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

### Minutes of the 54th Meeting of Kerala Coastal Zone Management Authority.

Date & Time

15th April, 2013 at 2:30 p.m.

Venue

Sasthra Bhavan, Pattom, Thiruvananthapuram

The meeting commenced at 2.30 p.m. The Chairman welcomed all the Members to the meeting of the Authority. Thereafter, the Authority considered the items in the Agenda.

### List of participants:

1. Prof. V.N.Rajasekharan Pillai, Chairman, KCZMA.

2. Dr. K.K.Ramachandran, Member Secretary, (RCZMX.

#### Members

1. Sri. K.Sajeevan, Chairman, KSPCB

- 2. Dr. A.Ramachandran, Professor and Director, School of Industrial Fisheries, Fine Arts Avenue Cochin-682 016
- 3. Dr. K. Padmakumar, Aquatio Biology, University of Kerala, Thiruvananthapuram 695 581
- 4. Sri. Baby John, Director, MCITRA.
- 5. Sri. Rajeev.G, Additional Secretary, Environment Department
- 6. Dr. Sajith Babu, Asst. Commissioner, Commissionerate of Land Revenue representing Secretary, Revenue Department.
- 7. Smt. P. Ramlath, Under Secretary, LSGD representing Secretary LSGD
- 8. Sri. Sunilkumar Under Secretary, Fisheries Dept. representing Principal Secretary, Fisheries Department, Thiruvananthapuram - 695 001.

### Agenda Item No.54.1

Confirmation of the Minutes of the 53rd Meeting

The members namely, Dr. A. Ramachandran, Dr. K. Padmakumar, Shri. Baby John and Dr. Sajith Babu abstained from the confirmation of the minutes on Additional Agenda Item No. 53.4.1, Construction of Convention and Exhibition Centre at Mulavukadu, as they were not present in the previous meeting.

The representative of Revenue Department observed that Revenue clearance has not been given for leasing out of the land for non-Port activity.

Dr. K K Ramackandran Member Secretary

Prof. V'N. Rajasekharan Pillai

With the above observation the minutes of the 53rd Meeting was confirmed.

But there has not been any formal communication to this effect from the Revenue Department to KCZMA.

### Agenda Item No.54.2

Action taken report on the decisions of the 53rd Meeting

The Authority discussed the action taken report on the 53rd meeting in detail and noted.

Before addressing the listed agenda items, the Chairman brought to discussion certain points raised by Shri. Baby John, Member KCZMA.

1. Delay in convening KCZMA meetings: It was deoided that the date for the next meeting shall be announced in the current meeting.

2. Website: The Member Secretary informed the meeting that the website is ready for hosting after the security check, security certificate has been obtained and authorization letter has been issued for domain registration.

The Chairman proposed that other items raised in the letter can be discussed as and when the item comes up for discussion during the course of the meeting.

Agenda Item No 54.3.

Consideration of New Agenda item.

Agenda Item No. 54.3.1 File No. 01/A2/2013/KCZMA/S&TD

Gabions, food court, foyer, Walkway etc.

In connection with the development of Payyambalam beach walk construction works in beach with gabions, semi permanent structures for food court and entrance fover of temporary nature, and land filling of 3150m<sup>3</sup>. It is also proposed to set up electronic toilets, seating benches, lights arrangements, etc.

The authority discussed the matter in detail and decided to permit the construction of community toilets, seating benches and rain shelters in the area. Construction of facilities like, food court and pavilion cannot be permitted.

Dr. K K Ramachandran Member Secretary

Prof. V N. Rajasekharan Pillai

## Construction of Residential building of Shri.Shaji.M.P. Maniparambil, Ambika Market.P.O. Vaikom, Kottayam

Construction of building for residential purpose proposed with plinth area of 11.7m<sup>2</sup> in Single Floor by Shri.Shaji.M.P, Maniparambil, Ambika Market.P.O, Vaikom, Kottayam in Re. Sy. No. 279/29B, 539/1-35 (3.63 Ar) Vechoor Village, 22m from HTL of backwater.

The KCZMA considered the request and decided to permit construction.

