

**SCIENCE AND TECHNOLOGY DEPARTMENT, SASTHRA BHAVAN, PATTOM,
THIRUVANANTHAPURAM - 695 004**

**Minutes of the 61st Meeting of Kerala Coastal Zone Management
Authority.**

Date & Time : 20th December, 2013 at 2:30 P.M
Venue : Sasthra Bhavan, Pattom, Thiruvananthapuram

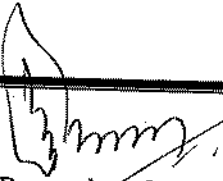
The meeting commenced at 2:30 P.M.


Members Present:

1. Prof. V.N.Rajasekharan Pillai, Chairman, KCZMA.
2. Sri. James Varghese, Principal Secretary, Local Self Government Department.
3. Dr. A. Ramachandran, Professor and Director, School of Industrial Fisheries, Fine Arts Avenue Cochin-682 016
4. Smt.V.T.Lovely, Senior Environmental Engineer, KSPCB
5. Sri. G. Rajeev, Additional Secretary, Environment Department
6. Dr. K. Padmakumar, Aquatic Biology, University of Kerala, Thiruvananthapuram 695 581
7. Dr. D. Sajith Babu, Assistant Commissioner, Commissionerate of Land Revenue.
8. Sri. Baby John, Director, MCITRA.
9. Sri. Hari P. Nair, Joint Secretary, Fisheries Department
10. Dr. K. K. Ramachandran, Member Secretary, KCZMA

The Chairman welcomed the members and decided to take up the agenda items.

The Government Order constituting the District Level Committees to enforce and monitor the provisions of the CRZ Notification was circulated among the members. The Member Secretary also circulated a draft circular to be issued by the KCZMA as the guidelines on the powers and functions of the District Level Committees. It was decided that the members will inform comments/modifications on the draft circular which will be placed in the next meeting of the KCZMA for consideration.


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Agenda Item No. 61.1

Confirmation of the Minutes of the 60th meeting held on 27.11.2013

The minutes of the 60th meeting of the KCZMA held on 27.11.2013 was confirmed.

Action taken on the minutes of the 60th meeting of the KCZMA will be taken up in the forthcoming meeting.

Agenda Item No. 61.2

Consideration of Deferred Agenda items of the 60th meeting.

Then the committee took up the following Deferred Agenda Items of the 60th meeting for discussion and decision.

Deferred Agenda Item No. 61.2.1

File No. 208/A2/2011/KCZMA/S&TD

Report of the Sub Committee constituted to study the CRZ aspects for construction of Houses under Government Housing Scheme in Edavanakkad Grama Panchayath

A Sub Committee was constituted to study the CRZ aspects with regard to the proposal for the construction of Houses under Government Housing Scheme in Edavanakkad Grama Panchayath. The same was considered in the 60th meeting of KCZMA and decided to defer the item for further clarification on the report submitted by the sub-committee.

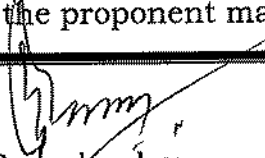
The report was re-submitted bringing clarity to the points raised earlier. This was discussed in the KCZMA meeting in detail and the committee approved the report and decided to proceed as per the recommendations of the sub-committee report (annexure).


Deferred Agenda Item No. 61.2.2

File No. 2103/A3/2013/KCZMA/S&TD

Mining of Heavy Mineral Sand from 9.025 acres in Neendakara Village, Kollam

The KCZMA discussed the proposal in the 60th meeting on 27.11.2013 and as desired the proponent made a presentation in the KCZMA meeting.


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After detailed discussion, the KCZMA opined that as per Section 4 sub-section (ii) of the CRZ Notification 2011, the mining activity within the CRZ requires clearance from MoEF. Therefore, the proponent has to submit all mandatory documents to KCZMA as listed under the Section 4.2 sub-section (i) of the CRZ Notification 2011 in order to consider recommending to the MoEF.

**Deferred Agenda Item No. 61.2.3
File No. 1756/A2/2013/KCZMA/S&TD**

Regularisation of Shop building constructed by Sri. T. Vijayan, Vismaya, P.O Muzhappilangadu, Kannur

Shri.T.Vijayan, Vismaya, P.O. Muzhappilangadu, Kannur requested regularization of a shop building constructed with plinth area of 10.99m², Single floor in Re. Sy. No. 65/13 of Muzhappilangad Village located at 47m from HTL of Anjarakandy river. The area is in the No Development Zone of CRZ-III and as per CRZ Notification 2011, Clause 8 III A (ii) no new constructions can be permitted in the No Development Zone.


The KCZMA discussed the request in detail and observed that the construction is in violations of the provisions of CRZ Notification 2011. Therefore, it is decided to issue notice in accordance with the Environment (Protection) Act 1986.

**Deferred Agenda Item No. 61.2.4
File No. 1571/A2/2013/KCZMA/S&TD**

Regularization of Residential building constructed by Sri. Pariyantevida Kamarudheen, S/o. Asainar, Palakkot.P.O (Via) Vengara, Malappuram

Sri. Pariyantevida Kamarudheen, S/o. Asainar, Palakkot.P.O, Via Vengara, Malappuram requested regularisation of Residential Building constructed with plinth area of 125.98m². Two floor (Ground + Stair room), height less than 9m in Re. Sy. No. 1/1A6 of Ramanthali Village located on the banks of Palakkod River 60m from HTL. Ramanthali is an Island with sea on the west and backwater / river on other sides.


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KCZMA discussed the proposal in detail and decided that special dispensation applicable to Backwater islands in Kerala shall be applied to this particular area considering its peculiar geomorphological settings with one side being bound by the Arabian Sea and all other sides covered by the backwater. Further, in this particular case, the residential building constructed by Sri. Pariyantevida Kamarudheen with plinth area of 125.98m². Two floor (Ground + Stair room), height less than 9m in Re. Sy. No. 1/1A6 of Ramanthali Village located on the banks of Palakkod River beyond 50m from HTL of backwater (60m from the HTL), the KCZMA has decided to grant CRZ clearance.

**Deferred Agenda Item No. 61.2.5
File No. 1916/A2/2013/KCZMA/S&TD**

Suit Notice is filed by Advocates Sri. C.S.Manu & Sri. S.K.Premraj on the illegal construction along the banks of backwater in Ernakulam District

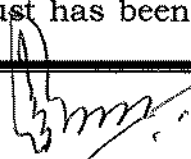
A Suit Notice has been filed by Advocates Sri.C.S.Manu and Sri.S.K.Premraj on the illegal constructions along the banks of backwater in Ernakulam District. The issue of major violations in Cochin Corporation and Maradu Municipal area is dealt within file No. 1803/A2/10/S&TD. Though notice has been issued to the concerned authorities, final report is still pending. The Sub Committee constituted for the identification of violations in the Coastal Districts may consider the issue seriously at the time of site visit. The violations made in Thripunithura Municipality has not been identified so far.


