MPCS is 700 m from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kannur MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



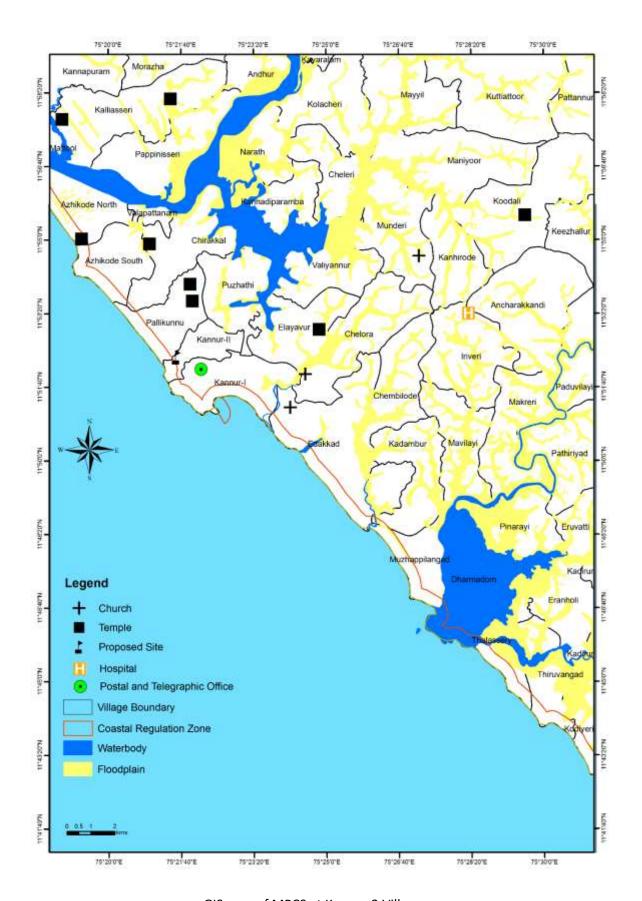
3. View of the site (Jumping pit can be seen)



2. View of the site



4. School premises



GIS map of MPCS at Kannur 2 Village

PART C: PANCHAYATH RESOLUTION

District	Kannur
Village	Kannur
Panchayath	Kannur Municipal Corporation
Place	Kannur
Date	20.04.2016

കണ്ണൂർ നഗരസഭാ കൗൺസിലിന്റെ 26-2-2016 ലെ 1-ാം നമ്പർ തീരുമാനം ഇ1-2815/16

NCRMP (National Cyclone Risk Mitigation Project) പദ്ധതിയിൽ ഉൾപ്പെടുത്തി കണ്ണൂട്-2, വാർഡ്-3, സ്റ്റോക്-1, സർവ്വെ ടി.എസ് നമ്പർ 44 ടൗൺ ഫയർസേക്കന്ററി സ്കൂൾ, എസ്.എൻ.പാർക്ക് ചാലാട്-ൽ സെഫ്ലോൺ ഷെൽട്ടർ നിർമ്മിക്കാർ അനുമതി നൽകുന്ന വിഷയോ കൗൺസിൽ മൂമ്പാകെ.

കുറിപ്പ്:- 1. ബഹു:ജില്ലാ കലക്ടറുടെ 11-2-2016ലെ എാ1-24797/14 നമ്പർ കത്ത്.

 Disaster Management ഡിപ്പാർട്ട്മെന്റിന്റെ 26-1-16 ലെ G.O(Rt) No.641/2016/DMD നമ്പർ ഉത്തരവ്.

 National Cyclone Risk Mitigation Project ഒന്റ 8-2-16 ഒല NCRMP/SPILI/010/15 നമ്പർ കത്ത് മുഖാത്തിരം കൗൺസിൽ തിരുമാനം പ്രത്യേക ഫോർമാറ്റിൽ നൽകാൻ അറിയിച്ചിട്ടുണ്ട്.

Decision

Kannur Municipal Corporation agrees and accept the decision of the state government vide GO (Rt) No.641/2016/DMD dt.28 th January 2016 to construct a multipurpose cyclone shelter at Kamur, Kannur-2, Ward-3, Block-1, Survey No T.S.44, Town Higher Secondary School, S.N.Park, Chalad. Kannur Municipal Corporation does not see any environmental and social consequences in constructing the multipurpose cyclone shelter at the proposed site.

ഒപ്പ് ചെയർമാൻ

// ഗതിപ്പകർപ്പ്//

ली का उपार्क करा



Summary of the Panchayath meeting decision:

- Kannur Municipal Corporation discussed on decision taken in Government Order: G.O (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone Shelter in Kannur 2 Village as informed through Letter no. M1/24797/14 dated 11.02.2016 from District Administration, Kannur
- 4. Kannur Municipal Corporation in its resolution no E1/2815/16 (1) dated 26.02.2016 agrees and accepts the decision of State Government to construct MPCS at Ward no. 3, Block no: 1, TS 44, Town Higher Secondary School, Chalad. The Corporation does not see any adverse environmental and social issues in construction of MPCS at the location.

2. MPCS AT KATHIIRUR VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project		
Sub Project id	NCRMP/KER/KNR/THA/KATHIRUR-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Kannur	
Taluk	Thalassery	
Village	Kathirur	
Panchayath/Municipal Corporation	Kadirur Gramapanchayath	
Survey Number	Survey number: 89/3	
Latitude	11° 46' 24"N	
Longitude	75° 31' 24.1"E	
Mean Sea Level	77 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1000 SQ.M	
Land requirement for the sub project (in Ha or n	n²)	
Total Requirement		
g. Private Land	Nil	
h. Government Land	600 SQ.M	
i. Forest Land	Nil	
Existing Land use	Barren land	
Approach roads		
Road name	Thalassery Coorg road	
Existing road	50m Length, 5m ROW	
Proposed road	No approach road proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	

Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (5 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is only 1000 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	
Government Land	Yes	Approximately 600 SQ.M of land under ownership of Revenue Department.
Forest Land	No	

2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-
	Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Kathirur Village of Thalassery taluk in Kannur District. The site is entitled to Revenue Department.

The site is located at a distance of 5 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is a barren land and is used as playground at present. It was informed by the Village Officer that the MPCS could be used as community halls as no such facility is available in the village. A non-perennial stream is located to one corner of the site.

Approach roads

An approach road of 50m length and 5m ROW connects the site to Thalassery Koorg main road.

Demography of Kathirur Village

According to 2011 Census, the village has 6817 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	31,087
Male	13,926
Female	17,161
In the age group 0-6 years	3,030
Scheduled Castes (SC)	366
Scheduled Tribes (ST)	75
Literates	27,403
Illiterate	3,684
Worker	9,381
Non Worker	21,706

Legal Clearances

Environmental Clearance

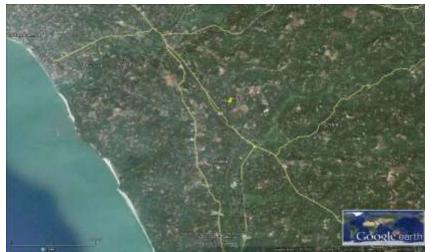
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Kathirur MPCS is only 1000 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Kathirur MPCS is 5 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kathirur MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



2. Aerial view of the site



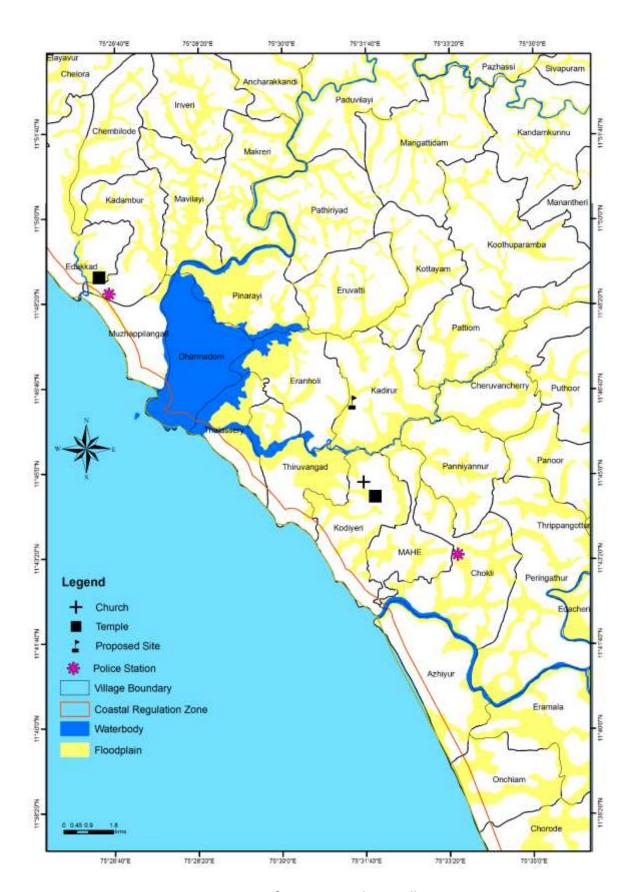
3. Entry to the site



2. View of the site



4. View of the site



GIS map of MPCS at Kathirur Village

PART C: PANCHAYATH RESOLUTION

District	Kannur
Village	Kathirur
Panchayath	Kadirur Gramapanchayath
Place	Kathirur
Date	25.02.2016

Kadirur Gramapanchayat Resolution No 21/16 of the ordinary meeting conducted on 25/02/2016

Agenda 3

Letters and Government orders

Resolution21/16

Kadirur Gramapanchayat agrees and accepts the decision of the state Government vide GO(Rt)No 641/2016/DMD dated 28th January 2016 to construct a multi purpose cyclone shelter at Revenue Land in Ponniam. Kadirur survey number 89/3. Kadirur Gramapanchayat does not see any environmental and social consequences in constructing the multi purpose cyclone shelter at the proposed site.

(Signed)

President

Kadirur Gramapanchayat

// True Copy//

Secretary

Kadirur Gramapanchayat

Summary of the Panchayath meeting decision:

- Kadirur Gramapanchayath discussed on decision taken in Government Order: G.O (Rt) no. 641/2016/DMD dated 28.01.2016 on 28.01.2016 for constructing a Multi-Purpose Cyclone Shelter in Kadirur Village.
- 6. The Panchayath in its resolution no. 21/16 dated 25/02/2016 agreed and accepted the decision of the Government to construct a MPCS at Survey no: 89/3 of Kadirur Village.
- 7. The Panchayath in decision no. 37/16 (3) dated 31/05/2016 has informed the District Collector Kasargod regarding the decision taken by Kadirur Gramapanchayath.

4. District: Kozhikode

Kozhikode District

The district of Kozhikode is 38.25% urban and is bordered by Kannur district to the North, Wayanad to the East, and Malappuram to the South. To the West, lies the Arabian Sea. The district is situated between latitudes 11° 08′N and 11° 50′N and longitudes 75°30′E and 76°8′E.

It has an elevation of 1 metre along the coast with the city's eastern edges rising to at least 15 metres, with a sandy coastal belt and a lateritic midland. The district has a 80 km long shoreline and small hills dot the terrain in the eastern and central regions.

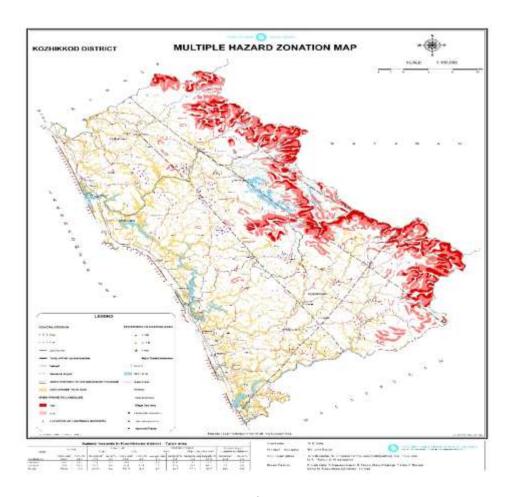
The sites selected for construction of Multipurpose Cyclone shelters in Kozhikode District are at Thikkodi Village and Kasaba village.

Profile of Kozhikode	
Headquarters	Kozhikode
Total Population	30,89,543
Male	14,73,028
Female	16,16,515
Population Growth	7.31%
Density/Km2	1318
Number of Taluks	4
Number of Villages	118
Number of Panchayath Wards	75
Forest Area	41386 Km2
Average Rainfall	3,200mm
Temperature	Min: 22°C
remperature	Max:39.4°C
Number of major rivers	6
Major Soil	Sandy soil and Laterite soil

Vulnerability Assessment of the District

The banks of major rivers such as Mahe River, Murad (Kuttiady) river, Chaliyam River, Kallai River are prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in	Flo	od	Coastal Erosion		Storm surge/			
the district			Low High		Tsunami ir	nundation		
district			With sea wall					
	Area	Area	Length	Length	Length	Length %	Area	Area %
	km2	%	Km	%	Km		km2	
Kozhikode	133.5	12.9	2.4	8.2	11.2	37.8	10.5	1.0
Quilandy	86.6	11.7	4.4	13.9	13.5	42.9	6.3	0.9
Vadakkara	67.8	11.8	1.7	10.4	10.7	67.0	2.1	0.4



Source: National Centre for Earth Science Studies

2. MPCS AT THIKKODI VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/KZK/QUI/THIKKODI-2	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	kozhikode	
Taluk	Quilandy	
Village	Thikkodi	
Panchayath/Municipal Corporation	Thikkodi Gramapanchayath	
Survey Number	Survey number: 82/4C2	
Latitude	11° 30′ 14.6″N	
Longitude	75° 37′ 34.9″E	
Mean Sea Level	13 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	12000 SQ.M	
Land requirement for the sub project (in Ha or	m²)	
Total Requirement		
g. Private Land	Nil	
h. Government Land	700 SQ.M	
i. Forest Land	Nil	
Existing Land use	Barren land, part of School ground	
Approach roads		
Road name	The site is accessible from National highway	
Existing road	-	
Proposed road	No approach road proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	

Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	Railway line is 300m
meters from railway line?		from the site.
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (1.5 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 700 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required			
CRZ clearance	Not applicable		
Environmental clearance	Not applicable		
Forest clearance	Not applicable		

PART D: Social Screening

PART D1: Identification of potential social concerns

3. Does the proposed sub-project activity require a	Remarks if any	
Private Land	No	

Government Land	Yes	700 SQ.M of land in Ownership of Education department
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The site is a barren land to the rear side of the playground of G.V.H.S.S, Payyoli with direct access from a side road that is 100m away from National Highway.

The site is located at a distance of 1.5 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The MPCS could be used for school activities as well as Community hall. The District Administration has reported that a vulnerable population that figures to 800 from the locality may have to be accommodated in the shelter during an event of emergency.

Approach roads

The site is accessible from National highway. Upgradation of existing road is not proposed.

Demography of Thikkodi Village

According to 2011 Census, the village has 6201 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	27,051
Male	12,334
Female	14,717
In the age group 0-6 years	3,119
Scheduled Castes (SC)	1,416
Scheduled Tribes (ST)	27
Literates	22,410
Illiterate	4,641
Worker	6,749
Non Worker	20,302

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Thikkodi MPCS is only 1200 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Thikkodi MPCS is 1.5 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Thikkodi MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



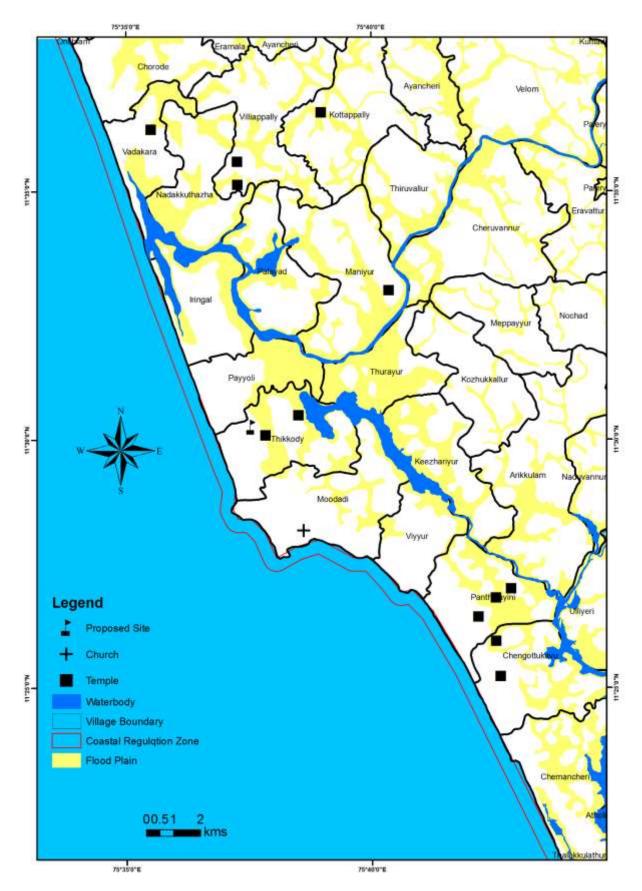
3. View from approach road



2. View of the site



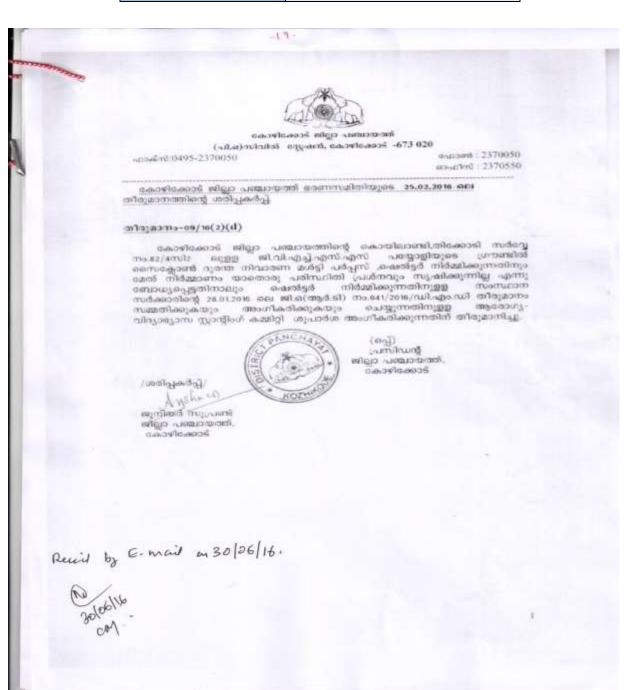
4. View of the site



GIS map of MPCS at Thikkodi Village

PART C: PANCHAYATH RESOLUTION

District	Kozhikode
Village	Thikkodi
Panchayath	Thikkodi Gramapanchayath
Place	Thikkodi
Date	20.04.2016



Summary of the Panchayath meeting decision:

- Kozhikode District panchayath discussed on decision taken in Government Order: G.O
 (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone
 Shelter in the compound of G.V.H.S.S Payyoli, Survey no: 82/4C2 of Thikkodi Village.
- 6. The Panchayath sees no environmental or social impacts in constructing the MPCS at the site.
- 7. The Panchayath in its resolution no: 9/16(2) (d) agreed and accepted the decision to construct MPCS in the site.

2. MPCS AT KASABA VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-project			
Sub Project id NCRMP/KER/KZK/KOZ/KASABA-1			
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kozhikode		
Taluk	Kozhikode		
Village	Kasaba		
Panchayath/Municipal Corporation	Kozhikode Corporation		
Survey Number	Survey number: T.S 17-17-737/3		
Latitude	11° 15′ 13″ N		
Longitude	75° 47′ 27.8″ E		
Mean Sea Level	68m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1200 SQ.M		
Land requirement for the sub project (in Ha	or m ²)		
Total Requirement			
j. Private Land	Nil		
k. Government Land	700 SQ.M		
l. Forest Land	Nil		
Existing Land use	Dilapidated buildings in the site		
Approach roads			
	Bye pass road. An untarred road of 6m		
Road name	ROW connects the site to nearby main		
	road.		
Existing road	ROW: 6m		
Proposed road	No approach road proposed		
Boundary wall requirement	No		

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	

Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	The site is 1.3 km
meters from railway line?		from railway
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (2 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is only 1200 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?	Remarks if any

Private Land	No	
Government Land	Yes	Approximately 700 SQ.M of land under ownership of Revenue Department.
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	Yes 2 (Two)	Two dilapidated Disaster Shelters exists in the site which has to be demolished for site clearance.
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-
	Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The site is within the Taluk Office compound of Kozhikode. Two dilapidated disaster shelters has to be demolished to facilitate new construction. A dilapidated survey school building exist in close proximity to the dilapidated buildings. The dilapidated buildings are being used as store houses for obsolete election materials which has to be disposed of by the Revenue authorities. Branches of some trees has to be cut to facilitate construction.

The site is located at a distance of 2 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The MPCS could be used for various purposes of the District Administration as well as training for Survey staff. The District Administration has reported that a vulnerable population that figures to 2800 from the locality may have to be accommodated in the shelter during an even of emergency.

Approach roads

An untarred road of 6m ROW connects the site to nearby main road. Upgradation of existing approach road is not proposed.

Demography of Kasaba Village

According to 2011 Census, the village has 2468 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table[Source: Census, 2011]

Population	Persons
Total	10,717
Male	5,283
Female	5,434

In the age group 0-6 years	944
Scheduled Castes (SC)	691
Scheduled Tribes (ST)	22
Literates	9,557
Illiterate	1,160
Worker	3,516
Non Worker	7,201

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Kasaba MPCS is only 700 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Kasaba MPCS is 2 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kasaba MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.





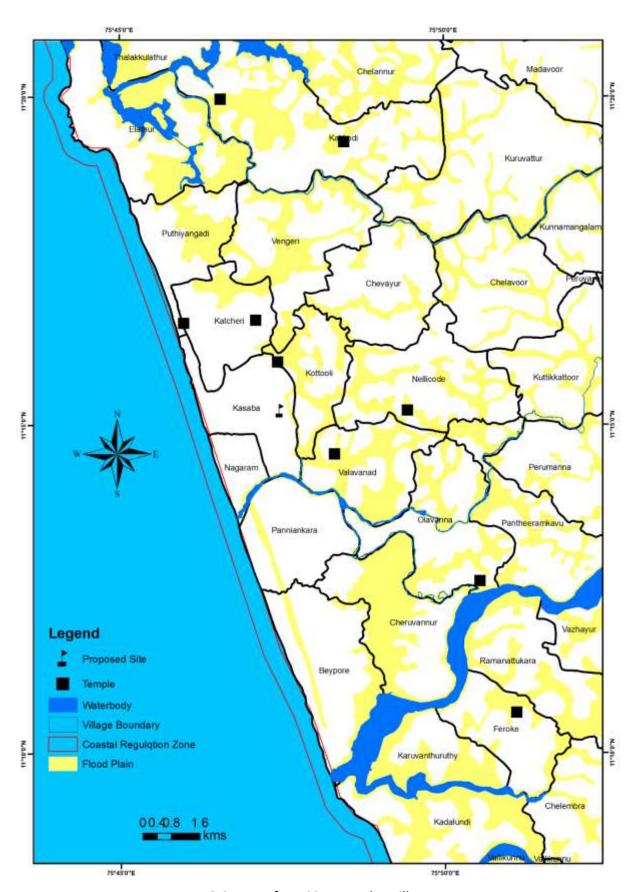
1.and 2. Aerial view of the site



3. Dilapidated shelters in the site



4. View of pproch road (Dilapidated shelter seen to the left side)



GIS map of MPCS at Kasaba Village

PART C: PANCHAYATH RESOLUTION

District	Kozhikode
Village	Kasaba
Panchayath	Kozhikode Corporation
Place	Kasaba
Date	

Summary of the Panchayath meeting decision:

5. District: Malappuram

Malappuram District

The district, in northern Kerala, is bounded on the northeast by Wayanad, on northwest by Kozhikkode districts, on the northeast by Tamil Nadu, on the southeast and south by Palakkad District, on the southwest by Thrissur District and on the west by the Arabian Sea with coastline of 70 kms. Streams are linked with backwaters which facilitate a network of inland waterways in the district. The midland region is fertile while the hilly tract has dense forests and extensive teak plantations. The coastal plain extend as a narrow stretch of land lying along the coast from Kadalundi Nagaram to Ponnani.

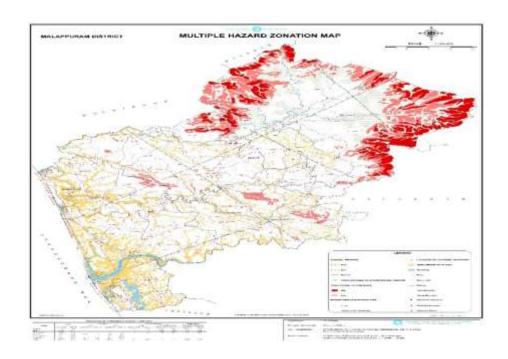
The sites selected for construction of Multipurpose Cyclone shelters in Malappuram District are at Vettom Village and Perumpadappu village.

Profile of Malappuram	
Headquarters	Malappuram
Total Population	41,12,920
Male	19,60,328
Female	21,52,592
Population Growth	13.39%
Density/Km2	1157
Number of Taluks	7
Number of Villages	138
Number of Panchayath Wards	100
Forest Area	1034.7 Km2
Average Rainfall	3,500mm
Temperature	Min: 24°C
remperature	Max:33°C
Number of major rivers	4
Major Soil	Sandy soil, laterite soil

Vulnerability Assessment of the District

The banks of major rivers Chaliyar, Kadalundi, Purapparamba, Tirur and Bharathapuzha prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in the	Flo	od	Coastal Erosion			Storm surge/		
district			Low		High		Tsunami inundation	
					With sea wa	li		
	Area km2	Area %	Length Km	Length %	Length Km	Length %	Area km2	Area %
Ponnani	80.1	40.2	5.2	43.5	4.3	36.1	7.5	3.8
Tirur	109.6	24.4	-	-	1.0	4.0	10.3	2.3
Tirurangadi	78.7	24.1	1.2	9.7	10.0	80.9	2.9	0.9
Eranad	100.7	14.4	-	-	-	-	-	-
Perinthalmanna	81.2	16.1	-	-	-	-	-	-
Nilambur	151.3	11.0	-	-	-	-	-	-



Source: National Centre for Earth Science Studies

3. MPCS AT VETTTOM VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/MPM/TIR/VETTOM-1
Type of proposed sub-project activity	MPCS
Location of the sub project activity	
State	Kerala
District	Malappuram
Taluk	Tirur
Village	Vettom
Panchayath/Municipal Corporation	Vettom Gramapanchayath
Survey Number	Survey number: 23/6
Latitude	10° 54' 1.6"N
Longitude	75° 53' 32.4"E
Mean Sea Level	12 m
Size of the sub-project	
Cyclone Shelter – approx. built up area	1200 SQ.M
Land requirement for the sub project (in Ha o	r m²)
Total Requirement	
j. Private Land	Nil
k. Government Land	600 SQ.M
l. Forest Land	Nil
Existing Land use	Barren land, School ground
Approach roads	
Road name	Tippu Sulthan Road
Existing road	12m ROW
Proposed road	No approach road proposed
Boundary wall requirement	No

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of t environmentally sensitive area?	Remarks if any	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	

Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	-	The site is located
meters from flood plain or modified flood plain or		150m to the west of
by flood control systems of a riverine system?		Kanoli canal
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (600 m
the Coastal Regulation Zone?		from HTL) and 150m
		from Kanoli canal

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is on	
Not applicable as the construction area is on	N GOO CO NA
INDL ADDIICADIE AS LIIE CUIISLI UCLIUII ALEA IS UII	IV 000 3Q.IVI.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance	Not applicable	
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

4. Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	

Government Land	Yes	600 SQ.M of land in Ownership of Education department
Forest Land	No	асрагиненс
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social feature

The proposed site is within the premises of Government Mappila Upper Primary School, Pavaranna which extends to 2.5 acres of land. The school was earlier used as relief camps during events of heavy rain and floods. The MPCS could be used for school activities during peace time. The school has student strength of 978 students with possibility of upgradation to High school. An Anganwadi functions near to the site. A tree is located in the site, construction has to be planned in such as to avoid felling the tree. The site is in close proximity to vulnerable population. The site is accessible from the nearby main road and has access to all basic amenities such as water and power supply.

The site is located at a distance of 2 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list]. The site is located 150m to the west of Kanoli canal.

Approach roads

The site is accessible from Tippu Sulthan road which is 12m in ROW. Upgradation of existing approach road is not proposed.

Demography of Vettom Village

According to 2011 Census, the village has 6577 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	37,456
Male	17,401

Female	20,055
In the age group 0-6 years	5,081
Scheduled Castes (SC)	1,367
Scheduled Tribes (ST)	57
Literates	29,816
Illiterate	7,640
Worker	9,421
Non Worker	28,035

Legal Clearances

Environmental Clearance

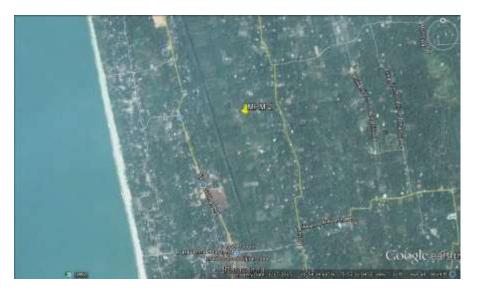
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Vettom MPCS is only 1200 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Vettom MPCS is 2 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Vettom MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



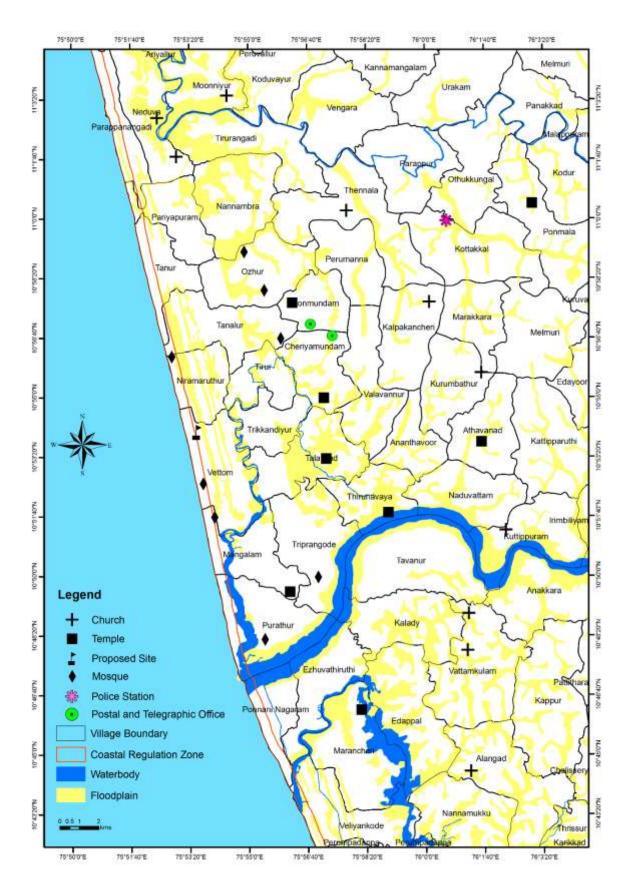
3. Tree located in the site



2. View of the site



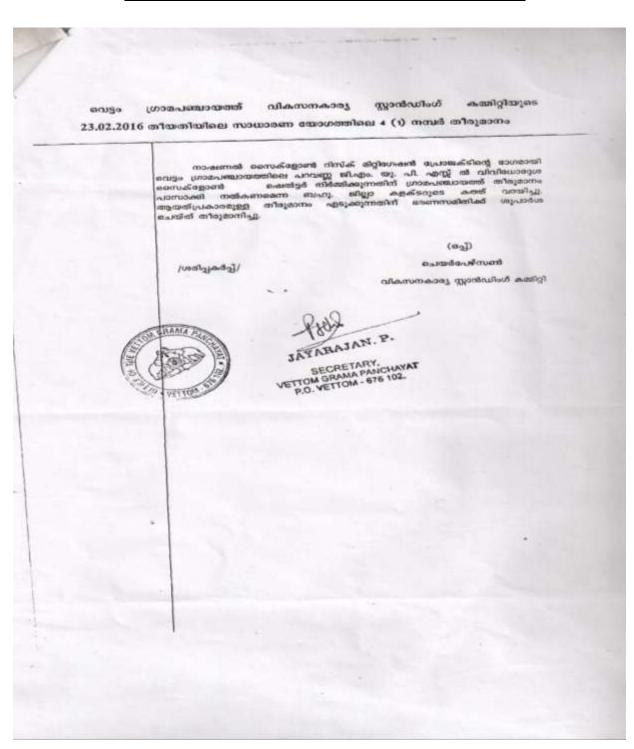
4. School premises and school ground



GIS map of MPCS at Vettom Village

PART C: PANCHAYATH RESOLUTION

District	Malappuram
Village	Vettom
Panchayath	Vettom Gramapanchayath
Place	Vettom
Date	20.04.2016



വെട്ടം ഗ്രാമപഞ്ചായത്ത്

27. 02. 2016 തീയതിയിലെ സാധാരണ യോഗത്തിലെ

III (2) നമ്പർ തീരുമാനം

23.02.2016 തീയതിയിലെ വികസനകാര്യ സ്റ്റാൻഡിംഗ് കമ്മിറ്റിയുടെ 4 (1) നമ്പർ തീരുമാനം വായിച്ചു. ശുപാർശ പ്രകാരം താഴെ ചേർക്കും പ്രകാരമുള്ള തീരുമാനം കൈക്കൊണ്ടു.

'Vettom Grama Panchayat agrees and accepts the decision of the state government vide GO(RT) No. 641/2016/DMD dated 28.01.2016 to construct a multipurpose cyclone shelter at GMUP School Pravanna, Vettom Village. Vettom Grama Panchayat does not see any environmental and social consequences in constructing the MPCS at the proposed site."



//ശരിപ്പകർപ്പ്//

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การเการ์

JAYARAJAN. P.
SECRETARY.
VETTOM GRAMA PANCHAYAT
P.O. VETTOM. 8T6 102.

Summary of the Panchayath meeting decision:

- Vettom Gramapanchayath discussed on decision taken in Government Order: G.O
 (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone
 Shelter in the compound of G.M.U.P.S, Paravanna of Vettom Village as informed from District Administration
- 9. Vettom Gramapanchayath in its resolution no III (2) dated 27.02.106 considered the decision taken in the Works Standing committee meeting held on 23.02.2016 and has agreed and accepted the decisions of the state Government vide G.O (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone Shelter in the compound of G.M.U.P.S, Paravanna of Vettom Village.
- 10. Vettom Gramapanchayath does not see any adverse environmental or social consequences in constructing the MPCS at the site.

2. MPCS AT PERUMPADAPPU VILLAGE

PART A: ESMF CHECKLIST

Sub Project id	NCRMPR/KERMINN/HON/PERUMBADAPPU-1
Jype of proposed sub-project activity	MARES
Location of the sub project activity	33
State	k Kerala
<u> Pistrict</u>	Malapperdm
Jaluk	Polinami
·Milage	Perumbadannu
Panchayath/Municipal Corporation	Perumpadappu Perumpadappu Perumpadappu Gramapanchayath Perumpadappu Gramapanchayath
urvey Number	\$urvey number: 108/7
Survey Number	Survey number: 108/7 โดยรุงยนามากอยา: 110/1A3A
dagitude	7525-215-28-2"N
Apartude evel	1.75° 6' 1.4"E
ive of the sub-project	49m
ixe of the sub-project Size of the sub-project Size of the sub-project Yelone Shelter — approx. built up area Cyclone Shelter — approx. built up area and requirement for the sub project (in Ha Land requirement for the sub project (in Ha	1000 SQ.M
Cyclone Sheller – approx. built up area and requirement for the sub project (in Ha	or m²)
Land requirement for the sub project (in Ha	a or m²)
Total Requirement	Nil
n.a. GBrivate Land	60UISQ.M
o.b. FGgyerament Land	Nit 300 SQ.M
xisting Land use and	Barren land
Existing Land use	Barren land
Approach roads	National Highway
xistiderand	National Highway Pullur-Pannikunnu road (Haripuram Mengot
ronosed road	No approach road proposed
Existing road coundary wall requirement Proposed road	NROW: 8m
Proposed road	No approach road proposed.

PART B1: List of sites where sub-projects are prohibited

Estuary with mangroves

Is the sub-project located in whole or within any of the following		Remarks if any
environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	Paddy field are found within 1km radius of the site
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	

No

Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (750 m
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is onl	1000.00.11
Not applicable at the construction area is only	7 1000 CO N/I
- NOL ADDICADLE AS THE CONSTRUCTION ALEA IS ON	V 1000 30 1VI
The applicable as the construction area is only	y 1000 5Q.ivii

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required				
CRZ clearance	Not applicable			
Environmental clearance	Not applicable			
Forest clearance	Not applicable			

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any la	Remarks if any		
Private Land	No		
Government Land	Yes	Approximately 600 SQ.M of land under	

Forest Land	No	ownership of Education Department.
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-
	Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The site is within the premises of G.H.S.S, Palappetty of Perumpadappu village and is positioned towards one corner of the school playground. Construction without encroaching the playground has to be ensured. The school has student strength of 900. A toilet building is positioned adjacent to the proposed site. The school was used as relief camp five years back. The MPCS could be used for school related activities. A campus planning has to be done to ensure that the MPCS is oriented in a manner that will not lead to loss of school playground.

The site is located at a distance of 750 m from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. Paddy fields are found within 1 km radius of the site.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

Approach roads

The site is directly accessible from National Highway. Upgradation of existing approach road is not proposed.

Demography of Perumpadappu Village

According to 2011 Census, the village has 5876 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	29,766
Male	13,553
Female	16,213
In the age group 0-6 years	3,937
Scheduled Castes (SC)	321
Scheduled Tribes (ST)	28
Literates	23,858

Illiterate	5,908
Worker	6,709
Non Worker	23,057

Legal Clearances

Environmental Clearance

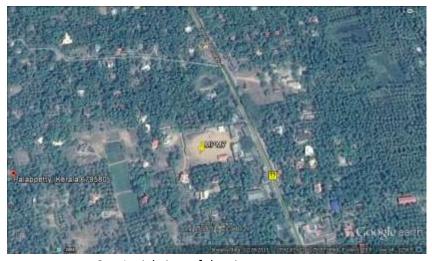
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Perumpadappu MPCS is only 1000 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Perumpadappu MPCS is 700 m from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Perumpadappu MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



3. Aerial view of the site

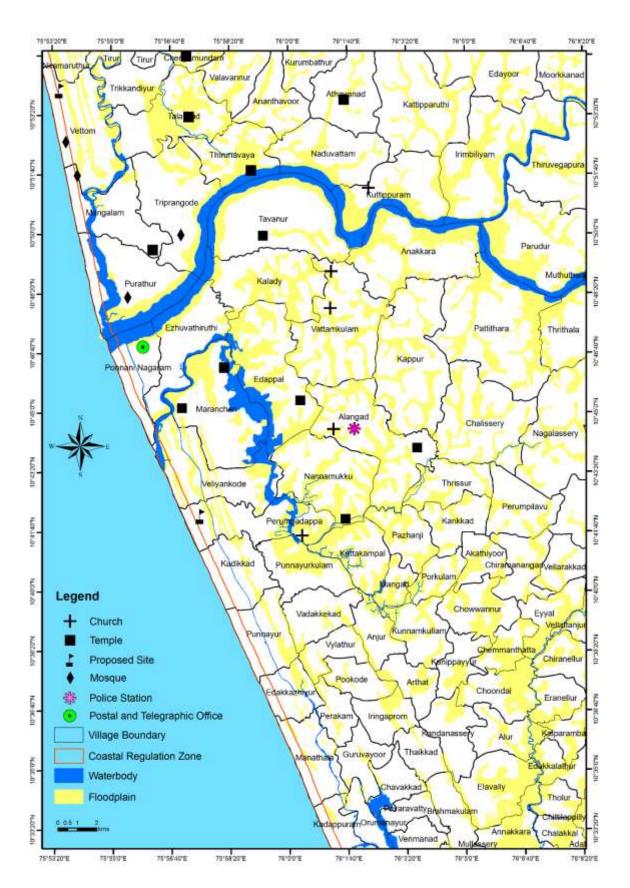




2. View of the site (School building can be seen)



3 and 4.View of the site



GIS map of MPCS at Perumpadappu Village

PART C: PANCHAYATH RESOLUTION

District	Malappuram
Village	Perumpadappu
Panchayath	Perumpadappu Gramapanchayath
Place	Perumpadappu
Date	26.02.2016



Summary of the Panchayath meeting decision:

- Perumpadappu Gramapanchayath discussed on decision taken in Government Order: G.O
 (Rt) no. 641/2016/DMD dated 28.01.2016 for constructing a Multi-Purpose Cyclone

 Shelter in Perumpadappu Village informed through letter no: DM1-26374/2016 (2) dated 15.02.2016.
- 2. The Panchayath in its resolution no. 3(2) dated 26.02.2016 agreed and accepted the decision of the Government to construct a MPCS at Survey no: 108/, GHSS Palapetty of Perumpadappu Village.

6. District: Thrissur

Thrissur District

Thrissur is situated at 10.52°N and 76.21°E and is in the central part of Kerala. The district has a total area of 3032 Sq.Km with 54 kilometer long coastline. It is bounded on the north by Malappuram district, on the east and north by Palakkad district, on the east by Coimbatore district of Tamil Nadu, on the south by Ernakulam district, and on the west by the Arabian Sea.

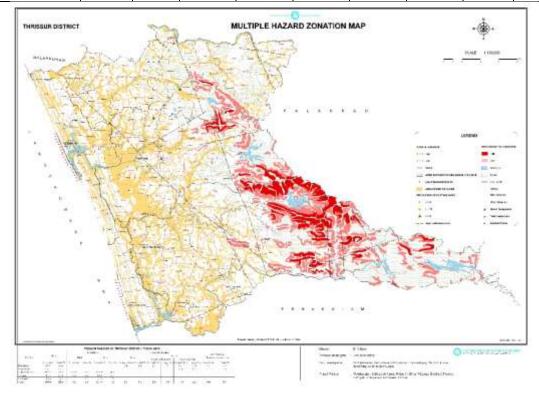
The sites selected for construction of Multipurpose Cyclone shelters in Thrissur District are at Azhikode Village and Kadappuram village.

Profile of Thrissur			
Headquarters	Aiyyanthol		
Total Population	3,121,200		
Male	1,480,763		
Female	1,640,437		
Population Growth	4.58%		
Density/Km2	657		
Number of Taluks	6		
Number of Villages	254		
Number of Panchayath Wards	92		
Forest Area	1036.09 Km2		
Average Rainfall	3,500mm		
Temperature	Min: 25°C		
remperature	Max:32°C		
Number of major rivers	5		
Major Soil	Sandy loam, Laterite soil, Clayey soil, Alluvial soil		

Vulnerability Assessment of the District

The banks of major rivers Periyar, the Chalakudy, the Karuvannur, the Kurumali River (main tributary of the Karuvannur River) and the Ponnani (Bharatha Puzha) and paddy fields are prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in the Flood			Coastal Erosion						Storm	
district			Low High Without seawall		gh		surge/ Tsunami			
					With sea wall		inundation			
	Area	Area	Length	Length	Length	Length	Length	Lengt	Area	Are
	km2	%	Km	%	Km	%	Km	h %	km2	a %
Chavakkad	89.5	36.8	1.0	2.4	2.6	6.3	8.0	19.7	9.0	3.9
Kodungallur	48.1	33.1	-	-	-	-	9.3	45.9	5.1	3.5
Mukundapuram	225.9	17.3	-	-	-	-	-	-	-	-
Thrissur	181.4	27.4	-	-	-	-	-	-	-	-
Thalappally	143.6	21.0	-	-	-	-	-	-	-	-



Source: National Centre for Earth Science Studies

4. MPCS AT AZHIKODE VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/TSR/KOD/AZHIKODE-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Thrissur	
Taluk	Kodungallor	
Village	Azhikode	
Panchayath/Municipal Corporation	Eriyad Gramapanchayath	
Survey Number	Survey number: 298/2	
Latitude	10° 12' 4.7"N	
Longitude	76° 10' 6.1"E	
Mean Sea Level	20 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1800 SQ.M	
Land requirement for the sub project (in Ha or m ²)		
Total Requirement		
m. Private Land	Nil	
n. Government Land	900 SQ.M	
o. Forest Land	Nil	
Existing Land use	Unused land with Trees and shrubs	
Approach roads		
Road name	Azhikode-Chamakkala road	
Existing road	Site is directly accessible from main road	
Proposed road	No approach road proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	

Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km radius of:		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (1.2 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 900 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required			
CRZ clearance	Not applicable		
Environmental clearance	Not applicable		
Forest clearance	Not applicable		

PART D: Social Screening

PART D1: Identification of potential social concerns

5. Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	
Government Land	Yes	900 SQ.M of land in Ownership of Revenue department
Forest Land	No	

2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	A few number of trees has to be cut down to facilitate construction of MPCS.
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Azhikode Village of Kodungalloor Taluk in Thrissur District. The site is entitled to Revenue Department.

The site is located at a distance of 1.2 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is located within the compound of Village Office of Azhikode. The MPCS could be used for conducting trainings activities as well as for holding camps and other village office functions.