Agenda Item No. 54.3.3 File No. 56/A2/2013/KCZMA/S&TD

Construction of building by Smt. K. Sujatha, Ayilyam, Kochi

Construction of building proposed with plinth area of 133.5m<sup>2</sup>, Three floors, Height 10.51m by Smt. K. Sujatha, Ayilyam, House No. 39/2756 A, M.G.Road, P.O, Ernakulam, Kochi – 682 016 in Sy. No. 194/10, 17, 18 of Mulavukkad Village, Kanyannur Taluk, Ernakulam, 19m from HTL of backwater.

The KCZMA considered the request and decided to decline permission for the construction as it falls in the No Development Zone.

Agenda Item No. 54.3.4 File No. 208/A2/2011/KCZMA/S&TD

### Construction of Houses under Government Housing Scheme, Edavanakkad Grama Panchayath, Ernakulam

The Secretary, Edavanakkad Grama Panchayath has forwarded 22 applications for CRZ clearance under Government Housing Scheme namely.

- 1) Suneesh Kumar.K.D, Kadamattussery House, Edavanakkad.P.O, Ernakulam.
- 2) Sudheesh Kumar.K.D, Kadamattussery House, Edavanakkad.
- 3) Sainaba, W/o.Usman, Kakkatt House, Edavanakkad (Regularisation) F.P.
- 4) Dineshan.P.A, Ponnathara House, Edavanakkad (Regularisation).
- 5) Khader.K.S, Kakkatt House, Edavanakkad.
- 6) Idwin.K.L, Kurisingal House, Edavanakkad.
- 7) Bhasura Prakasan, Rohit Bhavan, Edavanakkad.

8) K.A. Mujeeb, Karuthatty, Edavanakkad.

Dr. K K Ramachandran Member Secretary Prof , V N. Rajasekharan Pillai Chairman

Page 3 of 13

- 9) Niyas.K.K, Karukassery, Edavanakkad.
- 10) Simon, Pazhampilly House, Edavanakkad.
- 11) Shihab, Puthenpurakkal House, Edavanakkad.
- 12) C.P.Rajamma, Cherupullithara House, Edavanakkad.
- 13) Murugan, Perumpadappil House, Edavanakkad.
- 14) Anandan.K.K, Kattookkaran House, Edavanakkad.
- 15) Karthikeyan, Pallayil House, Edavanakkad.
- 16) Radhakrishnan, Ramadi House, Edavanakkad.
- 17) Babu, Thevarthara, Edavanakkad.
- 18) Suresh, Puthuparambil House, Edavanakkad.
- 19) Varghese.P.D, Pazhampilly House, Edavanakkad.
- 20) Saju Thomas, Padathuparambil House, Edavanakkad
- 21) Baiju.V.V, Vallachirakkaran, Edavanakkad.
- 22) Aleema, Srambiekkal, Edavanakkad.

The committee considered the site inspection report and decided to constitute a committee consisting of Dr. A Ramachandran, Member, KCZMA and Dr. Kamalakshan Kokkal, Head, Coastal and Environment Division, KSCSTE to verify and report in next meeting.

> Agenda Item No. 54.3.5 File No. 331/A3/2012/KCZMA/S&TD

Site Inspection Report construction of retaining walls along kayal in Cheramanthuruth and reclamation for the Kadinamkulam construction of a resort.

The 51st meeting of the KCZMA held on 21.08.2012 had discussed the complaint put in by (Shri. G. Suresh, Kerala Sasthra Sahithya Parishad against the construction of retaining walls along Kadinamkulam Kayal in Cheramanthuruth and reclamation for the construction of a resort. The KCZMA have therefore decided to issue direction invoking section 5 of EP Act and to call for explanation from the Secretary, Kadinamkulam Grama Panchayat and to constitute a committee for looking into the complaint. The explanation called from the Secretary, Kadinamkulam Grama Panchayat has not been received. The Sub-Committee constituted by the KCZMA have submitted report.

The KCZMA discussed the report in detail and accepted recommendations. The District Collector shall be directed to initiate action against the reclamation and constructions as per Section of 5 of EP Act 1986.