The Sub-Committee constituted by KCZMA earlier for site visit to report violations around the Kochi area as per the Order No. 154/A2/2012/KCZMA dated 30-7-2013 shall visit and report the status of violations in Cochin Corporation, Maradu Municipality and Thripunithura Municipality areas.

**Deferred Agenda Item No. 61.2.6
File No. 60/A2/2013/KCZMA/S&TD**

Establishment of Container Freight Station at Cochin Port Trust

The proposal for the establishment of a Container Freight Station at Cochin Port Trust has been considered by the KCZMA in its 55th and 57th meetings.


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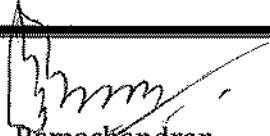
The Authority decided to obtain specific documents regarding the time of reclamation. Accordingly the Port Trust Authorities furnished a reply. On a close reading of the same it is felt that the environment clearance mentioned therein is in respect of ICTT for which the reclamation of 350 acres was made. The port Trust has come to the conclusion that the reclamation was done prior to November 1984 as derived from the letter of Chief Engineer and Agenda for the meeting of Board of Trustees held as 29th November 1984, wherein the reclamation of 350 acres is mentioned. The copy of the resolution attached there to is not properly authenticated.


The KCZMA considered the proposal and after detailed discussion it was decided that CRZ clearance for the CFS proposal can be considered subject to the authentication from Cochin Port Trust that the land under consideration of the said Project is part of the reclaimed land as per the Tripartite agreement between the President of India, the Board of Trustees of the Port of Cochin and the Government of Kerala signed on 19-4-1982.

Deferred Agenda Item No. 61.2.7
File No. 1037/A3/2012/KCZMA/S&TD

CRZ violations in Karumkulam Grama Panchayath, Neyyattinkara, Trivandrum alleged by Sri.T.Joseph

Sri. T. Joseph residing at Leema Cottage, Kallumukku in Karumkulam Grama Panchayath, Neyyattinkara, Thiruvananthapuram has furnished a petition seeking CRZ clearance for the building being constructed in the Karumkulam Grama Panchayath for conducting an Ayurveda Hospital. In his petition the petitioner has alleged that many CRZ violations have taken place near to his construction site with the permission of the Grama Panchayath. A Committee was constituted vide decision of the 58th meeting of KCZMA held on 27.07.2013 to enquire into the violations. The Committee furnished its report which recommended that "the proposed site for Ayurvedic Hospital lies in No Development Zone of CRZ III and hence not permissible. Two double storied residential buildings are found to be constructed in CRZ III, adjacent to the proposed site of Shri. T.Joseph. The above buildings obtained permission from Karumkulam Grama Panchayath. It may also be noted that the proposal has been examined by KCZMA earlier and disposed of vide Government letters No. 1146/A2/09/S&TD dated, 21.01.2010 and 620/A2/2010/S&TD dated, 24.04.2010.


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The KCZMA discussed the issue in detail and decided to obtain a report from the Secretary, Karumkulam Grama Panchayat pertaining to the violations reported and further proceed with action based on the provisions of Environment (Protection) Act 1986.

Deferred Agenda Item No. 61.2.8
File No. 1992/A3/2013/KCZMA/S&TD

Construction of Residential Building for Shri. Serafin. B, Periyazhikath, Kureepuzha, 36/16, Thrikkadavoor, Kollam.

Shri. Serafin.B, Periyazhikath, Kureepuzha, 36/16, Thrikkadavoor, Kollam proposed construction of residential building with plinth area of 84.78m² in Re. Sy. No. 36/14 of Thrikkadavoor Village Single Floor, Height : 6m. The proposed construction is in the No Development Zone of CRZ-III.


The KCZMA considered the proposal and decided that since the applicant belongs to the fishermen community and the construction being located at an elevated ground, CRZ clearance can be granted subject to the condition that the plinth area of the residential building to be constructed shall not exceed 60 m².

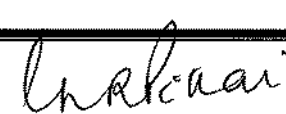
Deferred Agenda Item No. 61.2.9
File No. 1914/A2/2013/KCZMA/S&TD (2)

Construction of Residential Building by Mr. Patric Devarev, S/o. Kornely, Panekkulath House, Njarakkal P.O, Ernakulam

Mr. Patric Devarev, S/o Kornely, panekkulath House, Njarakkal P.O, Ernakulam proposed construction of residential Building with plinth area of 87.24m², two floor, height 5.70m in Re. Sy. No. 589/17 of Njarakkal Village. The construction is 30m from HTL of backwater and 25m from Pokkali field.

The KCZMA considered the proposal and decided that since the applicant belongs to local community, CRZ clearance can be granted subject to the condition that the plinth area of the residential building to be constructed shall not exceed 60 m².


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Deferred Agenda Item No. 61.2.10
File No. 1914/A2/2013/KCZMA/S&TD(3)

Regularisation of Construction of Residential Building by Mr. Antony Godfree D'Silva, S/o Gaper D'silva, Oliparambil House, Manjanakkad, Njarakkal P.O, Ernakulam.

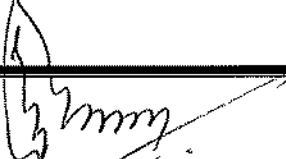
Mr. Antony Godfree D'Silva, S/o Gaper D'silva, Oliparambil House, Manjanakkad, Njarakkal P.O, Ernakulam requested regularisation of residential building constructed with plinth area of 82.92m², 2 floors, height 6.00m in Re.sy. No.577/6 of Njarakkal Village. The construction is 350m from HTL of backwater and less than 50m from the HTL of Pokkali fields. The area is part of Vypeen island. The CRZ is limited to 50m on the backwater side and therefore the building is located in No Development Zone.


The KCZMA discussed the request for regularisation and observed that as per CRZ Notification 2011 Clause 8 V 2 (iii) within 50m from HTL of backwater islands existing dwelling units of local communities may be repaired or reconstructed, however no new construction shall be permitted. Hence, the request for regularisation is declined in view of the construction being made in violation of provisions of CRZ Notification.

Deferred Agenda Item No. 61.2.11
File No. 1793/A2/2012/KCZMA/S&TD

Extention of the term of appointment of Adv. Prakash Vadakkan, Standing Counsel, KCZMA

1. Adv. Prakash Vadakkan is presently engaged as the Standing Counsel of KCZMA in Hon'ble High Court. His term of appointment expired on 01.05.2013. As per GO (Rt) No. 75/2012/S&TD dated, 01.10.2012 that says terms and conditions of his appointment, he is eligible for a retainer of Rs.5,000/- (Rupees Five Thousand only) per mensem, Rs.3,000/- (Rupees Three Thousand only) for each case and Rs.1,000/- (Rupees Thousand only) as stationery charges for each case. Besides his duties are also specified in the GO.


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2. Now his term of appointment as Standing Counsel has been extended for one more year with effect from 01.05.2013 on existing terms and conditions. However he had proposed the authority to revise his remuneration in the following manner with effect from 01.05.2013.