Approach roads

The site is directly accessible from Azhikode-Chamakkala road.

Demography of Azhikode Village

According to 2011 Census, the village has 4606 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	19,935
Male	9,535
Female	10,400
In the age group 0-6 years	2,326
Scheduled Castes (SC)	940
Scheduled Tribes (ST)	28
Literates	16,425
Illiterate	3,510
Worker	6,895
Non Worker	13,040

Legal Clearances

Environmental Clearance

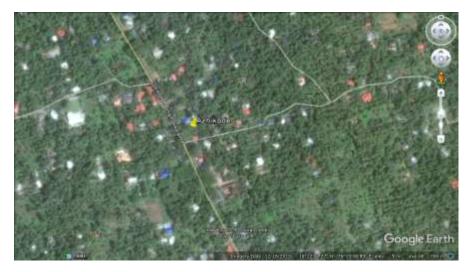
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Azhikode MPCS is only 1800 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Azhikode MPCS is 1.2 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Azhikode MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



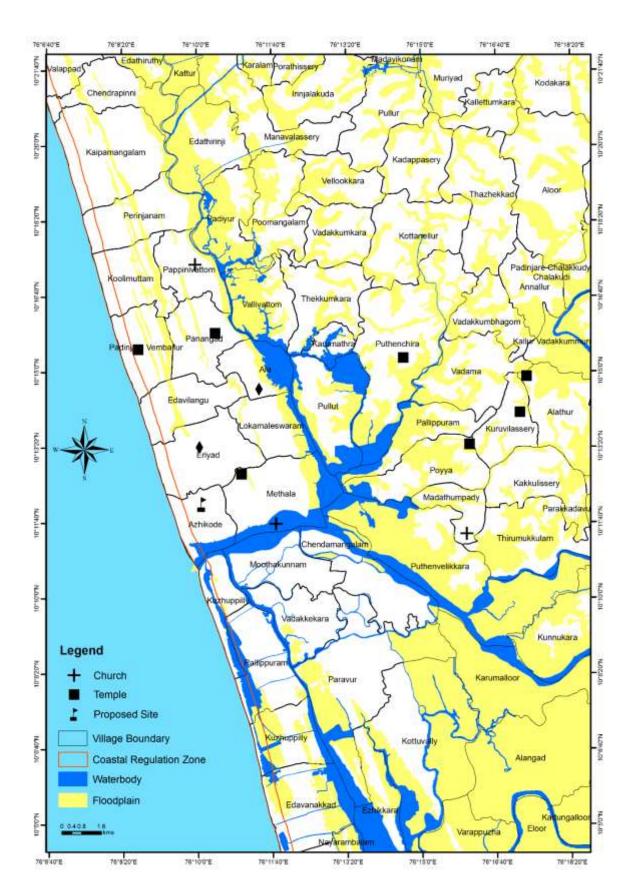
3. Village Office functioning near to the site



2. View of the site



4. Entry to the site



GIS map of MPCS at Azhikode Village

PART C: PANCHAYATH RESOLUTION

District	Thrissur
Village	Azhikode
Panchayath	Eriyad Gramapanchayath
Place	Azhikode
Date	30.03.2016

എറിയാട് ഗ്രാമപഞ്ചായത്ത് 30/03/2016-തിയതി നടന്ന പഞ്ചായത്ത് കമ്മറ്റിയിലെ 4–ാം നമ്പർ തീരുമാനം

നാഷണൽ സൈക്ലോൺ നിസ്ക്ക് മിറ്റിഗേഷൻ പ്രോജക്ടിനായി അഴിക്കോട് വില്ലേജ് സർവ്വെ 298/2 ൽ പെട്ട സ്ഥലത്ത് മൾട്ടിപർപ്പസ് സൈക്ലോൺ ഷെൽട്ടർ നിർമ്മിക്കുന്നതിന് സമ്മതം നൽകണമെന്നത് സംബന്ധിച്ച് ബഹു.തൃശ്ലർ ജില്ലാ കളക്ടർ 08/03/2016 ലെ കൊ-48118/11 -ാം നമ്പർ കത്ത് വായിച്ചു ചർച്ച ചെയ്തു.

പ്രസ്തുത അപേരങ പരിഗണിച്ച് കൊടുങ്ങല്ലൂർ താലുക്കിൽ അഴിക്കോട് വില്ലേജ് സർവ്വെ 398/2 ൽപ്പെട്ട സ്ഥലത്ത്, 2691 ലെ കേരള പഞ്ചായത്ത് തെട്ടിടനിർമ്മാണ ചട്ടങ്ങളുടെ ലാഘനമില്ലാത്തവിധം മൾട്ടി പർപ്പസ് സൈക്ലോൺ ക്ഷോട്ടർ നിർമ്മിക്കുന്നതിന് പഞ്ചായത്തിന് സമ്മതമാണെന്ന വിവരാ ബഹുതൃശ്ശൂർ ജില്ലാ കളക്ടറെ അറിയിക്കുന്നതിന് തീരുമാനിച്ചു.

// ഗ്രതിപകർവ്വ് //

(ഒപ്പ്) പ്രസിഡന്റ്





Summary of the Panchayath meeting decision:

- 11. Eriyad Gramapanchayath discussed on the letter from District Administration intimating on decision taken in Government Order: G.O (Rt) no. 641/2016/DMD dated 28.01.2016 to construct a Multi-Purpose Cyclone Shelter in the compound of Azhikode Village Office, Azhikode Village.
- 12. The Panchayath has considered the matter and agreed to construct MPCS in Azhikode Village of Kodungalloor Taluk and further states that the construction should abide to the Kerala Panchayath Building Rules 2011.

2. MPCS AT KADAPPURAM VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project		
Sub Project id	NCRMP/KER/KSD/ CHVD/KADAPPURAM-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Thrissur	
Taluk	Chavakkad	
Village	Kadappuram	
Panchayath/Municipal Corporation	Kadappuram Gramapanchayath	
Survey Number	Survey number: 101/4B	
Latitude	10° 32' 21.6″N	
Longitude	76° 1' 41.3"E	
Mean Sea Level	20 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	900 S.M	
Land requirement for the sub project (in Ha or	m²)	
Total Requirement		
p. Private Land	Nil	
q. Government Land	500 SQ.M	
r. Forest Land	Nil	
Existing Land use	Dilapidated building	
Approach roads		
Road name	Anjagadi road	
Existing road	Sit is directly accessible from the road	
Proposed road	No approach road proposed.	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of the following environmentally sensitive area?		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	

Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	The site is 500 m
between the HTL and the LTL?		from coastline
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	A water tank/pump
		room is located near
		to the site

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (500m
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 900 SQ.M.

PART C3: Environmental screening – outcome Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

1.Does the proposed sub-project activity require any land?	Remarks if any

Private Land	No	
Government Land	Yes	Approximately 500 SQ.M of land under ownership of Revenue Department.
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	Numerous tree in the site has to be cut down to facilitate construction
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State	
	Project Implementation Unit, NCRMP-	
	Kerala	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Kadappuram Village of Chavakkad taluk in Thrissur District. The site is entitled to Revenue Department.

The site is located at a distance of 500 m from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The site is within the Kadappuram village office compound. Apart from Village office that functions in the site, Panchayath water tank /pump room and an old building dilapidated building is situated within the compound. The entrance to the site is very narrow and is of approximate width of 2 meters for a distance of 3 meters. Provision for a new entry to the site is currently not available. A water tank within the possession of Panchayath is adjacent to the proposed site. A Panchayath office also functions near the water tank. Numerous trees will have to be cut down to facilitate construction.

Approach roads

The site is directly accessible from Anjangadi road. Upgradation of exisitig road I not proposed.

Demography of Kadappuram Village

According to 2011 Census, the village has 4624 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	22,938
Male	10,522
Female	12,416
In the age group 0-6 years	2,975
Scheduled Castes (SC)	155

Scheduled Tribes (ST)	1224
Literates	12,232
Illiterate	3,333
Worker	6,406
Non Worker	9,159

Legal Clearances

Environmental Clearance

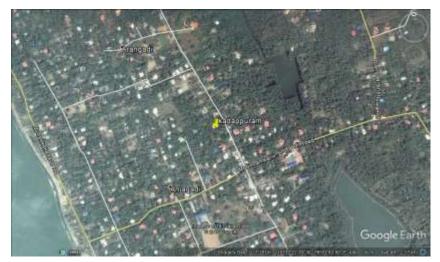
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Azhikode MPCS is only 900 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Azhikode MPCS is 500 m from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Azhikode MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



4. Aerial view of the site



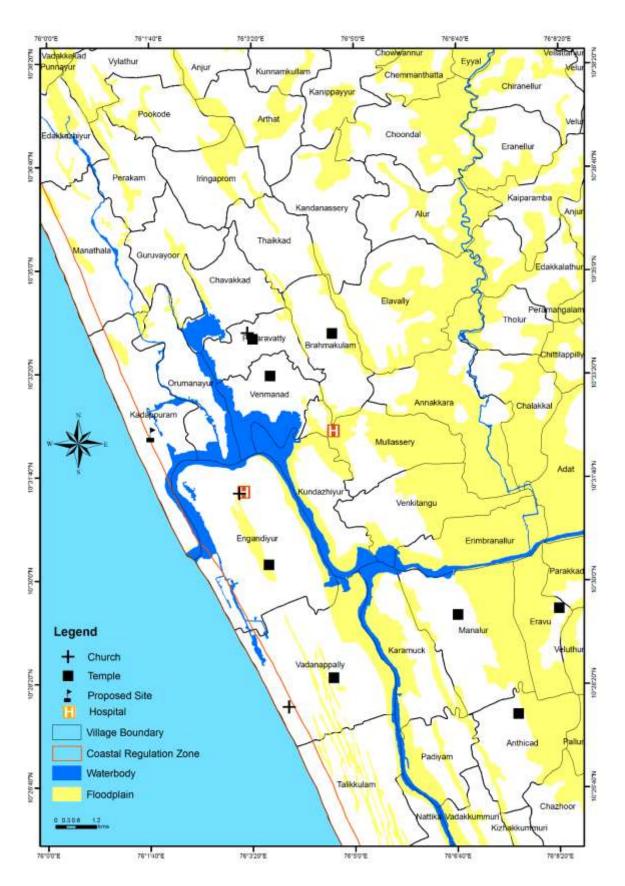
3. View of the site



2. Dilapidated building in the site (Water tank/pump house can be seen)



4. Entry to the site



GIS map of MPCS at Kadappuram Village

PART C: PANCHAYATH RESOLUTION

District	Thrissur
Village	Kadappuram
Panchayath	Kadappuram Gramapanchayath
Place	Kadappuram
Date	01.08.2016



കടപ്പുറം ഗ്രാമപഞ്ചായത്ത് ആഫീസ് അഞ്ചങ്ങാടി , പി ഒ കടപ്പുറം , പിൻകോഡ്-680514, തൃശ്ശൂർ ജില്ല . ഫോൺ:0487-2530028

കടപ്പൂറം ഗ്രാമപഞ്ചായത്ത് കമ്മിറ്റിയുടെ 1/8/2016 തീയതിയിലെ 4(20) നമ്പർ തീരുമാനത്തിന്റെ ശരിപകർപ്പ്.

ദുരന്ത നിവാരണം-National Cyclone Risk Mitigation Project നായി കടപ്പുറം ഗ്രാമപഞ്ചായത്തിൽ Multi Purpose Cyclone Shelter നിർമ്മിക്കുന്നതിന് സമ്മതം അറിയിക്കുന്നതുമായി ബന്ധപ്പെട്ട 16/7/2016 ലെ K1-48118/11 –ാം നമ്പറായുള്ള ബഹു.ജില്ലാ കളക്ടറുടെ കത്ത് ചർച്ച ചെയ്തു.ആയതിന് പഞ്ചായത്തിന് സമ്മതമാണെന്ന വിവരം അറിയിക്കുന്നതിന് തീരുമാനിച്ചു

> (ഒപ്പ്) പ്രസിഡന്റ്

//ശരി പകർപ്പ്//

SECRETARY

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Summary of the Panchayath meeting decision:

- Kadappuram Gramapanchayath discussed on the letter from District Administration intimating on decision taken in Government Order: G.O (Rt) no. 641/2016/DMD dated 16.07.2016 to construct a Multi-Purpose Cyclone Shelter in the compound of Kadappuram Village Office, Kadappuram Village.
- 2. The Panchayath in its resolution no 4(20) dated 01.08.2016 had accepted and agreed on the decision to construct MPCS in Kadappuram Village of Chavakkad Taluk.

7. District: Ernakulam

Ernakulam District

Ernakulam district covers an area of 3,068 km² located on the Western Coastal Plains of India. It is surrounded by Thrissur District to the north, Coimbatore District of Tamil Nadu to the north-east, Idukki District to the east, Alappuzha and Kottayam districts to the south and Lakshadweep sea to west. The district can be divided geographically into highland, midland and coastal area. The altitude of the highland is about 300 m. It has an average elevation of 4 m and a coast line of 46 kms.

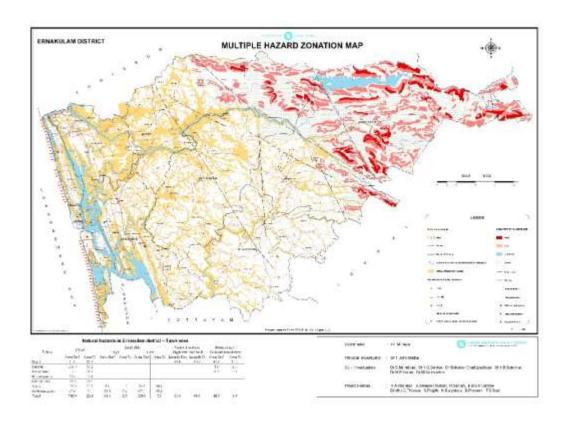
The sites selected for construction of Multipurpose Cyclone shelters in Ernakulam District are at Pallipuram Village, Kumbalanghi village and Moothakunnam village of Ernakulam District. Sites at Puthenvelikara village and Njarakkal village were considered for the project but due to public disapproval alternate sites were considered.

Profile of Ernakulam			
Headquarters	Kakkanad		
Total Population	32,82,388		
Male	16,19,557		
Female	16,62,831		
Population Growth	5.6%		
Density/Km2	1072		
Number of Taluks	7		
Number of Villages	117		
Number of Panchayath Wards	88		
Forest Area	823.8302 Km2		
Average Rainfall	3,000mm		
Temperature	Min: 27°C		
remperature	Max:32°C		
Number of major rivers	2		
Major Soil	Laterite soil Sandy loam alluvial soil		

Vulnerability Assessment of the District

The banks of Periyar river and reclaimed/paddy fields of Chellanam, Puduvypin and Njarakkal, Banks of Kochi Kayal are prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in the district	Flood		Coastal Erosion High With sea wall		Storm surginundation	
	Area km2	Area %	Length Km	Length %	Area km2	Area %
Kochi	51.8	35.8	33.4	69.0	45.1	31.1
Paravoor	108.0	56.2			4.1	2.1
Kanayannur	117.2	36.8			8.9	2.8
Muvattupuzha	79.6	18.2				
Kunnathunad	155.3	33.0				



Source: National Centre for Earth Science Studies

5. MPCS AT PALLIPURAM VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-p	roject		
Sub Project id	NCRMP/KER/EKM/KOC/PALLIPURAM-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Ernakulam		
Taluk	Kochi		
Village	Pallippuram		
Panchayath/Municipal Corporation	Pallipuram Panchaya	ath	
Survey Number	Block:2, Survey num	ber: 196/5	
Latitude	10° 09' 45.1' N		
Longitude	76° 11' 13.5"E		
Size of the sub-project			
Cyclone Shelter – approx. built up area	600 SQ.M		
Land requirement for the sub project (in Ha	or m²)		
Total Requirement			
p. Private Land	Nil		
q. Government Land	600 SQ.M of land ur Revenue	600 SQ.M of land under the ownership of	
r. Forest Land	Nil		
Existing Land use	Barren land used as playground.		
Approach roads		1 10 11	
Road name	Pallipuram Village of	ffice road	
Existing road	Length: 200m ROW:		
Proposed road	Unpaved road		
Boundary wall requirement	Yes		
Part B: Ascertaining whether the site is a pro	hibited site		
PART B1: List of sites where sub-projects are			
Is the sub-project located in whole or within	any of the following	Daniel alfan	
environmentally sensitive area?		Remarks if any	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		

Swamps/mudflats	No		
Notified sensitive eco zone	No		
Is the sub-project located in whole or in part	No		
between the HTL and the LTL?			
Is the sub-project located in whole or in part	No		
200 metres from an estuary boundary?			
Is the sub-project located in whole or in part	No		
500 meters from flood plain or modified flood			
plain or by flood control systems of a riverine			
system?			
Is the sub-project located in whole or in part	No		
500 meters from railway line?			
Is the sub-project located in whole or in part	No		
within 100 meters from the protected limits of			
notified archaeological sites or monuments?			
Is the sub-project located in whole or in			
within 1km radius of:			
Historic places that are regionally or locally	No		
important			
Reservoirs/Dams	No		
Religious Places	No		
Public water bodies	Yes	A pond exists near	
		adjacent to the site	
PART C1: Proximity to Coastal Regulatory Zone		S'1- 1- 100 1	
Is the sub-project located in whole or part	No	Site is 180m from	
within the Coastal Regulation Zone?		Waterbody and 1	
DART C2. Brayimity to Environmentally Consit	ive execu	km from coastline	
PART C2: Proximity to Environmentally Sensiti			
Not applicable as the construction area is less t			
PART C3: Environmental screening – outcome			
Screening outcome Based on the updating of the screening results	the following clearan	scoc are required	
CRZ clearance	·	plicable	
	•		
Environmental clearance	•	plicable	
Forest clearance	Not ap	plicable	
PART D: Social Screening			
PART D1: Identification of potential social concerns		Remarks if any	
1. Does the proposed sub-project activity require any land?			
Private Land	No		
Government Land	Yes	Approximately 600	
		SQ.M of land under	
		ownership of	
		Revenue	
		Department.	
L. C.		·	

Forest Land	No	
2. Does the proposed sub-project activity	No	
result in demolition/removal of existing		
structures?		
Number of public structures/buildings	No	
Number of common property resources	Yes	A pond exists near
(such as religious/cultural/ drinking		adjacent to the site.
water/wells/etc)		A temple is located
		near to the site
Number of private structures	No	
(located on private or public land)		
Part D (2): Result/Outcome of Social Screening	ng Exercise	
Outcome		
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State	
	Project Implementation Unit	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed site is located near to the Village office of Pallipuram and is currently used as play ground. A pond exists within close proximity to the site. The MPCS could be used for various purposes of the District Administration and Panchayath activities. The District Administration has reported that a vulnerable population that figures to 2500 exists in the locality. Schools and Auditoriums are used as shelters in the village during floods or heavy rains.

The site is located at a distance of 1 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

Approach roads

The site is connected to Village office road via untarred Panchayath roads. The upgradation of approach road is considered in the project.

Demography of Pallipuram Village

According to 2011 Census, the village has 8056 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	32,321
Male	15,866
Female	16,455
In the age group 0-6 years	2,581
Scheduled Castes (SC)	3,331
Scheduled Tribes (ST)	87
Literates	28,802

Illiterate	3,519
Worker	12,073
Non Worker	20,248

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Pallipuram MPCS is only 1800 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Pallipuram MPCS is 1 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Pallipuram MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



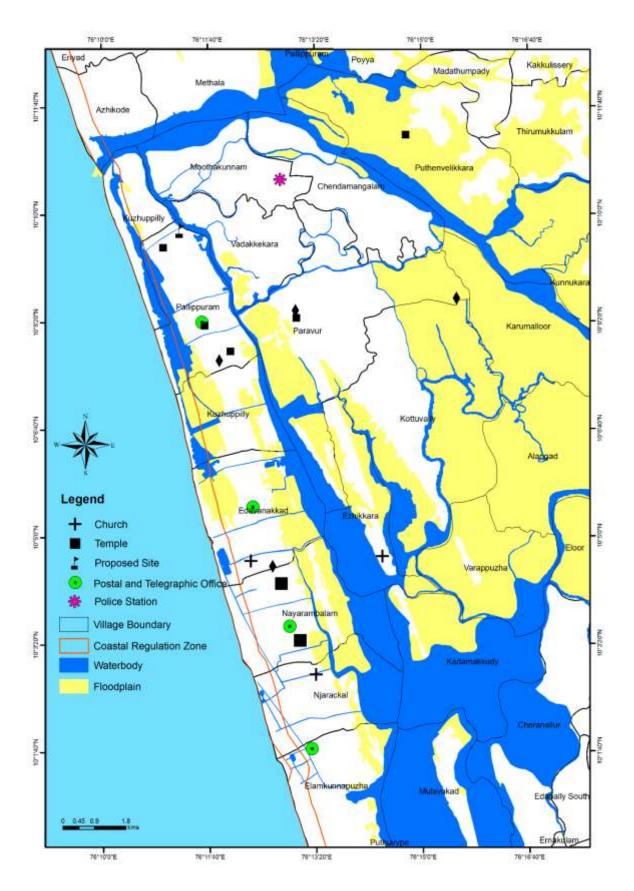
3. View of the site (Village office compound wall seen to left)



2. View of the site



4. Pond near to the site



GIS map of MPCS at Pallipuram Village

PART C: PANCHAYATH RESOLUTION

District	Ernakulam
Village	Pallipuram
Panchayath	Pallipuram Gramapanchayath
Place	Kumbla
Date	14.03.2016

Pallippuram Grama Panchayat Committee's

Resolution No V Dated: 14.03.2016

Pallippuram Grama Panchayat agrees and accepts the decision of the State Government vide GO(Rt) No 641/2016/DMD dated 28th January to construct a multipurpose cyclone shelter at Revenue land near village Office of Pallippuram, Survey Number 196/5. Pallippuram Grama Panchayat does not see any environmental and social consequences in constructing the MPCS at the proposed site.

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(Signed) President

Pallipuram Grama Panchayat Cherai P.O. - 683514 Ph.: 0484-2483135, Mob: 9495045775



Summary of the Panchayath meeting decision:

- The meeting presided over by President, Pallipuram Panchayath, started at 11.00 am.
 The following officers were present.
- President, Pallipuram Panchayath
- Vice President, Pallipuram Panchayath
- Secreatary, Pallipuram Panchayath
- Village Officer, Pallipuram
- Ward Members
- Local Community Mobiliser, NCRMP-Phase II
- The President, Pallipuram Panchayath welcomed all the officers to the meeting.
 Mrs.Susmy Sunny,Local Community Mobiliser, NCRMP-Phase II, briefed about the
 project. The following points were discussed in the meeting regarding the Cyclone shelter
 construction under NCRMP-Phase-II.
- Secretary presented the agenda of the meeting.
- > Junior Superintendent, Kochi Taluk briefed about the project and related matters.
- ➤ Ward member discussed the issues regarding approach road to the proposed cyclone shelter site in Pallipuram Panchayath.
- Local community Mobiliser clarified about the issue. The construction of approach road is also included in the NCRMP project.
- Pallipuram Grama Panchayath in its resolution noV dated 14.03.2016 agreed and accepted the decision to construct a multipurpose cyclone shelter at Revenue land near village office of Pallipuram.
- 4. The Panchayath does not see any adverse environmental and social issues related to construction of MPCS

3. MPCS AT MOOTHAKUNNAM VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-	oroject	
Sub Project id	-	KER/EKM/PAR/
		AKUNNAM-1
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Ernakula	m
Taluk	Paravur	
Village	Moothak	unnam
Panchayath/Municipal Corporation	Vadakkel	kara
ranchayath/widhicipal corporation	Panchaya	ath
	Survey n	umber
Survey Number	252/3A,E	3, 252/2-3,
	252/1-2	
Latitude	10° 10′ 2	2.2"N
Longitude	76° 12′ 4	3.4"E
Size of the sub-project		
Cyclone Shelter – approx. built up area	900 SQ.N	Л
Land requirement for the sub project (in Ha	or m ²)	
Total Requirement		
a. Private Land	Nil	
	500 SQ.N	√ of land in
b. Government Land	the owne	ership of
	Educatio	n Department
c. Forest Land	Nil	
Frieting Land	Trees and	d shrubs are
Existing Land use	present i	n the site
Approach roads		
Road name		the LHS of
Road Harrie	National	Highway
Existing road	-	
Proposed road		oach roads d
Boundary wall requirement		
Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited		
Is the sub-project located in whole or within any of the Remarks if any		
following environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
INALIUIIAI FAIK	INU	

Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone		
	No	
Is the sub-project located in whole or in	No	
part between the HTL and the LTL?	A.	
Is the sub-project located in whole or in	No	
part 200 metres from an estuary		
boundary?		
Is the sub-project located in whole or in	No	The site is 230-320m
part 500 meters from flood plain or		from the river body
modified flood plain or by flood control		
systems of a riverine system?		
Is the sub-project located in whole or in	No	
part 500 meters from railway line?		
Is the sub-project located in whole or in	No	
part within 100 meters from the protected		
limits of notified archaeological sites or		
monuments?		
Is the sub-project located in whole or in wi	thin 1km radius of:	
Historic places that are regionally or	No	
locally important		
Reservoirs/Dams	No	
Religious Places	Yes	Site shares boundary
		wall with
		Thuruthipuram church
Public water bodies	No	
PART C: Environmental Screening Forms		-
PART C1: Proximity to Coastal Regulatory 2	Cone:	
Is the sub-project located in whole or part	No	Outside CRZ the site is
within the Coastal Regulation Zone?		230-320 m from the
<u> </u>		river body
PART C2: Proximity to Environmentally Ser	sitive areas:	•
Not applicable as the construction area is le		
PART C3: Environmental screening – outco		
Screening outcome		
Based on the updating of the screening res	ults, the following cla	earances are required
CRZ clearance	Not applicable	
Environmental clearance		: applicable
Forest clearance	Not applicable	
TOTEST CICATATICE	INOU	. applicable

PART D: Social Screening PART D1: Identification of potential social	concerns		
1. Does the proposed sub-project activity		Remarks if any	
Private Land	No		
Govt. Land	Yes	400 SQ.M of land	
		under the ownership	
		of Education	
		Department	
Forest Land	No		
2. Does the proposed sub-project active	-	on/removal of existing	
	uctures?		
Number of public structures/buildings	Nil	Building of Sarva	
		Shiksha Abhiyan	
		Centre functions in	
		the school premises	
		near to the site.	
Number of common property resources			
(such as religious/cultural/ drinking			
water/wells/etc)			
Number of private structures	Nil		
(located on private or public land)			
3. Does the proposed Project activity	No	Several trees in	
result in loss of crops/trees which is not		Government land will	
Government property?		have to be cut down	
		to facilitate	
		construction	
4. Does the proposed Project activity	No		
result in loss of direct livelihood/			
employment?			
5. Does the proposed activity result in	No		
loss of mangrove ecosystem/social forest			
on which near by residents/local			
population are dependent for fuel			
wood/grazing etc.?	Ne		
6. Does the proposed Project activity affect scheduled tribe/ caste	No		
communities?			
Part D (2): Result/Outcome of Social Scree	ning Evereise		
Outcome	iiiig Lacicise		
Social Impact Assessment is required	No		
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State		
S		tion Unit, NCRMP-Kerala	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed site is located within the premises of S.N Government Lower Primary School, Thuruthipuram of Moothakunnam village in Ernakulam district. The site shares boundary with Thuruthipuram Church and another private school.

The site is located 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden and coastline. The site is 230-320m from the river body.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments (under ASI's Central/State list).

Several Trees will have to be cut down to clear the land for construction. A well is located at the farthest end of the site. The MPCS could be used for various purposes of the school and Panchayath activities. The District Administration has reported that a vulnerable population that figures to 4000 exists in the locality. Schools and community halls are used as shelters in the village during floods or heavy rains.

Approach roads

The site is directly accessible from National Highway.

Demography of Moothakunnam Village

According to 2011 Census, the village has 6,963 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	27,458
Male	13,279
Female	14,179
In the age group 0-6 years	2,145
Scheduled Castes (SC)	1,224
Scheduled Tribes (ST)	103
Literates	24,552
Illiterate	2,906
Worker	10,735

Non Worker	16.723
------------	--------

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Moothakunnam MPCS is only 500 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Moothakunnam MPCS is is 230-320 m from the river body and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Moothakunnam MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable. However, clearance from Village Office is required to cut down the trees in the site to facilitate construction.



1.Aerial view of the site



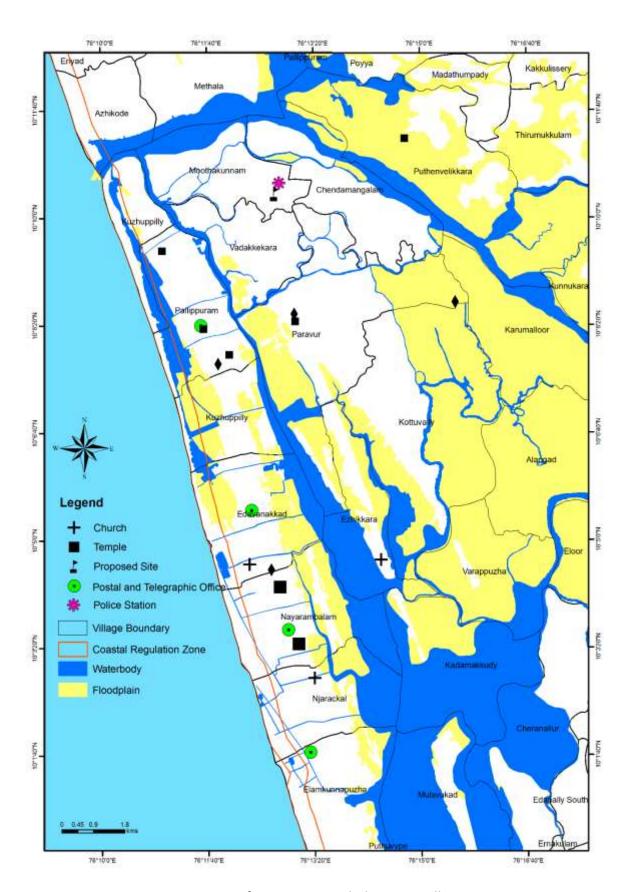
2. View of the site from access road (Church can be seen)



3.View of the site



4.School premises



GIS map of MPCS at Moothakunnam Village

PART C: PANCHAYATH RESOLUTION

District	Ernakulam
Village	Moothakunnam
Panchayath	Vadakkekara Gramapanchayath
Place	Moothakunnam
Date	19.03.2016



വടക്കേക്കര ഗ്രാമപഞ്ചായത്ത്

വടക്കേക്കര പി. ഒ., പിൻ – 683 522 പറവുർ, എറണാകുളം, ഫോൺ : 0484 – 2442265 (An ISO 9001:2008 Certified Panchayat)

നമ്പർ : A1-3374/2016

തിയതി: 21/03/2016

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പ്രസിഡർ

വടക്കേക്കര ഗ്രാമ പഞ്ചായത്ത്

സ്വീകർത്താവ്

ജില്ലാ കളക്ടർ

എറണാകുളാ

സർ,

വിഷയം : സൈശ്ലോൺ ഷെൽട്ടർ നിർമ്മാണവുമായി ബന്ധപ്പെട്ട് പഞ്ചായത്ത് തിരുമാനം ലഭ്യമാക്കുന്നത് സംബന്ധിച്ച്

സൂചന : അങ്ങനുടെ 05.03.2016 ലെ ഡി1- 7700/09 നമ്പർ കത്ത്

മേൽ സൂപന കത്തിലേക്ക് അങ്ങയുടെ ഗ്രദ്ധ ക്ഷണിച്ചു കൊള്ളുന്നു. വടക്കേകര ഗ്രാമപഞ്ചായത്ത് കമ്മിറ്റി 19.03.2016 ൽ യോഗം ചേർന്ന് തുരുത്തിപ്പുറം എസ് എൻ വി ജി എൽ പി എസ് ൽ നിർമ്മിക്കാനുദ്ദേശിക്കുന്ന സൈക്ലോൺ ഷെൽട്ടർ സംബന്ധിച്ച് ചർച്ച ചെയ്തു. Multipurpose ആയാണ് ഷെൽട്ടർ വിഭാവനം ചെയ്യുന്നതെന്ന് Local Community Mobilizer ശ്രിമതി സൂസ്മി സണ്ണി അറിയിച്ചു. സ്ക്കൂൾ പ്രവർത്തനത്തിലും ടി ഷെൽട്ടർ ഉപയോഗിക്കാമെന്ന് അറിയിച്ചതിന്റെ അടിസ്ഥാനത്തിലാണ് പഞ്ചായത്ത് കമ്മിറ്റിയും സ്ക്കൂൾ അധികാരികളും ഷെൽട്ടർ നിർമ്മാണത്തിന് സമ്മതിച്ചതെന്ന് ഇതിനാൽ അറിയിച്ചു കൊള്ളുന്നു. മേൽ സൂചന നിബന്ധനയോടെ പഞ്ചായത്തിന്റെ തീരുമാനം ഇതോടൊപ്പാ സമർപ്പിക്കുന്നു.

വിശ്വസ്തതയോടെ,

ഉള്ളടക്കാ;

പഞ്ചായത്ത് കമ്മിറ്റിയുടെ 19.03.2016 ലെ 2-ാം നമ്പർ തീരുമാന്ദ്രവര്ക്കുടെ Grama Panchayar Vadakkekana P O

Summary of the Panchayath meeting decision:

- 1. The meeting presided over by President, Vadakkekkara Panchayath and the following officers were present.
 - Vice President, Vadakkekkara Panchayath
 - Secreatary, Vadakkekkara Panchayath
 - Deputy Tahsildar, HQ, Paravur Taluk
 - Village Officer, Moothakunnam
 - School Representatives(Two persons)
 - Ward Members
 - Local Community Mobiliser, NCRMP-Phase II
- 2.The President, Vadakkekkara Panchayath addressed the meeting. Local Community Mobiliser, NCRMP-Phase II, briefed about the project. The following points were discussed in the meeting regarding the Cyclone shelter construction under NCRMP-Phase-II.
 - Secretary presented the agenda of the meeting.
 - Deputy Tahsildar, HQ, Paravur Taluk briefed about the project and related matters.
 - School representatives submitted an objection to this construction. They are planning
 to construct a new building for school. There is no enough space to construct a new
 building for school after the construction of cyclone shelter.
 - Local community Mobiliser gave clarification about the issues. The proposed cyclone shelter is a multipurpose building. It can also be used for other purposes like school building, community centres etc.
 - Ward members discussed the issues regarding the cyclone shelter construction.
- 3. Vadakkekkara Grama Panchayath in its resolution no dated 19.03.2016 agreed and accepted the decision of the State Government to construct a multipurpose cyclone shelter at Moothakunnam near Sarva Shiksha Abhiyan, Thuruthippuram.
- 4. The Panchayath sees no adverse environmental and social issues due to construction of MPCS.

8. District: Alappuzha

Alappuzha District

Alappuzha is one among the nine coastal districts of Kerala were the project is being implemented. Alappuzha district is located at latitude between 9°05' -9.54°N and longitude between 76°16'-76°46' E and is bounded by Lakshadweep Sea on the west, Kottayam and Pathanamthitta districts on the East and Ernakulam District in the North.The 82km long coast of Alappuzha, which borders 30 coastal villages, is vulnerable to storm surges, cyclones, high tides and coastal erosion. High tides and storm surges are common during monsoon period and the district is moderately prone to cyclones.

Construction of Multi-Purpose Cyclone Shelters [MPCS] is proposed in Pallipad, Kumarapuram, Cheruthana, Purakkad, Mararikulam North and Kainakari North villages of Alappuzha.

Profile of Alappuzha		
Headquarters	Alappuzha	
Total Population	21,21,943	
Male	10,10,252	
Female	11,11,691	
Population Growth	0.61%	
Density/Km2	1501	
Number of Taluks	6	
Number of Villages	93	
Number of Panchayath Wards	1186	
Forest Area	5.80 Ha	
Average Rainfall	2,600 mm	
Temperature	Min: 23.9°C	
remperature	Max:30.7°C	
Number of major rivers	3	
Major Soil	Coastal plain soil	

Vulnerability Assessment of the District

The banks of major rivers Manimala river, Pamba river, Achenkoil river, their rivulets, banks of Vembanad lake, Kayamkulam lakeand paddy fields are prone to flooding during monsoon. Alappuzha being a low lying region, with less than 8 m elevation, is at high risk of inundation during such events. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Table [Source: CESS]

Taluk	Flood		Storm surge/Tsunami inundation		Coastal Erosion	
	Area Km ²	Area %	Area Km²	Area %	Area Km²	Area %
Ambalappuzha	73.8	40.4	5.7	3.1	7.7	22.9
Cherthala	115.6	35.6	7.9	2.4	5.7	26.2
Karthikappally	123.1	55.2	30.5	13.2	20.3	85.7



Source: National Centre for Earth Science Studies

2. MPCS AT KUMARAPURAM VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

General information about the sub project	
Sub Project id	NCRMP/KER/ALP/ KAR/KUMARAPURAM-1
Type of proposed sub-project activity	MPCS
Location of the sub project activity	
State	Kerala
District	Alappuzha
Taluk	Karthikappally
Village	Kumarapuram
Panchayath/Municipal Corporation	Karuvatta Panchayath
Survey Number	Block no: 2, 529/13
Latitude	9° 18′ 22.714″N
Longitude	76° 25′ 56.349″E
Mean Sea Level	4.5 m
Size of the sub-project	
Cyclone Shelter – approx. built up area	960 SQ.M
Land requirement for the sub project (in Ha or	· m²)
Total Requirement	
a. Private Land	Nil
b. Government Land	500 SQ.M
c. Forest Land	Nil
Existing Land use	Fallow land
Approach roads	·
Road name	Panchayath road
Existing road	-
Proposed road	No Approach roads proposed
Boundary wall requirement	Yes

Part B: Ascertaining whether the site is a prohibited site

PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or in part of any of the following environmentally sensitive areas:		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	Water logged paddy fields and inland wetlands are found within 1km radius of the site.
Important bird areas	No	
Coastal area with corals No		
Mangrove area	No	

Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in	No	
part between the HTL and the LTL?		
Is the sub-project located in whole or in	No	
part		
200 metres from an estuary boundary?		
Is the sub-project located in whole or in	No	
part	1.6 km from stream of Pamba	
500 meters from flood plain or	river	
modified flood plain or by flood control		
systems of a riverine system?		
Is the sub-project located in whole or in	No	
part		
500 meters from railway line?		
Is the sub-project located in whole or in	No	
part within 100 meters from the		
protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in	within 1km radius of:	
Historic places that are regionally or	No	
locally important		
Reservoirs/Dams	No	
Religious Places	Yes	Kaduvan Kulangara Temple at
		a distance of 30m north to the
		site.
Public water bodies	No	

PART C: Environmental Screening Form

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole	No	Outside CRZ [5km from
or part within the Coastal Regulation		Coastline]
Zone?		

PART C2: Proximity to environmentally sensitive areas:

Not applicable as the construction area is only 500 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance No		
Environmental clearance No		
Forest clearance No		

PART D: Social Screening

PART D1: Identification of potential social concerns

1. Does the proposed sub-projec	Remarks if any	
Private Land	No	
Govt. Revenue Land	Yes	500 SQ.M of land in ownership of Education Department.
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?		
Number of public structures/buildings	3 (Three)	2 (Two) dilapidated Anti Disaster shelters constructed by European Economic Community in 1984 has to be demolished to facilitate entry to the proposed MPCS] A dilapidated lavatory needs to be demolished during site preparation.
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)		Part of school gate and wash area needs to be demolished for facilitating entry of vehicles to the site
Number of private structures (located on private or public land)	Nil	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which near by residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Outcome of Social Screening Exercise

Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project	
	Implementation Unit	

PART B: BRIEF REPORT

Description of Environmental and Social Features

The proposed Multipurpose Cyclone Shelter will be constructed in Kumarapuram Village of Karthikapally taluk in Alappuzha District. The site is within the boundary of Government L.P School, Kumarapuram. The land is entitled to Education Department and requires consensus from Education Department prior to implementation of construction works.

The site is located at a distance of 5km from Arabian Sea. The proposed site has no Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park and Botanical Garden within 1km extent.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list]. A temple is situated at a distance of 30m to the north of the school compound. National Highway 47 is at a distance of 20m to the west of the site.

The proposed site is presently fallow and is used for grazing. Trees will have to be felled during site preparation phase. The school gate requires to be widened to facilitate entry of vehicles from the National highway to the site. A portion of the wash area which is close to the school gate has to be demolished for this purpose. Entry of vehicles to the site is not possible without passing across two dilapidated buildings [Anti disaster shelters] at the back portion of the school building. These buildings were constructed by European Economic Community in 1984 and are owned by the Revenue Department. Hence, demolition of these buildings and widening of the school gate is requisite for providing direct entry to the MPCS from NH 47.

Approach roads

The proposed site is at a distance of 20m from NH 47. No approach roads have been proposed for the MPCS.

Demography of Kumarapuram Village

According to 2011 Census, the village has 7020 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table 1.7.

Table [Source: Census, 2011]

Population	Persons
Total	26,943
Male	12,397
Female	14,546
In the age group 0-6 years	2,381
Scheduled Castes (SC)	1,182
Scheduled Tribes (ST)	149
Literates	23,386
Illiterate	3,557
Total Worker	9,848

2.4 Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sqmt. Since, the built up area of Kumarapuram MPCS is only700 sqmt, project does not necessitate any environmental clearance.

CRZ Clearance

Kumarapuram MPCS is 5 Km from the High Tide Line and is outside Coast Regulation Zone. Hence, the project does not oblige to regulations as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kumarapuram MPCS, clearance as per Forest (Conservation) Act, 1980 is not applicable.



5. Aerial view of the site

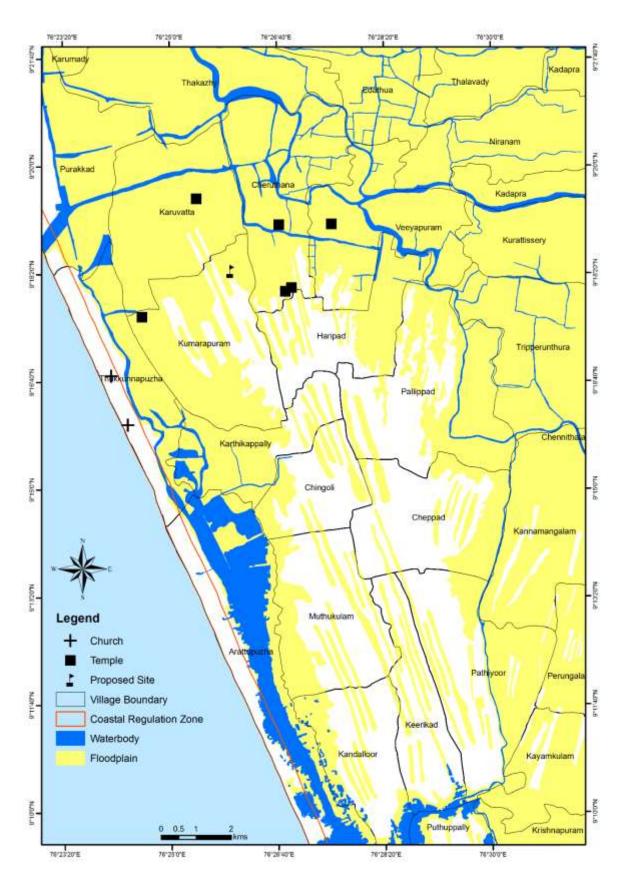




2. Kumarapuram School compound



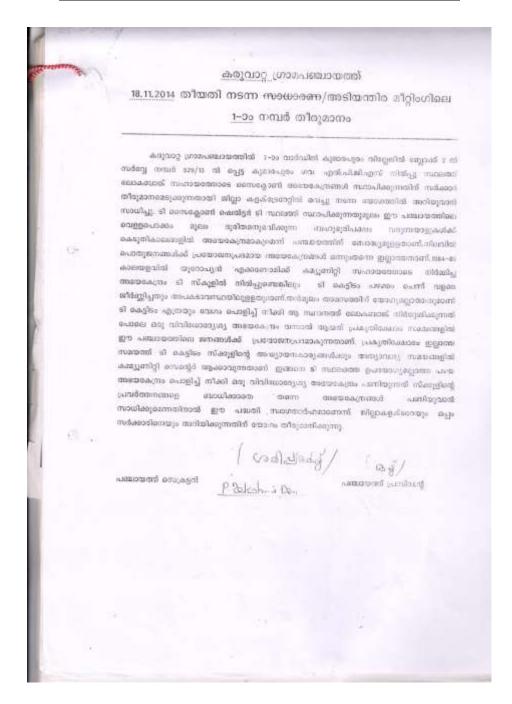
3 and 4. Anti-disaster shelters and entry to the site



GIS map of MPCS at Kumarapuram Village

PART C: PANCHAYATH RESOLUTION

District	Alappuzha
Village	Kumarapuram
Panchayath	Karuvatta
Place	Kumarapuram
Date	18.11.2014



Summary of the Panchayath meeting decision:

- 8. Karuvatta Gramapanchayath discussed on decision taken in Government for constructing a Multi-Purpose Cyclone Shelter in Block no: 2, 529/13, Government Lower Primary School of Kumarapuram Village in its meeting held on 18.11.2014.
- 9. The Panchayath understands that construction of MPCS would benefit the population who are affected by floods. At present, shelters are not available for sheltering the population.
- 10. A shelter that was built through funds from European Community Union is in a dilapidated situation and is not suitable for shelter purposes.
- 11. Panchayath informed that this dilapidated building can be demolished and MPCS can be built in the site. This MPCS could serve as shelter for vulnerable population in case of a disaster and can be used as community centre in normal times.
- 12. The Panchayath agrees to construct MPCS in the village. Panchayath further states that demolition and construction should not hinder the normal school activities.
- 13. The decision of Panchayath was informed to District Administration through resolution no.1 dated 18.11.2014 of Karuvatta Panchayath.