Dr. K K Ramachandran Member Secretary

Prof . V N. Rajasekharan Pillai

#### Report of the Monitoring Committee for SWM / STP at Kureepuzha, Kollam

As decided by 47th and 48th meeting of KCZMA, clearance were granted for the construction of Sewage Treatment Plant and Solid Waste management facility at Kureepuzha, Kollam under KSUDP. A two member Committee also was constituted for monitoring the project. Later Dr.Kamalakshan Kokkal, Joint Director was added as Member Convenor of the Monitoring Committee. The report submitted by the Committee was placed before the meeting of KCZMA

The Committee discussed the report in detail and decided to direct the Kollam Corporation to take appropriate steps to remove the waste dumped in the CRZ area. It was also decided to sensitize the public on CRZ by conducting awareness campaign with the help of NGOs.

Agenda Item No. 54.3.7 File No. 1051/A2/2010/KCZMA/S&TD

## Construction of Ayurvedic Resort at Punnayur Grama Panchayath, Thrissur by M/s. Rajah Islands

The KCZMA in its 51st meeting considered the proposal for the regularization of the building constructed in Sy. No. 47, 48, 49, 53 & 54 of Punnayur Village, Thrissur. The Authority decided to obtain clearance from the Tourism Department and also decided to constitute a committee for site inspection and the committee submitted report. The applicant has obtained clearance from the Tourism Department.

The KCZMA discussed the report and in the light of the construction being initiated without obtaining CRZ clearance, the construction amounts to violation. Hence, KCZMA decided to forward the proposal to the MoEF to consider in accordance with the Office Memorandum issued by MoEF No. J-11013/41/2006-IA.II(I) dated 12-12-2012.

Dr. K K Ramachandran Member Secretary Prof. V N. Rajasekharan Pillai

## Construction of Telecommunication Tower by M/s. Indus Tower Ltd. at Parappanangadi Grama Panchayath

The proposal for the construction of a Telecommunication Tower in Parappanangadi Grama Panchayath by M/s. Indus Tower Ltd. has been discussed by the KCZMA in the last meeting. The proposed construction comes at a distance of 244m from the HTL of sea. KCZMA decided to ascertain the distance between other towers in the areas and the proposed one. Accordingly the Panchayath Secretary was requested to inform whether there exist other mobile towers within 1 km radius of the proposed one. The Panchayath Secretary has reported that mobile tower of other telecommunication companies exists within 1 km radius of the site.

The proposal was discussed in the KCZMA and decided to permit the construction of Telecommunication Tower subject to other statutory sanctions and guidelines as applicable.

Agenda Item No. 54.3.9 File No. 1819/A3/2012/KCZMA/S&TD

### Construction of Additional Block for Girls Hostel at IHMCT, Kovalam

Request for Construction of additional block for Girls Hostel at IHMCT, Kovalam with a plinth area of 376m<sup>2</sup> submitted by Shri.L.V.Kumar, Principal, IHMCT, Kovalam. The CESS has conducted the field study to verify the CRZ status and submitted a report. The proposed building is within the CRZ and landward of the 200m No Development Zone.

The KCZMA discussed the proposal and decided to permit the construction of additional block for Girls Hostel at IHMCT, Kovalam with a plinth area of 376m<sup>2</sup>.

Agenda Item No. 54.3.10 File No. 1836/A2/2012/KCZMA/S&TD

### Building constructed in Calicut Corporation area - M/s. Pentagon Builders

Managing Partner, M/s. Pentagon Builders, Calicut has submitted a request for granting CRZ clearance for the building already constructed in the Calicut Corporation area following to the directive of Hon'ble High Court dated,

Dr. K K Raffachandran Member Secretary

Prof. VN. Rajasekharan Pillai

17.10.2012. Later on 30.10.2012, the applicant has submitted the Form I application. The applicant was directed to furnish proper application with all relevant documents as directed in the CRZ Notification 2011, vide letter dated, 01.11.2012. An application was received on February 2<sup>nd</sup> 2013, and the same too was incomplete and lacked details. However, they obtained an interim order from the Hon'ble High Cour to continue with the construction for a period of one month with effect from 15.01.2013 subject to the orders that may be issued by the KCZMA(3<sup>rd</sup> respondent).