	Item	Existing Amt.	Proposed Amt.
1.	Retainer fee.	5,000/-	10,000/-
2.	Fee for each case.	3,000/-	7,500/-
3.	Stationery charges	1,000/-	2,000/-

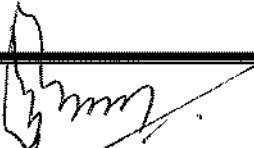
3. Apart from this, he had claimed Rs.2,26,500/- (Rupees Two Lakhs Twenty Six Thousand and Five Hundred only) leaving out his eligible remuneration, for conducting 7 cases (WPs) in which Hon'ble High Court has delivered a land mark judgement (to remove the structures of M/s. Vamika and M/s. Kapico Resorts in two islands in ALP so far as it violates CRZ Rules) connected with the CRZ violations in the State. Claim which is not supported with any documentary evidences or supporting vouchers/bills, states that he had attended 99 days hearings (for which he claim Rs.2,000/- per sitting i.e. Rs.1,98,000/-) and spent 28,500/- as stationery and other charges.

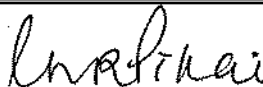
The KCZMA considered the above proposals and after detailed discussion decided the following.

- (1) **The KCZMA ratified the action of extending the term of Adv. Prakash Vadakkan as Standing Counsel for one more year w.e.f. 01.05.2013.**
- (2) **The KCZMA recommended revision of the remuneration of the Standing Counsel as follows:**

	Item	Revised Amount.
1.	Retainer fee.	6,000/-
2.	Fee for each case.	3,500/-
3.	Stationery charges	1,250/-

- (3) **The KCZMA also decided that the claim of Rs.2,26,000/- made by the Standing Counsel for conducting 7 WPs in Hon'ble High Court as stated in para 3 can be considered for payment subject production of bills.**


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Deferred Agenda Item No. 61.2.12
File No. 1901/A3/2013/KCZMA/S&TD

Construction of Residential Building by Smt. Sheeja.S, Shuja Bhavan, Ottur, Manambur.P.O, Thiruvananthapuram

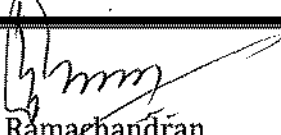
Smt. Sheeja.S, Shuja Bhavan, Ottur, Manambur.P.O, Thiruvananthapuram proposed Construction of residential building with plinth area of 478.28m² with F.A.R 1.04 in Re. Sy. No. 501/3-2 of Varkala Village. 120m from HTL of sea. The area is in CRZ-II as per the cadastral CRZ map of Varkala Municipality. As per CRZ Notification 2011, Clause 8 II (i) & (ii) building shall be permitted only on the landward side of the existing road or on the landward side of existing authroised structures. Building permitted on the landward side of the existing and proposed roads or existing structures shall be subject to the existing local town and country planning regulations including the existing norms of FSI/FAR as on 19th February 1991. Construction of building for Tourism activity for temporary occupation of tourists will not be permissible in between 0-200 m from HTL of sea. The purpose is written as Residential. But the building plan reflects a Hotel. Hence the condition that Tourism activity shall not be permitted in the building may be strictly adhered to. If the building is for Tourism the CRZ clearance from Ministry of Environment & Forest is mandatory even in CRZ-II.


The KCZMA discussed the proposal in detail and decided that a team consisting of Dr. K. Padmakumar, Dr. Sajith Babu and an official from the S&T Department will visit the site and submit report for the consideration of KCZMA.

Deferred Agenda Item No. 61.2.13
File No. 1945/A3/2013/KCZMA/S&TD

Regularisation of building constructed for Commercial purpose by Sri.Shibu.S, Alisseril, Punnapra.P.O, Alappuzha

CRZ clearance for regularization of Commercial building owned by Sri.Shibu.S, Alisseril, Punnapra.P.O, Alappuzha has already been declined vide letter No. 461/A3/11/KCZMA/S&TD dated, 18.04.2011 and the Secretary, Punnapra Grama Panchayath was instructed to initiate action to demolish the


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building. Again, an application of Sri.Shibu.S has been received through the Local Self Government (RA) Department for the same purpose. The Environment Group has remarked that "as the construction is made the No Development Zone (NDZ) of CRZ-III and as Commercial building is not permissible in CRZ area, its regularization is not possible".

The KCZMA discussed the proposal in detail and decided to decline the request. The Secretary, Punnapra Grama Panchayat will be informed of the decision and to take action according to the provisions of EP Act 1986.

Agenda Item No. 61.3

Consideration of new Agenda Items of 61st meeting

The KCZMA then took up the new Agenda Items consideration

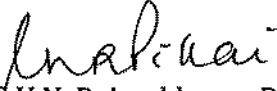
Agenda Item No. 61.3.1

File No. 702/A3/2013/KCZMA/S&TD

CRZ Violations by M/s. Heera Kerala Developers Pvt. Ltd. in Akkulam, Thiruvananthapuram

57th meeting of the KCZMA discussed the proposal for construction of Apartment buildings by M/s. Heera Kerala Developers Pvt. Ltd. and noted that there is a disparity in the NOC issued by Pollution Control Board and it is further noted that the proposed construction falls partly in CRZ area where new constructions are prohibited. KCZMA decided that the area which was reclaimed by the proponent need to be restored and initiate action against reclamation of lake by invoking Environment Protection Act, 1986. As per the KCZMA decision Showcause Notice was issued to the proponent Sri.Abdul Rasheed on 12.08.2013 for furnishing reply within 15 days. Subsequently, on the basis of his request, time limit to furnish the reply was extended upto 30.09.2011 with a condition that no construction shall be done in CRZ area until a decision in this regard is taken. However the proponent has again requested extension of time (upto 31.10.2013) which was rejected and Managing Director, Heera Pvt. Ltd. was directed to furnish the reply by return (on 10.10.2013). However no reply is seen received from the project proponent till date.


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KCZMA discussed the issue in detail and decided to direct the Secretary, Thiruvananthapuram Corporation and the District Collector to take action as per the provisions of EP Act 1986. Further, the Electricity Board and Kerala Water authority will be directed on denying the utilities.

**Agenda Item No. 61.3.2
File No. 2107/A3/2013/KCZMA/S&TD**

Construction of Residential Building by Sri.Vimal Deth, Alummoottil, Adinad, Karunagapally, Kollam


Shri. Vimal Deth, Alummoottil, Adinad, Karunagapally, Kollam has proposed construction of residential building with plinth of 152.41m², Double storied. Height 7.53m in survey No. 284/2-4, 12.89 cents in K.S.Puram Village, Karunagapally. The construction is 51m from High Tide Line of the inland waterbody (Canoly Canal) having tidal influence. The width is more than 100m. The CRZ landward of High Tide Line is 100m. This is also No Development Zone of CRZ III. As per CRZ Notification 2011, Clause 8 III A (i) no new constructions can be permitted in the area except reconstruction of authorized structures without increase in plinth area, FSI and density. KCZMA had permitted dwelling unit for the same applicant in same plot vide letter No. 1498/A3/12/KCZMA/S&TD dated, 11.12.2012, with a plinth area of 14m²

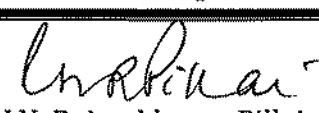
The KCZMA discussed the proposal in detail and decided to decline the request for CRZ clearance to construct the residential building.