3. MPCS AT CHERUTHANA VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

General information about the sub project	
Sub Project id	NCRMP/KER/ALP/ KAR/CHERUTHANA-1
Type of proposed sub-project activity	MPCS
Location of the sub project activity	
State	Kerala
District	Alappuzha
Taluk	Karthikappally
Village	Cheruthana
Panchayath/Municipal Corporation	Cheruthana Panchayath
Survey Number	Block 5, esurvey no: 371/1
Latitude	9° 18′19.358″
Longitude	76° 26′ 47.606″
Mean Sea Level	5.5m above MSL
Size of the sub-project	
Cyclone Shelter – approx. built up area	1000 SQ.M
Land requirement for the sub project (in Ha or	· m²)
Total Requirement	
a. Private Land	Nil
b. Government Land	500 SQ.M of land in the ownership of
c. Forest Land	Nil
	A dilapidated Anti Disaster Shelter
Existing Land use	constructed under European Economic
	Community project exists in the site.
Approach roads	
Road name	100m tarred road connects the site to
Nodu Hailic	Harippad-Ayaparambukadavu road
Existing road	Length: 100m ROW: 3m
Proposed road	No Approach roads proposed
Boundary wall requirement	No
Technical Monitoring Agency at District level	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or in part of any of the following environmentally sensitive areas:		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	

Tiger reserve/elephant reserve	No	
Wetland	No	Inland wetlands and paddy fields are found within a 1km site from the
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part between the HTL and the LTL?	No	
Is the sub-project located in whole or in part 200 metres from an estuary boundary?	No	
Is the sub-project located in whole or in part 500 meters from flood plain or modified flood plain or by flood control systems of a riverine system?	No	1.3 km from Puttan Ar
Is the sub-project located in whole or in part 500 meters from railway line?	No	
Is the sub-project located in whole or in part within 100 meters from the protected limits of notified archaeological sites or monuments?	No	
Is the sub-project located in whole	or in within 1km radius of:	
Historic places that are regionally or locally important	No	
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Form

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or	No	Outside CRZ (6 km
part within the Coastal Regulation		from Coastline)
Zone?		

PART C2: Proximity to environmentally sensitive areas:

Not applicable as the construction area is less than 500 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance	No	
EIA	No	
Forest clearance	No	

PART D: Social Screening

PART D1: Identification of potential social concerns

1. Does the proposed sub-project	Yes	Remarks if any
activity require any land?		
Private Land	No	
Government Land	Yes	500 SQ.M of land in
		ownership of education
		Department
Forest Land	No	
2. Does the proposed sub-project		
activity result in		
demolition/removal of existing		
structures?		
Number of public	1 (One)	[Anti disaster shelter
structures/buildings		constructed under
		European economic
		Community project]
Number of common property	No	
resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project	No	
activity result in loss of		
crops/trees which is not		
Government property?		
4. Does the proposed Project	No	
activity result in loss of direct		
livelihood/ employment?		
5. Does the proposed activity	No	
result in loss of mangrove		
ecosystem/social forest on which		

near by residents/local		
population are dependent for		
fuel wood/grazing etc.?		
6. Does the proposed Project	No	
activity affect scheduled tribe/		
caste communities?		

Part D (2): Result/Outcome of Social Screening Exercise

Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Cheruthana Village of Karthikapally taluk in Alappuzha District. The site is adjacent to Cheruthana Village Office and within the premises of school. The land is entitled to Education Department.

The site is located at a distance of 6 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list]. School laboratory building exists opposite to the existing anti disaster shelter in the site.

A dilapidated Anti Disaster shelter that exists in the site needs to be demolished and trees needs to be cut down to prepare the site for construction. Road of width 2.5m to the north of the site runs into the residential area.

Approach roads

The site is on the LHS of Harippad-Ayaparambu main road. No approach roads have been proposed for the MPCS.

Demography of Cheruthana Village

According to 2011 Census, the village has 3274 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	12,882
Male	6,017
Female	6,865
In the age group 0-6 years	1,215
Scheduled Castes (SC)	2,227
Scheduled Tribes (ST)	56
Literates	11,157

Illiterate	1,725
Total Worker	4,962

Legal Clearances

Environmental Clearance

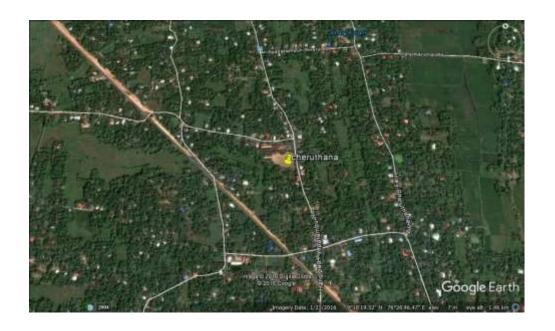
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sqmt. Since, the built up area of Cheruthana MPCS is only700 sqmt, project does not necessitate any environmental clearance.

CRZ Clearance

Cheruthana MPCS and approach road is 6 km from the High Tide Line and is outside Coast Regulation Zone. Hence, the project does not oblige to regulations as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of road side plantation is not required during any phase of construction of Cheruthana MPCS, clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



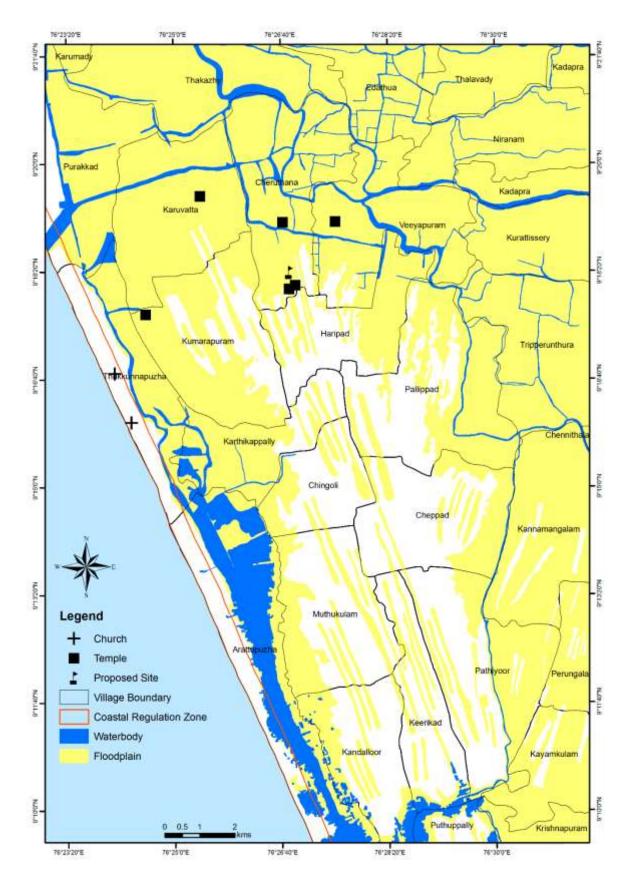
3. View of the site from school ground



2 .Existing Anti disaster shelter in the site



4. Tree located near to site can be seen.



GIS map of MPCS at Cheruthana Village

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PART C: PANCHAYATH RESOLUTION

District	Alappuzha
Village	Cheruthana
Panchayath	Cheruthana Gramapanchayath
Place	Cheruthana
Date	20/11/2014



ചെറുതന ഗ്രാമ പഞ്ചായത്ത്

20/11/2014 തീയതി നടന്ന സംധരന്തെ/ അടിയന്തിര മീറ്റിംഗിലെ

I (1)-ാം നമ്പർ തീരുമാനം

ചൊത്ത ഗ്രാമചഞ്ചായത്തിൽ ചെറുതന വില്ലേതിൽ ബ്ലോക്ക് നം V ൽ റിസർവ്വേ നമ്പർ 371/1 ൽ ആയാപാമ്പ് സെക്കന്ററി സ്ക്കൂൾ നിൽപ്പുസ്ഥലത്ത് ഗവഹവൻ ലോകബാങ് സഹായത്തോടെ സൈക്ലോൺഅഭയക്യേങ്ങൾ സ്ഥാപിക്കുന്നതിന് സർക്കാർ തീരുമാനമെടുക്കുന്നതായി ജില്ലാ കളക്ടർറേറ്റിൽ വെച്ചു നടന്ന യോഗത്തിൽ അറിയുവാൻ സാധിച്ചു.ടി സൈക്ലോൺ ഷെൽട്ടർ ടിസ്ഥലത്തു സ്ഥാപിക്കുന്നതു പഞ്ചായത്തിലെ വെളളപ്പെക്കാ മൂലം ദുരിതമനുഭവിക്കുന്ന മൂലം ഈ ബഹുഭൂരിപക്ഷംനരുന്നയാളുകൾക്ക് കെടുതികാലങ്ങളിൽ പഞ്ചായത്തിന് അഭയകേഷ്രമാകുമെന്ന് ബോദ്ധ്യമുളളതാണ്.നിലവിത് പൊതുജനങ്ങൾക്ക് പ്രയോജനപ്രദമായ അഭയകേന്ദ്രങ്ങൾ ഒന്നും തന്നെ ഇലാത്തതാണ് 1984-89 കാലയളവിൽ യൂറോപൃൻഎക്കണോമിക്ക് കമ്മ്യൂണിറ്റി സഹായത്തോടെ നിര്മ്മിച അയേക്യേദം ടി സ്ക്കൂളിൽ നിൽപ്പുണ്ടെങ്കിലും ടി കെട്ടിടം പഴക്കം ചെന്ന് വളരെ ജീർണ്ണിച്ചതും അപകടഅവസ്ഥയിലുളളതുമാണ് തൻമൂലം താമസത്തിന് യോഗ്യമല്ലാത്തതുമാണ് ടി കെട്ടിടം ഏത്രയും വേഗം പൊളിച്ചുനിക്കി ആ സ്ഥാനത്ത് ലോകബാങ് നിർജ്ഭൂശിക്കുന്നതുപോലെ ഒരു വിവിദധോദ്യേശ്യ അഭയക്യേരം വന്നാൽ ആയത് പ്രകൃതിക്ഷോഭ സമയങ്ങളിൽ ഈ പഞ്ചായത്തിലെ ,ജനങ്ങൾക്ക് | പ്രധോജനപ്രദമാകുന്നതാണ്.പ്രകൃതിക്ഷോഭമില്ലാത്ത സമന്മത്ത് ടി കെട്ടിടം അദ്ധ്യയാനകാര്യങ്ങൾക്കും.അത്യാവശ്യ സമയങ്ങളിൽ കമ്മ്യൂണിറ്റിസെന്റ്റ്റാക്കാവുന്നതാണ്.ഇങ്ങനെ ടിസ്ഥലത്തെ ഉപയേഗ്യമല്ലാത്ത പഴയത്തഭയകേന്ദ്രം പൊളിച്ച് നീക്കി പുതിയ വിവധോദ്യേശ അഭയകേന്ദ്രം പണിയുന്നതിന് സ്ക്കൂളിന്റെ പ്രവർത്തനങ്ങളെ ബാധിക്കാതെ തന്നെ അഭയകേന്ദ്രങ്ങൾ നടത്തുവാൻ സാധിക്കുമെന്നതിനാൻ ഈ പദ്ധതി സ്വാഗതാർഹമാണെന്ന് ജില്ലാ കളക്ടറേയും ഒപ്പം സർക്കാദിനെയും അറിയിക്കുന്നതിന് യോഗം തീരുമാനിച്ചു.

> ഒപ്പ് (പ്രസിഡന്റ്)

– ശരി പകർപ്പ് –

Summary of the Panchayath meeting decision:

- 4. Cheruthana Gramapanchayath discussed on decision taken in Government for constructing a Multi-Purpose Cyclone Shelter in Block no: 5, Resurvey no: 371/1, Ayamparambu Government Higher Secondary School of Cheruthana Village in its meeting held on 20.11.2014.
- 5. The Panchayath understands that construction of MPCS would benefit the population who are affected by floods. At present, shelters are not available for sheltering the population.
- 6. A shelter that was built through funds from European Community Union is in a dilapidated situation and is not suitable for shelter purposes exists in the site.
- 7. Panchayath informed that this dilapidated building can be demolished and MPCS can be built in the site. This MPCS could serve as shelter for vulnerable population in case of a disaster and can be used as community centre in normal times.
- 8. The Panchayath agrees to construct MPCS in the village. Panchayath further states that demolition and construction should not hinder the normal school activities.
- 9. The decision of Panchayath was informed to District Administration through resolution no.1 (1) dated 20.11.2014 of Cheruthana Panchayath.

4. MPCS AT PURAKKAD VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project			
General Information About The Sub Project			
Sub Project id	NCRMP/KER/ALP/ AMB/PURAKKAD-1		
Type of proposed sub-proje activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Alappuzha		
Taluk	Ambalappuzha		
Village	Purakkad		
Panchayath/Municipal Corporation	Purakkad Panchayath		
Survey Number	Block no: 21, Survey no: 50/5		
Latitude	9° 19′ 11.439″N		
Longitude	76° 23′ 5.141″E		
Mean Sea Level	5.5 m		
Size of the sub-project			
Cyclone Shelter – approx.	1800 SQ.M		
built up area			
Land requirement for the sub project (in Ha or m ²)			
Total Requirement			
a. Private Land	Nil		
b. Government Land	900 SQ.M		
c. Forest Land	Nil		
Existing Land use	Two dilapidated Anti disaster shelters constructed under European economic Community project exists in the proposed site which is within the campus of Naluchira U.P school.]	
Approach roads			
Road name	Panchayath road connects the site to NH 47		
Existing road	Length 100m ROW: 6m		
Approach road	No approach road proposed		
Boundary wall	No		
requirement	140		

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or in part of:		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	

Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole	No	
or in part between the HTL and the		
LTL?		
Is the sub-project located in whole	No	
or in part		
200 metres from an estuary		
boundary?		
Is the sub-project located in whole	-	About 152 m east of
or in part		Thottapally spillway
500 meters from flood plain or		that regulates water
modified flood plain or by flood		discharge from
control systems of a riverine		Pamba, Manimala and
system?		Achenkoil rivers
Is the sub-project located in whole	No	
or in part		
500 meters from railway line?		
Is the sub-project located in whole	No	
or in part within 100 meters from		
the protected limits of notified		
archaeological sites or		
monuments?		
Is the sub-project located in whole o	or in within 1km	
radius of:	I	
Historic places that are regionally	No	
or locally important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Form

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in	No	Outside CRZ
whole or part within the Coastal		(>600m landward
Regulation Zone?		of the HTL on
		seaside)

PART C2: Proximity to environmentally sensitive areas:

Not applicable as the construction area is only 900 SQ.M.	
not applicable as the solicit action area is only soo seam	

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required	
CRZ clearance No	
EIA No	
Forest clearance No	

PART D: Social Screening

PART D1: Identification of potential social concerns

1. Does the proposed sub-project	Yes	Remarks if any
activity require any land?		
Private Land	No	
Govt. Revenue Land	Yes	900 SQ.M of land in the
		ownership of Education
		department.
Forest Land	No	
2. Does the proposed sub-project	Yes	
activity result in		
demolition/removal of existing		
structures?		
Number of public	2 (Two)	Two dilapidated Anti
structures/buildings		disaster shelters
		constructed under
		European economic
		Community project exists
		in the proposed site
Number of common property	No	
resources		
(such as religious/cultural/ drinking		
water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project	No	
activity result in loss of crops/trees		
which is not Government		
property?		
4. Does the proposed Project	No	
activity result in loss of direct		
livelihood/ employment?		
5. Does the proposed activity result	No	
in loss of mangrove		
ecosystem/social forest on which		
nearby residents/local population		
are dependent for fuel		
wood/grazing etc.?		

6. Does the proposed Project	No	
activity affect scheduled tribe/		
caste communities?		

Part D (2): Result/Outcome of Social Screening Exercise

Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist,
	State Project Implementation Unit

PART B: BRIEF REPORT

Description of Environmental and Social features

The MPCS will be constructed in Purakkad Village of Ambalappuzha taluk in Alappuzha District. The site is within the boundary of Government U.P School, Naluchira and is entitled to Education Department and hence require consensus from the Education Department prior to implementation of the project.

The site is located at a distance of 650m from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. Thottappally Spill way is 160m to the east of the site. The site is surrounded by water logged paddy fields, aqua ponds and inland wetland.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The proposed site is presently is used as school ground and has two dilapidated buildings. The buildings will have to be demolished for construction of MPCS.

Approach roads

An existing road of 500m length and 5m ROW that connects the site to National Highway will be upgraded to all weather road without change in existing ROW. Land acquisition is not required for this purpose.

Demography of Purakkad Village

According to 2011 Census, the village has 7219 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	29,782
Males	14,383
Females	15,399

In the age group 0-6 years	2,957
Scheduled Castes (SC)	1,695
Scheduled Tribes (ST)	132
Literates	25,545
Illiterate	4,237
Total Worker	12,462

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sqmt. Since, the built up area of PurakkadMPCS is only700 sqmt, project does not necessitate any environmental clearance.

CRZ Clearance

PurakkadMPCS and approach road is 9 Km from the High Tide Line and is outside Coast Regulation Zone. Hence, the project does not oblige to regulations as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Purakkad MPCS and approach roads, clearance as per Forest (Conservation) Act, 1980 is not applicable.



1.Aerial view of the site



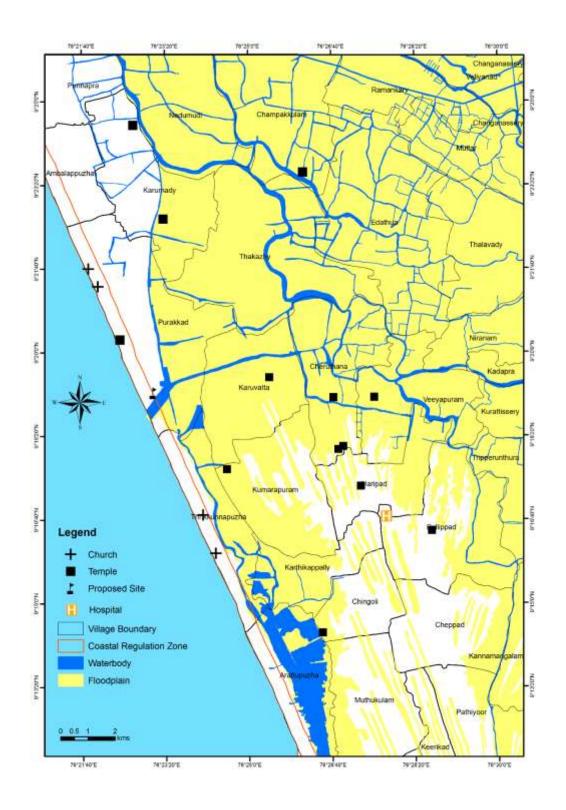
3. Approach road to the site



2. Naluchira School premises



4. Dilapidated building in the site



GIS map of MPCS at Purakkad village

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PART C: PANCHAYATH RESOLUTION

District	Alappuzha	
Village	Purakkad	
Panchayath	Purakkad Gramapanchayath	
Place	Purakkad	
Date	06.11.2014	

പുറക്കാട് ഗ്രാമ പഞ്ചായത്ത് 06-11-2014 തീയതി നടന്ന സാധാരണ / അടിയന്തിര മീറ്റിംഗിലെ VI(6) -ാം നമ്പർ തീരുമാനം

പുറക്കാട് പഞ്ചായത്തിൽ പുറക്കാട് വില്ലേജിൽ ബ്ലോക്ക് 21 ൽ സർവ്വേ 50/5 ൽ പ്രെട്ട നാലുചിറ രോഹസ്കൂൾ നിൽപ്പ് സ്ഥലത്ത് ലോകബാത് സഹായത്തോടെ സൈക്ലോൺ അഭയകേന്ദ്രങ്ങൾ സ്ഥാപിക്കുന്നതിന് സർക്കാർ തീരുമാനമെടുക്കുന്നതായി ജില്ലാ കളക്ട്രേറ്റിൽ വച്ച് നടന്ന യോഗത്തിൽ അറിയുവാൻ സാധിച്ചു. ടി സൈക്ലോൺ ഷെൽട്ടർ ടി സ്ഥലത്ത് സ്ഥാപിക്കുന്നതു മൂലം ഈ പഞ്ചായത്തിലെ വെള്ളപ്പൊക്കം മൂലം വരുന്നയാളുകൾക്ക് കെടുതി ദൂരിതമനുഭവിക്കുന്ന ദാഹുഭൂരിപക്ഷം കാലങ്ങളിൽ അഭയ കേന്ദ്രമാകുമെന്ന് പന്ത്വായത്തിന് ബോധ്യമുള്ളതാണ്. നിലവിൽ പൊതു ജനങ്ങൾക്ക് പ്രയോജനപ്രദമായ അഭയകേന്ദ്രങ്ങൾ ഒന്നും തന്നെ പഞ്ചായത്തിൽ ഇല്ലാത്തതാണ്. 1984-89 കാലയളവിൽ യൂറോപൃൻ എക്കണോമിക്ക് കമ്മ്യൂണിറ്റി സഹായത്തോടെ നിർമിച്ച അഭയകേന്ദ്രം ടി സ്കൂളിൽ നിൽപ്പുണ്ടെങ്കിലും ടി കെട്ടിടം പഴക്കം ചെന്ന് വളരെ ജീർണ്ണിച്ചതും അപകടാവസ്ഥയിലുള്ളതുമാണ്. ടി കെട്ടിടം എത്രയും വേഗം പൊളിച്ച് നീക്കി ആ സ്ഥാനത്ത് ലോകബാങ് നിർദ്ദേശിച്ചതുപോലെ ഒരു വിവിധോദ്യേശ അഭയകേഷ്രം വന്നാൽ ആയത് പ്രകൃതിക്കോട സമയങ്ങളിൽ ഈ പഞ്ചായത്തിലെ ജനങ്ങൾക്ക് പ്രദേശങ്ങപ്രദരകുന്നതാണ്. പ്രകൃതിക്ഷോഭമില്ലാത്ത സമയത്ത് ടി റകട്ടിടം സ്കൂളിന്റെ അദ്ധ്യായന അതുവേശ്യ സമയങ്ങളിൽ സെന്ററാക്കാവുന്നതാണ്. ഇങ്ങനെ ടി സ്ഥലത്തെ ഉപയോഗ്യമല്ലാത്ത പഴയ കേന്ദ്രം പൊളിച്ച് നീക്കി പുതിയ വിവിധോദ്യേശ അഭയകേന്ദ്രം പണിയുന്നത് സ്വാഗതാർഹമാണെന്ന് ആലപ്പുഴ ജില്ലാ കളക്ടറേയും ഒപ്പം സർക്കാരിനേയും അറിയിക്കുന്നതിന് തോഗം തീരുമാനിച്ചു.

IMTHIAS AHAMMED.A Secretary Purakkad Grama Panchayat Purakkad P.O.,Pin-688 561 Mob:9496043653 The same of the sa

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Summary of the Panchayath meeting decision:

- The Purakkad Gramapanchayath discussed on decision taken by Government to construct a Multi-Purpose Cyclone Shelter in Block 21, Survey no: 50/5, Naluchira U.P School of Purakkad village.
- 2. The Panchayath understands that construction of MPCS would benefit the population who are affected by floods. At present, shelters are not available for sheltering the population.
- 3. A shelter that was built through funds from European Community Union is in a dilapidated situation and is not suitable for shelter purposes exists in the site.
- 4. Panchayath informed that this dilapidated building can be demolished and MPCS can be built in the site. This MPCS could serve as shelter for vulnerable population in case of a disaster and can be used as community centre in normal times.
- 5. The Panchayath agrees to construct MPCS in the village. Panchayath further states that demolition and construction should not hinder the normal school activities.
- 6. The Panchayath has no objection in constructing a MPCS at block no 21 survey no: 50/5 of Govt UP School, Naluchira at Purakkad village.
- 7. The Panchayath in decision no VI (6) dated 06/11/2014 decided to inform the Authorities regarding the consent of the Panchayath in constructing the Multi-Purpose Cyclone Shelter.

5. MPCS AT MARARIKULAM NORTH VILLAGE PART A: ESMF CHEKLIST

Part A: General Information about the sub-project

General Information About The Sub Project		
Cub Duciest id	NCRMP/KER/ALP/	
Sub Project id	CHE/MARARIKULAM NORTH-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Alappuzha	
Taluk	Chertahala	
Village	Mararikulam North	
Panchayath/Municipal Corporation	Marariikulam North Panchayath	
Survey Number	Block no: 20, Survey No: 322/6	
Latitude	9° 36′ 36.419″N	
Longitude	76° 18′ 13.091″E	
Mean Sea Level	7.8 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1261 SQ.M	
Land requirement for the sub project (in	Ha or m ²)	
Total Requirement		
d. Private Land	Nil	
e. Government Land	630 SQ.M	
f. Forest Land	Nil	
Existing Land use	Fallow land with a seasonally	
Laisting Land use	waterlogged pit of 161 SQ.M area	
Approach roads		
Road name	Janakshemam junction -	
	Cheruvallisery road connects site to	
	Mararikulam- Arthungal coastal road	
Existing road	Length: 100m ROW: 6m	
Proposed road	No approach roads proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site

PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or in part of any of the following environmentally sensitive areas:		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	

Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	Inland wetlands and
		paddy fields are found
		within 1 km radius of the
		site
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in	No	
part between the HTL and the LTL?		
Is the sub-project located in whole or in	No	
part		
200 metres from an estuary boundary?		
Is the sub-project located in whole or in	No	Natural creek is at a
part		distance of 300m to the
500 meters from flood plain or modified		east of the site
flood plain or by flood control systems of		
a riverine system?		
Is the sub-project located in whole or in	No	
part		
500 meters from railway line?		
Is the sub-project located in whole or in	No	
part within 100 meters from the		
protected limits of notified		
archaeological sites or monuments?		

PART C: Environmental Screening Form

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or	No	Outside CRZ
part within the Coastal Regulation Zone?		(700m from seaside HTL)

PART C2: Proximity to environmentally sensitive areas:

Not applicable as the construction area is only 630 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required	
CRZ clearance	No
EIA	No
Forest clearance	No

PART D: Social Screening

PART D1: Identification of potential social concerns

1. Does the proposed sub-project activity require any		Remarks if any
land?	T	
Private Land (SQ.M)	No	
Govt. Revenue Land (SQ.M)	Yes	630 SQ.M of land
		in ownership of
		Revenue
		Department
Forest Land (SQ.M)	No	
2. Does the proposed sub-project	No	
activity result in		
demolition/removal of existing		
structures?		
Number of public	No	
structures/buildings		
Number of common property	No	
resources (such as		
religious/cultural/ drinking		
water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project	Yes	
activity result in loss of crops/trees		
which is not Government property?		
4. Does the proposed Project	No	
activity result in loss of direct		
livelihood/ employment?		
5. Does the proposed activity result	No	
in loss of mangrove		
ecosystem/social forest on which		
near by		
residents/local population are		
dependent for fuel wood/grazing		
etc.?		
6. Does the proposed Project	No	
activity affect scheduled tribe/	INO	
caste communities?		
caste communities:		

Part D (2): Result/Outcome of Social Screening Exercise

Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist,	
	State Project Implementation Unit	

PART B: BRIEF REPORT

Description of Environmental and Social features

The proposed Multipurpose Cyclone Shelter will be constructed in Maraikulam North Village of Cherthala taluk in Alappuzha District. The proposed land is entitled to Revenue Department.

The site is located at a distance of 700m from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. Natural creek is at a distance of 300m to the east of the site. Inland wetlands and paddy fields are within 1km radius of the site.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

The proposed site is presently barren with a seasonally water logged pit occupying 161sq.m area of the land. Trees need to be cut down during site clearance.

Approach roads

The site is on the right hand side of Mararikulam-Arthungal coastal road. No approach roads have been proposed for the MPCS.

Demography of Mararikulam North Village

According to 2011 Census, the village has 3540 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table

Table [Source: Census, 2011]

Population	Persons
Total	13,945
Male	6,860
Female	7,085
In the age group 0-6 years	1,319
Scheduled Castes (SC)	847
Scheduled Tribes (ST)	90
Literates	11,823
Illiterate	2,122
Total Worker	7,001

Legal Clearances

Environmental Clearance

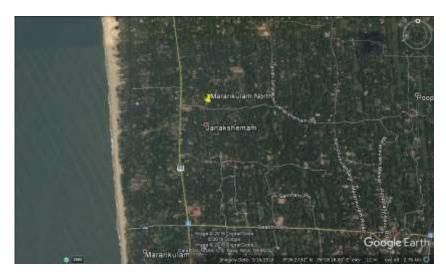
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sqmt. Since, the built up area of Mararikulam NorthMPCS is only700 sqmt, project does not necessitate any environmental clearance.

CRZ Clearance

Mararikulam North MPCS and approach road is 9 Km from the High Tide Line and is outside Coast Regulation Zone. Hence, the project does not oblige to regulations as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Mararikulam NorthMPCS, clearance as per Forest (Conservation) Act, 1980 is not applicable.



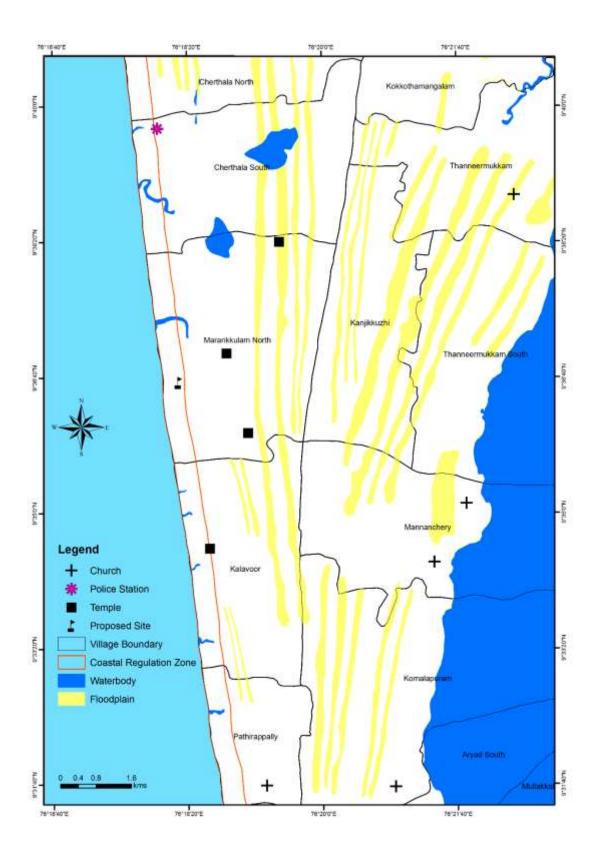
1. Aerial map of site



3. View of the site



2. View of site from Approach roads



GIS map of Mararikulam North MPCS

PART C: PANCHAYATH RESOLUTION

District	Alappuzha
Village	Mararikulam North
Panchayath	Mararikulam North Gramapanchayath
Place	Mararikulam North
Date	24.11.2014

മാരാരിക്കിളം വടക്ക് ഗ്രാമപഞ്ചായത്തിന്റെ 24/11/2014 ൽ കൂടിയ സാധാരണ യോഗത്തിലെ 6–ാം നമ്പർ തീരുമാനം

മാരാളിക്കൂളം വടക്ക് പഞ്ചായത്തിയ് മാരാളിക്കുളം വടക്ക് വില്ലേജിൽ ൽ സർപ്പെ 3.²² | ഉപ ചെട്ട വേന്ധ്വവകുപ്പു വക തിൽപ്പു സ്ഥലത്ത് ലോകബാങ് oundomomons സെക്ളോൺ അടയ കേന്ദ്രങ്ങൾ സ്ഥാപിക്കുന്നയിന് തീരുമാനമെടുക്കുന്നതായി ജില്ലാ കളക്കുടറ്റിൽ വച്ചു നടന്ന യോഗത്തിൽ അറിയുവാൻ സാധിച്ചു.ടി സൈക്ളോൺ ഷെത്ട്ടർ ടി സ്ഥലത്തു സ്ഥാപിക്കുന്നതു മൂലം ഈ പങ്കായത്തിലെ വെള്ളപ്പൊക്കാ മൂലം ഭുരിതമനുഭവിക്കുന്ന ബഹുഭുരിപക്ഷം വരുന്നയാളുകൾക്ക് കെടുതികാലങ്ങളിത് അഭയകേന്ദ്രമാകുമെന്ന് പഞ്ചായത്തിന് ബോധ്യമുള്ളതാണ്.നിലവിൽ പൊതുജനങ്ങൾക് പ്രയോജനപ്രദമായ അഭയകുന്ദങ്ങൾ ഒന്നും തന്നെ പങ്കായത്തിൽ ഇല്ലാത്തയാണ്.usa-as കാലയളവിൽ യൂറോപൃൻ എക്കണോമിക്ക് കമ്മ്യൂണിറ്റി സഹായത്തോടെ നിർമ്മിച്ച അഭയകേഷ്രം ടി സ്ക്യൂളിൽ നിൽപ്പുരണ്ടതിയും ടി മെട്ടിടം പഴക്കാ ചെന്ന് വളരെ ജീർണ്ണിച്ചത്വം അപകടാവസ്ഥയിലുള്ളതുമാണ്.തൻമൂലം താസേത്തിന് യോഗൃല്ലോത്തത്യമാണ്.ടി കെട്ടിടം അപകടാവസ്ഥയിലുള്ളതുമാണ്.ടി കെട്ടിടാ എത്രയും വേഗം പോളിച്ചു നിക്കി ആസ്ഥാനത്ത് ലോകബാങ് നിർദ്ദേശിക്കുന്നതുപോലെ ഒരു വിവിധോദ്യേശ്യ അഭയകേര്രം വന്നാൽ ആയത് പ്രകൃതിക്കോട സഭയങ്ങളിൽ ഈ പഞ്ചായത്തിലെ ജനങ്ങൾക്ക് പ്രയോജനപ്രദാരമുന്നതാണ്. പ്രകൃതിക്കോഭമില്ലാത്ത സത്തത്ത് ടി കെട്ടിടെ സ്കൂളിന്റെ അധ്യായാനകാര്യങ്ങൾക്കും അത്യാവശ്യ manusamples. കമ്മയുണിറ്റി സെന്റർ ആക്കാവുന്നതാണ്.ഇങ്ങനെ ടി സ്ഥലത്തെ ഉപയോഗയോഗുരല്ലാത്ത പഴയ അയേ കേന്ദ്രം പൊളിപ്പ് നീക്കി പുതിയ വിവിധോദ്യേശ അത്രേ കേന്ദ്രം പണിയുന്നത് സ്കൂളിൻരെ പ്രവർത്തനങ്ങളെ ബാധിക്കാതെ തന്നെ അഭയകേന്ദ്രങ്ങൾ നടത്ത്യവാൻ സാധിക്കുമെന്നതിനാൽ ഈ പദ്ധതി സമാഗതാർഹമാണെന്ന് ജില്ലാ കളക്ടറേയും മപ്പാ സർക്കാദിനേയും അറിയിക്കുന്നതിന് യോഗം തീരുമാനിക്കുന്നു.

> (ഒപ്പ്)) സെക്രട്ടറി

(នភ្នំ) សេហវិយព្វិ

/ ശരിപ്പകർപ്പ് ,

239398-0326-03366 (039-4793998) 5-0368-0478-2352332-/-54850-83638

Summary of the Panchayath meeting decision:

- Mararikulam North Gramapanchayath discussed on decision taken by Government to construct a Multi-Purpose Cyclone Shelter in Block no: 20, Survey No: 322/6 of Mararikulam North Village.
- 2. The Panchayath understands that construction of MPCS would benefit the population who are affected by floods. At present, shelters are not available for sheltering the population.
- 3. This MPCS could serve as shelter for vulnerable population in case of a disaster and can be used as community centre in normal times.
- 4. The Panchayath has no objection in constructing a MPCS at Block no: 20, Survey No: 322/6 of Mararikulam North Village
- 5. The Panchayath in decision no.6 dated 24/11/2014 decided to inform the Authorities regarding the consent of the Panchayath in constructing the Multi-Purpose Cyclone Shelter.

6. MPCS AT KAINAKARI NORTH VILLAGE PART A: ESMF CHEKLIST

Part A: General Information about the sub-project

General Information About The Sub Project		
Sub Project id	NCRMP/KER/ALP/ KUT/KAINAKARI NORTH-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Alappuzha	
Taluk	Kuttanad	
Village	Kainkari North	
Panchayath/Municipal Corporation	Kainkari North Panchayath	
Survey Number	Survey number: 65/5	
Latitude	9° 30' 6.63'N	
Longitude	76° 22' 9.26"E	
Mean Sea Level	11 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1200 SQ.M	
Land requirement for the sub project (in	Ha or m ²)	
Total Requirement		
g. Private Land	Nil	
h. Government Land	900 SQ.M	
i. Forest Land	Nil	
Existing Land use		
Approach roads		
	Panchayath roads connect site to	
Road name	Changanassery- Alappuzha main road.	
	National water way III and inland waterway	
	connects the site to nearby towns	
Existing road	ROW: 2m	
Proposed road	No approach roads proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or in part of any of the following environmentally sensitive areas:		Remarks if any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	Yes	Kuttanad region is a notified Ramsar Site. Inland wetlands,

		Paddy fields are within the 1km radius of the site
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	-	Ramsar site region
Is the sub-project located in whole or in part between the HTL and the LTL?	No	
Is the sub-project located in whole or in part 200 metres from an estuary boundary?	No	The site is approximately 50m away from the embankment of the Pamba river that is to the west of the site.
Is the sub-project located in whole or in part 500 meters from flood plain or modified flood plain or by flood control systems of a riverine system?	No	The proposed site falls in the floodplain region of Kuttanad Wetland system and gets water logged to a height of 75cm during rainy season. Inland wetlands and paddy fields are within 1km radius of the site.
Is the sub-project located in whole or in part 500 meters from railway line?	No	
Is the sub-project located in whole or in part within 100 meters from the protected limits of notified archaeological sites or monuments?	No	

PART C: Environmental Screening Form

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or	No	Outside CRZ
part within the Coastal Regulation Zone?		(5km from HTL and 55m from
		water body)

PART C2: Proximity to environmentally sensitive areas:

Not applicable as the construction area is only 900 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required	
CRZ clearance	No
EIA No	
Forest clearance	No

PART D: Social Screening

PART D1: Identification of potential social concerns

1. Does the proposed sub-project activity require any land?	Remarks if any
---	----------------

Private Land (SQ.M)	No	
Govt. Revenue Land (SQ.M)	Yes	900 SQ.M of land
		in the ownership
		of Education
		Department
Forest Land (SQ.M)	No	
2. Does the proposed sub-project	No	
activity result in demolition/removal		
of existing structures?		
Number of public structures/buildings	No	
Number of common property	No	
resources (such as religious/cultural/		
drinking water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project activity	Yes	
result in loss of crops/trees which is		
not Government property?		
4. Does the proposed Project activity	No	
result in loss of direct livelihood/		
employment?		
5. Does the proposed activity result	No	
in loss of mangrove ecosystem/social		
forest on which nearby		
residents/local population are		
dependent for fuel wood/grazing		
etc.?		
6. Does the proposed Project activity	No	
affect scheduled tribe/ caste		
communities?		

Part D (2): Result/Outcome of Social Screening Exercise

Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist,
	State Project Implementation Unit

PART B: BRIEF REPORT

Description of the site

The site for MPCS is within the premises of Government school, Kuppappuram and is entitled to Education Department. The site is located at a distance of 5km from coastline and is located on the deltaic region of Lower Kuttanad surrounded by rivulets of Pamba river and backwaters. The site is approximately 50m away from the embankment of the Pamba river that is to the west of the site and the site is presently barren. The proposed site falls in the floodplain region of Kuttanad Wetland system and gets water logged to a height of 75cm during rainy season. Inland wetlands and paddy fields are within 1km radius of the site.

The site is located in the Vembanad wetland system which is recognised as Ramsar site and is declared as Critically Vulnerable Coastal Area in CRZ notification of 2011. The site is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

Approach roads

Side roads from Changanassery and Alappuzha main road connect Kainakari Panchayath to the nearby towns. The site is 200m away from the Nedumudi-Kuppapuram road that is under construction. A bridge followed by a 2m wide untarred Panchayath public road connects Kuppapuram and the site. The site is accessible from major locations of Alappuzha via waterways. National Water way III and inland waterways connect the site to nearby towns. Two ferry ports are located near to the site. No approach roads have been proposed for the MPCS.

Demography of Kainakari North Village

. Kainakari North village is one among the worst affected regions during floods as most of the houses and roads remains flooded, detaching the village from nearby towns and access to basic facilities. Kainakari Panchayath has a population of 26862 and

a population density of 733 people per sq.km. The population statistics of Kainakari North village is given below in table 1. Apart from a few concrete housing structures, most of the households are thatched huts or with tiled roof. The houses get flooded to a level of 0.6 to 2m in certain areas during monsoon. Houses alongside the canals are among the worst affected/damaged.

Table [Source: Census, 2011]

Population	Persons
Total	8292
Male	4081
Female	4211
In the age group 0-6 years	893
Scheduled Castes (SC)	774
Scheduled Tribes (ST)	3
Literates	7238
Illiterate	1054
Worker	3554
Non Worker	4738

Legal Clearances

Environmental Clearance

As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sqmt. Since, the built up area of Kainakari North MPCS is only 700 sqmt, project does not necessitate any environmental clearance.

CRZ Clearance

Kainakari North MPCS and approach road is 9 Km from the High Tide Line and is outside Coast Regulation Zone. Hence, the project does not oblige to regulations as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Kainakari North MPCS, clearance as per Forest (Conservation) Act, 1980 is not applicable.

Kerala Conservation of Wetland and paddy act 2008

As per Kerala Conservation of Wetland and paddy act 2008, clearance is mandatory for projects in wetland regions of the state. Since, the site is in notified wetland area, the site attracts clearance from the authority.



1. Aerial map of the site



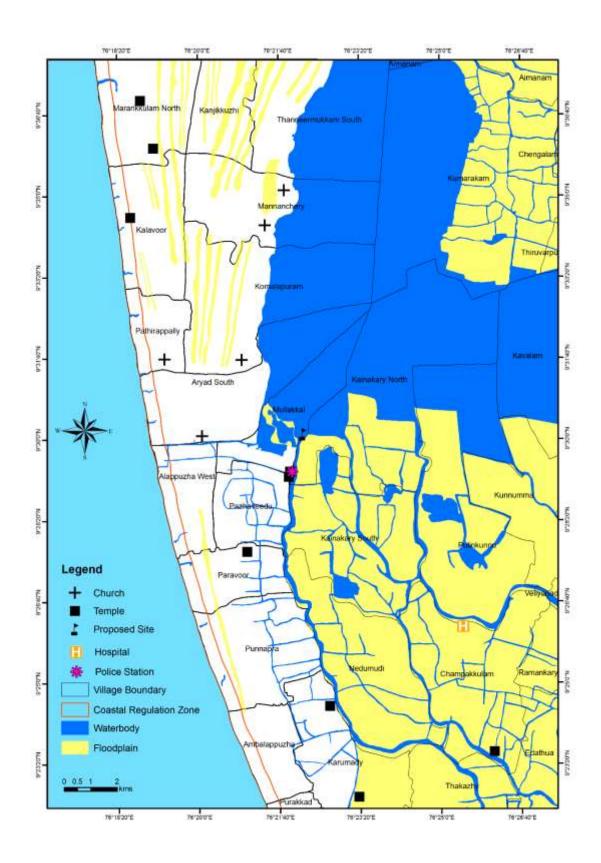
3. Approach roads to the site (Ferry can be seen)



2. View of the site



4. School premises



GIS map of Kainakari North MPCS

PART C: PANCHAYATH RESOLUTION

District	Alappuzha
Village	Kainakari North
Panchayath	Kainkari Gramapanchayath
Place	Kainkari
Date	04.03.2016



Number-A2-1175/16

Ph: 0477-2724235



Kainakary Grama Panchayat Office

Kainakary .P.O Alappuzha

RESOLUTION NO: VI(1)

DATE: 04/03/2016

Kainakary Grama Panchayat agrees and accepts the decision of the State Government vide GO (Rt) no 641/2016/DMD dated 28 th January 2016 to construct a Multi – Purpose Cyclone shelter at Kuppappuram School premises at Survey No-5/65 in Block 7 of Kainakary North Village. The Kainakary Grama Panchayat does not see any adverse environmental and Social consequences in constructing the MPCS at the proposed site.