The KCZMA discussed the case in detail and decided to reject the application for CRZ clearance as the same is incomplete. Further, it was decided that the FAR violations cannot be condoned. The District Collector Kozhikode, Secretary Kozhikode Corporation and Secretary LSGD are to be informed about the decision.

Agenda Item No. 54.3.11
File No. 1916/A3/2012/KCZMA/S&TD

Construction of Prayer Hall (Bajanamandapam) by M/s. Panathura Subramanya Swami Temple

Request for construction of Prayer Hall (Bajanamandapam) with a plinth area of 148.40m2 and height of building 6.96m in Re.Sy. No. 560/1 of Thiruvallam Village, Thiruvananthapuram Taluk submitted by Shri. B. Sudharmman, President, Panathura Shri.Subramanya Swamy Temple, Panathura, Trivandrum. As per approved CZMP of the State, the area is in CRZ III. The area is now part of Thiruvananthapuram Corporation. This area has not been re-categorised to CRZ II till date. The reclassification can be done only along with the CZMP to be prepared based on Notification 2011. As per CRZ Notification 2011, Clause 8 III A (ii) no new construction can be permitted No Development Zone of CRZ III except those listed in Clause I III A (iii). Construction of Prayer Hall is not listed.

The proposal was discussed in the KCZMA and decided to not to permit the construction of Prayer Hall (Bajanamandapam) by M/s. Panathura Subramanya Swami Temple as construction of Prayer Hall is not listed in Clause I III A (iii) as per CRZ Notification 2011.

Dr. K K Ramachandran Member Secretary Prof. V N. Rajasekharan Pillai

#### Construction of Net Weaving yard, Kozhikode Corporation

Request for construction of Infrastructure for Net weaving yard in Puthiyakadavu Slum in Kozhikode forwarded by the Secretary, Kozhikode Corporation. The area is in CRZ II, Landward of beach road which is marked in approved Kerala Coastal Zone Management Plan.

The KCZMA discussed the proposal and decided to permit the construction of Infrastructure for Net weaving yard in Puthiyakadavu Slum within Kozhikode Corporation as this is a basic facility required for the fishing community and permissible as per CRZ Notification 2011. Moreover the construction is landward of existing authorized road in CRZ II/area.

> Agenda Item No. 54.3.13 File No. 1956/A2/2012/KCZMA/S&TD

### Construction of Residential Building by Sri. Amrutha Raj.K.P, Cherukunnu Grama Panchayath, Kannur

A residential building with plinth area of 86.39m2 is completed in Re. Sy. No. 147/3, Cherukunnu Panchayath by Shri. Amrutha Raj.K.P, Cherukunnu, Kannur. The area is on the banks of Payangadi River which is having tidal influence from The CRZ landward of HTL is 100m and it is categorized as CRZ III. The construction is made in the No Development Zone of CRZ III. The request is for regularization of construction of Residential building.

After detailed discussion on the request for regularization of the construction of a residential building by Sri. Amrutha Raj.K.P, Cherukunnu Grama Panchayath, Kannur, the KCZMA decided to write to the Secretary of the local body to verify whether the proponent belongs to the traditional community in the area.

> Agenda Item No. 54.3.14 File No. 1990/A2/2012/KCZMA/S&TD

Construction of building, Canopy and Storage tank for Petrol Pump by Smt. Shylaja.G, Udma Grama Panchayath, Kasargod

Request for construction of building for office for Petrol pump with a plinth area of 39.77 tn<sup>2</sup> and Canopy with plinth are of 139.10m<sup>2</sup>, installation of dispensable unit

Dr. K K Ramachandran Member Secretary

Prof. V N. Rajasekharan Pillai

and underground Storage tank in Re.Sy.No. 235/IB, Pallikkara II Village, Kasargod by Smt. Madhavi Alias Shylaja.G, W/o. Gangadharan, Jaya Nivas, T.T.Road, Malamkunnu, Udma, Kasargod.