**Agenda Item No. 61.3.3
File No. 2111/A3/2013/KCZMA/S&TD**

Regularisation of Reconstructed building by Sri. Radhakrishnan and Smt.Ramani, Thudiyil Thekethil, Perumon, Kollam

Sri.Radhakrishnan and Smt.Ramani, Thudiyil Thekethil, Perumon, Kollam reconstructed a building with a plinth area 37.52m², Single floor in Sy. No. 13/5/3 o Thrikaruva Village & Grama Panchayath. 6.3m from HTL of Ashtamudi backwater. The area is in the No Development Zone of CRZ-III.


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Reconstruction of authorized structures can be permitted in the No Development Zone (NDZ) of CRZ-III without increase in existing plinth area, existing FSI and density.

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the residential building with a plinth area of 37.5m².

Agenda Item No. 61.3.4

File No. 1959/A3/2013/KCZMA/S&TD

Construction of Residential Building by Smt. Lissy, Thekkevila, Kurakkanni, Varkala, Thiruvananthapuram

Smt. Lissy, Thekkevila, Kurakkanni, Varkala, Thiruvananthapuram proposed construction of residential building with plinth area of 183m². Two floor. (FAR not provided) in Sy. No. 519/13-1-2 of Varkala Village. 6.25 cents. The construction is proposed 240m from HTL of sea which is CRZ-II as per the cadastral scale CRZ map prepared by CESS. As per CRZ Notification 2011, Clause 8 II (C) buildings shall be permitted only on the landward side of the existing road and on the landward side of existing authorized structures. Building permitted shall be as per existing norms of FSI / FAR as on 19th February 1991. The Secretary, Varkala Municipal Council has informed that a 31 year old authorized building is situated in the Western side of the plot proposed for construction

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the proposal to construct a residential building with plinth area of 183m² in Sy No, 519/13-1-2 of Varkala Village.


Agenda Item No. 61.3.5

File No. 1494/A3/2012/KCZMA/S&TD

CRZ violations around Akkulam Lake, Thiruvananthapuram

While investigating a complaint about alleged CRZ violations in Akkulam area by Heera Builders, Dr.K.V.Thomas, Scientist-G, CESS has reported that few other buildings and apartments on the banks of Akkulam Lake which are under construction or already constructed may also come under the purview of violation of the provisions of CRZ Notification and thus warrants a closer


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scrutiny. He has also reported that KSUDP has got demarcated the HTL, LTL and CRZ for the Coastal Zone of Akkulam Lake in 1:4000 scale in 2009 under the Theerapatham project. Accordingly, Chief Town Planner and Secretary of Thiruvananthapuram Corporation were advised to refer the above CRZ Map before giving license / permission for construction around Akkulam Lake and also directed the project proponents to get CRZ recommendation for any developmental activities on the banks of Akkulam Lake.

KCZMA discussed the issue in detail and decided that a committee consisting of Dr. Sajith Babu, Dr. Padmakumar and an official from S&T Department will visit the locations along with revenue officials to report to the KCZMA on the violations for further action.

Agenda Item No. 61.3.6

File No. 2049/A3/2013/KCZMA/S&TD

Re-construction of Residential Building by Sri. Sivan & Smt. Shobhana Sivan, Puthiyaveetil, Panabukkad, Vaikom, Kottayam

Sri. Sivan & Smt. Shobhana Sivan, Puthiyaveetil, Panabukkad, Vaikom, Kottayam proposed re-construction of residential building with a plinth area of 60.27m², single floor in Sy.No. 144/5 of Naduvilagad Village. 20m from HTL of backwater. The area is in the No Development Zone of CRZ-III. As per CRZ Notification 2011, Clause 8 III A (ii) reconstructions of existing authorized structures can be permitted without increase in existing plinth area, FSI and density.

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance subject to the condition that the plinth area of the reconstruction shall not exceed 60m².

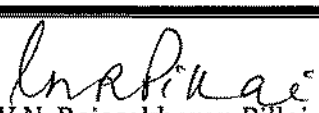
Agenda Item No. 61.3.7

File No. 2270/A3/2013/KCZMA/S&TD

Interim Order of Hon'ble High Court in WP(C) No. 27463/13 filed by Lazar Paulin, Thiruvananthapuram - Compliance

Sri. Lazer Paulin, Pallithura, Thiruvananthapuram have filed WP(C) No. 27463/13(G) before the Hon'ble High Court for staying the demolition of


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St.Mary Magdalene's Catholic Church, Pallithura, Thiruvananthapuram. The Hon'ble Court in its interim order dated, 12.11.2013 have directed the third respondent, KCZMA to inspect the disputed chapel and submit a report to the Court on the question as to whether it comes within the Coastal Regulation Zone.

The KCZMA discussed the direction issued by Hon'ble High Court and decided that a team consisting of Dr. K. Padmakumar, Dr. K. Sajith Babu and an official from S&T Department shall conduct site inspection to submit a report to the KCZMA.

Agenda Item No. 61.3.8

File No. 1993/A3/2013/KCZMA/S&TD

Construction of Residential Building by Sri. Vijayakumar, Thuruthel, Udayanapuram, Ernakulam

Sri. Vijayakumar, Thuruthel, Udayanapuram, Ernakulam proposed construction of building with a plinth area of 58.22m², single floor, Height : 4.79m in Sy. No. 47/16 of Vadekkemuri Village. The construction is 28m from HTL of backwater. The area is in the NDZ of CRZ-III. As per CRZ Notification 2011, Clause 8 III A (ii) No new constructions can be permitted in the No Development Zone of CRZ-III. The applicant belongs to traditional fisherfolk community

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance to the proposed construction of building with a plinth area of 58.22m², single floor, Height : 4.79m in Sy. No. 47/16 of Vadekkemuri Village.


Agenda Item No. 61.3.9

File No. 2440/A3/2013/KCZMA/S&TD

Complaint of Kerala Hotel & Restaurant Association, Thiruvananthapuram with respect to road constructed by Vizhinjam International Seaport without CRZ clearance and EIA Clearance

The Kerala Hotel & Restaurant Association, Thiruvananthapuram has submitted a complaint against Vizhinjam International Seaport Ltd alleging


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that VISL have constructed a road in the Vizhinjam Port area without obtaining CRZ clearance and EIA clearance. The said Association has requested to take action against this violation.

The KCZMA discussed the complaint and decided to issue notice to the VISL according to the provisions of CRZ Notification.