(Sd) President Kainakary Grama Panchayat



// True Copy //

Summary of the Panchayath meeting decision:

The Panchayath meeting was attended by the following members:

- 1. C. Premji, Junior Superintendent, Collectorate, Alappuzha
- 2. Jayalal Village officer, Kainakary
- 3. Sebastien P J Taluk Survyer, Kuttanad
- 4. Biju S Deputy Tahsildar, Kuttanad
- 5. Amod. M .Das Village Officer, Kainakary North
- 6. Sunil P Pathmanabhan, Member, Kainakary Panchayath
- 7. Sajimol Sajiv Member, Kainakary Panchayath
- 8. Agnas Grigory Member, Kainakary Panchayath
- 9. Tintumol T M Member, Kainakary Panchayath
- 10. Joby Vargheese, Member, Kainakary Panchayath
- 11. K P Rajeev, Welfare Standing committee Chairman, Member, Kainakary Panchayath
- 12. R Vishakhan, PTA President, GHS Kuppapuram
- 13. Jijo Pallikkal, PTA Vise President, GHS Kuppapuram
- 14. Sushama Ajayan, Chairperson
- 15. Sheela K S, Headmistress, GHS Kuppapuram
- 16. Susheela Babu Member, Kainakary Panchayath
- 17. Ayshamma Jeevanandan, Member, Kainakary Panchayath
- 18. Subi Santhosh Health and Education committee Chairperson, Member, Kainakary Panchayath
- 19. Girija Binod, Member, Kainakary Panchayath
- 20. Maya Devi, Member, Kainakary Panchayath
- 21. Sheela V.V, President, Kainakary Panchayath
- 22. Sabu D Secretary, Kainakary Grama Panchayath
- 23. Chinthumol C, Local Community Mobiliser, NCRMP Project, Alappuzha
- Panchayath Level committee regarding construction of Cyclone shelters in the compound of Govt High school Kuppapuram conducted on 04/03/2016 at 10.30 AM presided by Smt Sheela V.V (Gramapanchayath President). The details of Project was described by Sri Premji C (Superintendent, Disaster Management section, Collectorate alappuzha) and Smt Chinthu (Local Community Mobiliser, NCRMP Project, Alappuzha).
- 2. During Monson season, houses and roads in Kainakari North Village remains flooded for several weeks. Schools and community centres are used as relief camps to shelter the vulnerable population. Students lose their academic days during these times.

- The Panchayath were supported the construction of Multipurpose Cyclone shelter in site
 as it will serve the purpose for sheltering large number of affected population during
 flood times.
- 4. The MPCS would act as a common point for distribution of food and relief materials to sheltered people and vulnerable population from nearby villages can also be accommodated if required.
- The committee recommended for including helipad facilities during the construction of Multipurpose Cyclone shelter
- 6. It was agreed that at normal times the MPCS serve as community halls
- 7. The committee agreed that there are no adverse environmental and social consequences in constructing the MPCS at site.
- 8. The committee meeting concluded at 11.30 a.m.
- 9. The decision of Kainkari Panchayath was published through resolution no: VI(1) dated 04/03/2016.

9. District: Kollam

Kollam District

Kollam district is situated on the South west coast of Kerala. The district is bound on the north, north east and south by Alappuzha, Pathanamthitta and Thiruvananthapuram districts respectively. To the east of Kollam is Thiruneliveli district of Tamil Nadu and to the west is Arabian Sea. The Sasthamcotta lake, the only major fresh water lake in the state, is in Kollam District. The district has a coastline of 37.3 km was one of the worst affected districts during Tsunami in 2004.

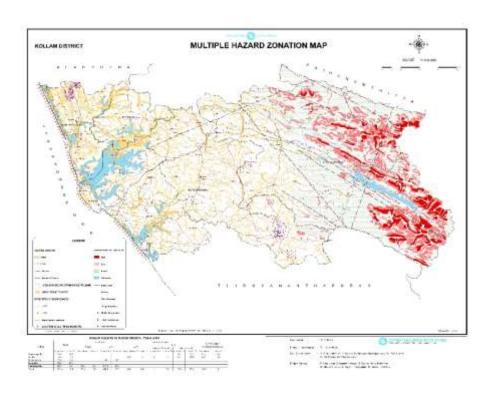
The sites selected for construction of Multipurpose Cyclone shelters in Kasargod District are at Karunagappally Village, Vadakkevila village and Thazhava village of Kasargod District.

Profile of Kollam	
Headquarters	Kollam
Total Population	26,35,375
Male	12,46,968
Female	13,88,407
Population Growth	1.94%
Density/Km2	1061
Number of Taluks	6
Number of Villages	104
Number of Panchayath Wards	70
Forest Area	814.38 Km2
Average Rainfall	2,700 mm
Temperature	Min: 22.4°C
remperature	Max:36°C
Number of major rivers	2
Major Soil	Sandy loams, Laterite soil

Vulnerability Assessment of the District

Two rivers Kallada and Ithikkara flows through this District. The Sasthamcotta lake, the only major fresh water lake in the state is in Kollam District. Banks of Kayamkulam Kayal and Ashtamudi kayal area prone to flooding. The table below details the vulnerability area of the district to various hydro-meteorological hazards.

Taluks in the	Flo	ood	Coastal Erosion				Storm			
district			Low Hig		igh		surge/ Tsunami			
			Without seawall		t	With se	a wall	inunda		
	Area	Area	Length	Length	Length	Length	Length	Length	Area	Area
	km2	%	Km	%	Km	%	Km	%	km2	%
Karunagappally	56.6	31.8	0.9	3.6	1.1	4.5	20.3	85.8	14.7	8.2
Kollam	72.3	18.7	-	-	-	-	17.5	69	16.8	4.4
Kottarakara	75.3	13.6	-	-	-	-	-	-	-	-
Kunnathur	38.5	27.6	-	-	-	-	-	-	-	-
Pathanapuram	40.5	3.3	-	-	-	-	-	-	-	-



1. MPCS AT KARUNAGAPPALLY VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-pr	oject		
Cub Businest id	NCRMP/KER/KLM/ KAR/		
Sub Project id	KARUNAGAPPALLY-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kollam		
Taluk	Karunagappally		
Village	Karunagappally		
Panchayath/Municipal Corporation	Karunagappally Municipa	ality	
Survey Number	Block:10, Survey number	r: 582/11	
Latitude	9° 3' 47.85″N		
Longitude	76° 32' 20.85"E		
Mean Sea Level	9.5 m above MSL		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1314 SQ.M		
Land requirement for the sub project (in Ha or m ²)			
Total Requirement			
s. Private Land	Nil		
t. Government Land	500 SQ.M		
u. Forest Land	Nil		
Existing Land use	A dilapidated building exists in the site		
Approach roads			
Road name	Model Polytechnic College Road		
Existing road	Length: 500m ROW: 5m		
Proposed road	No approach road proposed		
Part B: Ascertaining whether the site is a prob	ibited site		
Part B1: List of sites where sub-projects are prohibited			
Is the sub-project located in whole or within any of	the following	Domarks if and	
environmentally sensitive area?		Remarks if any	

Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	Paddy fields and inland wetlands are found within 1km radius of the site.
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part between the HTL and the LTL?	No	
Is the sub-project located in whole or in part 200 metres from an estuary boundary?	No	
Is the sub-project located in whole or in part 500 meters from flood plain or modified flood plain or by flood control systems of a riverine system?	No	The site is at a distance of 1.4 km from the Stream of Achenkoil river.
Is the sub-project located in whole or in part 500 meters from railway line?	No	The site is 507km from the nearest railway line.
Is the sub-project located in whole or in part within 100 meters from the protected limits of notified archaeological sites or monuments?	No	
Is the sub-project located in whole or in within 1km r	adius of:	
Historic places that are regionally or locally important	No	
Reservoirs/Dams	No	
Religious Places	No	
· ·		

Is the sub-project located in whole or part within the Coastal Regulation Zone?	No	Outside CRZ (4.6km from HTL)			
PART C2: Proximity to Environmentally Sensitive areas:					
Not applicable as the construction area is less than 50	00 SQ.M.				
PART C3: Environmental screening – outcome					
Screening outcome					
Based on the updating of the screening results, the f	ollowing clearances are	required			
CRZ clearance	Not applicable				
Environmental clearance	Not applicable				
Forest clearance	Not applicable				
PART D: Social Screening					
PART D1: Identification of potential social con	cerns				
Part D (2): Result/Outcome of Social Screening	g Exercise				
1. Does the proposed sub-project activity require any land?	Yes				
Private Land	No				
Government Land	Yes	Approximately 500 SQ.M of land under ownership of Education Department.			
Forest Land	No				
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No				
Number of public structures/buildings	No				
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No				
Number of private structures	No				
(located on private or public land)					
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No				
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No				
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which	No				

nearby residents/local population are dependent for fuel wood/grazing etc.?		
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	
Outcome		
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit	

PART B: BRIEF REPORT

Description of Environmental and Social features

The site was earlier used as office of the Kallada Irrigation Project. A total area of 25 cents is available for constructing MPCS, remaining land is proposed for court complex. A dilapidated office building exists in the proposed site which has to be demolished to facilitate construction. The site is at a distance of 470m from National Highway and is also accessible from Model Polytechnic College road. The site is near to Mini Civil Station of Karunagappally and has access to all basic amenities.

The site is located at a distance of 4.6km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden. Wetlands are found within 10km radius of the site.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list]..

Trees will have to be cut down to clear the land for construction. Trees such as teak, Coconut and others are growing in the site. Banana plantation was noticed on the portion of land adjacent to nearby road. These will have to be cut down during site preparation phase.

Approach roads

Model Poly-Technic School road connects the site to National Highway. Upgradation of existing approach road is not proposed.

Demography of Karunagappally Village

According to 2011 Census, the village has 6310 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table[Source: Census, 2011]

Population	Persons
Total	25,336

Male	12,219
Female	13,117
In the age group 0-6 years	2,500
Scheduled Castes (SC)	2,235
Scheduled Tribes (ST)	82
Literates	21,754
Illiterate	3,582
Worker	7,968
Non Worker	17,368

Legal Clearances

Environmental Clearance

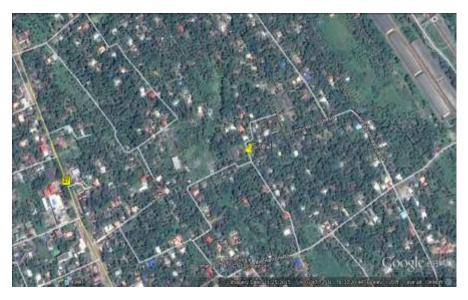
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Karunagappally MPCS is only 1314 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Karunagappally MPCS is 1 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Karaunagapplly MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



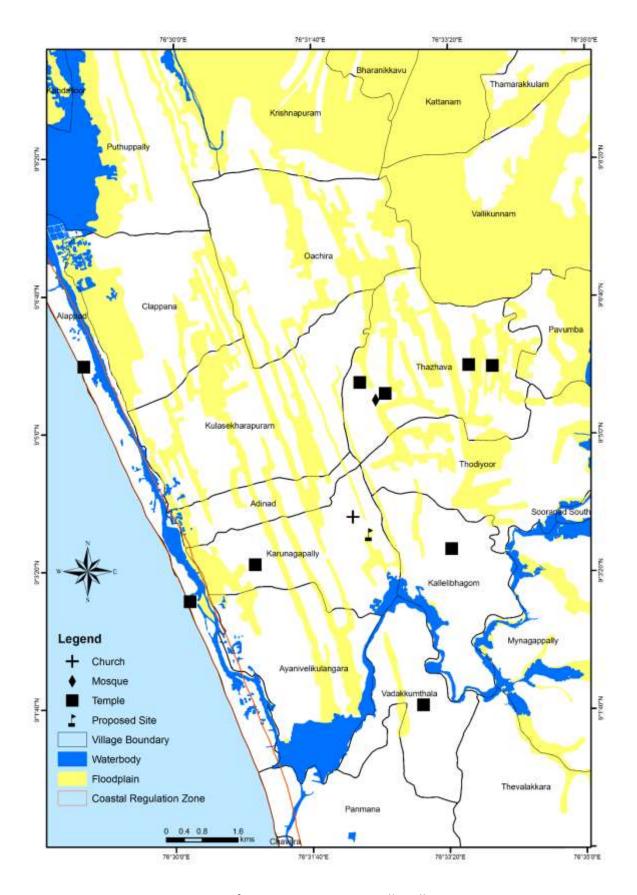
3.Entry to the site



2. View of the site (Dilapidated building in the site a be seen)



4. Approach road to the site



GIS map of MPCS at Karunagappally Village

PART C: PANCHAYATH RESOLUTION

District	Kollam
Village	Karunagappally
Corporation	Karunagappally Municipal Corporation
Place	Karunagappally
Date	30/03/2016

28171/16.

കരുനാഗപ്പള്ളി നഗരസഭ

മുനിസിപ്പൽ സെക്രട്ടറി കരുനാഗപ്പള്ളി നഗരസഭ കരുനാഗപ്പള്ളി പി ഒ

നഗരസഭാകാര്യാലയം കരുനാഗപ്പളളി Ph: 0476 2620243,2627111

E-mail:secknpym07@gmail.com

PW2 - 4074/16

തിയതി: 11.04,2016

സ്വീകർത്താവ് ബഹു.ജില്ലാ കളക്ടർ കളക്ട്രേറ്റ് കൊല്ലം.

> വിഷയം : കരുനാഗപ്പളളി നഗരസഭഎഞ്ചിനീയറിംഗ് വിഭാഗം - "Multipurpose Cyclon Shelter" സ്ഥാപിക്കുന്നതിന് -കൗൺസിൽ തീരുമാനത്തിന്റെ പകർപ്പ്

> > അയക്കുന്നത്-സംബന്ധിച്ച്.

സൂചന : t. 28.01.2016 ലെ G O (Rt) 641/36 DMD നമ്പർ ഗവ.ഉത്തരവ്.

അങ്ങയുടെ 18.02.2016 പ്രൈഎൻ3-52804/11-ാം നമ്പർ കത്ത്.

നഗരസഭാ കൗൺസിലിന്റെ 30.63.2016 മല 5(6)-ാം നമ്പർ തീരുമാനം.

രാൽ വീഷയത്തിലേക്കും മേൽ സൂചനകളിലേക്കും അങ്ങയുടെ ശ്രദ്ധ ക്ഷണിച്ചുകൊള്ളുന്നു.

പുഴലിക്കാറ്റ് രക്ഷാകേന്ദ്രങ്ങൾ (Multipurpose Cyclon Shelter) സ്ഥാപിക്കുന്നതിനുമായി ബന്ധപ്പെട്ട നഗരസഭാ കൗൺസിന്റെ തീരുമാനം മുഭ്യമാക്കണമെന്ന് സൂചന (2) പ്രകാരം നിർവ്വേശം ലൂടിച്ചിട്ടുൺ ആയതുപ്രകാരം നഗരസഭാ കൗൺസിൽ ടി വിഷയം പരിഗണിയ്ക്കുകയും പ്രസ്തുത ഷെൽട്ടർ നഗരസഭയിൽ സ്ഥാപിക്കുന്നതിന് ഗവൺമെന്റിനോട് ശുപാർശ ചെയ്യാൻ സൂചന (3) പ്രകാരം തീരുമാനിച്ചിട്ടുൺ, ടി തീരുമാനത്തിന്റെ പകർപ്പ് ഇതോടൊപ്പം ശേൽനടപടികൾക്കായി അയച്ചുകൊള്ളുന്നു.

> മുനിസിപ്പൽ സെക്രട്ടറി കരുനാഗപ്പള്ളി നഗരസഭ

കരുനാഗപ്പള്ളി നഗരസഭ

30.03,2016 ലെ ബഹു:കൗൺസിലിന്റെ 5(6)-ാം നമ്പർ തീരുമാനം.

പി.ഡബ്ല്യൂ2/4074/16 - ലോകബാങ് സഹായത്തോടെ നടപ്പിലാക്കുന്ന ചുഴലിക്കാറ്റ് രക്ഷാകേന്ദ്രങ്ങൾ സ്ഥാപിക്കുന്ന സ്ഥലങ്ങളിൽ കരുനാഗപ്പളളി വില്ലേജിനെ ഉൾപ്പെടുത്തിയതായും ആയത് സ്ഥാപിക്കുന്നതിന് നഗരസഭയുടെ ഭരണസമിതി തീരുമാനം ലഭ്യമാക്കണമെന്ന് ബഹു, ജില്ലാകളക്ടറുടെ നിർദ്ദേശം ലഭിച്ചിരിക്കുന്നു. ആയത് പരിഗണനയ്ക്കായി.

കുറിപ്പ്:- 28.01.2016 ലെ ജി.ഒ.(ആർ.റ്റി) 641/2016 ഒ.എാ.ഡി, ബഹു. ജില്ലാകളക്ടറുടെ 10.02,2016 ലെ എൻ3-52804/11 നാ കത്ത്.

തിരുമാനം

ടി വിഷയം പെരുമാറ്റചട്ടത്തിന് വിധേയമായി കൗൺസിൽ അംഗീകരിച്ച് തീരുമാനിച്ചു.

(33)

ചെന്നർമാൻ കരുനാഗപ്പള്ളി നഗരസഭ

Summary of the Council meeting decision:

- 13. The Karunagappally Municipal Council met for its session on 30/03/2016 to discuss on the Government's decision to construct Multi propose Cyclone Shelter at Karunagappally Village with and to discuss reference to discuss on the request from the District Collector seeking approval of the Local Self Governing body of Karunagappally in this regard.
- 14. The council in its resolution no 5(6) has agreed to the decision to construct a Multipurpose Cyclone Shelter at Karunagappally Village adhering to the prevailing election code of conduct.

2. MPCS AT THAZHAVA VILLAGE PART A: ESMF CHECKLIST

Part A: General Information about the sub-project				
Sub Project id	NCRMP/KER/ALP/ KAR/THAZHAVA-1			
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Kollam			
Taluk	Karunagappally			
Village	Thazhava			
Panchayath/Municipal Corporation	Thazhava Gramapanchayath			
Survey Number	Block:11, Survey number: 706/5			
Latitude	9° 5' 22.5″N			
Longitude	76° 33' 43.8"E			
Mean Sea Level	15 m above MSL			
Size of the sub-project				
Cyclone Shelter – approx. built up area	1000 SQ.M			
Land requirement for the sub project (in Ha or m ²)				
Total Requirement				
v. Private Land	Nil			
w. Government Land	600 SQ.M			
x. Forest Land	Nil			
Existing Land use	Barren land			
Approach roads				
Road name	The site is accessible from main road (Puthiyakavu-Chakkuvally road) and Panchayath roads. The site is 3.5km east to the National Highway.			
Existing road	50m untarred road of 5m ROW connects the site to the nearby main road			
Proposed road	No approach road proposed			
Boundary wall requirement	No			

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any of environmentally sensitive area?	Remarks if any	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	

Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
metres from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	
meters from flood plain or modified flood plain or		
by flood control systems of a riverine system?		
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	Yes	A pond exists within
		200m from the site
		· · · · · · · · · · · · · · · · · · ·

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (7.7 km
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is less than 1300 SQ.M.

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance	Not applicable	
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

Does the proposed sub-project activity require any land?		Remarks if any
Private Land	No	

Forest Land 2. Does the proposed sub-project activity result in demolition/removal of existing structures?	Yes No No	Approximately 600 SQ.M of land under ownership of Revenue Department.
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	Number of trees:1 Species Artocarpus heterophyllus (Jack fruit tree) within Government land
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-
	Kerala

Description of Environmental and Social features

The site is a barren land within the compound of Village office of Thazhava. The site is accessible from main road (Puthiyakavu-Chakkuvally road) and Panchayath roads. The site is 3.5km east to the National Highway. The site is around 7km from the High Tide Line. The MPCS could be used for various purposes of the District Administration as well as training centres, Conference rooms etc. Railway line is at a distance of 2.5km from the proposed site. Community Health Centre, Panchayath office etc are located close to the proposed site. A pond exists within 200m from the site. The water table level in the region is good and there is no scarcity for water. Private settlements are present near to the site. A Jackfruit tree (Artocarpus heterophyllus) has to be cut down to clear the land for construction.

The site is located at a distance of 7.7 km from coastline and is 1 km away from Biosphere reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas, Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds, Reserved/Protected Forest, Zoological Park, Botanical Garden.

The site is not located within or at a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's Central/State list].

Approach roads

The site is accessible from main road (Puthiyakavu-Chakkuvally road) and Panchayath roads. The site is 3.5km east to the National Highway. Upgradation of existing approach road is not proposed.

Demography of Thazhava Village

According to 2011 Census, the village has 5995 households. The proposed Multipurpose Cyclone Shelter is expected to benefit the Village Population during emergencies. The categories of population in the village are given below in Table.

Table [Source: Census, 2011]

Population	Persons
Total	23,341
Male	10,818
Female	12,523
In the age group 0-6 years	2,339
Scheduled Castes (SC)	1824
Scheduled Tribes (ST)	46
Literates	19,700

Illiterate	3,641
Worker	7,094
Non Worker	16,247

Legal Clearances

Environmental Clearance

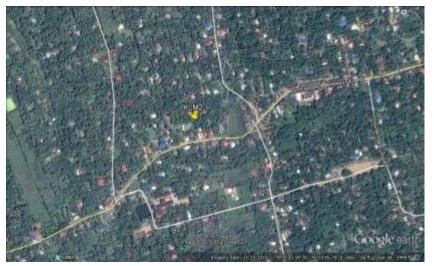
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Thazhava MPCS is only 1000 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Thazhava MPCS is 7.7 km from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Thazhava MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



6. Aerial view of the site



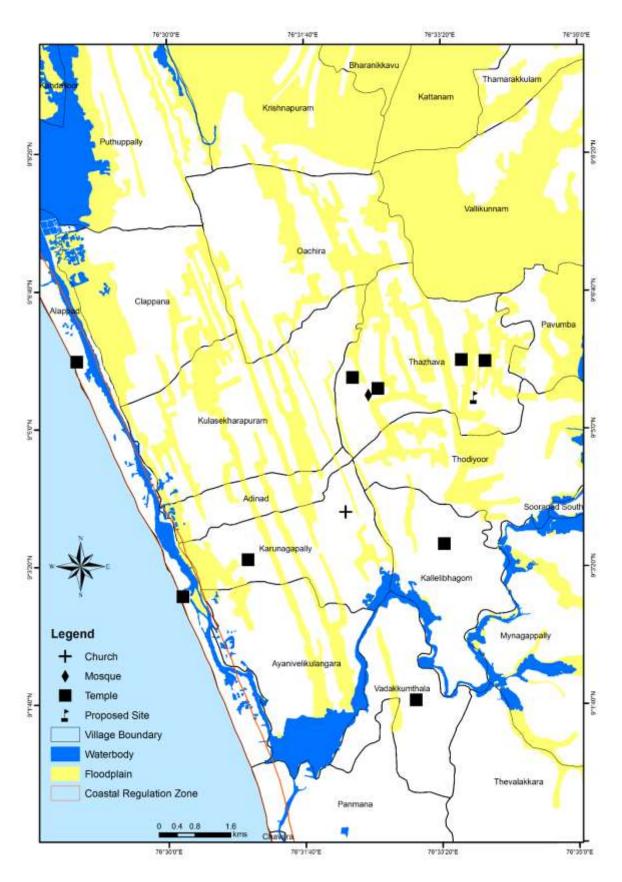
2. View of the site (Village Office building can be seen)



3.Entry to the site



4. View of the site



GIS map of MPCS at Thazhava Village

PART C: PANCHAYATH RESOLUTION

District	Kollam
Village	Karunagappally
Panchayath	Thazhava Gramapanchayath
Place	Kollam
Date	04/03/2016

ത്രാവ ശാവ പഞ്ഞായത്ത് 04 o3 2016 k തീയതി നടന്നു സാധാരണ / അടിയന്തിര മീററിംഗിലെ ... ാം നമ്പർ തീരുമാനം മതാക്കും തിലെ തലങ്ങുടെ 1602 2016ലെ എൻ₃52804 ല mond Brandy amount is the House your 28/1/2016 ou mit and 2 money mont 641/2016/ 2000 m) and on mad 200 and agos 11/02/2016 as more Bond 2000 1/ 2014 D 2014/010/2015 mout Brown 30 Bond Relat wally sited sieves, whent 2 may march 641/2016/ 2010 200 20 mg and and 28/1/2016 (4 show Poromaia) 21 aus and autor my ബെസ് ജോൺ ബെഷൻടർ വവസ്ത്രവങ്ങളിന്റെ ഇടമ്ഷ തുമിൽ തുരുനാവുള്ളി തല്യതിൽ തലുവ വിജേജിൽ Egys 200 mo 11 of Mondey mo 706/15 of and 3 me ത്ത് നിർമ്മിക്കുന്നതിന്റ് ഇപ്പ ശാമ പഞ്ചലത്തിന് massa a sum mas, mid of masses, may way സാബെന്ധമാഭയാ, റണന്തുകാരയുന്നു ജന്ത്തി momano reconsto SI modernamon ejas സ്യാരത്തിന്റ് വരുന്നില്ലായന്താ മതിമിത്ത് ബേര്യമാ ടി വിവരം ബയ: ജില മേജ്യ നേറിചിത്യന്നതിം ഇന് ബേഗം തിരുമാനിച്ചും Number of March

Summary of the Panchayath meeting decision:

- The Panchayath meeting read and discussed on the letter forwarded from Kollam Collector and the Government Order regarding the selection and in principle sanction to construct a Multi purpose Cyclone Shelter (MPCS) at Thazhava Village.
- 2. The Panchayath agreed and accepted the decision of the Government to construct a MPCS at Block no: 11, Survey no: 706/5 of Thazhava Village.
- 3. The Panchayath does not see any adverse environmental or social issues due to construction of the MPCS in this site.
- 4. The Panchayath in its letter no: T4-1345/16 has informed its decision on this regard to District Collector of Kollam.

10. District: Thiruvananthapuram

Thiruvananthapuram District

Thiruvananthapuram is built on seven hills and is located at 8°30′N 76°54′E8.5°N 76.9°E on the west coast, near the southern tip of mainland India. The city is bounded by Arabian sea in the west with a coastline of 78 km and the Western Ghats to its east. The Geological Survey of India has classified Thiruvananthapuram as a moderately earthquake-prone urban centre and categorized it in the Seismic III Zone. Karamana and Killi rivers, Vellayani and Akkulam lakes are the main water bodies in the city. Thiruvananthapuram gets majority of the rain from the southwest monsoons and gets its first showers in early June. It also gets rain from the receding northeast monsoons in October.

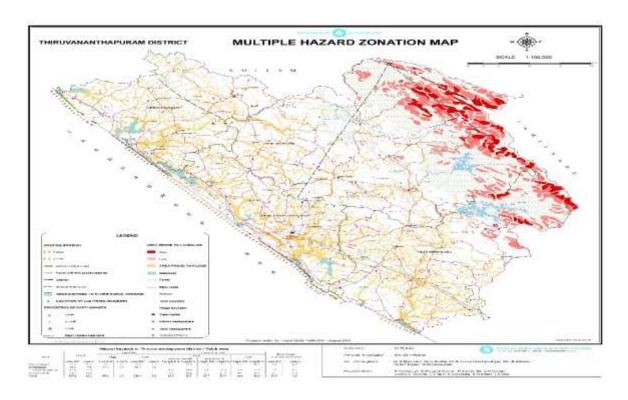
The sites selected for construction of Multipurpose Cyclone shelters in Thiruvananthapuram District is in Muttathara village of Kasargod District.

Profile of Thiruvananthapuram	
Headquarters	Kudapnakkunnu
Total Population	33,07,284
Male	15,84,200
Female	17,23,084
Population Growth	2.7%
Density/Km2	1509
Number of Taluks	6
Number of Villages	121
Number of Panchayath Wards	73
Forest Area	49,861 Km2
Average Rainfall	3,500mm
Temperature	Min: 23°C, Max:38°C
Number of major rivers	4
Major Soil	Fairly rich brown loam of laterite, Sandy loam

Vulnerability Assessment of the District

The banks of Nadayara kayal, Ayirur river, Parvathiputhanar, Ayirur ar, Ayirur ar, Kulamada & Navaikulam, Ithikkara ar, Vilakadu, Neyyar and paddy fields are prone to flooding during monsoon. The table below details the vulnerability area of the district to various hydrometeorological hazards.

Taluks in the district	Flo	od	Coastal Erosion			Storm				
			Low		High			surge/ Tsunami		
					Withou seawall		With se	ea wall		lation
	Area	Area	Length	Length	Length	Length	Length	Length	Area	Area
	km2	%	Km	%	Km	%	Km	%	km2	%
Neyyatinkara	72.6	12.7	8.7	41.5	2.7	12.9	1.5	7.3	4.9	0.9
Nedumangad	68.4	7.4	-	-	-	-	-	-	-	-
Thiruvananthapuaram	65.8	21.3	17.6	57.9	4.3	14.0	8.4	27.6	2.1	0.7
Chirayinkeezh	61.3	15.9	4.5	19.4	4.9	21.2	5.7	24.6	3.4	0.9



Source: National Centre for Earth Science Studies

1. MPCS AT MUTTATHARA VILLAGE

PART A: ESMF CHECKLIST

Part A: General Information about the sub-project

Sub Project id	NCRMP/KER/TVM/THI/MUTTATHARA-1	
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Thiruvananthapuram	
Taluk	Thiruvananthapuram	
Village	Muttathara	
Panchayath/Municipal Corporation	Thiruvananthapuram Corporation	
Survey Number	Survey No: 2798	
Latitude	8°27′48.5″N	
Longitude	76°55′54.2″E	
Mean Sea Level	11 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1300 SQ.M	
Land requirement for the sub project (in Ha or m²)		
Total Requirement		
y. Private Land	Nil	
z. Government Land	700 SQ.M	
aa. Forest Land	Nil	
Existing Land use	Barren land	
Approach roads		
Road name	Sewage farm road	
Existing road	ROW: 12 m	
Proposed road	No approach road proposed	
Boundary wall requirement	No	

Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited

Is the sub-project located in whole or within any environmentally sensitive area?	Remarks if any	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	

Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part 200	No	
meters from an estuary boundary?		
Is the sub-project located in whole or in part 500	No	Parvathy puthan river
meters from flood plain or modified flood plain or		is at a distance of
by flood control systems of a riverine system?		480m to the west of
		the site
Is the sub-project located in whole or in part 500	No	
meters from railway line?		
Is the sub-project located in whole or in part within	No	
100 meters from the protected limits of notified		
archaeological sites or monuments?		
Is the sub-project located in whole or in within 1km i	radius of:	
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	

PART C: Environmental Screening Forms

PART C1: Proximity to Coastal Regulatory Zone:

Is the sub-project located in whole or part within	No	Outside CRZ (500 m
the Coastal Regulation Zone?		from HTL)

PART C2: Proximity to Environmentally Sensitive areas:

Not applicable as the construction area is sub-700 CO M	
Not applicable as the construction area is only 700 SQ.M.	

PART C3: Environmental screening – outcome

Screening outcome

Based on the updating of the screening results, the following clearances are required		
CRZ clearance Not applicable		
Environmental clearance Not applicable		
Forest clearance Not applicable		

PART D: Social Screening

PART D1: Identification of potential social concerns

6. Does the proposed sub-project activity require a	ny land?	Remarks if any
Private Land		

Government Land	Yes	700 SQ.M of land in
		Ownership of
		Revenue
		department
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	No	
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	Coconut trees (Cocos nucifera) and Acacia trees have to be cut down to facilitate construction
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	

Part D (2): Result/Outcome of Social Screening Exercise Outcome

Social Impact Assessment is required	No
Abbreviated RAP is required	No
Full RAP is required	No

Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State
	Project Implementation Unit, NCRMP-Kerala

PART B: BRIEF REPORT

Description of Environmental and Social features

The site is near to densely populated fisherman area in Bheemappally, Valiyatura area.

The site is bordered in north by-road to fishermen area of Valiyathura, in east by Sewage farm

road in south by Sewage farm employee quarters and in west by Private house. The site has

boundary wall and a gate. A transformer is situated near to the gate. A dilapidated vehicle parking

shed and water tank exists in the site. Coconut trees and Acasia needs to be felled for site

clearance. Air force area, Airport, Sewage farm and Sewage treatment plant are all to the north

of the site and within 5km distance from the site. Mosques are at 2km radius of the site. The site

falls in CRZ and is subject to Town Planning regulations existing in Corporation area.

The site is located at a distance of 500 m from coastline and is 1 km away from Biosphere

reserve, National Park, Wildlife/Bird Sanctuary, Tiger or Elephant Reserves, Important Bird areas,

Mangroves Habitat of Migratory birds, Migratory route of Wild Animals/Birds,

Reserved/Protected Forest, Zoological Park, Botanical Garden. The site is not located within or at

a distance of 1km from World Heritage Sites, Archaeological monuments [under ASI's

Central/State list].

The MPCS could be used for holding camps/trainings and other community functions

during normal times.

Approach roads

The site is directly accessible from Valiyathura-Sewage farm road. Upgradation of access

road is not proposed.

Demography of Muttathara Ward OF Thiruvananthapuram Corporation

According to 2011 Census, the village has 1401 households. The proposed Multipurpose

Cyclone Shelter is expected to benefit the vulnerable Population in Muttathara and nearby wars

of the corporation during emergencies. The categories of population in the village are given

below in Table. 1401

Table [Source: Census, 2011]

Population

Persons

225

Total	7,714
Male	3,809
Female	3,905
In the age group 0-6 years	1,152
Scheduled Castes (SC)	205
Scheduled Tribes (ST)	30
Literates	5,606
Illiterate	2,108
Worker	2,173
Non Worker	5,541

Legal Clearances

Environmental Clearance

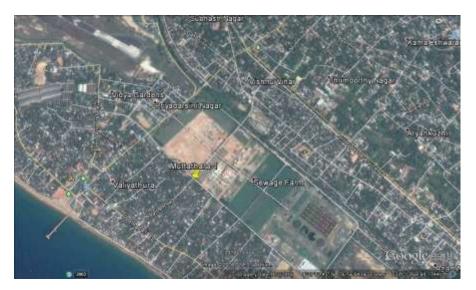
As per EIA notification, 2006 environmental clearance is mandatory for projects with built up area more than 20,000 sq mt. Since, the built up area of Muttathara MPCS is only 1300 sq.mt, project does not necessitate any Environmental clearance.

CRZ Clearance

Muttathara MPCS is 500 m from the High Tide Line and is not within the Coast Regulation Zone. Hence, the project does not require clearance as per CRZ notification, 2011.

Forest Clearance

Since, diversion of forest area or felling of roadside plantation is not required during any phase of construction of Muttathara MPCS clearance as per Forest (Conservation) Act, 1980 is not applicable.



1. Aerial view of the site



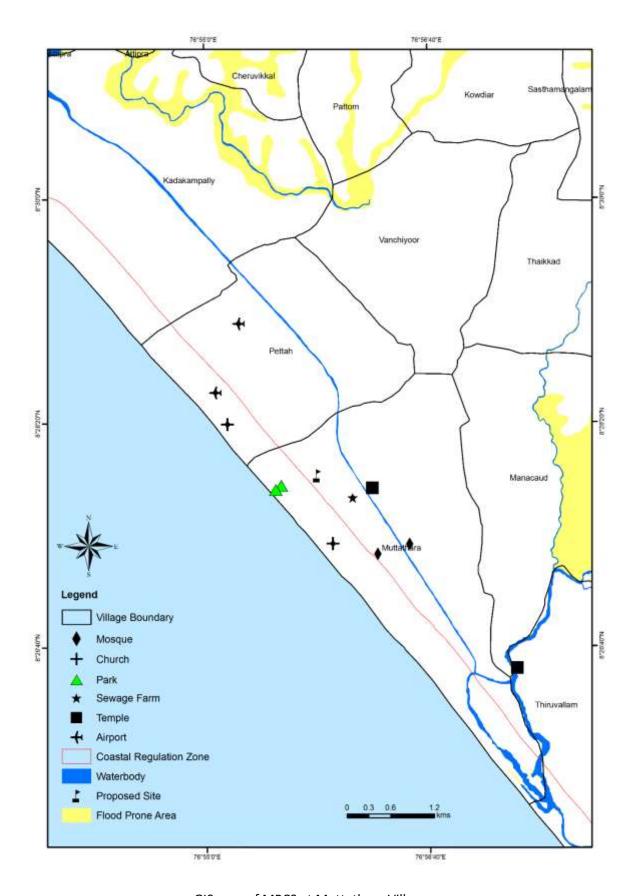
3. View of Access road



2. View of the site from access road



4. Aerial view of the site (Sewage farm premises can be seen)



GIS map of MPCS at Muttathara Village

PART C: PANCHAYATH RESOLUTION

District	Thiruvananthapuram
Village	Muttathara
Corporation	Thiruvananthapuram corporation
Place	Muttathara
Date	-

Note:

Resolution from Thiruvananthapuram Corporation is awaited.

11. ESMF Checklists of sites not selected for the project

1. MPCS Site Location: Governme	ent Lower primary S	chool compound,
Bare, Kasargod		
Part A: General Information about the sub-part	roject	
Sub Project id	NCRMP/KER/KSD/HOS	S/RARE_1
Type of proposed sub-project activity	MPCS	D/ DAILE-I
Location of the sub project activity	1111 65	
State	Kerala	
District	Kasargod	
Taluk	Hosdurg	
Village	Bare	
Panchayath/Municipal Corporation	Bare Gramapanchaya	
Survey Number	Survey number: 210/1	lA .
Latitude	12° 27' 27.2″N	
Longitude	75° 2' 12.7"E	
Mean Sea Level	50 m	
Size of the sub-project	100000	
Cyclone Shelter – approx. built up area	1000 SQ.M	
Land requirement for the sub project (in Ha or m	²)	
Total Requirement	NI:1	
a. Private Land b. Government Land	Nil 1300 SQ.M	
b. Government Land c. Forest Land	Nil	
Existing Land use	Acacia Plantation	
Approach roads	Acacia Fiantation	
Road name	Mangad-Chattanchal	road
Existing road	ROW: 20 m, Unpaved	
Proposed road	No approach road pro	posed.
Boundary wall requirement	No	•
Part B: Ascertaining whether the site is a pro	hibited site	
PART B1: List of sites where sub-projects are	prohibited	
Is the sub-project located in whole or within any of the following Remarks if a		Remarks if any
environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
		_ l

1. MPCS Site Location: Government Lower primary School compound,				
	Bare,	Kasargod		
Is the sub-project located in w	hole or in part	No		The site is located
between the HTL and the LTL?				4km from coastline
Is the sub-project located in w	•	No		
200 metres from an estuary bo	oundary?			
Is the sub-project located in w	•	No		
500 meters from flood plain or				
plain or by flood control system	ms of a riverine			
system?	المرام من المرام	No		
Is the sub-project located in w	noie or in part	No		
500 meters from railway line?		NI -		
Is the sub-project located in w	•	No		
within 100 meters from the pr				
notified archaeological sites or		_		
Is the sub-project located in w	noie or in			
within 1km radius of:	-11 1 11	NI -		
Historic places that are regiona	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	_			
PART C1: Proximity to Coastal				/
Is the sub-project located in	No	0	Outside CRZ (4 km from	
whole or part within the			HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Environ	ımentally Sensiti	ve areas:		
Not applicable as the construc	tion area is less t	han 1300 SQ.M.		
PART C3: Environmental scree	ening – outcome			
Based on the updating of the	screening results	, the following	clearance	es are required
CRZ clearance		Not applicable		cable
Environmental clearance			Not appli	cable
Forest clearance		Not applicable		cable
PART D: Social Screening				
PART D1: Identification of pot	ential social con	cerns		
1. Does the proposed sub-pro			R	emarks if any
Private Land	No			
Government Land	Ye	<u></u>	Approxi	mately 1000 SQ.M
				under ownership of
				on Department.
Forest Land	No	0		•

1. MPCS Site Location	on: Government Lower prin	nary School compound,
	Bare, Kasargod	
2. Does the proposed sub-	No	
project activity result in		
demolition/removal of		
existing structures?		
Number of public	No	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	Acacia Plantation is present
Project activity result in loss		in the site
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome		
Social Impact Assessment is	No	o
required		
Abbreviated RAP is required	No	0
Full RAP is required	No	0
Details of Screening Exercise		
Name	Mary Midhula Maxy	

1. MPCS Site Location: Government Lower primary School compound,	
Bare, Kasargod	
Designation	Environmental and Social Specialist, State Project
	Implementation Unit, NCRMP-Kerala

on: Revenue land, Kan	hangad
b-project	
NCRMP/KER/KSD/ HOS/HOSDURG-1	
MPCS	
Kerala	
Kasargod	
	IA,1A,1A,1A
25 m	
2)	
or m²)	
site	arking sned exists in the
National Highway	
-	
·	posed.
1	
are prohibited hin any of the following	Remarks if any
,	,
	,
No	,
No No	
No No No	
No No No No	
No No No	
No No No No	
No No No No	
No No No No No	
No No No No No No	
No	
No N	
No N	
	NCRMP/KER/KSD/ HO MPCS Kerala Kasargod Hosdurg Hosdurg Kanhangad Municipal Survey number: 204/3 12° 18' 47.2"N 75° 5' 27.5"E 25 m Nil 1000 SQ.M Nil A temporary vehicle p site National Highway - No approach road pro No prohibited site are prohibited

2. MPCS Site Location:	Revenue land, Kanl	nangad
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part	No	
200 metres from an estuary boundary?		
Is the sub-project located in whole or in part	No	
500 meters from flood plain or modified flood		
plain or by flood control systems of a riverine		
system?		
Is the sub-project located in whole or in part	Yes	The site is 280m
500 meters from railway line?		west to the railway
		line
Is the sub-project located in whole or in part	No	
within 100 meters from the protected limits o	f	
notified archaeological sites or monuments?		
Is the sub-project located in whole or in		
within 1km radius of:		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies PART C: Environmental Screening Forms	No	
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part	No	Outside CRZ (1 km from HTL)
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor	No e:	Outside CRZ (1 km from HTL)
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part	No No No	
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone?	No No No ive areas:	
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit	No No No Sive areas: O SQ.M.	
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000	No No No Sive areas: O SQ.M.	from HTL)
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening – outcome	No No No No Sive areas: SQ.M. State of the following clearance in the	from HTL)
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening – outcome Based on the updating of the screening result	No No No No Sive areas: O SQ.M. Sy, the following clearal Not ap	from HTL)
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance	No	from HTL) nces are required plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance	No	nces are required plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening	No	nces are required plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance	No	nces are required plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening PART D1: Identification of potential social con	No	nces are required plicable plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening PART D1: Identification of potential social cor 1.Does the proposed sub-project activity requ	No ive areas: O SQ.M. s, the following clearar Not ap Not ap Not ap ncerns aire any land?	nces are required plicable plicable
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening PART D1: Identification of potential social con 1.Does the proposed sub-project activity requestions.	No ive areas: O SQ.M. es, the following clearar Not ap Not ap Not ap Not ap Incerns Vire any land? No	from HTL) nces are required plicable plicable plicable Remarks if any
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening PART D1: Identification of potential social con 1.Does the proposed sub-project activity requestions.	No ive areas: O SQ.M. es, the following clearar Not ap Not ap Not ap Not ap Incerns Vire any land? No	from HTL) nces are required plicable plicable plicable Approximately 1000
Public water bodies PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zor Is the sub-project located in whole or part within the Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensit Not applicable as the construction area is 1000 PART C3: Environmental screening — outcome Based on the updating of the screening result CRZ clearance Environmental clearance Forest clearance PART D: Social Screening PART D1: Identification of potential social con 1.Does the proposed sub-project activity requestions.	No ive areas: O SQ.M. es, the following clearar Not ap Not ap Not ap Not ap Incerns Vire any land? No	from HTL) nces are required plicable plicable plicable Approximately 1000 SQ.M of land under

2. MPCS Site Location: Revenue land, Kanhangad		
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	Yes	
Number of public structures/buildings	1 (One)	One vehicle parking shed
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	
Part D (2): Result/Outcome of Social Screening Outcome	Exercise	'
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required		No
Details of Screening Exercise		
Name	Mary Midhula Ma	ху
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP- Kerala	

3. MPCS Site Locatio	n: Maicha, Cheruva	ıthur
Part A: General Information about the sub-pro		
Sub Project id	NCRMP/KER/KSD/ HO	S/CHERUVATHUR-1
Type of proposed sub-project activity	MPCS	
Location of the sub project activity	<u>.</u>	
State	Kerala	
District	Kasargod	
Taluk	Hosdurg	
Village	Cheruvathur	
Panchayath/Municipal Corporation	Cheruvathur Gramapa	anchayath
Survey Number	Survey number: 336	
Latitude	12° 13' 59.1"N	
Longitude	7° 59' 38.3"E	
Mean Sea Level	45 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	Nil	
Land requirement for the sub project (in Ha or m ²)		
Total Requirement		
a. Private Land	Nil	
b. Government Land	Area not available	
c. Forest Land	Nil	
Existing Land use	Dilapidated shelters e	xists in the site
Approach roads		
Road name	Veeramalakunnu road	l
Existing road	ROW: 8 m	
Proposed road	No approach road pro	posed
Boundary wall requirement	No	
Part B: Ascertaining whether the site is a proh		
PART B1: List of sites where sub-projects are p		T
Is the sub-project located in whole or within a	ny of the following	Remarks if any
environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
• '		
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		

3. MPCS Site Location	: Maicha, Cherus	vathur
Is the sub-project located in whole or in part	No	
200 metres from an estuary boundary?		
Is the sub-project located in whole or in part	Yes	The site is 360m to
500 meters from flood plain or modified flood		the south of
plain or by flood control systems of a riverine		Thejaswini river
system?		
Is the sub-project located in whole or in part	No	
500 meters from railway line?		
Is the sub-project located in whole or in part	No	
within 100 meters from the protected limits of		
notified archaeological sites or monuments?		
Is the sub-project located in whole or in		
within 1km radius of:		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	
PART C: Environmental Screening Forms		
PART C1: Proximity to Coastal Regulatory Zone		
Is the sub-project located in whole or part	No	Outside CRZ (4 km
within the Coastal Regulation Zone?		from HTL)
PART C2: Proximity to Environmentally Sensitiv		
Not applicable as adequate area is not available	for construction of	MPCS
PART C3: Environmental screening – outcome		
Based on the updating of the screening results,		•
CRZ clearance	Not	applicable
Environmental clearance	Not applicable	
Forest clearance	Not applicable	
PART D: Social Screening		
PART D1: Identification of potential social conc	erns	
Does the proposed sub-project activity	Remarks if any	
require any land?		-
Private Land	No	
riivale Laiiu		
Government Land	Yes	Adequate area is not
	Yes	Adequate area is not available for
	Yes	- I
	Yes	construction of
	Yes	available for
	Yes	available for construction of MPCS as dilapidated

3. MPCS Site Location: Maicha, Cheruvathur				
2. Does the proposed sub-project activity	No			
result in demolition/removal of existing				
structures?				
Number of public structures/buildings	2 (Two)	Two dilapidated		
		structures exists in		
		the site		
Number of common property resources	No			
(such as religious/cultural/ drinking				
water/wells/etc)				
Number of private structures	No			
(located on private or public land)				
3. Does the proposed Project activity result in	No			
loss of crops/trees which is not Government				
property?				
4. Does the proposed Project activity result in	No			
loss of direct livelihood/ employment?				
5. Does the proposed activity result in loss of	No			
mangrove ecosystem/social forest on which				
nearby residents/local population are				
dependent for fuel wood/grazing etc.?				
6. Does the proposed Project activity affect	No			
scheduled tribe/ caste communities?				
Part D (2): Result/Outcome of Social Screening	Exercise			
Outcome	T			
Social Impact Assessment is required		No		
Abbreviated RAP is required		No		
Full RAP is required	No			
Details of Screening Exercise				
Name	Mary Midhula Ma	ху		
Designation		d Social Specialist, State tation Unit, NCRMP-		

4. MPCS Site Location: Government	Upper Primary Sch	nool, Cheruvathur	
Part A: General Information about the sub-pro		•	
Sub Project id	NCRMP/KER/KSD/HO	S/CHERUVATHUR-2	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kasargod		
Taluk	Hosdurg		
Village	Cheruvathur		
Panchayath/Municipal Corporation	Cheruvathur Gramapa	•	
Survey Number	Survey number: 451/5)	
Latitude	12° 12' 35.6"N 75° 9' 13.4"E		
Longitude Mean Sea Level	75° 9 13.4 E		
Size of the sub-project	20111		
· · ·			
Cyclone Shelter – approx. built up area	1		
Land requirement for the sub project (in Ha or m ²)		
Total Requirement	Nil		
a. Private Land	No area available		
b. Government Land c. Forest Land	Nil Nil		
Existing Land use	School building exists	in the cite	
Approach roads	School building exists	iii tile site	
Road name	Cheruvathur-Padne-E	dakkal road	
Existing road	ROW: 10 m	uakkai 10aa	
Proposed road	No approach road proposed		
Boundary wall requirement	No	, posses.	
Part B: Ascertaining whether the site is a proh	ibited site		
PART B1: List of sites where sub-projects are p			
Is the sub-project located in whole or within a		Remarks if any	
environmentally sensitive area?	,	,	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
	No		
Important bird areas			
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		
Is the sub-project located in whole or in part	No		
between the HTL and the LTL?			