The KCZMA discussed the proposal and decided to permit the construction of building, Canopy and Storage tank for Petrol Pump by Smt. Shylaja.G, Udma Grama Panchayath, Kasargod allotted for both as marine outlet and for motors, subject to implementation of safety regulations including guidelines issued by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas and guidelines issued by MoEF and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment as may be stipulated by MoEF.

Agenda Item No. 54.3.15 File No. 2001/A2/2012/KCZMA/S&TD

Construction of comfort Station in New Mahe Grama Panchayat

The Secretary, New Mahe Grama panchayat has proposed construction of Comfort Station building with plinth area of 33.44m², single floor. The site is in the banks of Mahe River by 70m from HTL of the river. The area is categorized as CRZ III and is No Development Zone.

The KCZMA discussed and decided to permit the construction of Comfort Station building with plinth area of 33.44m<sup>2</sup> as community toilets are permissible in CRZ III No Development Zone as per CRZ notification 2011, clause 8 III A (iii) j.

Agenda Item No. 54.3.16 File No. 2093/A3/2012/KCZMA/S&TD

Reconstruction of building for Anganvadi at Panayam Grama Panchayath, Kollam

The Secretary, Panayam Grama Panchayath, Kollam proposed reconstruction of building for Anganvadi with a plinth area of 36.53m<sup>2</sup> in Sy. No. 35/10 (8.30 Are) of Panayam Village. The area is in CRZ III, No Development Zone.

The KCZMA discussed and decided to permit the reconstruction of building for Anganvadi with a plinth area of 36.53m<sup>2</sup> as constructions of schools of which are required for the traditional communities can be permitted in No Development Zone of CRZ III as per CRZ Notification 2011 Clause 8 III A (iii)j.

Dr. K K Ramachandran Member Secretary Prof. V N. Rajasekharan Pillai

# Construction of Residential Building by Smt. Chithralekha, Arookuty.P.O, Cherthala, Alappuzha

Request for construction of residential building 105.02m<sup>2</sup>, Two Floors, Height 6.59m in Sy. No. 215/1-6, 1.92 Are of Arookutty, Cherthala, Alappuzha district.by Smt. Chithralekha, Padinjare Mattel, Arookutty.P.O, Cherthala, Alappuzha. The area is in the No Development Zone of CRZ III by 24m from HTL of Inland water body. The Secretary, Panchayath has reported that the applicant and her husband are traditional fishermen.

The KCZMA discussed and decided to permit the construction of residential building 105.02m<sup>2</sup>, Two Floors, Height 6.59m in Sy. No. 215/1-6, 1.92 Are of Arookutty, Cherthala, by Smt. Chithralekha, Padinjare Mattel, Arookutty.P.O, Cherthala, Alappuzha.

Agenda Item No. 54.3.18 File No. 2157/A2/2012/KCZMA/S&TD

### Construction of Building for Buds School by Madayi Grama Panchayath, Kannur

The Secretary, Madayi Grama Panchayth, P.O. Payangad R.S, Kannur proposed Construction of building for Buds School with plinth area of 168.71m², height 5m, single floor in Re-Sy. No. 238/2 of Madayi Village, 20 cents, 120m from HTL of sea. The area is No Development Zone of CRZ III.

The KCZMA discussed and decided to permit the construction of building for Buds School with plinth area of 168.71m<sup>2</sup>, height 5m, single floor in Re-Sy. No. 238/2 of Madayi Village by 120m from HTL of sea. The area is No Development Zone of CRZ III, as construction of Schools for the local inhabitants can be permitted in the No Development Zone of CRZ III, as per CRZ Notification 2011, Clause 8 III (iii) j.