Agenda Item No. 61.3.10

File No. 2458/A3/2013/KCZMA/S&TD

Construction of Residential Building by Sri.Ranjith.R, Charuvil Veedu, Vellimon (W).P.O, Kollam – 691 511

Sri.Ranjith.R, Charuvil Veedu, Vellimon (W).P.O, Kollam proposed construction of building with a plinth area of 85.19m², Two floor, Height : 6.75m in Sy. No. 520/6-2 of Perinad Village. 80m from HTL of Ashtamudi backwater. The area is classified as CRZ-III No Development Zone. As per CRZ Notification 2011, Clause 8 III A (ii) No new constructions can be permitted in the No Development Zone of CRZ-III. KCZMA had earlier permitted construction in these area based on the elevation of the land from HTL on a case to case basis. The proposed building lies at an elevation of 10m from water level.

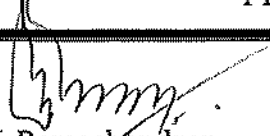
The KCZMA discussed the proposal in detail and decided to grant CRZ clearance subject to the condition that the construction of the residential building shall not exceed total plinth area of 60m².


Agenda Item No. 61.3.11

File No. 2358/A3/2013/KCZMA/S&TD

Regularisation of a Residential Building constructed by Sri. Ernest and Smt. Jessy Madathil Veedu, Kureepuzha, Thrikkaruva

Sri. Ernest and Smt. Jessy Madathil Veedu, Kureepuzha, Thrikkaruva requested regularisation of building constructed for residential purpose with plinth area of 39.77m² Single Floor, Height 4.15m in Sy. No. 471/359 of Thrikkaruva village the construction is made at a distance of 36m HTL of backwater. The area is in the NDZ of CRZ-III. As per CRZ Notification 2011, Clause 8 III A (ii) no new construction can be permitted in the No Development Zone of CRZ III. The applicant belongs to fisher folk community.


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The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the building constructed for residential purpose with a plinth area of 39.77m² in Sy No. 471/359 of Thrikkaruva Village.

Agenda Item No. 61.3.12
File No. 2454/A3/2013/KCZMA/S&TD

Re-Construction of Residential Building by Smt. Anitha Kumari, Ponchadazhikathu, Kanjaveli.P.O, Kollam

Smt. Anitha Kumari, Ponchadazhikathu, Kanjaveli.P.O, Kollam proposed reconstruction of residential building with plinth area of 124.3m², Two floors, Height : 6.50m in Sy. No. 329/9 of Thrikkaruva Village, Kollam. The site is 65m from HTL of backwater. As per CRZ Notification 2011, Clause 8 III A (ii) reconstruction of authroised structures can be permitted without increase in existing plinth area, FSI and density. Existing building is 60m² as per the tax receipt. There is 3m elevation from Water level of Ashtamudi backwater

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for reconstruction of the residential building subject to the condition that the total plinth area of the building shall not exceed the plinth area of the existing building which is 60m².

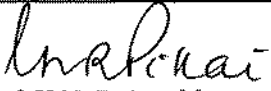
Agenda Item No. 61.3.13
File No. 2337/A3/2013/KCZMA/S&TD

Construction of Residential Building by Sri. G. Dayaparan, Karukaparambil, Punnapra, Alappuzha

Sri. G. Dayaparan, Karukaparambil, Punnapra, Alappuzha proposed construction of residential building with plinth area of 135.60m² · 2 Floor, Height 7.28m the construction is 70m from HTL of sea in Sy. No. 9/5-1 of Punnapra Village. The area is in the NDZ of CRZ-III. As per CRZ Notification 2011, Clause 8 III A (ii) No new construction can be permitted in the No Development Zone of CRZ III. Only reconstruction can be permitted subject to conditions.

The KCZMA discussed the proposal in detail and decided to decline CRZ clearance for the proposed construction with a plinth area of 135.60m².


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Agenda Item No. 61.3.14
File No. 2476/A3/2013/KCZMA/S&TD

Construction of Commercial Building by Sri.Symon Perera, Kulangara, Kadinamkulam, Thiruvananthapuram

Sri. Symon Perera, Kulangara, Kadinamkulam, Thiruvananthapuram proposed construction of a Commercial Building with plinth area of 144m². Single floor. Height : 2.7m. Sy. No. 317/2-3 of Kadinamkulam Village, the site is 165m from HTL of sea. The area is in the No Development Zone of CRZ-III. As per CRZ Notification 2011, Clause 8 III A (ii) No new constructions can be permitted in the No Development Zone of CRZ-III

The KCZMA discussed the proposal in detail and decided to decline CRZ clearance for the proposed construction with a plinth area of 144m².

Agenda Item No. 61.3.15
File No. 2323/A3/2013/KCZMA/S&TD

Construction of Residential Building by Smt.Meenakumari, Kuttiyazhikathu Veedu, Ashtamudi, Thrikkaruva Panchayath, Kollam

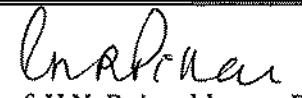
Smt. Meenakumari, Kuttiyazhikathu Veedu, Ashtamudi, Thrikkaruva Panchayath, Kollam proposed construction of building with a plinth area of 190.68m², Single floor, Height : 3.96m in Sy. No. 49/2 of Thrikkaruva Village. The construction is proposed 25m from HTL of backwater. The area is in the No Development Zone of CRZ-III and as per CRZ Notification 2011, Clause 8 III A (ii) No new constructions can be permitted.

The KCZMA discussed the proposal in detail and decided to decline CRZ clearance for the proposed construction with a plinth area of 190.68m².

Agenda Item No. 61.3.16
File No. 2320/A3/2013/KCZMA/S&TD

Renewal of mining lease for Mining of Heavy Sand minerals by mechanized dredge mining at KMML Lease Block-I - Terms of Reference (TOR) approval for conducting EIA


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Managing Director, The Kerala Minerals and Metals Ltd, Sankaramangalam, Chavara, Kollam requested recommending for approving Terms of Reference (TOR) for EIA report preparation to MoEF, Government of India for consideration of renewal of Mining lease for Mining of Heavy sand minerals by mechanized dredge mining at KMML lease Block No.1 in Sy. No.25-112A of Neendakara Village covering an area of 34.285 Hectares in Karunagappally taluk Kollam District. Mining is proposed by inland mining using pontoon mounted submersible pumps and by mechanical dredge mining. Dredge mining combined with pontoon mining will also be carried out. The tailings will be refilled in the same land, which will constitute about 83% of the mined mineral.

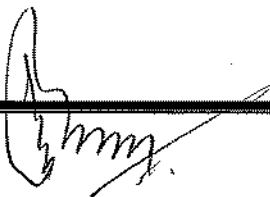
As per the CRZ maps prepared by CESS the Block I extends from Neendakara inlet towards north upto Puthanthura in Neendakara Panchayat. The CRZ maps are given in 3 sheets. It has the seacoast and also the inlet. The entire coastal stretch of this area is protected by seawall. There are no mining sites operating here. The CRZ of the area belongs to CRZ III. The coastal waters upto 12nm and the bed are CRZ IV. As per CRZ Notification 2011, Clause 2 X-Mining of sand, those rare minerals not available outside the CRZ area can be permitted only with prior approval of MoEF, Government of India (clause 4(i) (g) of CRZ notification).

After the presentation made on the EIA aspects of the proposed mining block by the proponent, the KCZMA discussed the proposal in detail and decided to recommend the proposal to the MoEF. It was also decided to specifically point out that the ecologically sensitive areas shall be excluded from the mining activities while recommending the same to the MoEF.