4. MPCS Site Location	: Government	Upper Prima	ary Scho	ol, Cheruvathur
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo	oundary?			
Is the sub-project located in w	hole or in part No			The site is 2.4 km
500 meters from flood plain or				from the
plain or by flood control syster	ns of a riverine			backwaters
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	•	No		
within 100 meters from the pr				
notified archaeological sites or				
Is the sub-project located in w within 1km radius of:	hole or in			
Historic places that are regiona	ally or locally	No		
important	any or locally	INO		
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	ning Forms	110		
PART C1: Proximity to Coastal Is the sub-project located in	Regulatory Zone No		Outsido	CP7 / 2 km from
whole or part within the	INO		Outside CRZ (3 km from HTL)	
Coastal Regulation Zone?			,	
PART C2: Proximity to Environmentally Sensitive areas:				
Not applicable as adequate are	ea is not available	for constructi	on	
PART C3: Environmental scree	ening – outcome			
Based on the updating of the	screening results,	the following	clearanc	es are required
CRZ clearance			N	lot applicable
Environmental clearance			Not applicable	
Forest clearance			Not applicable	
PART D: Social Screening PART D1: Identification of pot	ential social conc	orns		
Does the proposed sub-project			R	emarks if any
Private Land	No			emarks if any
Government Land	Yes			te area not available
			for cons	truction of MPCS
Forest Land	No			
2. Does the proposed sub-	No			
project activity result in				
demolition/removal of				
existing structures?				

4. MPCS Site Location	: Government Upper Prima	ary School, Cheruvathur
Number of public	No	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?	N.	
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste communities?		
Part D (2): Result/Outcome of	Cooled Corporating Everyling	
Outcome	Social Screening Exercise	
Social Impact Assessment is	N	0
required		
Abbreviated RAP is required	N	0
Full RAP is required	N	0
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specimplementation Unit, NCRMP-	•
	/	

5. MPCS Site Location: Government	• •	iooi, iveerchai
Part A: General Information about the sub-pro	-	
Sub Project id	NCRMP/KER/KNR/ KA	N/KANNUR-1-3
Type of proposed sub-project activity	MPCS	
Location of the sub project activity	T	
State	Kerala	
District	Kannur	
Taluk	Kannur	
Village	Kannur-1	
Panchayath/Municipal Corporation	Kannur Corporation	
Survey Number	Ward 6, Block 6, Surve	ey number: T.S 327
Latitude	11° 51' 31.5"N	
Longitude	75° 23' 9.8"E	
Mean Sea Level	25 m	
Size of the sub-project	T.,	
Cyclone Shelter – approx. built up area	No area available for o	construction of MPCS
Land requirement for the sub project (in Ha or m ²)		
Total Requirement		
a. Private Land	Nil	
b. Government Land	Less than 400 SQ.M	
c. Forest Land	Nil	
Existing Land use	Barren land, School gr	ound
Approach roads	T	
Road name	Neerchal School road-	· Kannur city road
Existing road	ROW: 6 m	
Proposed road	No approach road pro	posed
Boundary wall requirement	No	
Part B: Ascertaining whether the site is a proh		
PART B1: List of sites where sub-projects are p		T
Is the sub-project located in whole or within a	ny of the following	Remarks if any
environmentally sensitive area?	T	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
	No	
Turtle nesting grounds		
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part between the HTL and the LTL?	No	

5. MPCS Site Location	: Government	Upper Prima	ary Scho	ool, Neerchal
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary boundary?				
Is the sub-project located in w	Is the sub-project located in whole or in part			
500 meters from flood plain or	modified flood			
plain or by flood control syster	ms of a riverine			
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	hole or in part	No		
within 100 meters from the pr				
notified archaeological sites or				
Is the sub-project located in w	hole or in			
within 1km radius of:				
Historic places that are region	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	•			
PART C1: Proximity to Coastal				
Is the sub-project located in	Yes	5	Outside CRZ (300 m from	
whole or part within the			HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Enviror	-			
Not applicable as the construc	•	100 SQ.M.		
PART C3: Environmental scree		Also following		
Based on the updating of the CRZ clearance	screening results	, the following		•
CRZ clearance			Not app	псаріе
Environmental clearance			Not app	licable
Forest clearance			Not app	licable
PART D: Social Screening				
PART D1: Identification of pot		erns	D	- 'C
Does the proposed sub-project require any land?	ct activity		Remarks	s it any
Private Land	No			
Government Land	Yes Appr		Approx	imately 400 SQ.M of
				der ownership of
				on Department.
Forest Land	No	1		
2. Does the proposed sub-	No	1		
project activity result in				
demolition/removal of				
existing structures?				

5. MPCS Site Location	: Government Upper Prima	ary School, Neerchal
Number of public	No	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect	140	
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome	3	
Social Impact Assessment is	N	lo
required		
Abbreviated RAP is required	N	0
Full RAP is required	N	0
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Special Implementation Unit, NCRMP-	

6. MPCS Site Location: Govern	_	dary School,		
	upilangad			
Part A: General Information about the sub-pro				
Sub Project id	NCRMP/KER/KNR/KAN	/MUZHUPILANGAD-1		
Type of proposed sub-project activity	MPCS			
Location of the sub project activity	T			
State	Kerala			
District	Kannur			
Taluk	Kannur			
Village	Muzhupilnagad			
Panchayath/Municipal Corporation	Muzhupilangad Grama	panchayath		
Survey Number	Survey number: 105/9			
Latitude	11° 47' 55.2″N			
Longitude	75° 27' 23.4"E			
Mean Sea Level	35 m			
Size of the sub-project	N			
Cyclone Shelter – approx. built up area	No area available for co	onstruction		
Land requirement for the sub project (in Ha or m²)	T			
Total Requirement				
a. Private Land	Nil			
b. Government Land	No area available for co	onstruction		
c. Forest Land	Nil			
Existing Land use	School ground			
Approach roads	T.,			
Road name	Muzupilnagad road			
Existing road	ROW: 6 m			
Proposed road	No approach road prop	oosed.		
Boundary wall requirement	No			
Part B: Ascertaining whether the site is a proh PART B1: List of sites where sub-projects are p				
Is the sub-project located in whole or within a	ny of the following	Remarks if any		
environmentally sensitive area?	,			
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No			
Notified sensitive eco zone	No			
Is the sub-project located in whole or in part	No			
between the HTL and the LTL?				

6. MPCS Site Location: Government Higher Secondary School,					
Muzhupilangad					
Is the sub-project located in w	hole or in part	No			
200 metres from an estuary bo	oundary?				
Is the sub-project located in w	hole or in part	No			
500 meters from flood plain or	r modified flood				
plain or by flood control syster	ms of a riverine				
system?					
Is the sub-project located in w	hole or in part	No			
500 meters from railway line?					
Is the sub-project located in w	hole or in part	No			
within 100 meters from the pr	otected limits of				
notified archaeological sites or	r monuments?				
Is the sub-project located in w					
within 1km radius of:					
Historic places that are regions	ally or locally	No			
important	, ,				
Reservoirs/Dams		No			
Religious Places		No			
Public water bodies		No			
PART C: Environmental Screen	ning Forms	110			
PART C1: Proximity to Coastal	•	e:			
Is the sub-project located in	No		Outside	e CRZ (1.4 km from	
whole or part within the	140	HTL)		CNZ (1.4 KIII II OIII	
Coastal Regulation Zone?					
PART C2: Proximity to Enviror	ımentally Sensiti	ive areas:			
Not applicable as the construc	•		1		
PART C3: Environmental scree			1.		
Based on the updating of the			clearan	ces are required	
	screening results	s, the following		_	
CRZ clearance			Not app		
Environmental clearance			Not app		
Forest clearance			Not app	ilicable	
PART D: Social Screening					
PART D1: Identification of pot		cerns	D	- · · · · ·	
Does the proposed sub-project	ct activity		Remark	s if any	
require any land?			I		
Private Land	No	0			
Government Land	Yes Approximately 500 SQ.M		imately 500 SQ.M of		
				der ownership of	
				e Department.	
Forest Land	No	0			
2. Does the proposed sub-	No				
project activity result in		<u> </u>			
demolition/removal of					
existing structures?					
CAISTING STRUCTURES:			<u> </u>		

6. MPCS Site Lo	cation: Government Higher Sec	condary School,
	Muzhupilangad	
Number of public	No No	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome		
Social Impact Assessment is	No	
required		
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist Implementation Unit, NCRMP-Kera	•

7. MPCS Site Location	n: Revenue land, Tha	lassery
Part A: General Information about the sub-	-project	-
Sub Project id	NCRMP/KER/KNR/THA	A/THALASSERY-1
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Kannur	
Taluk	Thalassery	
Village	Thalassery	
Panchayath/Municipal Corporation	Thalassery Municipal	Corporation
Survey Number	Ward no: 5, Block 7, T	.S:112
Latitude	11° 45′ 10.2″N	
Longitude	75° 29' 6.6"E	
Mean Sea Level	15 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	No area available for	construction of MPCS
Land requirement for the sub project (in Ha or	m ²)	
Total Requirement		
a. Private Land	Nil	
b. Government Land	No area available for	construction of MPCS
c. Forest Land	Nil	
Existing Land use	Barren land	
Approach roads	Alarea al red	
Road name	National Highway	
Existing road	No approach read	nacad
Proposed road Roundary wall requirement	No approach road pro	iposeu
Boundary wall requirement		
Part B: Ascertaining whether the site is a property of sites where sub-projects as		
PART B1: List of sites where sub-projects at	•	Domeste :f
Is the sub-project located in whole or withi	in any of the following	Remarks if any
environmentally sensitive area?	N.a.	
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
	NI-	
	No	
Estuary with mangroves	No No	
Estuary with mangroves Turtle nesting grounds	No	
Estuary with mangroves Turtle nesting grounds Swamps/mudflats	No No No	

7. MPCS Site Location: Revenue land, Thalassery				
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo	oundary?			
Is the sub-project located in w	hole or in part	No		
500 meters from flood plain or	modified flood			
plain or by flood control syster	ns of a riverine			
system?				
Is the sub-project located in w	hole or in part	No	7	00m east to
500 meters from railway line?			ra	ailway line
Is the sub-project located in w	hole or in part	No		
within 100 meters from the pr	otected limits of			
notified archaeological sites or	monuments?			
Is the sub-project located in w	hole or in			
within 1km radius of:				
Historic places that are regiona	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screer	ning Forms			
PART C1: Proximity to Coastal	Regulatory Zone	e:		
Is the sub-project located in	Ye	es .	Outside CRZ (150 m from	
whole or part within the			HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Environ	-			
Adequate area is not available	for construction	of MPCS		
PART C3: Environmental scree				
Based on the updating of the	screening results	, the following	clearances	are required
CRZ clearance			Yes	
Environmental clearance			Not applica	able
Forest clearance			Not applica	able
PART D: Social Screening				
PART D1: Identification of pot	ential social con	cerns		
1.Does the proposed sub-proj			Re	marks if any
Private Land	N			•
Government Land	_		- Less than 400 SQ.M of	
				ailable for
			construct	
Forest Land	N	0		
2. Does the proposed sub-	ub- No			
project activity result in				
demolition/removal of				
existing structures?				

7. MPCS Site Location: Revenue land, Thalassery	
Number of public	No
structures/buildings	
Number of common	No
property resources	
(such as religious/cultural/	
drinking water/wells/etc)	
Number of private structures	No
(located on private or public	
land)	
3. Does the proposed	No
Project activity result in loss	
of crops/trees which is not	
Government property?	
4. Does the proposed	No
Project activity result in loss	
of direct livelihood/	
employment?	
5. Does the proposed	No
activity result in loss of	
mangrove ecosystem/social	
forest on which nearby	
residents/local population	
are dependent for fuel	
wood/grazing etc.?	
6. Does the proposed	No
Project activity affect	
scheduled tribe/ caste	
communities?	
Part D (2): Result/Outcome of Social Screening Exercise	
Outcome	
Social Impact Assessment is	No
required	
Abbreviated RAP is required	No
Full RAP is required	No
Details of Screening Exercise	
Name	Mary Midhula Maxy
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala

8. MPCS Site Location:	Revenue land, Tha	lassery	
Part A: General Information about the sub-pro	oject	<u>-</u>	
Sub Project id	NCRMP/KER/KNR/THA/THALASSERY-2		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kannur		
Taluk	Thalassery		
Village	Thalassery		
Panchayath/Municipal Corporation	Thalassery Municipal	•	
Survey Number	Ward no 5, Block 10,	T.S 169/1	
Latitude	11° 44′ 57.2″N		
Longitude	75° 29' 9.6"E		
Mean Sea Level	17 m		
Size of the sub-project	T		
Cyclone Shelter – approx. built up area	900 SQ.M		
Land requirement for the sub project (in Ha or m ²)			
Total Requirement			
a. Private Land	Nil		
b. Government Land	500 SQ.M		
c. Forest Land	Nil		
Existing Land use	-		
Approach roads	T		
Road name	National Highway		
Existing road	- N		
Proposed road	No approach road proposed		
Boundary wall requirement	No No		
Part B: Ascertaining whether the site is a proh			
PART B1: List of sites where sub-projects are p		- 1 · · ·	
Is the sub-project located in whole or within a	ny of the following	Remarks if any	
environmentally sensitive area?	T		
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		
Is the sub-project located in whole or in part	No		
between the HTL and the LTL?	INU		
DELWEEN THE HIL AND THE FIL!			

le or in part ndary?	No		
•			
hole or in part No			
odified flood			
of a riverine			
le or in part	No		
•	Yes		Thalassery Kotta is
			within a distance of
			150m from the site
ole or in			
or locally	No		
- F	l No		
_			
gulatory Zone	::		
N/c		\\/ithin	CRZ (200 m from
NO			CNZ (200 III II OIII
		1116	
entally Sensitiv	ve areas:		
-			
•	2000 30.1711		
	. the following	clearanc	es are required
	,		•
		Not appl	icable
	ı	Not appl	icable
tial social sone	corne		
			Remarks if any
	-	<u> </u>	Temarks ir arry
INC	,		
Yes			imately 500 SQ.M of
			der ownership of
		Revenu	ie Department.
No			
No)		
	le or in part le or in part le or in part le or in part lected limits of onuments? le or in r or locally g Forms legulatory Zone No entally Sensitiv n area is only 1 ng — outcome eening results tial social cond activity requi No Ye	le or in part le or in le or in part le or i	le or in part No le or in part Yes lected limits of onuments? le or in or locally No No No No Regulatory Zone: No Within HTL) entally Sensitive areas: n area is only 1000 SQ.M. ng — outcome eening results, the following clearance No Not appl tial social concerns activity require any land? No Yes Approx land un Revenu

8. MPCS Site Location: Revenue land, Thalassery

8. MPCS Site Location: Revenue land, Thalassery				
Number of public	No			
structures/buildings				
Number of common	No			
property resources				
(such as religious/cultural/				
drinking				
water/wells/etc)				
Number of private	No			
structures				
(located on private or public				
land)	No			
3. Does the proposed Project activity result in loss	NO			
of crops/trees which is not				
Government property?				
4. Does the proposed	No			
Project activity result in loss	140			
of direct livelihood/				
employment?				
5. Does the proposed	No			
activity result in loss of				
mangrove ecosystem/social				
forest on which nearby				
residents/local population				
are dependent for fuel				
wood/grazing etc.?				
6. Does the proposed	No			
Project activity affect				
scheduled tribe/ caste				
communities?				
Part D (2): Result/Outcome of Social Screening Exercise Outcome				
Social Impact Assessment is	No			
required				
Abbreviated RAP is required	No			
Full RAP is required	No			
Details of Screening Exercise				
Name	Mary Midhula Maxy			
Designation	Environmental and Social Specialist, State Project			
Implementation Unit, NCRMP-Kerala				

9. MPCS Site Location:	Revenue land, Tha	lassery	
Part A: General Information about the sub-pro	oject		
Sub Project id	NCRMP/KER/KNR/THA/THALASSERY-3		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	_		
State	Kerala		
District	Kannur		
Taluk	Thalassery		
Village	Thalassery		
Panchayath/Municipal Corporation	Thalassery Municipal	•	
Survey Number	Ward no 5, Block 10,	T.S 172/2A	
Latitude	11° 44' 58.4"N		
Longitude	75° 29' 10.7"E		
Mean Sea Level	17 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	900 SQ.M		
Land requirement for the sub project (in Ha or m ²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	500 SQ.M		
c. Forest Land	Nil		
Existing Land use	-		
Approach roads	T		
Road name	National Highway		
Existing road	<u> -</u>		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a proh			
PART B1: List of sites where sub-projects are p		T	
Is the sub-project located in whole or within a	iny of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		
Is the sub-project located in whole or in part	No		
between the HTL and the LTL?			

hole or in part No			
200 metres from an estuary boundary?			
s the sub-project located in whole or in part			
500 meters from flood plain or modified flood			
of a riverine			
ole or in part	No		
ole or in part	Yes	Thalasser	y Kotta is
ected limits of		within a d	istance of
nonuments?		150m fror	n the site
ole or in			
y or locally	No		
	No		
	No		
	No		
ng Forms			
egulatory Zone:			
No		Within CRZ (200 m from	
		HTL)	
_			
-			
•	00 SQ.M.		
reening results, t	the following	clearances are requ	uired
		Yes	
Not applica		Not applicable	
		Not applicable	
ntial social conce	rns		
		Remarks if	anv
	,		,
Yes		' '	
		land under owner	•
		Revenue Departm	ent.
	No		
No			
No No			
	ndary? ple or in part nodified flood s of a riverine ple or in part ple or in part ected limits of nonuments? ple or in y or locally presentally Sensitive on area is only 10 ing – outcome reening results, in notial social concent activity require No	ndary? ple or in part	ndary? ple or in part prodified flood of a riverine ple or in part ple or in prodified flood ple or in ple or in product in

9. MPCS Site Location: Revenue land, Thalassery

Number of public structures/buildings	No		
structures/buildings			
Number of common	No		
property resources			
(such as religious/cultural/			
drinking			
water/wells/etc)			
Number of private	No		
structures			
(located on private or public			
land)			
3. Does the proposed	No		
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?	No.		
6. Does the proposed	No		
Project activity affect			
scheduled tribe/ caste communities?			
Part D (2): Result/Outcome of	Social Sergening Eversion		
Outcome	Social Screening Exercise		
Social Impact Assessment is	No		
required			
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

10.MPCS Site Location: Re	venue land, Azhiko	de South	
Part A: General Information about the sub-pro			
Sub Project id	NCRMP/KER/KNR/KAI	N/AZHIKODE SOUTH-1	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	•		
State	Kerala		
District	Kannur		
Taluk	Kannur		
Village	Azhikode South		
Panchayath/Municipal Corporation	Azhikode Panchayath		
Survey Number	Survey number: 567/3		
Latitude	11° 54′ 26.8″ N		
Longitude	75° 19′ 32.8″E		
Mean Sea Level	17 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	900 SQ.M		
Land requirement for the sub project (in Ha or m ²)	·		
Total Requirement			
a. Private Land	Nil		
b. Government Land	500 SQ.M		
c. Forest Land	Nil		
Existing Land use			
Approach roads	1		
Road name	Meenkunnu Azhikode school road		
Existing road	-		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a proh			
PART B1: List of sites where sub-projects are p			
Is the sub-project located in whole or within a	ny of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		
Is the sub-project located in whole or in part	No		
between the HTL and the LTL?			

		•		
Is the sub-project located in w	hole or in part	No		
00 metres from an estuary boundary?				
the sub-project located in whole or in part		No		
00 meters from flood plain or modified flood				
plain or by flood control syster	ms of a riverine			
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	hole or in part	Yes		
within 100 meters from the pr	otected limits of			
notified archaeological sites or	monuments?			
Is the sub-project located in w	hole or in			
within 1km radius of:				
Historic places that are regiona	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	ning Forms	•		
PART C1: Proximity to Coastal	Regulatory Zone	e:		
Is the sub-project located in	No		Within CRZ (450 m from	
whole or part within the			HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Enviror	mentally Sensiti	ve areas:		
Not applicable as the construc	tion area is only	900 SQ.M.		
PART C3: Environmental scree	ening – outcome			
Based on the updating of the	screening results	, the following	clearand	ces are required
CRZ clearance			Ye	S
Environmental clearance			Not ann	licable
Elivirolillelital clearance			Not app	licable
Forest clearance			Not app	licable
PART D: Social Screening				
PART D1: Identification of pot	ential social con	cerns		
Does the proposed sub-proj				Remarks if any
Private Land	N	-		Kemarks if any
riivate Laiiu	IN			
Government Land	Ye	es .	Approx	kimately 500 SQ.M of
			land ur	nder ownership of
			Reveni	ue Department.
Forest Land	N	0		
2. Does the proposed sub-	N	0		
project activity result in		-		
demolition/removal of				
existing structures?				
Carrier of actal co.			<u> </u>	

10.MPCS Site Location: Revenue land, Azhikode South

10.MPCS Sit	e Location: Revenue land, A	zhikode South	
Number of public	Yes	One dilapidated building	
structures/buildings		has to be demolished to	
		facilitate construction of	
		MPCS	
Number of common	No		
property resources			
(such as religious/cultural/			
drinking water/wells/etc)			
Number of private	No		
structures (located on			
private or public land)			
3. Does the proposed	No		
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	No		
Project activity affect			
scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of Outcome	Social Screening Exercise		
Social Impact Assessment is	No)	
required		•	
Abbreviated RAP is required	No)	
·			
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project		
	Implementation Unit, NCRMP-Kerala		

11.MPCS Site Location: Pancha	ayath land near G.V	'.H.S.S, Payyoli	
Part A: General Information about the sub-pr	oject		
Sub Project id	NCRMP/KER/KSD/ KAS/KUDLU-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	<u>.</u>		
State	Kerala		
District	Kozhikode		
Taluk	Quilandy		
Village	Thikkodi		
Panchayath/Municipal Corporation	Thikkodi Gramapano	chayath	
Survey Number	Survey number: 82/	4C1	
Latitude	11° 3′ 15.6″ N		
Longitude	75° 37′ 32.5″E		
Mean Sea Level	13 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1000 SQ.M		
Land requirement for the sub project (in Ha o	r m²)		
Total Requirement			
d. Private Land	Nil		
e. Government Land	500 SQ.M		
f. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	The site is accessible from National		
Road name	highway		
Existing road	-		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a prob	nibited site		
PART B1: List of sites where sub-projects are	prohibited		
Is the sub-project located in whole or within a	any of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
	i	į	
Swamps/mudflats Notified sensitive eco zone	No		

in part /? in part ied flood riverine in part	No No No		
in part led flood riverine in part in part	No		
in part led flood riverine in part in part	No		
in part ied flood riverine in part in part			
in part			
in part	No		
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llimite of	No		
r in			
ocally	No		
	No		
	:		
<u> </u>		Outside CRZ (1.5 km from	
		HTL)	•
		•	
Coastal Regulation Zone? PART C2: Proximity to Environmentally Sensitive areas:			
ea is ONLY	500 SQ.M.		
outcome			
ng results,	the following	clearanc	ces are required
		Not app	licable
		Not app	licable
		Not applicable	
social conc	erns		
		Remarks	s if any
-			
No			
Yes			mately 500 SQ.M of
			der ownership of
		Education	on Department.
No			
No			
	I limits of ments? r in ocally ocally Illy Sensitive a is ONLY outcome ng results, social concety No Yes	in part No limits of ments? r in No	in part No I limits of ments? r in No

11.MPCS Site Loc	ation: Pancha	ayath land n	near G.V.H.S.S, Payyoli
demolition/removal of			
existing structures?			
Number of public	N	0	
structures/buildings			
Number of common	N	0	
property resources (such as			
religious/cultural/ drinking			
water/wells/etc)			
Number of private	N	0	
structures (located on			
private or public land)			
3. Does the proposed	N	0	
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	N	0	
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	N	0	
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	N	0	
Project activity affect			
scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of	Social Screenin	g Exercise	
Outcome			No
Social Impact Assessment is			No
required			No
Abbreviated RAP is required			No
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula	Maxy	
Designation	Environmental Implementatio	•	ecialist, State Project P-Kerala
-			

12.MPCS Site Location: Corporation land in Nagaram			
Part A: General Information about the sub-	-		
Sub Project id	NCRMP/KER/KZK/K	ZK/NAGARAM-1	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kozhikode		
Taluk	Kozhikode		
Village	Nagaram		
Panchayath/Municipal Corporation	Kozhikode Corporat		
Survey Number	Survey number: T.S	7-12-193	
Latitude	11° 14′ 57.2″ N		
Longitude	75° 46′ 46.7″E		
Mean Sea Level	39 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1000 SQ.M		
Land requirement for the sub project (in Ha	or m ²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	700 SQ.M		
c. Forest Land	Nil		
Existing Land use	Dilapidated building exist in the site		
Approach roads			
Road name	Palayam road		
Existing road	-		
Proposed road	No approach road p	roposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro			
PART B1: List of sites where sub-projects are	•		
Is the sub-project located in whole or within	n any of the following	Remarks if any	
environmentally sensitive area?	1		
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve Wetland	No		
	No		
Important bird areas Coastal area with corals	No No		
	No		
Mangrove area Estuary with mangroves	No No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		
inotineu sensitive eto zone	INO		

12.MPCS Site Loc	ation: Co	orporation land	d in N	agaram
Is the sub-project located in whole o	r in part	No		
between the HTL and the LTL?	en the HTL and the LTL?			
	Is the sub-project located in whole or in part			
200 metres from an estuary boundar	•			
Is the sub-project located in whole o	•	No		
500 meters from flood plain or modi				
	ain or by flood control systems of a riverine			
system?		NI -		
Is the sub-project located in whole o	r in part	No		
500 meters from railway line? Is the sub-project located in whole o	r in nart	No		
within 100 meters from the protecte	•	INO		
notified archaeological sites or monu				
Is the sub-project located in whole of				
within 1km radius of:	,, ,,,			
Historic places that are regionally or	locally	No		
important	,			
Reservoirs/Dams		No		
Religious Places		Yes		Site shares
				boundary wall with
				Mosque
Public water bodies		Yes		A well is located in
				the site
PART C: Environmental Screening Fo		_		
PART C1: Proximity to Coastal Regul Is the sub-project located in whole	atory zone	No	Outci	de CRZ (800 m from
or part within the Coastal		NO	HTL)	de CNZ (800 III II 0III
Regulation Zone?			''''	
PART C2: Proximity to Environmenta	l ally Sensitiv	ve areas:		
Not applicable as the construction ar	-			
PART C3: Environmental screening -	•	2000 04.1111		
Based on the updating of the screen		, the following cl	earan	ces are required
CRZ clearance				licable .
Environmental clearance		N	ot app	licable
Forest clearance				licable
			ссарр	
PART D: Social Screening PART D1: Identification of potential	social cond	erns		
1.Does the proposed sub-project activity require a				Remarks if any
Private Land	,	No		
Government Land	Yes Approximatel		oximately 700 SQ.M	
				nd under ownership
				venue Department.
Forest Land		No		•

12.MPCS Site Loc	ation: Corporation land	d in Nagaram
2. Does the proposed sub-project	No	
activity result in		
demolition/removal of existing		
structures?		
Number of public	No	
structures/buildings		
Number of common property	No	
resources (such as		
religious/cultural/ drinking		
water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project	No	
activity result in loss of		
crops/trees which is not		
Government property?		
4. Does the proposed Project	No	
activity result in loss of direct		
livelihood/ employment?		
5. Does the proposed activity	No	
result in loss of mangrove		
ecosystem/social forest on which		
nearby residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed Project	No	
activity affect scheduled tribe/		
caste communities?		
Part D (2): Result/Outcome of Socia	Screening Exercise	
Outcome		
Social Impact Assessment is	1	No
required		
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise	I	
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project	
	Implementation Unit, NCRMP-Kerala	

13.MPCS Site Location	: Revenue land in Na	agaram	
Part A: General Information about the sub-p			
Sub Project id	NCRMP/KER/KZK/KZK/NAGARAM-2		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	l		
State	Kerala		
District	Kozhikode		
Taluk	Kozhikode		
Village	Nagaram		
Panchayath/Municipal Corporation	Kozhikode Corporat	ion	
Survey Number	Survey number: T.S	14-3-109	
Latitude	11° 14′ 23.1″ N		
Longitude	75° 47′ 7.1″E		
Mean Sea Level	39 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1000 SQ.M		
Land requirement for the sub project (in Ha	or m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	500 SQ.M		
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	Palyam Road		
Existing road	-		
Proposed road	No approach road p	roposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro			
PART B1: List of sites where sub-projects are	•		
Is the sub-project located in whole or within	any of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

13.MPCS Site	Location:	Revenue land in	n Nagaram	
Is the sub-project located in whole	e or in part	No		
between the HTL and the LTL?				
Is the sub-project located in whole	e or in part	No		
200 metres from an estuary boun	dary?			
Is the sub-project located in whole	e or in part	No		
500 meters from flood plain or mo				
plain or by flood control systems of	of a riverine			
system?				
Is the sub-project located in whole	e or in part	Yes	A manned railway	
500 meters from railway line?			crossing and railway	
			line is 80m to the	
			east of the site.	
Is the sub-project located in whole	e or in part	No		
within 100 meters from the prote	•			
notified archaeological sites or mo				
Is the sub-project located in who				
within 1km radius of:				
Historic places that are regionally	or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies	No			
PART C: Environmental Screening Forms				
PART C1: Proximity to Coastal Re	gulatory Zone		0	
Is the sub-project located in		No	Outside CRZ (1 km from	
whole or part within the Coastal			HTL)	
Regulation Zone?				
PART C2: Proximity to Environme	-			
Not applicable as the construction PART C3: Environmental screening	•	1000 3Q.IVI.		
Based on the updating of the screen		the following cle	arances are required	
CRZ clearance	crimg results		t applicable	
			• •	
Environmental clearance		No	t applicable	
Forest clearance	orest clearance Not applicable		t applicable	
PART D: Social Screening				
PART D1: Identification of potential social concerns Does the proposed sub-project activity require any land? Remarks if any			Damania if ann	
Private Land	activity requ	No	Remarks if any	
FIIVALE LAIIU		INO		
Government Land		Yes	Approximately 500 SQ.M	
			of land under ownership	
			of Revenue Department.	

13.MPCS Site	Location: Revenue land in	Nagaram	
		Disparity in ownership	
		details noted in records.	
Forest Land	No		
2. Does the proposed sub-	No		
project activity result in			
demolition/removal of existing			
structures?			
Number of public	No		
structures/buildings			
Number of common property	No		
resources (such as			
religious/cultural/ drinking			
water/wells/etc)			
Number of private structures	No		
(located on private or public			
land)			
3. Does the proposed Project	No	Coconut plantation	
activity result in loss of			
crops/trees which is not			
Government property?			
4. Does the proposed Project	No		
activity result in loss of direct			
livelihood/ employment?			
5. Does the proposed activity	No		
result in loss of mangrove			
ecosystem/social forest on			
which nearby residents/local			
population are dependent for			
fuel wood/grazing etc.?			
6. Does the proposed Project	No		
activity affect scheduled tribe/			
caste communities?			
Part D (2): Result/Outcome of So Outcome	ciai Screening Exercise		
	No		
Social Impact Assessment is required	No		
•	Ma		
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

14.MPCS Site Location	: Revenue land, Be	ypore	
	Part A: General Information about the sub-project		
Sub Project id	NCRMP/KER/KZK/KZK/BEYPORE-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kozhikode		
Taluk	Kozhikode		
Village	Beypore		
Panchayath/Municipal Corporation	Beypore Gramapano	hayath	
Survey Number	Survey number: T.S.:	156	
Latitude	11° 11′ 35.8″ N		
Longitude	75° 47′ 31.3″E		
Mean Sea Level	20 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1500 SQ.M		
Land requirement for the sub project (in Ha o	r m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	900 SQ.M		
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	Beypore road		
Existing road	ROW: 12 m		
Proposed road	No approach road pr	roposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a proh	ibited site		
PART B1: List of sites where sub-projects are p			
Is the sub-project located in whole or within a	ny of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

14.MPCS Site Loc	cation:	Revenue la	nd, Bey	pore
Is the sub-project located in whole or in		-		The site is in close
between the HTL and the LTL?				proximity to the sea
				(around 50m). The
				site clearly falls in
				the non-
				development zone
				of CRZ.
				Of CNZ.
Is the sub-project located in whole or in	part	No		
200 metres from an estuary boundary?				
Is the sub-project located in whole or in	part	No		
500 meters from flood plain or modified	d flood			
plain or by flood control systems of a riv	verine			
system?				
Is the sub-project located in whole or in	part	No		
500 meters from railway line?				
Is the sub-project located in whole or in	part	No		
within 100 meters from the protected li	imits of			
notified archaeological sites or monume				
Is the sub-project located in whole or i	n			
within 1km radius of:				
Historic places that are regionally or loc	ally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screening Form				
PART C1: Proximity to Coastal Regulator	ry Zone		T	
Is the sub-project located in whole or		No	The site	is in close proximity
part within the Coastal Regulation			to the s	ea (around 50m). The
Zone?			site clea	arly falls in the non-
			develop	ment zone of CRZ
PART C2: Proximity to Environmentally	 Sensitiv	/e areas:		
Not applicable as the construction area				
PART C3: Environmental screening – ou	•			
Based on the updating of the screening		the following	clearan	ces are required
CRZ clearance		,	Not app	•
Environmental clearance Not applicable		licable		
Forest clearance Not applicable		licable		
PART D: Social Screening				
PART D1: Identification of potential so				
1.Does the proposed sub-project activi	ty requi	re any land?	F	Remarks if any

14.MPCS Site Location: Revenue land, Beypore			
Private Land	No		
Government Land	Yes	Approximately 500 SQ.M of land under ownership of Revenue Department.	
Forest Land	No	·	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No		
Number of public structures/buildings	No		
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No		
Number of private structures (located on private or public land)	No		
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No		
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No		
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No		
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No		
Part D (2): Result/Outcome of Social	creening Exercise		
Social Impact Assessment is required		No	
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

15.MPCS Site Location: Go	vernment School, Pag	dinjarekkara	
Part A: General Information about the sub-	project		
Sub Project id	NCRMP/KER/MAL/TIR/ PURATHOOR-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Malappuram		
Taluk	Tirur		
Village	Purathoor		
Panchayath/Municipal Corporation	Purathoor Gramapa	nchayath	
Survey Number	Block 37, Survey nui	mber: 232	
Latitude	10° 48′ 34.5″N		
Longitude	75° 54' 32.8"E		
Mean Sea Level	30 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1500 SQ.M		
Land requirement for the sub project (in Ha	a or m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	800 SQ.M		
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads	-		
Road name	Tippu Sulthan Road		
Existing road	12m ROW		
Proposed road	No approach road proposed		
Boundary wall requirement	No	•	
Part B: Ascertaining whether the site is a prepart B1: List of sites where sub-projects are is the sub-project located in whole or within environmentally sensitive area?	re prohibited	Remarks if any	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
	110	1	

No

Notified sensitive eco zone

15.MPCS Site Location: Government School, Padinjarekkara				
Is the sub-project located in whole or in	part	No		
between the HTL and the LTL?				
Is the sub-project located in whole or in	part	No		
200 metres from an estuary boundary?				
Is the sub-project located in whole or in	•	No		
500 meters from flood plain or modified				
plain or by flood control systems of a riv	verine			
system?				a:
Is the sub-project located in whole or in	part	No		Site is 3.6 km from
500 meters from railway line?		No		railway line
Is the sub-project located in whole or in	•	No		
within 100 meters from the protected li notified archaeological sites or monume				
Is the sub-project located in whole or in				
within 1km radius of:	"			
Historic places that are regionally or loc	ızllv	No		
important	arry	140		
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screening Form	ıs	1		<u> </u>
PART C1: Proximity to Coastal Regulato	ory Zone	2:		
Is the sub-project located in whole or		No	Outside CRZ (3 km from	
part within the Coastal Regulation			HTL)	
Zone?				
PART C2: Proximity to Environmentally			4	
Not applicable as the construction area		nan 1500 SQ.IV	1.	
PART C3: Environmental screening – ou		the fellouine		
Based on the updating of the screening	resuits	s, the following		
CRZ clearance			Not applicable	
Environmental clearance			Not applicable	
Forest clearance			Not app	licable
PART D: Social Screening				
PART D1: Identification of potential social concerns				
Does the proposed sub-project activity	<i>,</i> F		Remarks	s if any
require any land?			1	
Private Land		No		
Government Land		Yes		imately 800 SQ.M of
				der ownership of
			Educati	on Department.
Forest Land		No		

15.MPCS Site Location	: Government School, Padinjarekkara	
2. Does the proposed sub-project	No	
activity result in demolition/removal		
of existing structures?		
Number of public structures/buildings	No	
Number of common property	No	
resources (such as religious/cultural/		
drinking water/wells/etc)		
Number of private structures (located	No	
on private or public land)		
3. Does the proposed Project activity	No	
result in loss of crops/trees which is		
not Government property?		
4. Does the proposed Project activity	No	
result in loss of direct livelihood/		
employment?		
5. Does the proposed activity result	No	
in loss of mangrove ecosystem/social		
forest on which nearby		
residents/local population are		
dependent for fuel wood/grazing		
etc.?		
6. Does the proposed Project activity	No	
affect scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of Social So	creening Exercise	
Outcome		
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project	
-	Implementation Unit, NCRMP-Kerala	

16.MPCS Site Location: Gove	rnment Lower Primar	y School, Velliri		
Part A: General Information about the sub-	-project			
Sub Project id	NCRMP/KER/MAL/F NAGARAM-1	PON/PONANNI		
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Malappuram			
Taluk	Ponnani			
Village	Ponnani Nagaram			
Panchayath/Municipal Corporation	Ponnani Municipal C	Corporation		
Survey Number	Survey number: 107	/1, 107/2 B2		
Latitude	10° 47′ 2.0"N			
Longitude	75° 55′ 55.7″E			
Mean Sea Level	36 m			
Size of the sub-project				
Cyclone Shelter – approx. built up area	1200 SQ.M			
Land requirement for the sub project (in Ha	a or m²)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	600 SQ.M			
c. Forest Land	Nil	Nil		
Existing Land use	Dilapidated building	s exists in the site		
Approach roads	<u> </u>			
Road name	Veleeri school road			
Existing road	Length 750 m RC	Length 750 m ROW: 3 m		
Proposed road	No approach road pi	No approach road proposed		
Boundary wall requirement	No			
Part B: Ascertaining whether the site is a p	rohibited site			
PART B1: List of sites where sub-projects a				
Is the sub-project located in whole or with	in any of the following	Remarks if any		
environmentally sensitive area?	,			
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No	The site is 2-3km		
		from Backwaters		
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			

16.MPCS Site Location: Go	overnn	nent Lower F	Primary	School, Velliri
Swamps/mudflats		No		
Notified sensitive eco zone		No		
Is the sub-project located in whole or in	part	No		
between the HTL and the LTL?				
Is the sub-project located in whole or in	part	No		
200 metres from an estuary boundary?				
Is the sub-project located in whole or in	part	No		
500 meters from flood plain or modified	l flood			
plain or by flood control systems of a riv	erine/			
system?				
Is the sub-project located in whole or in	part	No		
500 meters from railway line?				
Is the sub-project located in whole or in	part	No		
within 100 meters from the protected li	mits of			
notified archaeological sites or monume				
Is the sub-project located in whole or in	n			
within 1km radius of:				
Historic places that are regionally or loc	ally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screening Forms				
PART C1: Proximity to Coastal Regulato	ry Zone	:		
Is the sub-project located in whole or		No	Outside	CRZ (1.5 km from
part within the Coastal Regulation		140	HTL)	CN2 (1.3 Km 110 m
Zone?			,	
PART C2: Proximity to Environmentally	Sensitiv	ve areas:		
Not applicable as the construction area			1.	
PART C3: Environmental screening – ou				
Based on the updating of the screening		, the following	clearan	ces are required
CRZ clearance		. · · · · · · · · · · · · · · · · · · ·	Not app	
Environmental clearance	Not applicable		licable	
Forest clearance	Not applicable		licable	
PART D: Social Screening				
PART D1: Identification of potential soc		erns		
Does the proposed sub-project activity			Remarks	s if any
require any land?			r	
Private Land		No		

16.MPCS Site Location: G	overnment Lower F	Primary School, Velliri	
Government Land	Yes	Approximately 600 SQ.M of land under ownership of	
Forest Land	No	Education Department.	
2 Does the proposed sub-project	Yes	Two dilanidated buildings	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	res	Two dilapidated buildings exits in the site which has to be demolished to facilitate construction	
Number of public structures/buildings	No		
Number of common property resources (such as religious/cultural/drinking water/wells/etc)	No		
Number of private structures (located on private or public land)	No		
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No		
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No		
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No		
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No		
Part D (2): Result/Outcome of Social	creening Exercise		
Social Impact Assessment is required		No	
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise	<u> </u>		
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

17.MPCS Site Location: Govern V	ment Fisheries Lower Zeliyankode	Primary School,	
Part A: General Information about the sub-	project		
Sub Project id			
Type of proposed sub-project activity	MPCS	•	
Location of the sub project activity			
State	Kerala		
District	Malappuram		
Taluk	Ponnani		
Village	Veliyankode		
Panchayath/Municipal Corporation	Ponnani Municipal (Corporation	
Survey Number	Survey number: 249	•	
Latitude	10° 43′ 11.5″N		
Longitude	75° 56' 36.6"E		
Mean Sea Level	20 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1500 SQ.M		
Land requirement for the sub project (in Ha	a or m ²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	800 SQ.M		
c. Forest Land	Nil		
Existing Land use	Two dilapidated bui	Two dilapidated buildings exists in the site	
Approach roads	•		
Road name	Padathakayi road		
Existing road	Length 3km Wid	th 12 m	
Proposed road	No approach road p	roposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a prepart B1: List of sites where sub-projects are is the sub-project located in whole or within environmentally sensitive area?	e prohibited	Remarks if any	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
	No		
Estuary with mangroves Turtle pesting grounds	No		
Turtle nesting grounds			
Swamps/mudflats	No		

17.MPCS Site Location: Government Fisheries Lower Primary School, Veliyankode				
Notified sensitive eco zone	VCII	No		
Is the sub-project located in whole or i	n nart	No		
between the HTL and the LTL?	Πραιτ	INO		
Is the sub-project located in whole or i	n nart	No		
200 metres from an estuary boundary?		INO		
Is the sub-project located in whole or i		No		
500 meters from flood plain or modifie	•	INO		•
plain or by flood control systems of a r				
system?	iverine			
Is the sub-project located in whole or i	n nart	No		
500 meters from railway line?	ii part	INO		
Is the sub-project located in whole or i	n nart	No		
within 100 meters from the protected	•	INO		
notified archaeological sites or monum				
Is the sub-project located in whole or within 1km radius of:	111			
Historic places that are regionally or lo	cally	No		
	Cally	INO		
important Recorreirs/Dame		No		
Reservoirs/Dams	No			A massus is leasted
Religious Places		Yes		A mosque is located near to the site
Public water bodies	No			near to the site
		INO		
PART C: Environmental Screening Forr PART C1: Proximity to Coastal Regulat				
Is the sub-project located in whole	Yes Outside CRZ (0.1 km fr		CP7 / O 1 km from	
or part within the Coastal Regulation		163	HTL)	
Zone?			11112)	
PART C2: Proximity to Environmentally Sensitive areas:				
Not applicable as the construction area	_		<u></u>	
PART C3: Environmental screening – o		11a11 1300 3Q.IV	/1.	
Based on the updating of the screening		the following	t cloarane	cos are required
CRZ clearance	gresuits	, the following	Not app	-
CNZ Clearance			иот арр	ilcable
Environmental clearance			Not app	licable
Forest clearance	Not applicable		licable	
PART D: Social Screening				
PART D1: Identification of potential so	ocial con	cerns		
Does the proposed sub-project activit	Does the proposed sub-project activity require any lar		Remark	s if any
Private Land		No		
Government Land		Yes	Approxi	mately 800 SQ.M of
			land un	der ownership of
			Education	on Department.
·				

17.MPCS Site Location: Go	vernment Fisheri	es Lower Primary School,
	Veliyankode	
2. Does the proposed sub-project	Yes	Two dilapidated buildings
activity result in		exists in the site
demolition/removal of existing		
structures?		
Number of public	No	
structures/buildings		
Number of common property	No	
resources (such as religious/cultural/		
drinking water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project	No	
activity result in loss of crops/trees		
which is not Government property?		
4. Does the proposed Project	No	
activity result in loss of direct		
livelihood/ employment?		
5. Does the proposed activity result	No	
in loss of mangrove		
ecosystem/social forest on which		
nearby residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed Project	No	
activity affect scheduled tribe/		
caste communities?		
Part D (2): Result/Outcome of Social S	Screening Exercise	
Outcome	J	
Social Impact Assessment is required		No
Abbreviated RAP is required		No
Full RAP is required	No	
Details of Screening Exercise	<u> </u>	
Name	Mary Midhula Maxy	1
Designation	Environmental and S Implementation Uni	Social Specialist, State Project it, NCRMP-Kerala

18.MPCS Site Location: Revenue l	and near Village Off	fice, Niramaruthur	
Part A: General Information about the sub-pr	oject		
Sub Project id		TIR/NIRAMARUTHUR-	
•	1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	1,, 1		
State	Kerala		
District	Malappuram		
Taluk	Tirur		
Village	Niramaruthur		
Panchayath/Municipal Corporation	-	: 10	
Survey Number	Survey number: 246	o/8	
Latitude	10° 55' 37.3" N		
Longitude	75° 53' 29.9"E		
Mean Sea Level	34 m		
Size of the sub-project	1		
Cyclone Shelter – approx. built up area	No area available fo	r construction	
Land requirement for the sub project (in Ha o	or m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	Less than 300 SQ.M		
c. Forest Land	Nil		
Existing Land use	Village Office Functions in the site		
Approach roads	·		
Road name	Kaladi Unniyal Road		
Existing road	ROW: 6 m		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a prol	nibited site		
PART B1: List of sites where sub-projects are	prohibited		
Is the sub-project located in whole or within	any of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

18.MPCS Site Location: Reven	ue la	nd near Villa	age Offi	ce, Niramaruthur
Is the sub-project located in whole or in p	the sub-project located in whole or in part			
petween the HTL and the LTL?				
Is the sub-project located in whole or in p	oart	No		
200 metres from an estuary boundary?				
Is the sub-project located in whole or in p	art	No		
500 meters from flood plain or modified	flood			
lain or by flood control systems of a riverine				
system?				
Is the sub-project located in whole or in p	oart	No		The site is 2km from
500 meters from railway line?				railway line
Is the sub-project located in whole or in p		No		
within 100 meters from the protected lim				
notified archaeological sites or monumer	nts?			
Is the sub-project located in whole or in				
within 1km radius of:				
Historic places that are regionally or local	lly	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulator			1	
Is the sub-project located in whole or				e CRZ (1 km from
part within the Coastal Regulation			HTL)	
Zone?				
PART C2: Proximity to Environmentally S	Sensitiv	e areas:		
Not applicable as adequate area is not av	ailable	for constructi	on of MF	PCS
PART C3: Environmental screening – out	come			
Based on the updating of the screening i	results,	the following	g clearan	ces are required
CRZ clearance			Not app	licable
Environmental clearance		Not applicable		licable
Forest clearance		Not applicable		licable
PART D: Social Screening				
PART D1: Identification of potential social concerns				
Does the proposed sub-project activity	Remark		Remark	s if any
require any land?			T	
Private Land		No		
Government Land		Yes		an 300SQ.M of land
				ownership of Revenue
			-	ment. Village Office
			functio	ns in the site

18.MPCS Site Location: Revenue land near Village Office, Niramaruthur			
Forest Land	No		
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	-		
Number of public structures/buildings	No		
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No		
Number of private structures (located on private or public land)	No		
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No		
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No		
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No		
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No		
Part D (2): Result/Outcome of Social Screen	eening Exercise		
Social Impact Assessment is required		No	
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy	1	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

n: Village Office, Ve	ettom	
oject		
NCRMP/KER/MAL/	TIR/VETTOM-2	
MPCS		
Kerala		
Malappuram		
Tirur		
Vettom		
Vettom Gramapancl	hayath	
Survey number: 156	/1	
10° 52′ 32.3″ N		
75° 54′ 44 9″E		
34 m		
No area available fo	r construction	
or m²)		
Nil		
Less than 300 SQ.M area is only available		
Nil		
Village Office functions ns in the site		
Tirur-Vettamcheera road		
ROW: 6 m		
No approach road proposed		
No		
	Remarks if any	
any or the following	Remarks if ally	
No		
	Ì	
No		
No No		
	Kerala Malappuram Tirur Vettom Vettom Gramapanch Survey number: 156 10° 52′ 32.3″ N 75° 54′ 44 9″E 34 m No area available for m²) Nil Less than 300 SQ.M Nil Village Office function Tirur-Vettamcheera ROW: 6 m No approach road p	

19.MPCS Site L	ocation	Village Off	fice, Vet	tom
Is the sub-project located in whole or	in part No		-	
between the HTL and the LTL?				
Is the sub-project located in whole or	in part	No		
200 metres from an estuary boundary	,?			
Is the sub-project located in whole or	in part	No		
500 meters from flood plain or modifi				
plain or by flood control systems of a	riverine			
system?				
Is the sub-project located in whole or	in part	No		Site is 2 km from
500 meters from railway line?				the site
Is the sub-project located in whole or	•	No		
within 100 meters from the protected				
notified archaeological sites or monur				
Is the sub-project located in whole or	· in			
within 1km radius of:	a a a llur	N1 -		
Historic places that are regionally or lo	ocally	No		
important Page / Dams		No		
Reservoirs/Dams		No		
Religious Places Public water bodies		No		
		No		
PART C: Environmental Screening For PART C1: Proximity to Coastal Regula		:		
Is the sub-project located in whole		No	Outside	CRZ (2.3 km from
or part within the Coastal Regulation			HTL)	
Zone?			,	
PART C2: Proximity to Environmental	ly Sensitiv	ve areas:		
Not applicable as adequate area is not	t available	for construct	ion.	
PART C3: Environmental screening –	outcome			
Based on the updating of the screening	ng results	, the followinរុ	g clearand	ces are required
CRZ clearance			Not app	licable
Environmental clearance			Not app	licable
Forest clearance			Not app	licable
PART D: Social Screening				
PART D1: Identification of potential s	ocial cond	erns		
1.Does the proposed sub-project acti			F	Remarks if any
Private Land		No		
Government Land		Yes	Less tha	n 300 SQ.M of land
			under o	wnership of Revenue
			Departn	•
Forest Land		No		
2. Does the proposed sub-project		No		
activity result in				

19.MPCS Site L	ocation: Village Office, Vettom		
demolition/removal of existing			
structures?			
Number of public	No		
structures/buildings			
Number of common property	No		
resources			
(such as religious/cultural/ drinking			
water/wells/etc)			
Number of private structures	No		
(located on private or public land)			
3. Does the proposed Project	No		
activity result in loss of crops/trees			
which is not Government property?			
4. Does the proposed Project	No		
activity result in loss of direct			
livelihood/ employment?			
5. Does the proposed activity result	No		
in loss of mangrove			
ecosystem/social forest on which			
nearby residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed Project	No		
activity affect scheduled tribe/			
caste communities?			
Part D (2): Result/Outcome of Social S	Screening Exercise		
Outcome	T		
Social Impact Assessment is required	No		
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise	1		
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

20.MPCS Site Location:	Revenue land, Ko	otayi
Part A: General Information about the sub-project		
Sub Project id	NCRMP/KER/MAL/T	IR/MANGALAM-1
Type of proposed sub-project activity	MPCS	•
Location of the sub project activity	l	
State	Kerala	
District	Malappuram	
Taluk	Tirur	
Village	Mangalam	
Panchayath/Municipal Corporation	Mangalam Gramapar	nchayath
Survey Number	Survey number: 16/6	В
Latitude	10° 51' 5.22" N	
Longitude	75° 53' 52.02"E	
Mean Sea Level	35 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1000 SQ.M	
Land requirement for the sub project (in Ha or	m ²)	
Total Requirement		
a. Private Land	Nil	
b. Government Land	600 SQ.M	
c. Forest Land	Nil	
Existing Land use	Barren land	
Approach roads		
Road name	Tippu Sulthan Road	
Existing road	ROW: 12 m	
Proposed road	No approach road proposed	
Boundary wall requirement	No	
Part B: Ascertaining whether the site is a prohi		
PART B1: List of sites where sub-projects are p	rohibited	1
Is the sub-project located in whole or within		Remarks if any
any of the following environmentally		
sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No No	
Notified sensitive eco zone	No	

Site Location:	Revenue la	and, Kod	otayi
vhole or in part No			-
hole or in part No			
undary?			
nole or in part	No		
modified flood			
ns of a riverine			
nole or in part	No		
•	No		
hole or in			
illy or locally	No		
	No		
Yes		Within CRZ (0.9 m from HTL)	
montally Sonsitiv	ne areas:		
-			
	1411 000 34.141	•	
	the following	clearan	res are required
	, the ronouni	-	•
	Not applicable		licable
		Not app	
		Not app	licable
			licable
ential social conc	erns		licable
ential social conc		Not app	licable
		Not app	licable
ect activity requi	re any land?	Not app	licable licable Remarks if any mately 500 SQ.M of
ect activity requi	re any land?	Not app F Approxiland und	licable licable Remarks if any mately 500 SQ.M of der ownership of
ect activity requi	re any land?	Not app F Approxiland und	licable licable Remarks if any mately 500 SQ.M of
ect activity requi No Yes	re any land?	Not app F Approxiland und	licable licable Remarks if any mately 500 SQ.M of der ownership of
	nole or in part nole or in part nundary? nole or in part modified flood ns of a riverine nole or in part nole or in part nole or in part nole or in part otected limits of monuments? hole or in ally or locally ing Forms Regulatory Zone Yes mentally Sensitive cion area is less the ning – outcome	nole or in part nole or in part nole or i	mole or in part No modified flood ns of a riverine nole or in part No mole or in No mole or in No

20.MPC	Site Location: Revenue la	and, Kootayi
demolition/removal of		•
existing structures?		
Number of public	No	
structures/buildings		
Number of common	No	
property resources (such as		
religious/cultural/ drinking		
water/wells/etc)		
Number of private	No	
structures (located on		
private or public land)		
3. Does the proposed	Yes	Coconut plantation
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome		
Social Impact Assessment is	<u> </u>	No
required		
Abbreviated RAP is required	ľ	No
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Spe Implementation Unit, NCRMP	•

21.MPCS Site Location	n: Tsunami Shelter, Po	onnani	
Part A: General Information about the sub-			
Sub Project id	NCRMP/KER/MAL/P NAGARAM-2	ON/PONNANI	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	1		
State	Kerala		
District	Malappuram		
Taluk	Ponnani		
Village	Ponnani Nagaram		
Panchayath/Municipal Corporation	Ponnani Municipal C	orporation	
Survey Number	Survey number: 1/14	•	
Latitude	12° 32' 25.9"N		
Longitude	74° 59' 38.3"E		
Mean Sea Level	50 m		
Size of the sub-project	1		
Cyclone Shelter – approx. built up area	No area available for	construction	
Land requirement for the sub project (in Ha	or m ²)		
Total Requirement	,		
a. Private Land	Nil		
b. Government Land	1300 SQ.M		
c. Forest Land	Nil		
Existing Land use	Tsunami Disaster She site	Tsunami Disaster Shelter functions in the site	
Approach roads			
Road name	Hillarpalli road		
Existing road	Length 600m RO	W 8 m	
Proposed road	No approach road pr	oposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a property B1: List of sites where sub-projects are			
Is the sub-project located in whole or within	•	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats			

21.MPCS Site Location:	Tsunami Shelter, P	onnani
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part	No	
between the HTL and the LTL?		
Is the sub-project located in whole or in part	No	
200 metres from an estuary boundary?		
Is the sub-project located in whole or in part	No	
500 meters from flood plain or modified flood		
plain or by flood control systems of a riverine		
system?		
Is the sub-project located in whole or in part	No	
500 meters from railway line?		
Is the sub-project located in whole or in part	No	
within 100 meters from the protected limits of		
notified archaeological sites or monuments?		
Is the sub-project located in whole or in		
within 1km radius of:		
Historic places that are regionally or locally	No	
important		
Reservoirs/Dams	No	
Religious Places	No	
Public water bodies	No	
PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zone	2 :	
Is the sub-project located in whole or part	Yes	Within CRZ (0.15 m
within the Coastal Regulation Zone?		from HTL)
PART C2: Proximity to Environmentally Sensiti	ve areas:	
Not applicable as adequate area is not available	e for construction	
PART C3: Environmental screening – outcome		
Based on the updating of the screening results	, the following clearar	nces are required
CRZ clearance	Not ap	plicable
Environmental clearance	Not ap	plicable
Forest clearance	Not ap	plicable
PART D: Social Screening		
PART D1: Identification of potential social con	cerns	
Does the proposed sub-project activity		Remarks if any
require any land?		
Private Land	No	
Government Land	Yes	Tsunami disaster
		shelter functions in
		the site.
Forest Land	No	
2. Does the proposed sub-project activity	No	
result in demolition/removal of existing		
structures?		

21.MPCS Site Location:	Tsunami Shelter, Ponnani	
Number of public structures/buildings	No	
Number of common property resources	No	
(such as religious/cultural/ drinking		
water/wells/etc)		
Number of private structures (located on	No	
private or public land)		
3. Does the proposed Project activity result	Yes	
in loss of crops/trees which is not		
Government property?		
4. Does the proposed Project activity result	No	
in loss of direct livelihood/ employment?		
5. Does the proposed activity result in loss	No	
of mangrove ecosystem/social forest on		
which nearby residents/local population		
are dependent for fuel wood/grazing etc.?		
6. Does the proposed Project activity affect	No	
scheduled tribe/ caste communities?		
Part D (2): Result/Outcome of Social Screening	g Exercise	
Outcome		
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise	-	
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State	
	Project Implementation Unit, NCRMP-Kera	la

22.MPCS Site Location	n: Kadappuram, Thi	rissur
Part A: General Information about the sub-pr		
Sub Project id	_	HVD/KADAPPURAM-2
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Thrissur	
Taluk	Thrissur	
Village	Kadappuram	
Panchayath/Municipal Corporation	Kadappuram Grama	panchayath
Survey Number	Survey number: 116	
Latitude	10° 32' 11.5"N	
Longitude	76° 1' 39.1"E	
Mean Sea Level	20 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1800 SQ.M	
Land requirement for the sub project (in Ha o	or m²)	
Total Requirement	,	
a. Private Land	Nil	
b. Government Land	1000 SQ.M	
c. Forest Land	Nil	
Existing Land use	Dilapidated shelters	
Approach roads		
Road name	Monnamkallu-Anjangadi road	
Existing road	ROW: 9 m	
Proposed road	No approach road proposed	
Boundary wall requirement	No	
Part B: Ascertaining whether the site is a pro	hibited site	
PART B1: List of sites where sub-projects are	prohibited	
Is the sub-project located in whole or within	any of the following	Remarks if any
environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	

22.MPCS Site Loc	ation	Kadappuram, Th	nrissur
Is the sub-project located in whole or in p	p-project located in whole or in part		
petween the HTL and the LTL?			
Is the sub-project located in whole or in part		No	
200 metres from an estuary boundary?			
Is the sub-project located in whole or in p		No	
500 meters from flood plain or modified			
plain or by flood control systems of a rive	rine		
system?		Na	
Is the sub-project located in whole or in p 500 meters from railway line?	oart	No	
Is the sub-project located in whole or in p	art	No	
within 100 meters from the protected lim		INO	
notified archaeological sites or monumer			
Is the sub-project located in whole or in	103;		
within 1km radius of:			
Historic places that are regionally or local	lly	No	
important	•		
Reservoirs/Dams		No	
Religious Places		No	
Public water bodies		No	
PART C: Environmental Screening Forms PART C1: Proximity to Coastal Regulatory Zone:			
Is the sub-project located in whole or		Yes	Site is at a distance
part within the Coastal Regulation			of 350m from HTL
Zone?			
PART C2: Proximity to Environmentally Sensitive areas:			
Not applicable as the construction area is	less th	an 1000 SQ.M.	
PART C3: Environmental screening – out	come		
Based on the updating of the screening r	results,	the following clear	ances are required
CRZ clearance			Yes
Environmental clearance			Not applicable
Forest clearance	Forest clearance		Not applicable
•	PART D: Social Screening PART D1: Identification of potential social concerns		
Does the proposed sub-project activity r	equire	any land?	Remarks if any
Private Land		No	
Government Land		Yes	Approximately 1000
			SQ.M of land under
			ownership of
			Revenue
			Department.

22.MPCS Site Loc	cation: Kadappuram, Th	nrissur
Forest Land	No	
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No	
Number of public structures/buildings	2 (Two)	Two dilapidated shelters exists in the site which has to be demolished to facilitate construction.
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	
Part D (2): Result/Outcome of Social Screen	eening Exercise	
Social Impact Assessment is required	No)
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise	1	
Name	Mary Midhula Maxy	
Designation	Environmental and Social Implementation Unit, NCF	•

23.MPCS Site Location: Eriyad, Kodungalloor		
Part A: General Information about the sub-p		
Sub Project id	NCRMP/KER/TSR/KO	DD/ERIYAD-1
Type of proposed sub-project activity	MPCS	•
Location of the sub project activity		
State	Kerala	
District	Thrissur	
Taluk	Kodungalloor	
Village	Eriyad	
Panchayath/Municipal Corporation	Eriyad Gramapanch	ayath
Survey Number	Survey number: 670)/1
Latitude	10°11'19.90"N	
Longitude	76° 9'38.40"E	
Mean Sea Level	20 m	
Size of the sub-project		
Cyclone Shelter – approx. built up area	No area available fo	r construction
Land requirement for the sub project (in Ha	or m²)	
Total Requirement		
a. Private Land	Nil	
b. Government Land	No area available fo	r construction
c. Forest Land	Nil	
Existing Land use	Shelter functions in the site	
Approach roads		
Road name	Puthenpalli-Munakkal beach road	
Existing road	ROW: 4 m	
Proposed road	No approach road proposed	
Boundary wall requirement	No	
Part B: Ascertaining whether the site is a pro	hibited site	
PART B1: List of sites where sub-projects are	prohibited	
Is the sub-project located in whole or within	any of the following	Remarks if any
environmentally sensitive area?		
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	

23.MPC	S Site Location	ı: Eriyad, Kodunga	lloor
Is the sub-project located in w		No	
between the HTL and the LTL?	•		
Is the sub-project located in w			
200 metres from an estuary bo	=		
Is the sub-project located in w		No	
500 meters from flood plain or		110	
plain or by flood control syster			
system?			
Is the sub-project located in w	hole or in part	No	
500 meters from railway line?			
Is the sub-project located in w	hole or in part	No	
within 100 meters from the pr	•	110	
notified archaeological sites or			
Is the sub-project located in w			
within 1km radius of:	more or in		
Historic places that are regiona	ally or locally	No	
important	any or locally	IVO	
Reservoirs/Dams		No	
Religious Places		No	
Public water bodies		No	
	ing Forms	INO	
PART C: Environmental Screer PART C1: Proximity to Coastal	_		
Is the sub-project located in	1	· Yes	Site is at a distance of
whole or part within the	TC3		0.80 km from HTL
Coastal Regulation Zone?			0.00 KIII II OIII II IL
	nmentally Sensitive areas:		
No area available for construct			ning in the cite
PART C3: Environmental scree		iter is already fulletic	ining in the site
		the following clears	nces are required
Based on the updating of the screening results, the following clearances are required CRZ clearance Yes		•	
CNZ Clearance			
Environmental clearance		Not ap	pplicable
Forest clearance		Not ap	plicable
PART D: Social Screening			
PART D1: Identification of pot	ential social conc	erns	
-	posed sub-project activity require any land?		Remarks if any
Private Land		No	•
Caracasas		W	NI
Government Land	Yes		No area avaible for
			construction as a
			shelter is already
	function in the site		runction in the site
Forest Land	No		
2. Does the proposed sub-		-	A shelter is already
project activity result in			function in the site

23.MPCS Site Location: Eriyad, Kodungalloor		
demolition/removal of		
existing structures?		
Number of public	No	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome		
Social Impact Assessment is	No	
required		
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise	ı	
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala	

24.MPCS Site Location: Fisheries School, Vadanapally, Thrissur			
Part A: General Information about the sub-p	oroject		
Sub Project id	NCRMP/KER/TSR/CI	HVD/VADANAPALLY-1	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Thrissur		
Taluk	Chavakkad		
Village	Vadanappally		
Panchayath/Municipal Corporation	Vadanappally Gram		
Survey Number	Survey number: 152	2/1B	
Latitude	10°27'51.3"N		
Longitude	76° 4'10.3"E		
Mean Sea Level	30 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	-		
Land requirement for the sub project (in Ha	or m ²)		
Total Requirement			
d. Private Land	Nil		
e. Government Land	Less than 500 SQ.M		
f. Forest Land	Nil		
Existing Land use	School ground		
Approach roads			
Road name	Vadanappally beach road		
Existing road	Length 2.5 km and 4m ROW		
Proposed road	No approach road p	roposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a property B1: List of sites where sub-projects are	prohibited	_	
Is the sub-project located in whole or within environmentally sensitive area?		Remarks if any	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

24.MPCS Site Location: Fisheries School, Vadanapally, Thrissur			
Is the sub-project located in whole or in part between the HTL and the LTL?	No		
Is the sub-project located in whole or in part	No		
200 metres from an estuary boundary?	140		
Is the sub-project located in whole or in part	No		
500 meters from flood plain or modified flood	140		
plain or by flood control systems of a riverine			
system?			
Is the sub-project located in whole or in part	No		
500 meters from railway line?			
Is the sub-project located in whole or in part	No		
within 100 meters from the protected limits of			
notified archaeological sites or monuments?			
Is the sub-project located in whole or in			
within 1km radius of:			
Historic places that are regionally or locally	No		
important			
Reservoirs/Dams	No		
Religious Places	No		
Public water bodies	No		
PART C: Environmental Screening Forms			
PART C1: Proximity to Coastal Regulatory Zone:			
Is the sub-project located in whole or part	Yes	Within CRZ (0.64 km	
within the Coastal Regulation Zone?		from HTL)	
PART C2: Proximity to Environmentally Sensitive			
Not applicable as the construction area is less th	an 1300 SQ.M.		
PART C3: Environmental screening – outcome			
Based on the updating of the screening results,			
CRZ clearance		'es	
Environmental clearance	Not ap	pplicable	
Forest clearance	Not applicable		
PART D: Social Screening			
PART D1: Identification of potential social concerns 1.Does the proposed sub-project activity require any land? Remarks if any			
Private Land	No	Remarks if any	
Tilvate Land	110		
Government Land	-	Less than 500 SQ.M	
		of land is only	
		available. The school	
		will lose Playground	
		area	
Forest Land	No		

24.MPCS Site Location: Fisheries School, Vadanapally, Thrissur			
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No		
Number of public structures/buildings	No		
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No		
Number of private structures (located on private or public land)	No		
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No		
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No		
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No		
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No		
Part D (2): Result/Outcome of Social Screening Outcome	Exercise		
Social Impact Assessment is required		No	
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise	L		
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP- Kerala		

25.MPCS Site Location: TRP Shelter, Kadappuram, Thrissur			
Part A: General Information about the sub-pro			
Sub Project id		HVD/KADAPPURAM-3	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	1		
State	Kerala		
District	Thrissur		
Taluk	Chavakkad		
Village	Kadappuram		
Panchayath/Municipal Corporation	Kadappuram Grama	panchayath	
Survey Number	Survey number: 86/2	2	
Latitude	10° 33' 20.0' N		
Longitude	76° 01' 16.9"E		
Mean Sea Level	21 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area			
Land requirement for the sub project (in Ha o	r m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	No area available for	construction of MPCS	
c. Forest Land	Nil		
Existing Land use	TRP Shelter exists in the site		
Approach roads	1		
Road name	Tsunami Light House road o		
Existing road	1km length and 10m ROW		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro-	ibited site		
PART B1: List of sites where sub-projects are p	orohibited		
Is the sub-project located in whole or within a	ny of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

25.MPCS Site I	Location: TRP S	helter, Kada	ppuran	n, Thrissur
Is the sub-project located in w	s the sub-project located in whole or in part			
between the HTL and the LTL?	-			
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo				
Is the sub-project located in w	hole or in part	No		
500 meters from flood plain or	modified flood			
plain or by flood control system	ms of a riverine			
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	hole or in part	No		
within 100 meters from the pr	otected limits of			
notified archaeological sites or	monuments?			
Is the sub-project located in w	hole or in			
within 1km radius of:				
Historic places that are regions	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	ning Forms			
PART C1: Proximity to Coastal	Regulatory Zone	:		
Is the sub-project located in	No		Outside CRZ (0.5 km from	
whole or part within the			HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Enviror				
No area available for construct		lt TRP shelter e	exists in t	he site.
PART C3: Environmental scree	_			
Based on the updating of the	screening results	, the following		-
CRZ clearance			Not applicable	
Environmental clearance			Not applicable	
Forest clearance		Not applicable		licable
PART D: Social Screening				
PART D1: Identification of pot	ential social cond	erns		
Does the proposed sub-project activity Remarks if any require any land?		s if any		
Private Land	No			
Government Land	Yes	,	No area	a available for
Government Land	les	•		ction as a shelter
				exists in the site.
Forest Land	No		Judy	
2. Does the proposed sub-	No			
• •	110			

25.MPCS Site I	Location: TRP Shelter, Kada	ppuram, Thrissur
demolition/removal of		· ·
existing structures?		
Number of public	-	
structures/buildings		
Number of common	No	
property resources		
(such as religious/cultural/		
drinking		
water/wells/etc)		
Number of private	No	
structures		
(located on private or public		
land)		
3. Does the proposed	No	
Project activity result in loss	5	
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		
scheduled tribe/ caste		
communities?		
Part D (2): Result/Outcome of	Social Screening Exercise	
Outcome		
Social Impact Assessment is	No	o
required		
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala	

26.MPCS Site Location: Edakazhiyoor, Thrissur			
Part A: General Information about the sub-p			
Sub Project id NCRMP/KER/TSR/ CHVD/EDAKAZHIYOOR-1			
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Thrissur		
Taluk	Chavakkad		
Village	Edakazhiyoor		
Panchayath/Municipal Corporation	Edakazhiyoor Gramapanchayath		
Survey Number	Survey number: 132/1		
Latitude	10° 37' 16.4"N		
Longitude	75° 59' 46.8" E		
Mean Sea Level	22 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	Less than 500 SQ.M		
Land requirement for the sub project (in Ha	or m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	Less than 500 SQ.M		
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	National Highway		
Existing road	The site is directly accessible from NH		
Proposed road	No approach road proposed		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro	phibited site		
PART B1: List of sites where sub-projects are	prohibited		
Is the sub-project located in whole or within	any of the following Remarks if any		
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

26.MPCS Site Location: Edakazhiyoor, Thrissur			
Is the sub-project located in w	hole or in part	No	
between the HTL and the LTL?			
Is the sub-project located in w	hole or in part	No	
200 metres from an estuary bo	•		
Is the sub-project located in w	•	No	
500 meters from flood plain or			
flood plain or by flood control	systems of a		
riverine system?			
Is the sub-project located in w	hole or in part	No	
500 meters from railway line?	la a la caracter de la caracter	NI-	
Is the sub-project located in w	•	No	
within 100 meters from the pr			
of notified archaeological sites monuments?	O		
Is the sub-project located in w	thole or in		
within 1km radius of:	Allole of ill		
Historic places that are regiona	ally or locally	No	
important	,,		
Reservoirs/Dams		No	
Religious Places		No	
Public water bodies		No	
PART C: Environmental Screen	ning Forms		
PART C1: Proximity to Coastal	Regulatory Zon	e:	
Is the sub-project located in w	hole or part	No	Outside CRZ (1.3 km
within the Coastal Regulation 2	n Zone?		from HTL)
PART C2: Proximity to Enviror	mentally Sensit	ive areas:	
Less than 500 SQ.M land is onl	·		nstruction MPCS.
PART C3: Environmental scree			
Based on the updating of the	screening result		•
CRZ clearance		Not ap	oplicable
Environmental clearance		Not ap	oplicable
Forest clearance		Not ap	oplicable
PART D: Social Screening	1		
PART D1: Identification of pot	ential social con	cerns	
Does the proposed sub-p	roject activity re	equire any land?	Remarks if any
Private Land		No	
Government Land		Yes	Approximately 500
			SQ.M of land under
			ownership of Revenue
			Department.
Forest Land		No	
2. Does the proposed sub-		No	
project activity result in			

26.MPCS Site Location: Edakazhiyoor, Thrissur			
demolition/removal of			
existing structures?			
Number of public	No		
structures/buildings			
Number of common	No		
property resources			
(such as religious/cultural/			
drinking			
water/wells/etc)			
Number of private	No		
structures			
(located on private or public			
land)			
3. Does the proposed	No		
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	No		
Project activity affect			
scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of	Social Screening Exercise		
Outcome			
Social Impact Assessment is	No		
required			
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise	ı		
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

27.MPCS Site Location: School ground, Edavanakad			
Part A: General Information about the sub-	project		
Sub Project id	NCRMP/KER/EKM/KO	C/ EDAVANAKKAD-1	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Ernakulam		
Taluk	Kochi		
Village	Edavanakkad		
Panchayath/Municipal Corporation	Edavanakkad Grama	panchayath	
Survey Number	Survey number: 237/1	(B4)	
Latitude	10° 05′ 03.6″N		
Longitude	76° 12′ 35.3″E		
Mean Sea Level	15 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area			
Land requirement for the sub project (in Ha	or m ²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	No area available fo	r construction	
c. Forest Land	Nil		
Existing Land use	School ground		
Approach roads			
Road name	Panchayath roads		
Existing road	ROW: 6 m		
Proposed road	No approach road p	roposed.	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro	ohibited site		
PART B1: List of sites where sub-projects are	e prohibited		
Is the sub-project located in whole or within	n any of the following	Remarks if any	
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

27.MPCS Site Location: School ground, Edavanakad				
Is the sub-project located in w	hole or in part	No	-	
between the HTL and the LTL?	•			
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo				
Is the sub-project located in w	•	No		
500 meters from flood plain or	•			
plain or by flood control system				
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?	•			
Is the sub-project located in w	hole or in part	No		
within 100 meters from the pr	•			
notified archaeological sites or				
Is the sub-project located in w				
within 1km radius of:	J			
Historic places that are regiona	ally or locally	No		
important	,,			
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screen	ning Forms	110		
PART C1: Proximity to Coastal	_) <u>•</u>		
Is the sub-project located in	No		Outside	e CRZ (4 km from
whole or part within the			HTL)	. CN2 (4 KM 11 OM
Coastal Regulation Zone?			,	
PART C2: Proximity to Environmentally Sensitive areas:				
Adequate area for construction of MPCS is not available				
PART C3: Environmental scree		avanabie		
Based on the updating of the		the following	clearan	res are required
CRZ clearance	sercening results	, the following	Not applicable	
Environmental clearance			Not applicable Not applicable	
Forest clearance				
PART D: Social Screening	Not applicable		ilcabic	
PART D1: Identification of pot	ential social cond	erns		
Does the proposed sub-project			Remarks	s if any
require any land?	c activity		Meillai K.	o ii aiiy
Private Land	No			
Trivate Land	110			
Government Land	-			er in good working
				on exists in the site
				nce there is no need
			for cons	struction of MPCS
Forest Land	No			
2. Does the proposed sub-	No	1		
project activity result in				

27.MPCS Si	ite Location: School ground	, Edavanakad	
demolition/removal of		-	
existing structures?			
Number of public	-	A shelter in good working	
structures/buildings		condition exists in the area	
		demarcated for MPCS.	
Number of common	No		
property resources			
(such as religious/cultural/			
drinking			
water/wells/etc)			
Number of private	No		
structures			
(located on private or public			
land)			
3. Does the proposed	No		
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	No		
Project activity affect			
scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of	Social Screening Exercise		
Outcome			
Social Impact Assessment is	N	0	
required	<u> </u>		
Abbreviated RAP is required	No No		
Full RAP is required	N	0	
Details of Screening Exercise	Barra Batalla I. Ba		
Name	Mary Midhula Maxy		
Designation	Environmental and Social Spec	ialist, State Project	
	Implementation Unit, NCRMP-Kerala		

28.MPCS Site Location	Chavara, Kol	lam		
Part A: General Information about the sub-pro	ject			
Sub Project id	NCRMP/KER/KI	M/KAR/CHAVARA-1		
Type of proposed sub-project activity	MPCS			
Location of the sub project activity	1			
State	Kerala			
District	Kollam			
Taluk	Kasrunagappall	У		
Village	Chavara			
Panchayath/Municipal Corporation	Chavara Grama	panchayath		
Survey Number	Block: 19, Surve	ey number: 392/1		
Latitude	8° 59′ 2.3″ N			
Longitude	76° 32′ 5.6″ E			
Mean Sea Level	20 m			
Size of the sub-project				
Cyclone Shelter – approx. built up area	Adequate area construction of	is not available for		
Land requirement for the sub project (in Ha or	L.	65		
Total Requirement				
a. Private Land	Nil			
b. Government Land	Less than 500 S	iO.M		
c. Forest Land	Nil			
Existing Land use	Barren land			
Approach roads				
Road name	National Highway			
Existing road	-			
Proposed road	No approach ro	pad proposed		
Boundary wall requirement	No	<u> </u>		
Part B: Ascertaining whether the site is a prohi	bited site			
PART B1: List of sites where sub-projects are p				
Is the sub-project located in whole or within		Remarks if any		
any of the following environmentally		-		
sensitive area?				
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No	Water logged area		

28.MPCS Site Loc	cation:	Chavara, Kol	lam
Notified sensitive eco zone		No	
Is the sub-project located in whole or in part		No	
between the HTL and the LTL?			
Is the sub-project located in whole or in	part	No	
200 metres from an estuary boundary?			
Is the sub-project located in whole or in	part	No	
500 meters from flood plain or modified			
plain or by flood control systems of a riv	erine		
system?			
Is the sub-project located in whole or in	part	No	
500 meters from railway line?			
Is the sub-project located in whole or in	-	No	
within 100 meters from the protected lin			
notified archaeological sites or monume			
Is the sub-project located in whole or in	1		
within 1km radius of:			
Historic places that are regionally or loca	ally	No	
important			
Reservoirs/Dams		No	
Religious Places		No	
Public water bodies PART C: Environmental Screening Form		No	
PART C1: Proximity to Coastal Regulato Is the sub-project located in whole or		: No	Outside CRZ (1 km
part within the Coastal Regulation			from HTL)
Zone?			,
PART C2: Proximity to Environmentally	Sensitiv	e areas:	L
Not applicable as adequate area is not a	vailable	for construction	of MPCS
PART C3: Environmental screening – ou	tcome		
Based on the updating of the screening	results,	the following cl	earances are
required			
CRZ clearance	Z clearance Not applicable		pplicable
Environmental clearance	clearance Not applicable		pplicable
Forest clearance	Not applicable		
PART D: Social Screening			
PART D1: Identification of potential soc	ial conc	erns	
Does the proposed sub-project activi	ty requi	re any land?	Remarks if any
Private Land		No	
Government Land		Yes	Less than 400
			SQ.M of area is
1			
			only avaible for

28.MPCS Site Location: Chavara, Kollam				
Forest Land	No			
2. Does the proposed sub-project activity result in demolition/removal of existing structures?	No			
Number of public structures/buildings	No			
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No			
Number of private structures (located on private or public land)	No			
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No			
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No			
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No			
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No			
Part D (2): Result/Outcome of Social	reening Exercise			
Social Impact Assessment is required	No			
Abbreviated RAP is required	No			
Full RAP is required	No			
Details of Screening Exercise				
Name	Mary Midhula Maxy			
Designation	Environmental and Social Project Implementation Kerala	•		

23. Wil Co Site Location. Nevel	nue land, Chavara, k	Kollam	
Part A: General Information about the sub-pr	roject		
Sub Project id	NCRMP/KER/KLM/KAI	R/CHAVRA-2	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kollam		
Taluk	Kasrunagappally		
Village	Chavara		
Panchayath/Municipal Corporation	Chavara Gramapano	hayath	
Survey Number	Block: 19, Survey numb	er: 103/15	
Latitude	8° 58′ 39.8″N		
Longitude	76° 32′ 4.2″E		
Mean Sea Level	25 m		
Size of the sub-project	.		
Cyclone Shelter – approx. built up area	Exact boundary of site	e is not known	
Land requirement for the sub project (in Ha or m	2)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	Exact boundary of site	e is not known	
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	National Highway		
Existing road	-		
Proposed road	No approach road pro	posed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pro			
PART B1: List of sites where sub-projects are	•		
Is the sub-project located in whole or within	any of the following	Remarks if	
environmentally sensitive area?	.	any	
Biosphere reserve	No		
בוסטףווכוכ וכטכו עכ			
	No		
National Park	No No		
National Park Wildlife/Bird sanctuary			
National Park Wildlife/Bird sanctuary Game reserve	No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve	No No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland	No No No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas	No No No No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals	No No No No No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area	No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area Estuary with mangroves	No		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area Estuary with mangroves Turtle nesting grounds	No N		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area Estuary with mangroves Turtle nesting grounds Swamps/mudflats	No N		
National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area Estuary with mangroves Turtle nesting grounds	No N		

29. MPCS Site Location: Revenue land, Chavara, Kollam				
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo				
Is the sub-project located in w	hole or in part	No		
500 meters from flood plain or	modified flood			
plain or by flood control syster	ms of a riverine			
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	•	No		
within 100 meters from the pr				
notified archaeological sites or				
Is the sub-project located in w	hole or in			
within 1km radius of:				
Historic places that are regiona	ally or locally	No		
important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screer PART C1: Proximity to Coastal	•	: :		
Is the sub-project located in	N	No	Outside CRZ (1	
whole or part within the			km from HTL)	
Coastal Regulation Zone?				
PART C2: Proximity to Environ	•	ve areas:		
Exact boundary of site is know				
PART C3: Environmental scree	-			
Based on the updating of the sequired	screening results	, the following cle	arances are	
CRZ clearance		Not app	olicable	
Environmental clearance		Not app	olicable	
Forest clearance		Not app	olicable	
PART D: Social Screening PART D1: Identification of potential social concerns				
Does the proposed sub-pro	oject activity requ	uire any land?	Remarks if any	
Private Land	ľ	No		
Government Land		-	Exact boundary of site is not known	
Forest Land	N	No		
2. Does the proposed sub- project activity result in	<u> </u>	No		
project detivity result in	<u> </u>		1	

29. MPCS Site Location: Revenue land, Chavara, Kollam			
demolition/removal of		•	
existing structures?			
Number of public	No		
structures/buildings			
Number of common	No		
property resources			
(such as religious/cultural/			
drinking water/wells/etc)			
Number of private	No		
structures (located on			
private or public land)			
3. Does the proposed	No		
Project activity result in loss	_		
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	No		
Project activity affect			
scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of	Social Screening Exercise		
Outcome			
Social Impact Assessment is	No		
required			
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialis Implementation Unit, NCRMP-Kera	•	

30. MPCS Site Location: Sakthikulangara, Kollam					
Part A: General Information about th	Part A: General Information about the sub-project				
Sub Project id	NCRMP/KER/K	SD/ KAS/KUDLU-1			
Type of proposed sub-project activity	MPCS				
Location of the sub project activity	•				
State	Kerala				
District	Kasargod				
Taluk	Kollam				
Village	Sakthikulangai	ra			
Panchayath/Municipal Corporation	Kollam Corpor	ation			
Survey Number	Block 1, Survey	y number: 1/1, 2			
Latitude	8° 55′ 53.69″N				
Longitude	76° 32′ 24.94″	E			
Mean Sea Level	10 m				
Size of the sub-project					
Cyclone Shelter – approx. built up	Less than 400	SQ.M of land is only available			
area	for construction	on			
Land requirement for the sub project	t (in Ha or m²)				
Total Requirement					
g. Private Land	Nil				
h. Government Land	400 SQ.M				
i. Forest Land	Nil				
Existing Land use	Barren land				
Approach roads	1				
Road name	Sakthikulanagi	ra Port Road			
Existing road	-				
Proposed road	No approach r	oad proposed			
Boundary wall requirement	No				
Part B: Ascertaining whether the site		site			
PART B1: List of sites where sub-proj	•				
Is the sub-project located in whole o	•	Remarks if any			
the following environmentally sensit	-	,			
Biosphere reserve	No				
National Park	No				
Wildlife/Bird sanctuary	No				
Game reserve	No				
Tiger reserve/elephant reserve	No				
Wetland	No				
Important bird areas	No				
Coastal area with corals	No				
Mangrove area	No				
Estuary with mangroves	No				
Turtle nesting grounds	No				
Swamps/mudflats					
Swamps/mudflats	No				