**Additional Agenda Item No. 61.4.1
File No. 1070/A2/2013/KCZMA/S&TD**

Appointment of an Additional Standing Counsel for the Authority

Adv. K.R Sunil had been appointed as standing Counsel of KCZMA. The Registrar of the High Court has also been informed of this. This matter is being brought to the notice of the KCZMA.


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The KCZMA took note of the same and decided to approve the appointment of Adv. K.R. Sunil as Additional Standing Counsel of KCZMA.

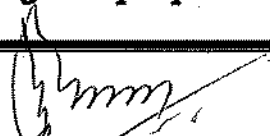
**Additional Agenda Item No. 61.4.2
File No. 2319/A3/2013/KCZMA/S&TD**


Renewal of Mining lease for Mining of Heavy Sand Minerals by Kerala Minerals & Metals Ltd., Kollam.

Managing Director, The Kerala Minerals and Metals Ltd, Sankaramangalam, Chavara, Kollam requested recommending for approving Terms of Reference (TOR) for EIA report preparation to MoEF, Government of India for consideration of renewal of Mining lease for Mining of Heavy sand minerals by mechanized dredge mining at KMML lease Block V in Sy. No. of 91-220 (less 218) of Karunagapally village Karunagappally taluk Kollam District. Mining is proposed by inland mining using pontoon mounted submersible pumps and by mechanical dredge mining. Dredge mining combined with pontoon mining will also be carried out. The tailings will be refilled in the same land, which will constitute about 83% of the mined mineral.

As per the CRZ maps prepared by CESS, this is in Alappad Panchayath. The shoreline of the entire block is protected by seawalls which area regularly maintained. The undulations in the seawall indicate to the slumping of seawalls and reconstruction of affected sectors. It has a few islands in the backwater. The barrier beach area is sandwiched between the sea and TS canal. Here also a few small patches of mangroves on the banks of TS Canal are observed, the area of which is not large enough to map them in the scale used. The backwater islands have 50m CRZ which the sea coast has 500m CRZ on the landward side. The mangroves (though not shown here due to scale limitations) are CRZ-IA. The water bodies and the bed consisting of the coastal waters upto 12nm and the backwater and canal are CRZ-IV. Being a grama Panchayath the CRZ other than CRZ-I and CRZ-IV is CRZ-III. As per CRZ Notification 2011, Clause 2 X- Mining of sand, those rare minerals not available outside the CRZ area can be permitted only with prior approval of MoEF, Government of India (clause 4(i) (g) of CRZ notification)

After the presentation made on the EIA aspects of the proposed mining block by the proponent, the KCZMA discussed the proposal in detail and


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decided to recommend the proposal to the MoEF. It was also decided to specifically point out that the ecologically sensitive areas shall be excluded from the mining activities while recommending the same to the MoEF.

**Additional Agenda Item No. 61.4.3
File No. 2340/A3/2013/KCZMA/S&TD**

Reconstruction of residential building by Smt.Ambili, Kallidanthiyil Veedu, Palace Nagar, Thevally.P.O, Kollam

Smt.Ambili, Kallidanthiyil Veedu, Palace Nagar, Thevally.P.O, Kollam, proposed reconstruction of residential building with plinth area 36.88m², Single floor, Height : 4.05m. in Sy. No. 218/41/4 of Kollam West Village. 8m from HTL of Ashtamudi back water. The area is in CRZ-II. As per CRZ Notification, Clause 8 II i&ii building shall be permitted only on the landward side of the existing road on the landward side of existing authorized structures, and shall be subject to the existing local town and country planning regulations including the existing norms of Floor Area Ratio (FAR) of Floor Space Index. As per CRZ notification clause 8II i& ii construction can be permitted landward. Reconstruction is on the same line as that of the existing building to be demolished. The area is on the banks of Ramsar Site. The Secretary, Kollam Corporation has certified that the existing building is an authorized one and the proponent is a traditional inhabitant in the bank of Ashtamudi back water.

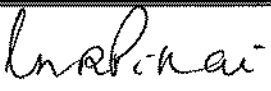
The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the proposed reconstruction of residential building with plinth area 36.88m², Single floor, Height : 4.05m. in Sy. No. 218/41/4 of Kollam West Village.

**Additional Agenda Item No. 61.4.4
File No. 2321/A3/2013/KCZMA/S&TD**

Mining of Beach Sand Minerals by Kerala Minerals & Metals Ltd., Kollam

Managing Director, The Kerala Minerals and Metals Ltd, Sankaramangalam, Chavara, Kollam requested recommending for approving Terms of Reference (TOR) for EIA report preparation to MoEF, Government of India for


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consideration of renewal of Mining lease for Mining of Heavy sand minerals by mechanized dredge mining at KMML lease Block VII in Sy. No. of 1-199, Sy. No. 1-151 of Puthupally, Kulasekharapuram village, Karunagapally (Taluk), Kollam district. Mining is proposed by inland mining using pontoon mounted submersible pumps and by mechanical dredge mining. Dredge mining combined with pontoon mining will also be carried out. The tailings will be refilled in the same land, which will constitute about 83% of the mined mineral.

As per the CRZ maps prepared by CESS the sector is in Alappad Panchayath extending from Kattilkadavu / Kakkathuruth in the South to Srayikad groins in north. The TS Canal is running north-south separating the barrier beach part from other land area. There are sea walls along almost the entire coastal stretch in this sector and three groins at Srayikad. There is a seasonal beach of about 40 to 50m present in the groin cells. Being in a Grama Panchayath the CRZ landward of the HTL, other than CRZ-I is CRZ-III. The seasonal beaches are CRZ-IB while mangroves are CRZ-IA. Water bodies and the bed consisting of coastal waters and the backwater / TS canal are CRZ-IV. Being a grama Panchayath the CRZ other than CRZ-I and CRZ-IV is CRZ-III. As per CRZ Notification 2011, Clause 2 X- Mining of sand, those rare minerals not available outside the CRZ area can be permitted only with prior approval of MoEF, Government of India (clause 4(i) (g) of CRZ notification).

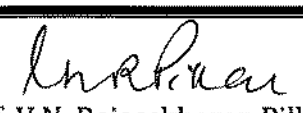
After the presentation made on the EIA aspects of the proposed mining block by the proponent, the KCZMA discussed the proposal in detail and decided to recommend the proposal to the MoEF. It was also decided to specifically point out that the ecologically sensitive areas shall be excluded from the mining activities while recommending the same to the MoEF.

**Additional Agenda Item No. 61.4.5
File No. 2475/A3/2013/KCZMA/S&TD**

Reconstruction of building for Anganvady by Secretary, Anchuthengu Grama Panchayath, Varkala, Thiruvananthapuram

The Secretary, Anchuthengu Grama Panchayath, Varkala, Thiruvananthapuram proposed reconstruction of building with plinth area of


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55m², Single floor, Height : 3.55 in Sy. No. 3348/29 of Anchuthengu Village. The area is in the No Development Zone of CRZ-III. 50m from HTL of the sea. As per CRZ Notification 2011, Clause 8 III A (iii) reconstructions can be permitted in the No Development Zone of CRZ-III without increase in existing plinth area, FSI and density for permissible activities. The existing and proposed plinth area is same. The activity is also permissible as it is an education institute for Local Community

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the proposed reconstruction of building with plinth area of 55m², Single floor, Height : 3.55 in Sy. No. 3348/29 of Anchuthengu Village.