30. MPCS Site Location: Sakthikulangara, Kollam				
Notified sensitive eco zone	No			
Is the sub-project located in whole	Yes	100m from the HTL and is		
or in part between the HTL and the		bound by sea wall on the		
LTL?		west side and has the		
		breakwater to its north. The		
		site is in inundation area		
Is the sub-project located in whole	No			
or in part 200 metres from an				
estuary boundary?				
Is the sub-project located in whole	_			
or in part 500 meters from flood				
plain or modified flood plain or by				
flood control systems of a riverine				
system?				
Is the sub-project located in whole	No			
or in part 500 meters from railway	140			
line?				
Is the sub-project located in whole	No			
or in part within 100 meters from	140			
the protected limits of notified				
archaeological sites or monuments?				
Is the sub-project located in whole				
or in within 1km radius of:				
Historic places that are regionally or	No			
locally important	140			
Reservoirs/Dams	No			
Religious Places	No			
Public water bodies	No			
PART C: Environmental Screening For		I		
PART C1: Proximity to Coastal Regula				
Is the sub-project located in whole	Yes	The site is 100m from the		
or part within the Coastal Regulation		HTL and is bound by sea wall		
Zone?		on the west side and has the		
20.10.		breakwater to its north.		
PART C2: Proximity to Environmental	lv Sensitive			
Not applicable as adequate area is not	-			
PART C3: Environmental screening – o				
Based on the updating of the screening		ne following clearances are		
required		· ·		
CRZ clearance	Not applicable			
Environmental clearance	Not applicable			
Forest clearance		Not applicable		
PART D: Social Screening	1			

any land? Private Land Sovernment Land Corest Land Description De	30. MPCS Site Loca	tion: Sakthik	ulangara, Kollam		
any land? Private Land Sovernment Land Corest Land Description De	PART D1: Identification of potential s	ocial concerns			
Private Land Government Land Less than 400 SQ.M land is only available for construction Procest Land Does the proposed sub-project land lemolition/removal of existing structures? Number of public land less are ligious/cultural/drinking water/wells/etc) Number of private structures lactivity result in loss of crops/trees which is not Government property? Does the proposed Project lactivity result in loss of direct ivelihood/employment? Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? Does the proposed Project lactivity affect scheduled tribe/caste communities? Part D (2): Result/Outcome of Social Screening Exercise					
Government Land - Less than 400 SQ.M land is only available for construction - Corest Land - No - Does the proposed sub-project activity result in demolition/removal of existing structures? Number of public No - Structures/buildings Number of common property Resources Such as religious/cultural/ drinking water/wells/etc) Number of private structures No No - Cocated on private or public land) - No - Cocativity result in loss of crops/trees which is not Government property? - Does the proposed Project - Cocativity result in loss of direct ivelihood/ employment? - Does the proposed activity result n loss of mangrove - Cocosystem/social forest on which - In loss of mangrove - Cocosystem/social forest on which - Company the proposed Project - Company the proposed Pr	-	T			
land is only available for construction Forest Land No Does the proposed sub-project activity result in demolition/removal of existing structures? Number of public No structures/buildings Number of common property resources such as religious/cultural/ drinking water/wells/etc) Number of private structures No located on private or public land) Does the proposed Project Activity result in loss of crops/trees which is not Government property? Does the proposed Project No activity result in loss of direct ivelihood/ employment? Does the proposed activity result n loss of mangrove accosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? Does the proposed Project No activity affect scheduled tribe/ caste communities?	Private Land	No			
for construction Forest Land Positivity result in demolition/removal of existing structures? Number of public No desources Such as religious/cultural/ drinking water/wells/etc) Number of private structures No located on private or public land) B. Does the proposed Project of scitivity result in loss of crops/trees which is not Government property? B. Does the proposed Project of scitivity result in loss of direct ivelihood/ employment? B. Does the proposed activity result in loss of mangrove ecosystem/social forest on which mearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project No cativity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	Government Land	-	Less than 400 SQ.M of		
Rorest Land Ro. Does the proposed sub-project activity result in demolition/removal of existing attructures? Number of public Number of common property Rosources Such as religious/cultural/ drinking avater/wells/etc) Number of private structures No located on private or public land) Rosoes the proposed Project Rosotivity result in loss of crops/trees which is not Government property? Rosoes the proposed Project Rosources Such as religious/cultural/ drinking avater/wells/etc) No located on private or public land) Rosoes the proposed Project Rosoes the proposed Project Rosoes the proposed Project Rosources Roso			land is only available		
2. Does the proposed sub-project activity result in demolition/removal of existing structures? No demolition demolition demolition demolition/removal of existing structures demolition demolitical demolition demolition demolition demolition demolition demolities dem			for construction		
activity result in demolition/removal of existing structures? Number of public No	Forest Land	No			
demolition/removal of existing structures? Number of public structures/buildings Number of common property resources such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project activity result in loss of crops/trees which is not Government property? B. Does the proposed Project activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project activity affect scheduled tribe/ caste communities?	2. Does the proposed sub-project	No			
Attructures? Number of public Attructures/buildings Number of common property Resources Such as religious/cultural/ drinking Water/wells/etc) Number of private structures No Nocational control of private or public land) B. Does the proposed Project A. Does the proposed Project No Activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result In loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project No Activity affect scheduled tribe/ caste communities?	activity result in				
Number of public structures/buildings Number of common property resources such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project rectivity result in loss of crops/trees which is not Government property? B. Does the proposed Project rectivity result in loss of direct rectivity result in loss of direct rectivity result in loss of direct rectivity result in loss of mangrove recosystem/social forest on which rearby residents/local population redependent for fuel wood/grazing etc.? B. Does the proposed Project rectivity affect scheduled tribe/ restructures No	demolition/removal of existing				
Attructures/buildings Number of common property resources such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project Activity result in loss of crops/trees which is not Government property? I. Does the proposed Project Activity result in loss of direct ivelihood/ employment? I. Does the proposed activity result In loss of mangrove ecosystem/social forest on which mearby residents/local population are dependent for fuel wood/grazing etc.? I. Does the proposed Project Activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	structures?				
Number of common property resources such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project Activity result in loss of crops/trees which is not Government property? B. Does the proposed Project Activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result In loss of mangrove ecosystem/social forest on which hearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project Activity affect scheduled tribe/ caste communities?	Number of public	No			
such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project activity result in loss of crops/trees which is not Government property? B. Does the proposed Project activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project Activity affect scheduled tribe/ caste communities?	structures/buildings				
such as religious/cultural/ drinking water/wells/etc) Number of private structures located on private or public land) B. Does the proposed Project activity result in loss of crops/trees which is not Government property? B. Does the proposed Project activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project Activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	Number of common property	No			
Number of private structures No located on private or public land) B. Does the proposed Project No locitivity result in loss of crops/trees which is not Government property? I. Does the proposed Project Incitivity result in loss of direct locitivity result in loss of direct locitivity result in loss of direct locitivity result in loss of mangrove locosystem/social forest on which located proposed activity result located proposed project located on private or public land) No locativity result in loss of crops/trees locativity result in loss of direct locativity result in loss of crops/trees locativity result in loss of direct locativity result in loss of direct locativity result in loss of direct locativity result in loss of crops/trees locativity result in locativity result locativity resu	resources				
Number of private structures located on private or public land) 3. Does the proposed Project activity result in loss of crops/trees which is not Government property? 3. Does the proposed Project activity result in loss of direct ivelihood/ employment? 5. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	(such as religious/cultural/ drinking				
Illocated on private or public land) 3. Does the proposed Project Activity result in loss of crops/trees Which is not Government property? 4. Does the proposed Project Activity result in loss of direct Activi	water/wells/etc)				
B. Does the proposed Project activity result in loss of crops/trees which is not Government property? B. Does the proposed Project activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result n loss of mangrove acosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? B. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	Number of private structures	No			
Activity result in loss of crops/trees which is not Government property? A. Does the proposed Project Activity result in loss of direct ivelihood/ employment? B. Does the proposed activity result In loss of mangrove Accosystem/social forest on which Activity residents/local population Are dependent for fuel Accompany of the proposed Project Activity affect scheduled tribe/ Acaste communities? Part D (2): Result/Outcome of Social Screening Exercise	(located on private or public land)				
which is not Government property? 3. Does the proposed Project activity result in loss of direct ivelihood/ employment? 5. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	3. Does the proposed Project	No			
A. Does the proposed Project Activity result in loss of direct Activity affect scheduled tribe/	activity result in loss of crops/trees				
activity result in loss of direct ivelihood/ employment? 5. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	which is not Government property?				
ivelihood/ employment? 5. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	4. Does the proposed Project	No			
5. Does the proposed activity result n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	-				
n loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	livelihood/ employment?				
ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	5. Does the proposed activity result	No			
nearby residents/local population are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	_				
are dependent for fuel wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	-				
wood/grazing etc.? 5. Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise					
Does the proposed Project activity affect scheduled tribe/ caste communities? Part D (2): Result/Outcome of Social Screening Exercise	•				
Part D (2): Result/Outcome of Social Screening Exercise					
Part D (2): Result/Outcome of Social Screening Exercise		No			
Part D (2): Result/Outcome of Social Screening Exercise	-				
•	caste communities?				
	Part D (2): Result/Outcome of Social S Outcome	Screening Exerc	iise		
Social Impact Assessment is required No	Social Impact Assessment is required		No		
Abbreviated RAP is required No	Abbreviated RAP is required		No		
Full RAP is required No	Full RAP is required		No		

30. MPCS Site Location: Sakthikulangara, Kollam		
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala	

31.MPCS Site Location: Chavara Taluk hospital, Neendakara			
Part A: General Information about the sub-	-project		
Sub Project id	NCRMP/KER/KLM/KAR/NEENDAKA RA-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Kollam		
Taluk	Karunagappally		
Village	Neendakara		
Panchayath/Municipal Corporation	Neendakara Gramapanchayath		
Survey Number	Block 22, Survey number: 105/6		
Latitude	8° 57' 30.460'N		
Longitude	76° 31' 56.846"E		
Mean Sea Level	24 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	Only 405 SQ.M of land is available for construction		
Land requirement for the sub project (in Ha			
Total Requirement			
a. Private Land	Nil		
	Only 405 SQ.M of land is available		
b. Government Land	for construction		
c. Forest Land	Nil		
Existing Land use	Dilapidated Buildings		
Approach roads	•		
Road name	National Highway		
Existing road	The site is directly accessible from NH		
Proposed road	No approach road proposed.		
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a pr	rohibited site		
PART B1: List of sites where sub-projects a			
Is the sub-project located in whole or withi	in any of the following Remarks if any		
environmentally sensitive area?			
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		

31.MPCS Site Loca	ation: Chavara	Taluk hospita	al, Ne	endakara
Estuary with mangroves		No		
Turtle nesting grounds		No		
Swamps/mudflats		No		
Notified sensitive eco zone		No		
Is the sub-project located in w	hole or in part	Yes		The site is under
between the HTL and the LTL?	•			NDZ of CRZ III
				(Nearly 90 m
				from HTL)
Is the sub-project located in w	hole or in part	No		
200 metres from an estuary bo	oundary?			
Is the sub-project located in w	hole or in part	-		The site falls in
500 meters from flood plain or	modified flood			tsunami
plain or by flood control syster	ns of a riverine			inundation area
system?				
Is the sub-project located in w	hole or in part	No		
500 meters from railway line?				
Is the sub-project located in w	•	No		
within 100 meters from the pr				
notified archaeological sites or				
Is the sub-project located in w within 1km radius of:	hole or in			
Historic places that are regiona	ally or locally	No		
important	, , , , , ,			
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		
PART C: Environmental Screening Forms				
PART C1: Proximity to Coastal	Regulatory Zone	e:		
Is the sub-project located in	Ye	S	The s	ite is under NDZ
whole or part within the			of CRZ III (Nearly 90 m	
Coastal Regulation Zone?			from	HTL)
PART C2: Proximity to Environ	mentally Sensiti	ve areas:		
Not applicable as adequate are	•		n	
PART C3: Environmental scree				
Based on the updating of the screening results, the following clearances are				
required				
CRZ clearance Not applicable			cable	
Environmental clearance Not applicable			cable	
Forest clearance	Forest clearance Not applicable			cable
PART D: Social Screening				
PART D1: Identification of pot			T	
1.Does the proposed sub-proj	ect activity requi	re any land?	R	emarks if any

31.MPCS Site Loca	ation: Chavara Taluk hos	pital, Neendakara
Private Land	No	
Government Land	Yes	Less than 400 SQ.M of land under ownership of Revenue Department.
Forest Land	No	- Берагинени.
2. Does the proposed sub-	No	
project activity result in demolition/removal of existing structures?		
Number of public structures/buildings	3 (Three)	The land is occupied by three dilapidated buildings, constructed under the Norwegian Government funded project.
Number of common property resources (such as religious/cultural/drinking water/wells/etc)	No	
Number of private structures (located on private or public land)	No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No	
Part D (2): Result/Outcome of Outcome	Social Screening Exercise	

31.MPCS Site Location: Chavara Taluk hospital, Neendakara		
Social Impact Assessment is	No	
required		
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala	

32.MPCS Site Location: Old Dila	pidated building	, Alappadu	
Part A: General Information about the sub-pro	oject	· ·	
Sub Project id	NCRMP/KER/KLM	/KAR/ALAPPADU-1	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	1		
State	Kerala		
District	Kollam		
Taluk	Karunagappally		
Village	Alappadu		
Panchayath/Municipal Corporation	Alappadu Gramapanchayath		
Survey Number	Block 7, Survey nu	ımber: 61/8	
Latitude	9° 04′ 05.260″N		
Longitude	76° 29′ 44.929″ E		
Mean Sea Level	15 m	15 m	
Size of the sub-project			
	Site not suitable for construction of		
Cyclone Shelter – approx. built up area	MPCS		
Land requirement for the sub project (in Ha or	m²)		
Total Requirement			
d. Private Land	Nil		
e. Government Land	500 SQ.M		
f. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	Panchayath roads		
Existing road	ROW: 4m		
Proposed road	No approach road	proposed	
Boundary wall requirement	No		
Part B: Ascertaining whether the site is a proh	ibited site		
PART B1: List of sites where sub-projects are p	rohibited		
Is the sub-project located in whole or within a	ny of the	Remarks if any	
following environmentally sensitive area?		1	

32.MPCS Site Location: Old Dila	pidated building	, Alappadu
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	-	The site is surrounded by backwaters.
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	
Notified sensitive eco zone	No	
Is the sub-project located in whole or in part between the HTL and the LTL?	No	The site is Under NDZ of CRZ III. (Nearly 90 m from HTL and 110 m from Canal, near to Alappad centre bus Station)
Is the sub-project located in whole or in part	No	The site is in close
200 metres from an estuary boundary?		proximity to backwaters
Is the sub-project located in whole or in part	No	The site falls in the floodplain of
500 meters from flood plain or modified flood		Kayamkulam kayal
plain or by flood control systems of a riverine		and is in the storm surge region.
system?		
Is the sub-project located in whole or in part	No	
500 meters from railway line?		
Is the sub-project located in whole or in part	No	
within 100 meters from the protected limits of		
notified archaeological sites or monuments?		

32.MPCS Site Location: Old Di	ilapidated bui	ilding, Alappadu	
Is the sub-project located in whole or in			
within 1km radius of:			
Historic places that are regionally or locally	No		
important			
Reservoirs/Dams	No		
Religious Places	No		
Public water bodies	No		
PART C: Environmental Screening Forms			
PART C1: Proximity to Coastal Regulatory Zo	ne:		
Is the sub-project located in whole or part	Yes	The site is Under NDZ of	
within the Coastal Regulation Zone?		CRZ III. (Nearly 90 m from	
		HTL and 110 m from	
		Canal, near to Alappad	
		centre bus Station)	
PART C2: Proximity to Environmentally Sens	itive areas:		
Not applicable as the site is not suitable for co	onstruction of N	IPCS.	
PART C3: Environmental screening – outcom	е		
Based on the updating of the screening resul	lts, the following	g clearances are	
required			
CRZ clearance	N	Not applicable	
Environmental clearance	N	Not applicable	
Forest clearance	N	Not applicable	
PART D: Social Screening			
PART D1: Identification of potential social co	ncerns		
Does the proposed sub-project activity requ	uire any land?	Remarks if any	
Private Land	No		
Government Land	Yes	500 SQ.M of land under	
		ownership of Health Department.	
Forest Land	No	Department.	

32.MPCS Site Location: Old Di	lapidated bui	lding, Alappadu
2. Does the proposed sub-project activity	Yes	A dilapidated building
result in demolition/removal of existing		that belongs to health department exists in
structures?		the site
Number of public structures/buildings	No	
Number of common property resources	No	
(such as religious/cultural/ drinking		
water/wells/etc)		
Number of private structures (located on	No	
private or public land)		
3. Does the proposed Project activity result	No	
in loss of crops/trees which is not		
Government property?		
4. Does the proposed Project activity result	No	
in loss of direct livelihood/ employment?		
5. Does the proposed activity result in loss	No	
of mangrove ecosystem/social forest on		
which nearby residents/local population		
are dependent for fuel wood/grazing etc.?		
6. Does the proposed Project activity affect	No	
scheduled tribe/ caste communities?		
Part D (2): Result/Outcome of Social Screening	ng Exercise	
Outcome		
Social Impact Assessment is required		No
Abbreviated RAP is required		No
Full RAP is required		No
Details of Screening Exercise		
Name	Mary Midhula	Маху
Designation	Environmental	and Social Specialist,
	State Project Ir	mplementation Unit,
	NCRMP-Kerala	

33.MPCS Site Location: C	Old Dilapidated build	ing, Alappadu	
Part A: General Information about the	sub-project		
Sub Project id	NCRMP/KER/KLM	/KAR/ALAPPADU-2	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	·		
State	Kerala		
District	Kasargod		
Taluk	Karunagappally		
Village	Alappadu		
Panchayath/Municipal Corporation	Alappadu Gramapa	anchayath	
Survey Number	Block 1, Survey nui	mber: 10/10	
Latitude	9° 04′ 05.260″N		
Longitude	76° 29′ 44.929″ E		
Mean Sea Level	11 m		
Size of the sub-project	·		
Cyclone Shelter – approx. built up area	Site is not suitable MPCS	Site is not suitable for construction of MPCS	
Land requirement for the sub project (in Ha or m²)		
Total Requirement			
d. Private Land	Nil		
e. Government Land	500 SQ.M		
f. Forest Land	Nil		
Existing Land use	Pump House exists	in the site	
Approach roads	•		
Road name	Panchayath roads		
Existing road	-		
Proposed road	No approach road	proposed	
Boundary wall requirement	No	'	
Part B: Ascertaining whether the site is PART B1: List of sites where sub-project located in whole or whether the site is part B: Ascertaining whether the site	ts are prohibited	Remarks if any	
following environmentally sensitive are	<u>-</u>	ricinarito ii diry	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	Yes		
Estuary with mangroves	No No		
Turtle nesting grounds	No No		
Swamps/mudflats	No		

33.MPCS Site Loc	ation: Old [Dilapidated buil	ding, Al	appadu
Notified sensitive eco zone		No		•
Is the sub-project located in w	hole or in	No	The	e site is within
part between the HTL and the	LTL?		50	m setback area
			ba	ckwaters under
			CR	Z notification
Is the sub-project located in w	hole or in	No		
part 200 metres from an estua	ry			
boundary?				
Is the sub-project located in w	hole or in	No	The	e site is in
part 500 meters from flood plain or			Tsu	ınami
modified flood plain or by floo	d control		inu	ındation area.
systems of a riverine system?			The	e site is in the
			flo	odplain of
				yamkulam
				al and in the
			· ·	orm surge
				_
			_	gion of Alappad
			VIII	lage.
Is the sub-project located in w		No		
part 500 meters from railway l				
Is the sub-project located in w		No		
part within 100 meters from th	•			
limits of notified archaeologica monuments?	ii sites or			
Is the sub-project located in w	phole or in			
within 1km radius of:	niole of in			
Historic places that are regiona	ally or	No		
locally important	•			
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No		A pond exists
			n	ear to the site
PART C: Environmental Screen	_			
PART C1: Proximity to Coastal	Regulatory Z		Γ.	
Is the sub-project located in		Yes		is within 50m
whole or part within the			setback	
Coastal Regulation Zone?			backwat notificat	ers under CRZ ion
PART C2: Proximity to Environ	mentally Sen	sitive areas:	1	
Not applicable as the construct	-		1.	
PART C3: Environmental scree	ning – outcor	me		
Based on the updating of the	screening res	ults, the following	clearanc	es are
required				

33.MPCS Site Location: Old Dilapidated building, Alappadu		
CRZ clearance	Not applicable	
Environmental clearance	Not applicable	
Forest clearance	Not applicable	

PART D: Social Screening

PART D1: Identification of potential social concerns

PART D1: Identification of potential social concerns		
1.Does the proposed sub-proj	ect activity require any land?	Remarks if any
Private Land	No	
Government Land	Yes	Approximately 500
		SQ.M of land under
		ownership of Revenue
		Department.
Forest Land	No	
2. Does the proposed sub-	No	
project activity result in		
demolition/removal of		
existing structures?		
Number of public	No	
structures/buildings		
Number of common	No	
property resources (such as		
religious/cultural/ drinking		
water/wells/etc)		
Number of private	No	
structures (located on		
private or public land)		
3. Does the proposed	No	
Project activity result in loss		
of crops/trees which is not		
Government property?		
4. Does the proposed	No	
Project activity result in loss		
of direct livelihood/		
employment?		
5. Does the proposed	No	
activity result in loss of		
mangrove ecosystem/social		
forest on which nearby		
residents/local population		
are dependent for fuel		
wood/grazing etc.?		
6. Does the proposed	No	
Project activity affect		

33.MPCS Site Loc	cation: Old Dilapidated building, Alappadu	
scheduled tribe/ caste communities?		
Part D (2): Result/Outcome of Outcome	Social Screening Exercise	
Social Impact Assessment is required	No	
Abbreviated RAP is required	No	
Full RAP is required	No	
Details of Screening Exercise		
Name	Mary Midhula Maxy	
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala	

34.MPCS Site Location: (Old Dilapidated build	ing, Alappadu	
Part A: General Information about the	sub-project		
Sub Project id	NCRMP/KER/KLM,	/KAR/ALAPPADU-2	
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala	Kerala	
District	Kasargod		
Taluk	Karunagappally	Karunagappally	
Village	Alappadu		
Panchayath/Municipal Corporation	Alappadu Gramapa	anchayath	
Survey Number	Block 1, Survey nui	mber: 10/10	
Latitude	9º 04' 05.260"N		
Longitude	76° 29′ 44.929″ E		
Mean Sea Level	11 m		
Size of the sub-project			
Cyclone Shelter – approx. built up area	Site is not suitable MPCS	for construction of	
Land requirement for the sub project (
Total Requirement			
g. Private Land	Nil		
h. Government Land	500 SQ.M		
i. Forest Land	Nil		
Existing Land use	Pump House exists	in the site	
Approach roads	<u>'</u>		
Road name	Panchayath roads		
Existing road	-		
Proposed road	No approach road	proposed	
Boundary wall requirement	No	'	
Part B: Ascertaining whether the site in PART B1: List of sites where sub-project located in whole or following environmentally sensitive are	cts are prohibited within any of the	Remarks if any	
Biosphere reserve	No		
National Park			
INGLIUIIGI FAI N	INO		
	No No		
Wildlife/Bird sanctuary	No		
Wildlife/Bird sanctuary Game reserve	No No		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve	No No No		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland	No No No No		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas	No No No No		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals	No No No No No		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area	No No No No No No Yes		
Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals	No No No No No		

34.MPCS Site Loca	ation: Old [Dilapidated buil	ding, Al	appadu
Notified sensitive eco zone		No		• •
Is the sub-project located in wh	ole or in	No	The	e site is within
part between the HTL and the L	.TL?		50	m setback area
			ba	ckwaters under
			CR	Z notification
Is the sub-project located in wh	ole or in	No		
part 200 metres from an estuar	У			
boundary?				
Is the sub-project located in wh	ole or in	No	The	e site is in
part 500 meters from flood plai	n or		Tsu	unami
modified flood plain or by flood	control		inu	ındation area.
systems of a riverine system?			The	e site is in the
			flo	odplain of
				yamkulam
				al and in the
			· ·	orm surge
				_
			_	gion of Alappad
			VIII	lage.
Is the sub-project located in wh		No		
part 500 meters from railway lii				
Is the sub-project located in wh		No		
part within 100 meters from the	•			
limits of notified archaeological monuments?	sites or			
Is the sub-project located in wl	nole or in			
within 1km radius of:	ioic or iii			
Historic places that are regional	lly or	No		
locally important	,			
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No	,	A pond exists
			n	ear to the site
PART C: Environmental Screeni	ing Forms			
PART C1: Proximity to Coastal	Regulatory Z	one:	1	
Is the sub-project located in		Yes		is within 50m
whole or part within the			setback	
Coastal Regulation Zone?			backwat notificat	ers under CRZ ion
PART C2: Proximity to Environ	PART C2: Proximity to Environmentally Sensitive areas:			
Not applicable as the construction area is less than 1300 SQ.M.				
• •	PART C3: Environmental screening – outcome			
Based on the updating of the screening results, the following clearances are				
required	required			

34.MPCS Site Location: Old Dilapidated building, Alappadu			
CRZ clearance	Not applicable		
Environmental clearance	Not applicable		
Forest clearance	Not applicable		

PART D: Social Screening

PART D1: Identification of potential social concerns

PART D1: Identification of potential social concerns			
1.Does the proposed sub-proj	ect activity require any land?	Remarks if any	
Private Land	No		
Government Land	Yes	Approximately 500	
		SQ.M of land under	
		ownership of Revenue	
		Department.	
Forest Land	No		
2. Does the proposed sub-	No		
project activity result in			
demolition/removal of			
existing structures?			
Number of public	No		
structures/buildings			
Number of common	No		
property resources (such as			
religious/cultural/ drinking			
water/wells/etc)			
Number of private	No		
structures (located on			
private or public land)			
3. Does the proposed	No		
Project activity result in loss			
of crops/trees which is not			
Government property?			
4. Does the proposed	No		
Project activity result in loss			
of direct livelihood/			
employment?			
5. Does the proposed	No		
activity result in loss of			
mangrove ecosystem/social			
forest on which nearby			
residents/local population			
are dependent for fuel			
wood/grazing etc.?			
6. Does the proposed	No		
Project activity affect			

34.MPCS Site Location: Old Dilapidated building, Alappadu					
scheduled tribe/ caste					
communities?					
Part D (2): Result/Outcome of	Part D (2): Result/Outcome of Social Screening Exercise				
Outcome					
Social Impact Assessment is required	No				
Abbreviated RAP is required	No				
Full RAP is required	No				
Details of Screening Exercise					
Name	Mary Midhula Maxy				
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala				

35. MPCS Site location: Revenue land, Ottoor		
Part A: General Information about the sub-pro		
Sub Project id	<u> </u>	M/VAR/OTTOR-1
Type of proposed sub-project activity	MPCS	
Location of the sub project activity		
State	Kerala	
District	Trivandrum	
Taluk	Varkala	
Village	Ottoor	
Panchayath/Municipal Corporation	Ottoor Panchaya	ath
Survey Number	Block: 19. Survey	
Latitude	8°45′6.0″N	
Longitude	76°46′10.8″E	
Size of the sub-project		
Cyclone Shelter – approx. built up area	1000 SQ.M	
Land requirement for the sub project (in Ha or	· m²)	
Total Requirement		
a. Private Land	Nil	
h. Carramana Land	1000 SQ.M of land under the	
b. Government Land	ownership of Revenue Department	
c. Forest Land	Nil	
Existing Land use	Uninhabited hilly terrain	
Approach roads		
Road name	A tarred approac	ch road from Varkala-
Road Harrie	Kallambalam main road to site.	
Existing road	Length: 100m ROW: 4m	
Proposed road	No approach roa	nd proposed
Boundary wall requirement	Yes	
Part B: Ascertaining whether the site is a proh PART B1: List of sites where sub-projects are p Is the sub-project located in whole or within a	rohibited	Remarks if any
following environmentally sensitive area?	, or the	nemarks in any
Biosphere reserve	No	
National Park	No	
Wildlife/Bird sanctuary	No	
Game reserve	No	
Tiger reserve/elephant reserve	No	
Wetland	No	
Important bird areas	No	
Coastal area with corals	No	
Mangrove area	No	
Estuary with mangroves	No	
Turtle nesting grounds	No	
Swamps/mudflats	No	

35. MPCS Site location: Revenue land, Ottoor				
Notified sensitive eco zone	No			
Is the sub-project located in whole or in part	No			
between the HTL and the LTL?				
Is the sub-project located in whole or in part	No			
200 metres from an estuary boundary?				
Is the sub-project located in whole or in part	No			
500 meters from flood plain or modified floo	d			
plain or by flood control systems of a rivering	2			
system?				
Is the sub-project located in whole or in part	No			
500 meters from railway line?				
Is the sub-project located in whole or in part				
within 100 meters from the protected limits				
notified archaeological sites or monuments?				
Is the sub-project located in whole or in wit	hin 1km radius of:			
Historic places that are regionally or locally	No			
important				
Reservoirs/Dams	No			
Religious Places	No			
Public water bodies	Yes	One water well exist		
		near the site		
PART C: Environmental Screening Form				
PART C1: Proximity to Coastal Regulatory Zone:				
Is the sub-project located in	No			
whole or part within the				
Coastal Regulation Zone?				
PART C2: Proximity to Environmentally Sensitive areas:				
Not applicable as the construction area is les				
PART C3: Environmental screening – outcon	ne			
Screening outcome				
Based on the updating of the screening resu		•		
CRZ clearance	Not applicable			
Environmental clearance		Not applicable		
Forest clearance	Not	applicable		
PART D: Social Screening				
PART D1: Identification of potential social concerns				
1. Does the proposed sub-project activity		Yes		
require any land?				
Private Land		No		
Government Land	Approximately 10	Approximately 1000 SQ.M of land under		
	ownership of Revenue Department.			
	OWITCEST IIP OF INCIV	errac Beparenterrer		

35. MPCS Site location: Revenue land, Ottoor			
2. Does the proposed sub-project activity	No		
result in demolition/removal of existing			
structures?			
Number of public structures/buildings	No		
Number of common property resources	Yes. One well exists near the proposed site		
(such as religious/cultural/ drinking			
water/wells/etc)			
Number of private structures	No		
(located on private or public land)			
3. Does the proposed Project activity	No		
result in loss of crops/trees which is not			
Government property?			
4. Does the proposed Project activity	No		
result in loss of direct livelihood/			
employment?			
5. Does the proposed activity result in loss	No		
of mangrove ecosystem/social forest on			
which nearby residents/local population			
are dependent for fuel wood/grazing etc.?			
6. Does the proposed Project activity	No		
affect scheduled tribe/ caste			
communities?			
Part D (2): Result/Outcome of Social Screeni	ng Exercise		
Outcome			
Social Impact Assessment is required	No		
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State		
	Project Implementation Unit		

36.MPCS at Chirayinkeezh, Thiruvananthapuram				
Part A: General Information about the sub-p	• • • • • • • • • • • • • • • • • • • •			
Sub Project id	NCRMP/KER/TVM/CHI/CHI/1			
Type of proposed sub-project activity	MPCS and approach roads			
Location of the sub project activity	oo ana approach reads			
State	Kerala			
District	Trivandrum			
Taluk	Chirayinkeezh			
Village	Sarkara Chirayinkeezh			
Panchayath/Municipal Corporation	Chirayinkeezh Panchayath			
Survey Number	Block 12, Survey no: 726/7 and 10			
Latitude	8°39′53.2″N			
Longitude	76°47′11.3″E			
Size of the sub-project				
Cyclone Shelter – approx. built up area	600 SQ.M			
Land requirement for the sub project (in Ha	or m²)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	600 SQ.M of land in the ownership of			
	Education Department			
c. Forest Land	Nil			
Existing Land use	A dilapidated shelter exists in the site			
Approach roads				
Road name	Padanilom School road			
Existing road	-			
Proposed road	No Approach roads proposed			
Boundary wall requirement	Yes			
Part B: Ascertaining whether the site is a pro	hibited site			
PART B1: List of sites where sub-projects are	prohibited			
Is the sub-project located in whole or in part	of any of the Remarks if any			
following environmentally sensitive areas:				
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No			
Notified sensitive eco zone	No			

36.MPCS at Chirayi	inkee	zh, Thiruvai	nanthapuram
Is the sub-project located in whole or in		No	
part between the HTL and the LTL?			
Is the sub-project located in whole or in		No	
part			
200 metres from an estuary boundary?			
Is the sub-project located in whole or in		No	
part			
500 meters from flood plain or modified			
flood plain or by flood control systems o	f a		
riverine system?			
Is the sub-project located in whole or in		No	
part			
500 meters from railway line?			
Is the sub-project located in whole or in		No	
part within 100 meters from the protect	ed		
limits of notified archaeological sites or			
monuments?			
Is the sub-project located in whole or in	withi		of:
Historic places that are regionally or		No	
locally important			
Reservoirs/Dams		No	
Religious Places		No	
Public water bodies		No	
PART C: Environmental Screening Form			
PART C1: Proximity to Coastal Regulato		ie:	
Is the sub-project located in whole or pa	rt No		
within the Coastal Regulation Zone?			
PART C2: Proximity to environmentally	sensit	ive areas:	
Not applicable as the construction area i	s only	600 SQ.M.	
PART C3: Environmental screening – ou	tcome	•	
Screening outcome			
Based on the updating of the screening	result	s, the	Remarks if any
following clearances are required			
CRZ clearance		No	
Environmental clearance	No		
Forest clearance		No	
PART D: Social Screening			
PART D1: Identification of potential soc	ial cor		
1. Does the proposed sub-project		Yes	
activity require any land?			
Private Land		No	
Govt. Revenue Land		Yes	600 SQ.M of land in
			ownership of Education
			Department.

36.MPCS at Chirayin	keezh, Thiruvan	anthapuram
Forest Land	No	<u> </u>
2. Does the proposed sub-project		
activity result in demolition/removal		
of existing structures?		
Number of public structures/buildings	2 (Two)	[One dilapidated Anti Disaster shelter and one lavatory building has to be demolished to facilitate construction in the proposed site]
Number of common property	No	
resources		
(such as religious/cultural/ drinking		
water/wells/etc)		
Number of private structures	No	
(located on private or public land)		
3. Does the proposed Project activity	No	
result in loss of crops/trees which is		
not Government property?		
4. Does the proposed Project activity	No	
result in loss of direct livelihood/		
employment?		
5. Does the proposed activity result	No	
in loss of mangrove ecosystem/social forest on which near by		
residents/local population are		
dependent for fuel wood/grazing		
etc.?		
6. Does the proposed Project activity	No	
affect scheduled tribe/ caste		
communities?		
Part D (2): Outcome of Social Screening E	xercise	'
Outcome		
Social Impact Assessment is required		No
Abbreviated RAP is required	No	
Full RAP is required		No
Details of Screening Exercise		
Name	Mary Midhul	a Maxy
Designation	Environmental and Social Specialist, State	
	Project Imple	mentation Unit

37.MPCS at Azhoor, Thiruvananthapuram			
Part A: General Information about the sub-project			
Sub Project id	NCRMP/KER/TVM/CHI/AZHOOR-1		
Type of proposed sub-project activity	MPCS		
Location of the sub project activity	•		
State	Kerala		
District	Trivandrum		
Taluk	Chirayinkeezh		
Village	Azhoor		
Panchayath/Municipal Corporation			
Survey Number	Block: 14, Surv	vey number: 439/1	
Latitude	8°37′54.3″N	-	
Longitude	76°49′55.8″E		
Size of the sub-project	•		
Cyclone Shelter – approx. built up area	1000 SQ.M		
Land requirement for the sub project (in Ha	or m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	1000 SQ.M of land in the ownership of		
	Revenue Department		
c. Forest Land	Nil		
Existing Land use	Barren land		
Approach roads			
Road name	Untarred approach roads from Main road		
Existing road			
Proposed road	No Approach i	No Approach roads proposed	
Boundary wall requirement	No	· ·	
Part B: Ascertaining whether the site is	a prohibited s	site	
PART B1: List of sites where sub-projects ar			
Is the sub-project located in whole or in part	of any of the	Remarks if any	
following environmentally sensitive areas:			
	T		
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

Is the sub-project located in whole or in part between the HTL and the LTL? Is the sub-project located in whole or in	No No	•	
part between the HTL and the LTL?			
•			
	ı?		
part 200 metres from an estuary boundar			
Is the sub-project located in whole or in	No		
part 500 meters from flood plain or			
modified flood plain or by flood control			
systems of a riverine system?			
Is the sub-project located in whole or in	No		
part 500 meters from railway line?			
Is the sub-project located in whole or in	No		
part within 100 meters from the protecte	I		
limits of notified archaeological sites or			
monuments?			
Is the sub-project located in whole or in	ithin 1km radius		
of:			
Historic places that are regionally or local	y No		
important			
Reservoirs/Dams	No		
Religious Places	No		
Public water bodies	No		
PART C: Environmental Screening Form			
PART C1: Proximity to Coastal Regulator	Zone:		
Is the sub-project located in whole or No Outside CRZ (the site			
part within the Coastal Regulation		3km from coastline)	
Zone?			
PART C2: Proximity to environmentally sensitive areas:			
Not applicable as the construction area is			
PART C3: Environmental screening – out	ome		
Screening outcome			
Based on the updating of the screening r	<u>-</u>	clearances are required	
CRZ clearance	No		
EIA	No		
Forest clearance	No		
	Yes [Clearance required from Social Forestry Department for cutting		
trees, The Kerala Preservation of Trees act, 1986]			
PART D: Social Screening PART D1: Identification of potential social concerns			
1. Does the proposed sub-	Yes		
project activity require any	. 55		
land?			
	No		
		600 SO.M of land in	
		*	
		Department	
Private Land Government Land	No	600 SQ.M of land in ownership of Revenue	

37.MPCS at Azhoor, Thiruvananthapuram				
Forest Land		No		
2. Does the proposed sub-				
project activity result in				
demolition/removal of existing				
structures?				
Number of public	1	(0ne)	[(Anti disaster shelter	
structures/buildings			constructed under	
_			European economic	
			Community project)	
Number of common property		No		
resources				
(such as religious/cultural/				
drinking				
water/wells/etc)				
Number of private structures		No		
(located on private or public				
land)				
3. Does the proposed Project		No		
activity result in loss of				
crops/trees which is not				
Government property?				
4. Does the proposed Project		No		
activity result in loss of direct				
livelihood/ employment?				
5. Does the proposed activity		No		
result in loss of mangrove				
ecosystem/social forest on				
which near by residents/local				
population are dependent for				
fuel wood/grazing etc.?				
6. Does the proposed Project		No		
activity affect scheduled tribe/				
caste communities?				
Part D (2): Result/Outcome of Social Screening Exercise				
Outcome				
Social Impact Assessment is required			No	
Abbreviated RAP is required		No		
Full RAP is required	Full RAP is required No		No	
Details of Screening Exercise				
Name		Mary Midhula Maxy		
Designation		Environmental and Social Specialist, State		
		Project Implei	mentation Unit	

38.MPCS Site Location: Old Dilapidated building, Alappadu				
Part A: General Information about the sub-project				
Sub Project id	NCRMP/KER/KLM/KAR/ALAPPADU-2			
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Kasargod			
Taluk	Karunagappally			
Village	Alappadu			
Panchayath/Municipal Corporation	Alappadu Gramapa	anchayath		
Survey Number	Block 1, Survey nui	mber: 10/10		
Latitude	9° 04′ 05.260″N			
Longitude	76° 29′ 44.929″ E			
Mean Sea Level	11 m			
Size of the sub-project				
Cyclone Shelter – approx. built up area	Site is not suitable MPCS	for construction of		
Land requirement for the sub project (i				
Total Requirement				
j. Private Land	Nil			
k. Government Land	500 SQ.M			
I. Forest Land	Nil			
Existing Land use	Pump House exists	Pump House exists in the site		
Approach roads				
Road name	Panchayath roads	Panchayath roads		
Existing road	-	-		
Proposed road	No approach road	proposed		
Boundary wall requirement	No	<u> </u>		
Part B: Ascertaining whether the site is PART B1: List of sites where sub-project located in whole or vifollowing environmentally sensitive are	ts are prohibited vithin any of the	Remarks if any		
	No			
Biosphere reserve National Park	No			
	No			
Wildlife/Bird sanctuary Game reserve				
	No No			
Tiger reserve/elephant reserve Wetland	No No			
	No No			
Important bird areas	No No			
Coastal area with corals	No			
Mangrove area	Yes			
Estuary with mangroves	No			
Turtle nesting grounds	No No			
Swamps/mudflats	No			

Notified sensitive eco zone		No		
Is the sub-project located in w	hole or in	No	The site is within	
part between the HTL and the LTL?			50m setback area	
			backwaters under	
			CRZ notification	
Is the sub-project located in w	hole or in	No		
part 200 metres from an estua				
boundary?	,			
Is the sub-project located in w	hole or in	No	The site is in	
part 500 meters from flood pla			Tsunami	
modified flood plain or by floo			inundation area.	
systems of a riverine system?				
,			The site is in the	
			floodplain of	
			Kayamkulam	
			kayal and in the	
			storm surge	
			region of Alappad	
			Village.	
le the cub was est leasted in	hala au in	No	village.	
Is the sub-project located in whole or in		No		
part 500 meters from railway l		No		
Is the sub-project located in whole or in		NO		
part within 100 meters from the protected limits of notified archaeological sites or				
monuments?				
Is the sub-project located in w	thole or in			
within 1km radius of:				
Historic places that are regiona	ally or	No		
locally important				
Reservoirs/Dams		No		
Religious Places		No		
Public water bodies		No	A pond exists	
			near to the site	
PART C: Environmental Screen	•			
PART C1: Proximity to Coastal	Regulatory Zo	ne:		
Is the sub-project located in	Y	es	The site is within 50m	
whole or part within the			setback area	
Coastal Regulation Zone?			backwaters under CRZ	
notification			notification	
PART C2: Proximity to Enviror				
Not applicable as the construction area is less than 1300 SQ.M.				
PART C3: Environmental screening – outcome				
Based on the updating of the screening results, the following clearances are				
required				
CRZ clearance		N	ot applicable	

Environmental clearance	N	ot applicable			
Forest clearance N		ot applicable			
PART D: Social Screening					
PART D1: Identification of potential social concerns					
1.Does the proposed sub-proj	ect activity require any land?	Remarks if any			
Private Land	No				
Government Land	Yes	Approximately 500 SQ.M of land under ownership of Revenue Department.			
Forest Land	No				
2. Does the proposed sub- project activity result in demolition/removal of existing structures?	No				
Number of public structures/buildings	No				
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No				
Number of private structures (located on private or public land)	No				
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No				
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No				
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which nearby residents/local population are dependent for fuel wood/grazing etc.?	No				
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No				
Part D (2): Result/Outcome of Outcome	Social Screening Exercise				

Social Impact Assessment is required	No		
Abbreviated RAP is required	No		
Full RAP is required	No		
Details of Screening Exercise			
Name	Mary Midhula Maxy		
Designation	Environmental and Social Specialist, State Project Implementation Unit, NCRMP-Kerala		

39. MPCS Site location: Revenue land, Ottoor Part A: General Information about the sub-project Sub Project id NCRMP/KER/TVM/VAR/OTType of proposed sub-project activity MPCS Location of the sub project activity State Kerala District Trivandrum Taluk Varkala	TTOR-1		
Sub Project id NCRMP/KER/TVM/VAR/OT Type of proposed sub-project activity MPCS Location of the sub project activity Kerala District Trivandrum	TTOR-1		
Type of proposed sub-project activity Location of the sub project activity State Kerala District Trivandrum			
State Kerala District Trivandrum			
District Trivandrum			
Taluk Varkala			
1			
Village Ottoor			
Panchayath/Municipal Corporation Ottoor Panchayath			
Survey Number Block: 19. Survey Number:	: 4/1		
Latitude 8°45′6.0″N			
Longitude 76°46′10.8″E			
Size of the sub-project			
Cyclone Shelter – approx. built up area 1000 SQ.M			
Land requirement for the sub project (in Ha or m ²)			
Total Requirement			
a. Private Land Nil			
b. Government Land 1000 SQ.M of land under t	the		
ownership of Revenue De	ownership of Revenue Department		
c. Forest Land Nil	Nil		
Existing Land use Uninhabited hilly terrain	Uninhabited hilly terrain		
Approach roads			
Road name A tarred approach road from	A tarred approach road from Varkala-		
	Kallambalam main road to site.		
Existing road Length: 100m ROW: 4m			
Proposed road No approach road propose	ed		
Boundary wall requirement Yes			
Part B: Ascertaining whether the site is a prohibited site			
PART B1: List of sites where sub-projects are prohibited			
	arks if any		
following environmentally sensitive area?			
Biosphere reserve No			
National Park No			
Wildlife/Bird sanctuary No			
Game reserve No			
Tiger reserve/elephant reserve No			
Wetland No			
Important bird areas No			
Coastal area with corals No			
Mangrove area No			
Estuary with mangroves No			
Turtle nesting grounds No			

39. MPCS Site location: Revenue land, Ottoor				
Swamps/mudflats	No			
Notified sensitive eco zone	No			
Is the sub-project located in whole or in part				
between the HTL and the LTL?				
Is the sub-project located in whole or in part	No			
200 metres from an estuary boundary?				
Is the sub-project located in whole or in part	No			
500 meters from flood plain or modified floo				
plain or by flood control systems of a rivering				
system?				
Is the sub-project located in whole or in part	No			
500 meters from railway line?				
Is the sub-project located in whole or in part	No			
within 100 meters from the protected limits				
notified archaeological sites or monuments?				
Is the sub-project located in whole or in wit	hin 1km radius (of:		
Historic places that are regionally or locally	No			
important				
Reservoirs/Dams	No			
Religious Places	No			
Public water bodies	Yes	One water well exist		
		near the site		
PART C: Environmental Screening Form				
PART C1: Proximity to Coastal Regulatory Zone:				
Is the sub-project located in No				
whole or part within the				
Coastal Regulation Zone?				
PART C2: Proximity to Environmentally Sens				
Not applicable as the construction area is les		M.		
PART C3: Environmental screening – outcon	ne			
Screening outcome				
Based on the updating of the screening resu	- I	·		
CRZ clearance	Not applicable			
Environmental clearance	Not applicable			
Forest clearance	Not applicable			
PART D: Social Screening				
PART D1: Identification of potential social concerns				
1. Does the proposed sub-project activity	Yes			
require any land?				
Private Land		No		
Government Land	Approximately 1000 SQ.M of land under ownership of Revenue Department.			
Forest Land	ownership of F	·		
Forest Land	No			

39. MPCS Site location: Revenue land, Ottoor				
2. Does the proposed sub-project activity No				
result in demolition/removal of existing				
structures?				
Number of public structures/buildings	No			
Number of common property resources	Yes. One well exists near the proposed			
(such as religious/cultural/ drinking	site			
water/wells/etc)				
Number of private structures	No			
(located on private or public land)				
3. Does the proposed Project activity	No			
result in loss of crops/trees which is not				
Government property?				
4. Does the proposed Project activity	No			
result in loss of direct livelihood/				
employment?				
5. Does the proposed activity result in loss	No			
of mangrove ecosystem/social forest on				
which nearby residents/local population				
are dependent for fuel wood/grazing etc.?				
6. Does the proposed Project activity	No			
affect scheduled tribe/ caste				
communities?				
Part D (2): Result/Outcome of Social Screeni	ng Exercise			
Outcome				
Social Impact Assessment is required	No			
Abbreviated RAP is required	No			
Full RAP is required	No			
Details of Screening Exercise	.			
Name	Mary Midhula Maxy			
Designation	Environmental and Social Specialist,			
	State Project Implementation Unit			

40.MPCS at Chirayinkeezh, Thiruvananthapuram				
Part A: General Information about the sub-	•	•		
Sub Project id	NCRMP/KER/TV	M/CHI/CHI/1		
Type of proposed sub-project activity	MPCS and approach roads			
Location of the sub project activity				
State	Kerala			
District	Trivandrum			
Taluk	Chirayinkeezh			
Village	Sarkara Chirayin	keezh		
Panchayath/Municipal Corporation	Chirayinkeezh Pa			
Survey Number		no: 726/7 and 10		
Latitude	8°39′53.2″N			
Longitude	76°47′11.3″E			
Size of the sub-project				
Cyclone Shelter – approx. built up area	600 SQ.M			
Land requirement for the sub project (in Ha	or m ²)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	600 SQ.M of lan	d in the ownership of		
	Education Depar	rtment		
c. Forest Land	Nil			
Existing Land use	A dilapidated sh	ed shelter exists in the site		
Approach roads				
Road name	Padanilom School	ol road		
Existing road	-			
Proposed road	No Approach roa	ads proposed		
Boundary wall requirement	Yes			
Part B: Ascertaining whether the site is a pro				
PART B1: List of sites where sub	projects are proh	ibited		
Is the sub-project located in whole or in par	t of any of the	Remarks if any		
following environmentally sensitive areas:				
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No			
Notified sensitive eco zone	No			

40.MPCS at Chiray	inke	ezh, Thiruvai	nanthapuram
Is the sub-project located in whole or in		No	
part between the HTL and the LTL?			
Is the sub-project located in whole or in	No		
part			
200 metres from an estuary boundary?			
Is the sub-project located in whole or in		No	
part			
500 meters from flood plain or modified			
flood plain or by flood control systems o	f a		
riverine system?			
Is the sub-project located in whole or in		No	
part			
500 meters from railway line?			
Is the sub-project located in whole or in		No	
part within 100 meters from the protect	ed		
limits of notified archaeological sites or			
monuments?			
Is the sub-project located in whole or in	ı wit	hin 1km radius	of:
Historic places that are regionally or loca	ally	No	
important			
Reservoirs/Dams		No	
Religious Places	No		
Public water bodies		No	
PART C: Environmental Screening Form			
PART C1: Proximity to Coastal Regulato	ry Zo	one:	
Is the sub-project located in whole or pa	rt		No
within the Coastal Regulation Zone?			
		•••	
PART C2: Proximity to environmentally			
Not applicable as the construction area i		•	
PART C3: Environmental screening – ou	tcon	ne	
Screening outcome			Damania if and
Based on the updating of the screening results, the		Remarks if any	
following clearances are required CRZ clearance	N		
Environmental clearance	No		
	No No		
Forest clearance		No	
PART D: Identification of notantial see	ial a	oncores	
PART D1: Identification of potential soc 1. Does the proposed sub-project	iai C	Yes	
activity require any land?		163	
Private Land	NI a		
Govt. Revenue Land		No Vos	600 SQ.M of land in
GOVE NEVERIUE LARIU			ownership of Education
			Department.
			Department.