**Additional Agenda Item No. 61.4.6
File No. 2519/A3/2013/KCZMA/S&TD**

Construction of Residential Building by Sri.Haridasan & Smt.Sunanda, Bhargava Mandiram, Prakkulam.P.O, Kollam

Sri. Haridasan & Smt. Sunanda, Bhargava Mandiram, Prakkulam.P.O, Kollam proposed construction of residential building with plinth area of 138m², Single floor and Height : 3.55m in Sy. No. 457/16/3/2 of Thrikkaruva Village. The site is 41m from HTL of backwater. The area is in the No Development Zone of CRZ-III As per CRZ Notification 2011, Clause 8 III A (ii) No new constructions can be permitted in the No Development Zone of CRZ-III. The site has an elevation of 0.60m.


The KCZMA discussed the proposal in detail and decided to decline the request for CRZ clearance.

**Additional Agenda Item No. 61.4.7
File No. 1911/A3/2013/KCZMA/S&TD**

Regularisation of Residential building constructed by Sri.Balachandran, Jesus Bhavan, Thrikkaruva, Kollam

Sri. Balachandran, Jesus Bhavan, Thrikkaruva, Kollam, proposed regularisation of residential building constructed with plinth area of 44.25m², Single storied in Sy. No. 531/418 of Thrikkaruva Village, Kollam. 69m from


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HTL of backwater. The Area is in the No Development Zone of CRZ-III. As per CRZ Notification 2011, Clause 8 III A(ii) No new constructions can be permitted in the No Development Zone of CRZ-III Such construction were earlier regularised by KCZMA based on elevation. The building lies at an elevation of 1.30m from water level and a distance of 70m from backwater

The KCZMA discussed the proposal in detail and decided to grant CRZ clearance for the building constructed with plinth area of 44.25m², Single storied in Sy. No. 531/418 of Thrikkaruva Village.

**Additional Agenda Item No. 61.4.8
File No. 2743/A4/2013/ S&TD**

National Human Rights Commission's Notice on Smt.Jaseera's Strike against Sand Mining from Kerala sea coast

Revenue (P) Department has forwarded a Notice No. 702/11/2/2013/UC dated, 18.11.2013 from the National Human Rights Commission on Smt. Jaseer's strike against Sand Mining from Sea Coast of Kerala for the remarks on points (i) and (ii) placed before the KCZMA.


- (i) What are the legislative and administrative actions taken by the Government of Kerala for preventing illegal mining of sand from sea shores of Kerala and regulating removal of sand from the sea shores ? What is the law applicable ?
- (ii) Has the Government of Kerala received the reports about illegal sand mining and indiscriminate removal of sand from the sea shores and what action has been taken in such cases?

The KCZMA discussed the case in detail and decided to obtain report from the District Collector, Kannur and the Director, Mining & Geology Department on the above.

**Additional Agenda Item No. 61.4.9
File No. 2322/A3/2013/KCZMA/S&TD**

Mining of Beach Sand Minerals by Kerala Minerals & Metals Ltd., Kollam
Managing Director, The Kerala Minerals and Metals Ltd, Sankaramangalam, Chavara, Kollam requested recommending for approving Terms of Reference


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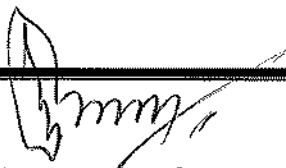

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(TOR) for EIA report preparation to MoEF, Government of India for consideration of renewal of Mining lease for Mining of Heavy sand minerals by mechanized dredge mining at KMML lease Block III Sy No: of 1- 121, 31-632 of Chavara / Panmana/ Vadakkumthala villages, Chavara (Post), Karunagappalli (Taluk), Kollam (District), Kerala(State). Mining is proposed by inland mining using pontoon mounted submersible pumps and by mechanical dredge mining. Dredge mining combined with pontoon mining will also be carried out. The tailings will be refilled in the same land, which will constitute about 83% of the mined mineral.

As per the CRZ maps prepared by CESS the southern sector of this block is in Chavara Panchayat while the north sector is in Panamana Panchayat. Ponmana mining site is located here. The area north to *Kattil* temple is the active mining site of KMML. Extensive mining takes place in this sector. The morphological signatures are constantly getting modified due to mining activities. From *Kovilhottam* to *Kattil* the sea coast is protected by seawalls. Severe erosion has occurred in the mining sites and adjacent areas. The *Vatta Kayal* located in the mining sites has opened up a new inlet resulting from severe erosion. The T.S Canal and adjoining waterbodies separate the barrier beach sector from the rest of mainland. There are few small patches of mangroves on the banks of *Vatta Kayal*, the area of which is not large enough to map them in the scale used. Being a grama Panchayat the CRZ other than CRZ I and CRZ IV is CRZ III. The seasonal beach between the HTL and LTL (intertidal zone), wherever it is present, is CRZ I (B). The mangroves (though not shown here due to scale limitations) are CRZ IA. The water bodies and the bed are CRZ IV. As per CRZ Notification 2011, Clause 2 X- Mining of sand, those rare minerals not available outside the CRZ area can be permitted only with prior approval of MoEF, Government of India (clause 4(i) (g) of CRZ notification).

After the presentation made on the EIA aspects of the proposed mining block by the proponent, the KCZMA discussed the proposal in detail and decided to recommend the proposal to the MoEF. It was also decided to specifically point out that the ecologically sensitive areas shall be excluded from the mining activities while recommending the same to the MoEF.



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Chairman, KCZMA

REPORT ON CRZ SITE VISIT IN EDAVANAKKAD GRAMAPANCHAYATH AREA, ERNAKULAM DISTRICT

1. Introduction

Kerala Coastal Zone Management Authority constituted a committee consists of Prof. A. Ramachandran, Registrar, CUSAT and Dr. Kamalakshan Kokkal, Joint Director and Head, KSCSTE vide letter No. 208/A2/2011/KCZMA/S&TD dated 24.05.2013 for verification of the constructions on CRZ/ disaster angles in Edavanakkad Gramapanchayath.

2. Methodology

The committee visited the construction of buildings made in Edavanakkad Gramapanchayath on 16th August 2013 along with officials of Edavanakkad Gramapanchayath. The committee members had a detailed discussion with officials of the Gramapanchayath. Mr. Hari, Librarian of the Panchayath accompanied the Committee for field verification of constructions. The report prepared by CESS on construction of buildings in Edavanakkad Gramapanchayath was verified in the field. All the 22 constructions referred by the Edavanakkad Gramapanchayath are located or proposed to be located in the CRZ (Table 1). Among the constructions five are along the sea coast and the remaining 17 are on the banks of backwater /kayal. The dwelling units are proposed to be constructed under various Govt sponsored programmes including EMS housing scheme. The report prepared by Dr. K.V. Thomas, Scientist from CESS is used for detailed verification of constructions in the Edavanakkad Gramapanchayath. The 54th KCZMA considered the above site inspection report prepared by Dr. K. V. Thomas and constituted the present committee to verify the constructions on CRZ as well as disaster angle.

3. Location

Edavanakkad Gramapanchayath is a part of Vyppin island and is located between Lakshadweep sea and Vembanad kayal in Ernakulam district. Canal such as Aniyil thodu, Pazhayangadi thodu, Chthangad thodu and the backwater kayal divide the panchayath into many islands. The area has number of filtration ponds. All the 22 buildings are located close to the sea, kayal or the filtration ponds.

4. CRZ Status

As per the 2011 notification the backwater islands have a CRZ of 50 m on the landward side of HTL. The 50m CRZ is a No Development Zone in CRZ III. The water body consists of filtration ponds and backwater and the bed are CRZ IV. Along the sea coast CRZ

is 500m landward HTL of the sea. The 18 constructions are in the backwater islands lying within 50m of CRZ fall in the no development zone in CRZ III. The 4 constructions are lie within 200m No Development Zone of sea in CRZ III (Photos 1 and 2). Two of the constructions are not for dwelling purposes in which one is a proposed workshop and another one is renovation of an ayurvedic medicine store. The details of constructions and distance from HTL are given in Table 1.

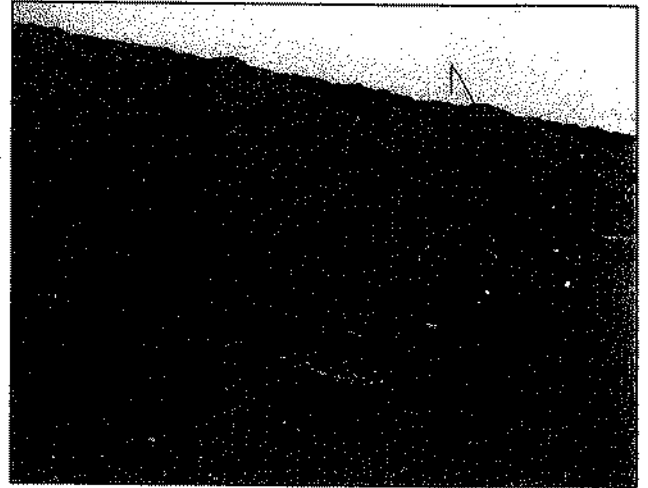
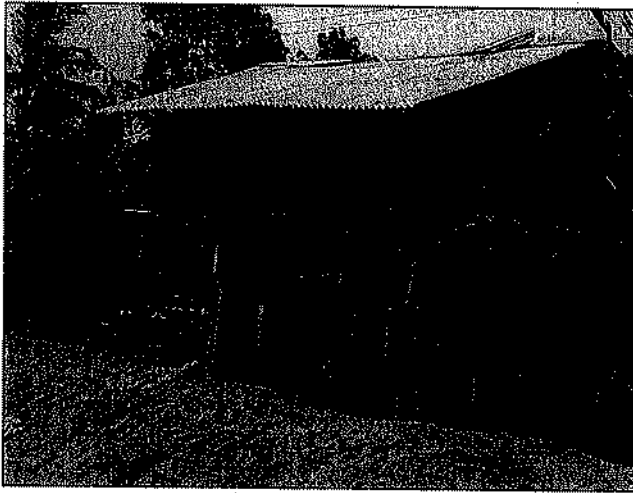


Photo 1 and 2: The buildings within the no development of sea and are vulnerable to hazards from the sea

Table 1: Details of construction under reference

Sl No	Building				Distance (m)		
	New		Renovation		Sea Coast	Kayal	Filtration Pond
	House	Others	House	Others			
1	✓					18.00	
2	✓					12.00	
3	✓					1.30	
4	✓					2.50	

5	✓						14.00
6	Edwin (Ownership changed)	Two floor completed (about 2500 sq. feet)			50.00		
7		Workshop					17.39
8			✓		125.00		
9			✓		175.00		
10	✓						5.00
11	✓				70.00		
12	✓						18.50
13	✓						17.00
14			✓				30.00
15			✓				16.00
16				Ayurveda store	18.95		
17	✓ (Construction completed regularisation awaited)					12.00	
18	✓						20.00
19	✓						6.00
20	✓						12.00
21	✓						5.0
22	✓						8.10

Dwelling Units: The 22 constructions made/proposed in CRZ area (except 2 buildings, i.e. serial number 7 and 16) are for dwelling purpose. Out of these 5 numbers (Serial No 6, 8, 9, 14 and 15 in Table 1) are renovations and the remaining are new constructions.

In the report prepared by CESS it was reported that Edavanakkad Gramapanchayth has extensive areas covered under filtration ponds and canals. The land area in the panchayath mostly lies on the banks of backwater which are No Development Zone of CRZ III or on the banks of filtration ponds which are categorised as CRZ I in the CZMP (1996) of the state. It may be noted that the community in the panchaytah finds it very difficult to construct dwelling units and other infrastructural facilities. As such more than 90 % of the Panchayath is in the NDZ of CRZIII or on the banks of pokkali field which is in CRZ I. Majority of people depend on the fisheries and may be included under the category of "ecosystem people" as they depend on resources of kayals and backwater for their living.

5. Recommendations:-

On verification of the 22 constructions made/ proposed in the Edavanakkad Gramapanchayath, the committee recommended the following for necessary consideration of KCZMA.

- a. As recommended by CESS, five numbers of constructions (Serial No.6, 8,9,14 & 15 in Table no.1) are renovations of dwelling units in the No Development Zone of CRZ which are permissible. However the building number 6, 8 & 9 lie within 200m High Tide Line of sea (No Development Zone) and are vulnerable for hazards from sea. Hence the committee do not recommend the above three constructions for approval.
- b. Two numbers of constructions (Sl. No.7 & 16 in Table no.1) are lying in the NDZ of CRZ for purposes other than dwelling units and hence are not permissible in CRZ.
- c. Remaining 15 (Sl. No.1, 2, 3, 4, 5,10, 11, 12, 13, 17, 18, 19, 20, 21, 22 in Table no.1) are new constructions/proposed constructions for dwelling purposes under various Govt sponsored programme including EMS housing schemes. Further the committee is of the opinion that the owners of the above buildings may be considered as 'Ecosystem People' as they depend of backwater and filtration ponds for their living. Further these constructions are dwelling units having an area of <60 m² as permitted by KCZMA in certain earlier instances where

building constructions are not permissible as per CRZ notification. The committee recommend the above constructions for approval except building no 11. The building number 11 in table 1 is not recommended for approval as it lies within 200m from sea and vulnerable for hazards from sea.

Submitting the report for kind consideration of KCZMA.



Dr. Kamalakshan Kokkal
Joint Director and Head,
KSCSTE



Dr. A. Ramachandran
Registrar, CUSAT