40.MPCS at Chirayinkeezh, Thiruvananthapuram				
Forest Land	No	·		
2. Does the proposed sub-project				
activity result in demolition/removal				
of existing structures?				
Number of public structures/buildings	2 (Two)	[One dilapidated Anti Disaster shelter and one lavatory building has to be demolished to facilitate construction in the proposed site]		
Number of common property	No			
resources				
(such as religious/cultural/ drinking				
water/wells/etc)				
Number of private structures	No			
(located on private or public land)				
3. Does the proposed Project activity	No			
result in loss of crops/trees which is				
not Government property?				
4. Does the proposed Project activity	No			
result in loss of direct livelihood/				
employment?	.			
5. Does the proposed activity result	No			
in loss of mangrove ecosystem/social				
forest on which near by residents/local population are				
dependent for fuel wood/grazing				
etc.?				
6. Does the proposed Project activity	No			
affect scheduled tribe/ caste	110			
communities?				
Part D (2): Outcome of Social Screening	Exercise			
Outcome				
Social Impact Assessment is required		No		
Abbreviated RAP is required		No		
Full RAP is required		No		
Details of Screening Exercise	<u> </u>			
Name	Mary Midhul	a Maxy		
Designation	•	al and Social Specialist, State		
	Project Imple	Project Implementation Unit		

41. MPCS at Gandhi Smarakam Land, Azhoor			
Part A: General Information about the sub-project			
Sub Project id NCRMP/KER/TVM/CHI/AZH/2/2			
Type of proposed sub-project activity	MPCS		
Location of the sub project activity			
State	Kerala		
District	Trivandrum		
Taluk	Chirayinkeezh		
Village	Azhoor		
Panchayath/Municipal Corporation			
Survey Number	Block:14 Survey numb	per: 214/5,6,7,9,	
Latitude	8°38'30.1"N		
Longitude	76°49′23.4″E		
Size of the sub-project			
Cyclone Shelter – approx. built up area	1500 SQ.M		
Land requirement for the sub project (in Ha o	r m²)		
Total Requirement			
a. Private Land	Nil		
b. Government Land	1000 SQ.M of land in	the ownership of	
	Revenue Department		
c. Forest Land	Nil		
Existing Land use	Unused land		
Approach roads			
Road name	Sasthavattom road		
Existing road	-		
Approach road	No approach road pro	posed	
Boundary wall requirement	Yes		
Part B: Ascertaining whether the site is a proh	ibited site		
PART B1: List of sites where sub-projects are p	orohibited		
Is the sub-project located in whole or in part of	of:	Remarks if any	
Biosphere reserve	No		
National Park	No		
Wildlife/Bird sanctuary	No		
Game reserve	No		
Tiger reserve/elephant reserve	No		
Wetland	No		
Important bird areas	No		
Coastal area with corals	No		
Mangrove area	No		
Estuary with mangroves	No		
Turtle nesting grounds	No		
Swamps/mudflats	No		
Notified sensitive eco zone	No		

41. MPCS at Gan	ıdhi Sm	arakar	n Land,	Azh	oor		
Is the sub-project located in whole or in			No				
between the HTL and the LTL?	•						
Is the sub-project located in whole or in	part	No					
200 metres from an estuary boundary?	•						
Is the sub-project located in whole or in	part		No				
500 meters from flood plain or modified flood							
plain or by flood control systems of a riv							
system?							
Is the sub-project located in whole or in part			No				
500 meters from railway line?							
Is the sub-project located in whole or in part			No				
within 100 meters from the protected limits of							
notified archaeological sites or monume	nents?						
Is the sub-project located in whole or i	Is the sub-project located in whole or in within 1km radius of:						
Historic places that are regionally or loc	ally		No				
important							
Reservoirs/Dams		No					
Religious Places			No				
Public water bodies		No					
PART C: Environmental Screening Form	1						
PART C1: Proximity to Coastal Regulator	ory Zone	:					
Is the sub-project located in whole or	No			Outsi	de CRZ (The site is		
part within the Coastal Regulation			5 km		from coastline)		
Zone?							
PART C2: Proximity to environmentally sensitive areas:							
Not applicable as the construction area	is only 1	000 SQ.	Μ.				
PART C3: Environmental screening – or	utcome						
Screening outcome							
Based on the updating of the screening results, the following clearances are required							
CRZ clearance			No				
EIA				No			
Forest clearance				No			
PART D: Social Screening							
PART D1: Identification of potential social concerns							
1. Does the proposed sub-project		Yes					
activity require any land?							
Private Land		No					
Govt. Revenue Land	Yes			100	00 SQ.M of land in		
				the	e ownership of		
				Re	venue department.		
Forest Land		No					
2. Does the proposed sub-project	Yes						
activity result in demolition/removal							
of existing structures?							

41. MPCS at Gandhi Smarakam Land, Azhoor						
Number of public structures/buildings	No					
Number of common property		No				
resources (such as religious/cultural/						
drinking water/wells/etc)						
Number of private structures		No				
(located on private or public land)						
3. Does the proposed Project activity	No					
result in loss of crops/trees which is						
not Government property?						
4. Does the proposed Project activity		No				
result in loss of direct livelihood/						
employment?						
5. Does the proposed activity result		No				
in loss of mangrove ecosystem/social						
forest on which near by						
Residents/local population are						
dependent for fuel wood/grazing						
etc.?						
6. Does the proposed Project activity		No				
affect scheduled tribe/ caste						
communities?						
Part D (2): Result/Outcome of Social Screening Exercise						
Outcome			N.a.			
Social Impact Assessment is required			No			
Abbreviated RAP is required			No No			
Full RAP is required			No			
Details of Screening Exercise						
Name		Mary Midhula Maxy				
Designation		Environmental and Social Specialist, State				
		Project Implementation Unit				

	42.MPCS at Azhoor, Thiruvananthapuram			
Part A: General Information about the sub-project				
Sub Project id	• •	M/CHI/AZHOOR-1		
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Trivandrum			
Taluk	Chirayinkeezh			
Village	Azhoor			
Panchayath/Municipal Corporation				
Survey Number	Block: 14, Surve	y number: 439/1		
Latitude	8°37′54.3″N	,		
Longitude	76°49′55.8″E			
Size of the sub-project				
Cyclone Shelter – approx. built up area	1000 SQ.M			
Land requirement for the sub project (in H	a or m²)			
Total Requirement	, , , , , , , , , , , , , , , , , , ,			
a. Private Land	Nil			
b. Government Land	1000 SQ.M of la	and in the ownership of		
	Revenue Depart	·		
c. Forest Land	Nil			
Existing Land use	Barren land			
Approach roads				
Road name	Untarred appro	ach roads from Main road		
Existing road				
Proposed road	No Approach ro	No Approach roads proposed		
•				
Boundary wall requirement	No	aus proposeu		
Boundary wall requirement Part B: Ascertaining whether the site				
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects	is a prohibited si			
Part B: Ascertaining whether the site	is a prohibited si are prohibited			
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects	is a prohibited si are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas:	is a prohibited si are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas: Biosphere reserve	is a prohibited single are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in pa following environmentally sensitive areas: Biosphere reserve National Park	is a prohibited single are prohibited are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas: Biosphere reserve	is a prohibited single are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in pa following environmentally sensitive areas: Biosphere reserve National Park	is a prohibited single are prohibited are prohibited art of any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in particle following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve	is a prohibited single are prohibited art of any of the No No No No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland	is a prohibited single are prohibited are prohibited art of any of the No No No No No No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in particle following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas	is a prohibited single are prohibited are prohibited art of any of the No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland	is a prohibited site are prohibited art of any of the No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in particle following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas	is a prohibited single are prohibited are prohibited art of any of the No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in part following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals	Is a prohibited single are prohibited art of any of the No	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in particle following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area	is a prohibited single are prohibited are prohibited art of any of the art of any of the are not any of the	te		
Part B: Ascertaining whether the site PART B1: List of sites where sub-projects Is the sub-project located in whole or in particle following environmentally sensitive areas: Biosphere reserve National Park Wildlife/Bird sanctuary Game reserve Tiger reserve/elephant reserve Wetland Important bird areas Coastal area with corals Mangrove area Estuary with mangroves	Is a prohibited single are prohibited are prohibited art of any of the Section No. No. No. No. No. No. No. No.	te		

	42.MPCS at A	zhoor	, Thiruvananth	apuram
Is the sub-project loc			No	•
part between the HT				
Is the sub-project loc		n	No	
part 200 metres fron				
Is the sub-project loc			No	
part 500 meters from				
modified flood plain	•	ol		
systems of a riverine	•			
Is the sub-project loc	•	n	No	
part 500 meters fron				
Is the sub-project loc	•	n	No	
part within 100 meter				
limits of notified arcl	•			
monuments?	J			
Is the sub-project lo	cated in whole or	in with	nin 1km radius of:	
Historic places that a	re regionally or lo	cally	No	
important		-		
Reservoirs/Dams			No	
Religious Places			No	
Public water bodies			No	
PART C: Environmen	tal Screening For	m		
PART C1: Proximity			ne:	
Is the sub-project loc	ated in whole or		No	Outside CRZ (the site is
part within the Coast	tal Regulation			3km from coastline)
Zone?				
PART C2: Proximity	to environmentall	y sensi	tive areas:	
Not applicable as the	construction area	a is less	than 500 SQ.M.	
PART C3: Environme	ntal screening – o	utcom	е	
Screening outcome				
Based on the updati	ng of the screenin	g resul	lts, the following	clearances are required
CRZ clearance			No	
EIA			No	
Forest clearance			No	
Social Forestry	Yes [Clearance re	equired	from Social Fore	stry Department for cutting
	trees, T	he Ker	ala Preservation o	of Trees act, 1986]
PART D: Social Scre				
PART D1: Identificat	•	ocial co		T
1. Does the propose			Yes	
project activity requesting land?	ire any			
Private Land			No	
Government Land			140	600 SQ.M of land in
Sovernment Land				ownership of Revenue
				Department
Forest Land			No	Берагинен
. Or CSC Laria			140	1

42.MPCS at Azhoor, Thiruvananthapuram			
2. Does the proposed sub- project activity result in demolition/removal of existing structures?			
Number of public structures/buildings	1	(One)	[(Anti disaster shelter constructed under European economic Community project)
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)		No	
Number of private structures (located on private or public land)		No	
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?		No	
4. Does the proposed Project activity result in loss of direct livelihood/ employment?		No	
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which near by residents/local population are dependent for fuel wood/grazing etc.?		No	
6. Does the proposed Project activity affect scheduled tribe/ caste communities?		No	
Part D (2): Result/Outcome of Soc	cial Screening	Exercise	
Outcome			
Social Impact Assessment is required			No
Abbreviated RAP is required			No
Full RAP is required			No
Details of Screening Exercise		Many Midden	la Mayor
Name Designation			tal and Social Specialist, State ementation Unit

43. MPCS at Gandhi Smarakam Land, Azhoor					
Part A: General Information about the sub-project					
	Sub Project id NCRMP/KER/TVM/CHI/AZH/2/2				
Type of proposed sub-project activity	MPCS				
Location of the sub project activity					
State	Kerala				
District	Trivandrum				
Taluk	Chirayinkeezh				
Village	Azhoor				
Panchayath/Municipal Corporation					
Survey Number	Block:14 Survey numb	er: 214/5,6,7,9,			
Latitude	8°38′30.1″N				
Longitude	76°49′23.4″E				
Size of the sub-project					
Cyclone Shelter – approx. built up area	1500 SQ.M				
Land requirement for the sub project (in Ha or	r m²)				
Total Requirement					
a. Private Land	Nil				
b. Government Land	1000 SQ.M of land in t	the ownership of			
	Revenue Department				
c. Forest Land	Nil				
Existing Land use	Unused land				
Approach roads					
Road name	Sasthavattom road				
Existing road	1				
Approach road	No approach road pro	posed			
Boundary wall requirement	Yes				
Part B: Ascertaining whether the site is a proh	ibited site				
PART B1: List of sites where sub-projects are p	orohibited	,			
Is the sub-project located in whole or in part of	of:	Remarks if any			
Biosphere reserve	No				
National Park	No				
Wildlife/Bird sanctuary	No				
Game reserve	No				
Tiger reserve/elephant reserve	No				
Wetland	No				
Important bird areas	No				
Coastal area with corals	No				
Mangrove area	No				
Estuary with mangroves	No				
Turtle nesting grounds	No				
Swamps/mudflats	No				
Notified sensitive eco zone	No				
Is the sub-project located in whole or in part	No				
between the HTL and the LTL?					

43. MPCS at Gandhi Smarakam Land, Azhoor					
Is the sub-project located in whole or in			No		
200 metres from an estuary boundary?					
s the sub-project located in whole or in part			No		
500 meters from flood plain or modifie	•				
plain or by flood control systems of a ri					
system?					
Is the sub-project located in whole or in	n part		No		
500 meters from railway line?					
Is the sub-project located in whole or in	n part		No		
within 100 meters from the protected	•				
notified archaeological sites or monum					
Is the sub-project located in whole or		1km ra	dius of:		
Historic places that are regionally or loo	cally		No		
important	•				
Reservoirs/Dams			No		
Religious Places			No		
Public water bodies			No		
PART C: Environmental Screening Form	n				
PART C1: Proximity to Coastal Regulat	ory Zone	:			
Is the sub-project located in whole or	No			Outsi	ide CRZ (The site is
part within the Coastal Regulation				5 km	from coastline)
Zone?					
PART C2: Proximity to environmentally	y sensitiv	e areas	:		
Not applicable as the construction area	is only 1	000 SQ.	Μ.		
PART C3: Environmental screening – o	utcome				
Screening outcome					
Based on the updating of the screening	g results,	the fol	lowing c	learan	ces are required
CRZ clearance					No
EIA					No
Forest clearance					No
PART D: Social Screening					
PART D1: Identification of potential so	cial conc	erns			
1. Does the proposed sub-project		Yes			
activity require any land?					
Private Land		No			
Govt. Revenue Land		Yes			00 SQ.M of land in
					e ownership of
				Re	venue department.
Forest Land		No			
2. Does the proposed sub-project		Yes			
activity result in demolition/removal					
of existing structures?		<u> </u>			
Number of public structures/buildings	Number of public structures/buildings N				

43. MPCS at Gandhi Smarakam Land, Azhoor				
Number of common property resources (such as religious/cultural/ drinking water/wells/etc)	No			
Number of private structures (located on private or public land)	No			
3. Does the proposed Project activity result in loss of crops/trees which is not Government property?	No			
4. Does the proposed Project activity result in loss of direct livelihood/ employment?	No			
5. Does the proposed activity result in loss of mangrove ecosystem/social forest on which near by Residents/local population are dependent for fuel wood/grazing etc.?	No			
6. Does the proposed Project activity affect scheduled tribe/ caste communities?	No			
Part D (2): Result/Outcome of Social Sc	reening Exercise			
Outcome Social Impact Assessment is required		No		
Abbreviated RAP is required		No		
Full RAP is required		No		

44. MPCS at Mutta	athara, Survey Sch	ool land			
Part A: General Information about th	ne sub-project				
Sub Project id	NCRMP/KER/TV	/M/THI/MUTTATHARA-2			
Type of proposed sub-project activity	MPCS	MPCS			
Location of the sub project activity					
State	Kerala				
District	Trivandrum				
Taluk	Thiruvananthap	ouram			
Village	Muttathara				
Panchayath/Municipal Corporation	Trivandrum Cor	poration			
Survey Number	Not available				
Latitude	8° 27′ 56.4″N				
Longitude	76° 55′ 49.9″E				
Size of the sub-project					
Cyclone Shelter – approx. built up area	1000 SQ.M				
Land requirement for the sub project (in I	Ha or m²)				
Total Requirement					
a. Private Land	Nil				
b. Government Land	600 SQ.M of lar	nd in the ownership of			
	Revenue Depar	tment			
c. Forest Land	Nil				
Existing Land use	Barren land				
Approach roads					
Road name	Valiyathura-Sev	vage farm road			
Existing road					
Proposed road	No approach ro	oads proposed			
Boundary wall requirement	No				
Part B: Ascertaining whether the site is a	•				
PART B1: List of sites where sub-projects	are prohibited				
Is the sub-project located in whole or in p	-	Remarks if any			
following environmentally sensitive areas Biosphere reserve	No				
National Park	No				
Wildlife/Bird sanctuary	No				
Game reserve	No				
Tiger reserve/elephant reserve	No				
Wetland	Yes	The site is designated			
vvetialiu	162	wetland area			
Important bird areas	No				
Coastal area with corals	No				
Mangrove area	No				
Estuary with mangroves	No				
Turtle nesting grounds	No				
Swamps/mudflats	No				

44. MPCS at Muttathara, Survey School land						
Notified sensitive eco zone		No				
Is the sub-project located in whole or in		No				
part between the HTL and the LTL?						
Is the sub-project located in whole or in		No				
part 200 metres from an estuary						
boundary?						
Is the sub-project located in whole or in		No				
part 500 meters from flood plain or						
modified flood plain or by flood control						
systems of a riverine system?						
Is the sub-project located in whole or in		No				
part 500 meters from railway line?						
Is the sub-project located in whole or in		No				
part within 100 meters from the						
protected limits of notified archaeologic	cal					
sites or monuments?						
PART C: Environmental Screening Forn	n					
PART C1: Proximity to Coastal Regulate	ory Zone:					
Is the sub-project located in whole or	No		Outside CRZ (The site is			
part within the Coastal Regulation			590m from HTL)			
Zone?						
DART C2: Provimity to onvironmentally	concitivo oro	201				
PART C2: Proximity to environmentally						
Not applicable as the construction area is only 1000 SQ.M.						
PART C3: Environmental screening - ou	PART C3: Environmental screening – outcome					
	itcome					
Screening outcome		ollowing cl	earances are required			
Screening outcome Based on the updating of the screening		ollowing cl	·			
Screening outcome Based on the updating of the screening CRZ clearance		ollowing cl	No			
Screening outcome Based on the updating of the screening CRZ clearance EIA		ollowing cl	No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance		ollowing cl	No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance		ollowing cl	No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening	results, the f	ollowing cl	No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social	results, the f		No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social Screening	results, the f		No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social Does the proposed sub-project activity require any land?	results, the f	es	No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential soc 1. Does the proposed sub-project activity require any land? Private Land (SQ.M)	cial concerns	es O	No No No Yes			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social Does the proposed sub-project activity require any land?	cial concerns	es O	No No No			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential soc 1. Does the proposed sub-project activity require any land? Private Land (SQ.M)	cial concerns	es O	No No No Yes 600 SQ.M of land in			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social social screening 1. Does the proposed sub-project activity require any land? Private Land (SQ.M)	cial concerns	es O	No No No Yes 600 SQ.M of land in ownership of Revenue			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social Screening 1. Does the proposed sub-project activity require any land? Private Land (SQ.M) Govt. Revenue Land (SQ.M)	cial concerns Ye	es O es	No No No Yes 600 SQ.M of land in ownership of Revenue			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social screening 1. Does the proposed sub-project activity require any land? Private Land (SQ.M) Govt. Revenue Land (SQ.M) Forest Land (SQ.M)	cial concerns Ye	es O es	No No No Yes 600 SQ.M of land in ownership of Revenue			
Screening outcome Based on the updating of the screening CRZ clearance EIA Forest clearance Kerala wetland clearance PART D: Social Screening PART D1: Identification of potential social screening 1. Does the proposed sub-project activity require any land? Private Land (SQ.M) Govt. Revenue Land (SQ.M) Forest Land (SQ.M) 2. Does the proposed sub-project	cial concerns Ye	es O es	No No No Yes 600 SQ.M of land in ownership of Revenue			

44. MPCS at Muttathara, Survey School land				
Number of common property		No		
resources (such as religious/cultural/				
drinking water/wells/etc)				
Number of private structures	I	No		
(located on private or public land)				
3. Does the proposed Project activity	ĺ	No		
result in loss of crops/trees which is				
not Government property?				
4. Does the proposed Project activity	ı	No		
result in loss of direct livelihood/				
employment?				
5. Does the proposed activity result in	No			
loss of mangrove ecosystem/social				
forest on which near by				
residents/local population are				
dependent for fuel wood/grazing				
etc.?				
6. Does the proposed Project activity	No			
affect scheduled tribe/ caste				
communities?		•		
Part D (2): Result/Outcome of Social Scr	eening Exe	rcise		
Outcome			NI -	
Social Impact Assessment is required		No		
Abbreviated RAP is required		No		
Full RAP is required			No	
Details of Screening Exercise				
Name		Mary Midhula Maxy		
Designation		Environmental and Social Specialist, State Project Implementation Unit		

45. MPCS at Tsunar	ni Colony, Chiray	inkeezh			
Part A: General Information about the	sub-project				
Sub Project id	NCRMP/KER/TV	M/CHI/CHIRAYINKEEZH 2			
Type of proposed sub-project activity	MPCS				
Location of the sub project activity	<u>.</u>				
State	Kerala	Kerala			
District	Trivandrum				
Taluk	Chirayinkeezh				
Village	Chirayinkeezh-S	arkara			
Panchayath/Municipal Corporation	Chirayinkeezh P	anchayath			
Survey Number	Block: 12, Surve	y no: 725/7 and 10			
Latitude	8°38′38.65″N				
Longitude	76°46′58.52″E				
Size of the sub-project					
Cyclone Shelter – approx. built up area	Site not suitable	for construction			
Land requirement for the sub project (in Ha	or m²)				
Total Requirement					
a. Private Land	Nil				
b. Government Land	No area availabl	e for construction			
c. Forest Land	Nil				
Existing Land use	Tsunami shelter	exists in the site			
Approach roads	l				
Road name	Tsunami colony road				
Existing road	-				
Proposed road	No approach roads proposed				
Boundary wall requirement	No				
Part B: Ascertaining whether the site is a pr	ohibited site				
PART B1: List of sites where sub-projects ar					
Is the sub-project located in whole or in par		Remarks if any			
following environmentally sensitive areas:	,	,			
Biosphere reserve	No				
National Park	No				
Wildlife/Bird sanctuary	No				
Game reserve	No				
Tiger reserve/elephant reserve	No				
Wetland	No				
Important bird areas	No				
Coastal area with corals	No				
Mangrove area	No				
Estuary with mangroves	No				
Turtle nesting grounds	No				
Swamps/mudflats	No				
Notified sensitive eco zone	No				
Is the sub-project located in whole or in	Yes	Site is within 50m			
part between the HTL and the LTL?	103	setback area of			
part between the HIL and the LIL:		JCIDACK AIEA UI			

45. MPCS at Tsunami Colony, Chirayinkeezh				
			backwaters and is in	
			CRZ III category	
Is the sub-project located in whole or ir	1	No		
part200 metres from an estuary				
boundary?				
Is the sub-project located in whole or ir	1	No		
part500 meters from flood plain or				
modified flood plain or by flood control				
systems of a riverine system?				
Is the sub-project located in whole or ir	1	No		
part500 meters from railway line?				
Is the sub-project located in whole or ir	n	No		
part within 100 meters from the				
protected limits of notified archaeologi	cal			
sites or monuments?				
PART C: Environmental Screening Form	n			
PART C1: Proximity to Coastal Regulat	ory Zone:			
Is the sub-project located in whole or	Ye	S	Site is within 50m	
part within the Coastal Regulation			setback area of	
Zone?			backwaters and is in CRZ	
			III category	
PART C2: Proximity to environmentally	sensitive ar	eas:		
Not applicable as the site is not suitable	for construc	tion		
PART C3: Environmental screening – or	utcome			
Screening outcome				
Based on the updating of the screening	g results, the	following o	clearances are required	
CRZ clearance			No	
EIA			No	
Forest clearance			No	
PART D: Social Screening				
PART D1: Identification of potential so	cial concerns			
1. Does the proposed sub-project	Y	es		
activity require any land?				
Private Land (SQ.M)	١	No		
Govt. Revenue Land (SQ.M)		-	Site is not suitable for	
			construction	
Forest Land (SQ.M)	No			
2. Does the proposed sub-project	1	No.		
activity result in demolition/removal				
of existing structures?				
Number of public structures/buildings	ľ	No		
Number of common property	1	No	A Tsunami shlter exists	
resources (such as religious/cultural/			in close proximity to	
drinking water/wells/etc)			the site	
Number of private structures		No		

45. MPCS at Tsunami Colony, Chirayinkeezh					
(located on private or public land)					
3. Does the proposed Project activity	No		0		
result in loss of crops/trees which is					
not Government property?					
4. Does the proposed Project activity		N	0		
result in loss of direct livelihood/					
employment?					
5. Does the proposed activity result in		N	О		
loss of mangrove ecosystem/social					
forest on which near by					
residents/local population are					
dependent for fuel wood/grazing					
etc.?					
6. Does the proposed Project activity		N	0		
affect scheduled tribe/ caste					
communities?					
Part D (2): Result/Outcome of Social Scr	een	ing Exerc	cise		
Outcome					
Social Impact Assessment is required			No		
Abbreviated RAP is required			No		
Full RAP is required		No			
Details of Screening Exercise					
Name		Mary M	Mary Midhula Maxy		
Designation		Environ	nmental and Social Specialist, State		
		Project	Implementatio	n Unit	

46. MPCS at Kulath	ur, Thiruvanantha	apuram		
Part A: General Information about the sub-		•		
Sub Project id	· , ·	M/NEY/KULATHUR-1		
Type of proposed sub-project activity	MPCS	•		
Location of the sub project activity	l			
State	Kerala			
District	Trivandrum			
Taluk	Neyyatinkara			
Village	Kulathur			
Panchayath/Municipal Corporation	Kulathur Pancha	iyath		
Survey Number	Survey number:	286/21,53		
Latitude	8°18′ 21.4″N			
Longitude	77°05′ 28.5″E			
Size of the sub-project				
Cyclone Shelter – approx. built up area	No are available	for construction		
Land requirement for the sub project (in Ha	or m²)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	No are available for construction			
c. Forest Land	Nil	Nil		
Existing Land use	Barren land			
Approach roads				
Road name	Tsunami colony road			
Existing road	-			
Proposed road	No approach roads proposed			
Boundary wall requirement	No			
Part B: Ascertaining whether the site is a pr	ohibited site			
PART B1: List of sites where sub-projects ar	e prohibited			
Is the sub-project located in whole or in par	rt of any of the	Remarks if any		
following environmentally sensitive areas:				
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No			
Notified sensitive eco zone	No			
Is the sub-project located in whole or in part between the HTL and the LTL?	No			
part between the fire and the Lie:		1		

46. MPCS at Kulathur, Thiruvananthapuram						
Is the sub-project located in whole or ir	1	No				
part200 metres from an estuary						
boundary?						
Is the sub-project located in whole or ir	1	No				
part500 meters from flood plain or						
modified flood plain or by flood control	1					
systems of a riverine system?						
Is the sub-project located in whole or ir	1	No				
part500 meters from railway line?						
Is the sub-project located in whole or ir	1	No				
part within 100 meters from the						
protected limits of notified archaeologi	cal					
sites or monuments?						
PART C: Environmental Screening Forn	m					
PART C1: Proximity to Coastal Regulat	ory Zone:					
Is the sub-project located in whole or	No		Site is 700m from			
part within the Coastal Regulation			coastline			
Zone?						
PART C2: Proximity to environmentally sensitive areas:						
Not applicable as adequate area is not available for construction						
PART C3: Environmental screening – outcome						
Screening outcome						
Based on the updating of the screening	g results, the f	following o	clearances are required			
CRZ clearance			No			
EIA			No			
Forest clearance			No			
PART D: Social Screening						
PART D1: Identification of potential so	cial concerns					
1. Does the proposed sub-project	Ye	es				
activity require any land?						
Private Land (SQ.M)	N	0				
Govt. Revenue Land (SQ.M)	-	•	Site is not suitable for			
			construction			
Forest Land (SQ.M)	No					
2. Does the proposed sub-project						
activity result in demolition/removal						
of existing structures?						
Number of public structures/buildings	N					
Number of common property	N	0	A Tsunami shlter exists			
resources (such as religious/cultural/			in close proximity to			
drinking water/wells/etc)	the site					
Number of private structures	No					
(located on private or public land)						

46. MPCS at Kulathur, Thiruvananthapuram					
3. Does the proposed Project activity		No			
result in loss of crops/trees which is					
not Government property?					
4. Does the proposed Project activity		No			
result in loss of direct livelihood/					
employment?					
5. Does the proposed activity result in		No			
loss of mangrove ecosystem/social					
forest on which near by					
residents/local population are					
dependent for fuel wood/grazing					
etc.?					
6. Does the proposed Project activity					
affect scheduled tribe/ caste					
communities?					
Part D (2): Result/Outcome of Social Screening Exercise					
Outcome					
Social Impact Assessment is required No				No	
Abbreviated RAP is required		No			
Full RAP is required		No			
Details of Screening Exercise					
Name		Mary Midhula I	Maxy		
Designation		Environmental	and S	ocial Specialist, State	
		Project Implem	entat	ion Unit	

47. MPCS at Harb	our premises, Viz	hinjam		
Part A: General Information about the sub	•	•		
Sub Project id				
Type of proposed sub-project activity	MPCS			
Location of the sub project activity				
State	Kerala			
District	Trivandrum			
Taluk	Neyyatinkara			
Village	Vizhinjam			
Panchayath/Municipal Corporation	Vizhinjam Panch	nayath		
Survey Number	Block: 12, Surve	y no: 77/12, 77/11		
Latitude	8°22′45.5″N			
Longitude	76°59′22.9″E			
Size of the sub-project				
Cyclone Shelter – approx. built up area	1500 SQ.M			
Land requirement for the sub project (in H	a or m²)			
Total Requirement				
a. Private Land	Nil			
b. Government Land	900 SQ.M			
c. Forest Land	Nil			
Existing Land use	Barren land			
Approach roads				
Road name	Vizhinjam Harbo	our road		
Existing road	-			
Proposed road	No approach ro	ads proposed		
Boundary wall requirement	No			
Part B: Ascertaining whether the site is a p	rohibited site			
PART B1: List of sites where sub-projects a	re prohibited			
Is the sub-project located in whole or in pa	ort of any of the	Remarks if any		
following environmentally sensitive areas:				
Biosphere reserve	No			
National Park	No			
Wildlife/Bird sanctuary	No			
Game reserve	No			
Tiger reserve/elephant reserve	No			
Wetland	No			
Important bird areas	No			
Coastal area with corals	No			
Mangrove area	No			
Estuary with mangroves	No			
Turtle nesting grounds	No			
Swamps/mudflats	No			
Notified sensitive eco zone	No			

47. MPCS at H	arbour prer	nises, Viz	hinjam				
Is the sub-project located in whole or ir	-	Yes	Site is within 200m				
part between the HTL and the LTL?			from HTL and falls in				
•			CRZ II category				
Is the sub-project located in whole or ir	1	No					
part200 metres from an estuary							
boundary?							
Is the sub-project located in whole or ir	1	No					
part500 meters from flood plain or							
modified flood plain or by flood control	l						
systems of a riverine system?							
Is the sub-project located in whole or ir	1	No					
part500 meters from railway line?							
Is the sub-project located in whole or ir	1	No					
part within 100 meters from the							
protected limits of notified archaeologi	cal						
sites or monuments?							
PART C: Environmental Screening Form							
PART C1: Proximity to Coastal Regulat	ory Zone:						
Is the sub-project located in whole or	Yes		Site is within 200m from				
part within the Coastal Regulation			HTL and falls in CRZ II				
Zone?			category				
PART C2: Proximity to environmentally sensitive areas:							
Not applicable as construction area is only 900 SQ.M							
PART C3: Environmental screening – or	utcome						
Screening outcome							
Based on the updating of the screening	g results, the	following c	learances are required				
CRZ clearance			No				
EIA			No				
Forest clearance			No				
PART D: Social Screening							
PART D1: Identification of potential so	cial concerns						
1. Does the proposed sub-project	Ye	es					
activity require any land?							
Private Land (SQ.M)	N	0					
Govt. Revenue Land (SQ.M)	Ye	es	900 SQ.M of land in				
			ownership of Harbour				
			Engineering				
			department				
Forest Land (SQ.M)	N	0					
2. Does the proposed sub-project	N	0					
activity result in demolition/removal							
of existing structures?							
Number of public structures/buildings	N	0					

47. MPCS at Harbour premises, Vizhinjam				
Number of common property	N	lo	Mosque and church	
resources (such as religious/cultural/			exists within 1km	
drinking water/wells/etc)			radius from the site.	
Number of private structures	N	lo		
(located on private or public land)				
3. Does the proposed Project activity	N	lo		
result in loss of crops/trees which is				
not Government property?				
4. Does the proposed Project activity	N	lo		
result in loss of direct livelihood/				
employment?				
5. Does the proposed activity result in	No			
loss of mangrove ecosystem/social				
forest on which near by				
residents/local population are				
dependent for fuel wood/grazing				
etc.?	_			
6. Does the proposed Project activity	N	lo		
affect scheduled tribe/ caste				
	ommunities?			
Part D (2): Result/Outcome of Social Sci	reening Exer	cise		
Outcome			No	
Social Impact Assessment is required		No		
Abbreviated RAP is required		No		
Full RAP is required			No	
Details of Screening Exercise		A'-11- 1- 5-6		
Name	-	Mary Midhula Maxy		
		onmental and Social Specialist, State ct Implementation Unit		

Part A: General Information about the sub-project Sub Project id NCRMP/KER/TVM/NEY/VIZHINJAM-2 Type of proposed sub-project activity MPCS State Kerala District Trivandrum Taluk Neyyatinkara Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No No National Park No
Sub Project id NCRMP/KER/TVM/NEY/VIZHINJAM-2 Type of proposed sub-project activity MPCS Location of the sub project activity Kerala State Kerala District Trivandrum Taluk Neyyatinkara Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Vizhinjam Panchayath Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited Remarks if any
Type of proposed sub-project activity State Kerala District Trivandrum Taluk Neyyatinkara Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
State Kerala District Trivandrum Taluk Neyyatinkara Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter − approx. built up area Area not available for construction Land requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
State Kerala District Trivandrum Taluk Neyyatinkara Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22'57.66"N Longitude 76°59'34.20"E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Taluk Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land b. Government Land c. Forest Land Nil Existing Land use Area not available for construction C. Forest Land Nil Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Village Panchayath/Municipal Corporation Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land b. Government Land c. Forest Land Nil Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Village Vizhinjam Panchayath/Municipal Corporation Vizhinjam Panchayath Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Panchayath/Municipal Corporation Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land b. Government Land c. Forest Land Nil Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Proposed road Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Survey Number Block: 14, Survey no:169 Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Latitude 8°22′57.66″N Longitude 76°59′34.20″E Size of the sub-project Cyclone Shelter – approx. built up area Area not available for construction Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land Nil b. Government Land Area not available for construction c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Size of the sub-project Cyclone Shelter – approx. built up area
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Land requirement for the sub project (in Ha or m²) Total Requirement a. Private Land b. Government Land c. Forest Land Nil Existing Land use Training centres functions in the site Approach roads Road name Coastal Police Station road Existing road Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Total Requirement a. Private Land b. Government Land c. Forest Land Existing Land use Approach roads Road name Existing road Proposed road Boundary wall requirement PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No Area not available for construction Nil Training centres functions in the site Approach roads Coastal Police Station road - No approach roads proposed No approach roads proposed Remarks if any Remarks if any
a. Private Land b. Government Land c. Forest Land Nil Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No Nil Area not available for construction Nil Coastal Police Station road Praining centres functions in the site No approach roads proposed No approach roads proposed Remarks if any No
a. Private Land b. Government Land c. Forest Land Nil Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No Nil Area not available for construction Nil Coastal Police Station road Praining centres functions in the site No approach roads proposed No approach roads proposed Remarks if any No
c. Forest Land Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve Nil Training centres functions in the site Coastal Police Station road No approach roads proposed No approach roads proposed Remarks if any
Existing Land use Approach roads Road name Coastal Police Station road Existing road Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve Training centres functions in the site Coastal Police Station road - No approach roads proposed No Remarks if any
Road name Coastal Police Station road Existing road - Proposed road No approach roads proposed Boundary wall requirement No Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Road name Existing road Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve Coastal Police Station road No approach roads proposed No approach roads proposed No approach roads proposed Remarks if any
Road name Existing road Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve Coastal Police Station road No approach roads proposed No approach roads proposed No approach roads proposed Remarks if any
Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Proposed road Boundary wall requirement Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Part B: Ascertaining whether the site is a prohibited site PART B1: List of sites where sub-projects are prohibited Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
Is the sub-project located in whole or in part of any of the following environmentally sensitive areas: Biosphere reserve No
following environmentally sensitive areas: Biosphere reserve No
·
National Park No
Wildlife/Bird sanctuary No
Game reserve No
Tiger reserve/elephant reserve No
Wetland No
Important bird areas No
Coastal area with corals No
Mangrove area No
Estuary with mangroves No
Turtle nesting grounds No
Swamps/mudflats No
Notified sensitive eco zone No
Is the sub-project located in whole or in No
part between the HTL and the LTL?

48.MPCS at Vizhinjam, Thiruvananthapuram						
Is the sub-project located in whole or in		No				
part200 metres from an estuary						
boundary?						
Is the sub-project located in whole or in		No				
part500 meters from flood plain or						
modified flood plain or by flood control						
systems of a riverine system?						
Is the sub-project located in whole or in		No				
part500 meters from railway line?						
Is the sub-project located in whole or in		No				
part within 100 meters from the						
protected limits of notified archaeologica	ı					
sites or monuments?						
PART C: Environmental Screening Form						
PART C1: Proximity to Coastal Regulator	v Zone:					
Is the sub-project located in whole or	Yes		The site is 500m from			
part within the Coastal Regulation			HTL			
Zone?						
PART C2: Proximity to environmentally sensitive areas:						
Not applicable as adequate area is not ava	ailable for c	onstruction				
PART C3: Environmental screening – outo						
Screening outcome						
Based on the updating of the screening results, the following clearances are required						
CRZ clearance	-		No			
EIA	3.00.00.00.00					
Forest clearance			No			
Kerala wetland clearance			Yes			
PART D: Social Screening						
PART D1: Identification of potential social	al concerns					
1. Does the proposed sub-project	Ye	es				
activity require any land?						
Private Land (SQ.M)	N	0				
Govt. Revenue Land (SQ.M)	_		Two training centres			
construction control (c. Q ,			exists in the site. No			
			area avaible for			
			construction of MPCS.			
Forest Land (SQ.M)	N	0	2553. 550.011 01 1111 001			
2. Does the proposed sub-project	IN.					
2. Does the proposed sub-project activity result in demolition/removal	N					
activity result in demolition/removal	N					
activity result in demolition/removal of existing structures?						
activity result in demolition/removal of existing structures? Number of public structures/buildings	N	0				
activity result in demolition/removal of existing structures?		0				
activity result in demolition/removal of existing structures? Number of public structures/buildings	N	0				

48.MPCS at Vizhinjam, Thiruvananthapuram					
Number of private structures		No			
(located on private or public land)					
3. Does the proposed Project activity		No			
result in loss of crops/trees which is					
not Government property?					
4. Does the proposed Project activity		No			
result in loss of direct livelihood/					
employment?					
5. Does the proposed activity result in	No				
loss of mangrove ecosystem/social					
forest on which near by					
residents/local population are					
dependent for fuel wood/grazing					
etc.?					
6. Does the proposed Project activity	No				
affect scheduled tribe/ caste					
mmunities?					
Part D (2): Result/Outcome of Social Screening Exercise					
Outcome					
Social Impact Assessment is required			No		
Abbreviated RAP is required			No		
Full RAP is required			No		
Details of Screening Exercise					
Name		-	ry Midhula Maxy		
Designation			nmental and Social Specialist, State		
	Project Implementation Unit				

12. Format for entering update/revision

SI	Date of entry of	Category	Detailed description	Date of	Authorised
no	update/revision	update/revision	of update/revision	effectiveness of	signatory
		(Design/Legal/		update/revision	
		Environment/S			
		ocial/Other)			