Agenda Item No. 54.3.19 File No. 2189/A3/2012/KCZMA/S&TD

## Construction of Residential Building by Smt.R.Radha, Madhavapuram, Titanium.P.O, Thiruvananthapuram

Smt.R.Radha, T.C. No.32/1247, Puthvalputhen Veedu, Madhavapuram, Titanium.P.O, Thiruvananthapuram, proposed construction of a residential building with plinth area of 43.97m<sup>2</sup>, FAR 0.36 in Sy. No. 1903/17-14 of Pettah

Dr. K K Ramachandran Member Secretary

Prof. V N. Rajasekharan Pillai

Village wards 34 of Thiruvananthapuram Corporation by 120m from HTL of sea. Landward of existing building T.C. 34/149(1), T.C.34/149. The area is in Thiruvananthapuram Corporation and is classified as CRZ II. As per CRZ Notification 2011, Clause 8 III(i) building can be permitted on the landward side of existing authorized structures. There are two structures shown as seaward of proposed construction. The drawings are certified by the Assistant Engineer, Thiruvananthapuram Corporation.

The KCZMA discussed and decided to permit the Construction of Residential Building by Smt.R.Radha, Madhavapuram, Titanium.P.O, Thiruvananthapuram with plinth area of 43.97m<sup>2</sup>, FAR 0.36 in Sy. No. 1903/17-14 of Pettah Village wards 34 of Thiruvananthapuram Corporation as the construction is landward of exiting authorized buildings.

Agenda Item No. 54.3.20 File No. 2271/A2/2012/KCZMA/S&TD

Construction of Residential Building by Sri.Velayudan.C.K & Smt.Thankamma.C.K, Ariyallur.P.O, Malappuram

The construction of Residential building with a plinth area of 96.59m², Two floor height 6.60m proposed by Sri. Velayudan.C.K and Smt.Thankamma.C.K, Cheriyakoloth (H), Ariyallur.P.O, Malappuram -676 312 in Re. Sy. No. 130/6, Ward 19 of Ariyallur Village, 154m from HTL of sea in the No Development Zone of CRZ III between 100-200m from HTL of sea. As per CRZ Notification 2011 construction of dwelling units of traditional community including fisher folk can be permitted in between 100-200m from HTL of Sea if a comprehensive plan is prepared and approved by national Coastal Zone Management Authority. The applicants are reported as belonging to traditional community living in the area.

The KCZMA discussed and decided to permit the Construction of Residential Building by Sri.Velayudan.C.K & Smt.Thankamma.C.K, Ariyallur.P.O, Malappuram in Re. Sy. No. 130/6, Ward 19 of Ariyallur Village, as they belong to traditional community living in the area.

Agenda Item No. 54.3.21 File No. 2289/A3/2012/KCZMA/S&TD

Construction of Residential Building by Sri.Christyboy.G, Job Nivas, Panayam Village, Kollam

Regularisation of a residential building with plinth area of 70.56m<sup>2</sup>, single floor by Sri. Christyboy, Job Nivas, Panayam, Kollam in Re-Survey No. 67/3-2, 3.64 cents

Dr. K K Ramachanetran Member Secretary Prof. V N. Rajasekharan Pillai

of Panayam Village, Kollam. 37m from HTL of Astamudi Back water. The area is in the No Development Zone (NDZ) of CRZ III.

The KCZMA discussed and decided to permit regularisation of the Construction of Residential Building by Sri. Christyboy, Job Nivas, Panayam, Kollam in Re-Survey No. 67/3-2, 3.64 cents of Panayam Village, Kollam as the construction is made on an elevated area.

Agenda Item No. 54.3.22 File No. 1941/A3/2011/KCZMA/S&TD

# CRZ Clearance for the construction of Cement Brick making unit by Smt.V.Vasantha, Attingal Municipality

The Attingal Municipality has requested NOC for the construction of a Cement Block Unit by Smt.B.Vasantha in Sy. No. 1436/A-1-3, 437/A, 1437/B-1-1, 1437/A-I-3, 68 cents of land of Kunthaloor Village, Attingal Municipality. The construction as per the Site plan is 30m from the Vamanapuram River on the western side of the plot. The plinth area of the construction is 244.41m² (Office building-44.41m², Unit-200m²). Drawl of water for the unit is shown as from a well within the 30m landward of the river using 2 HP pump. The Municipality has informed that there are no approved buildings or roads in between the proposed unit and the river. The width of the river in the proposed area is reported as 35m-40m. The CRZ will be 35m-40m from the HTL of the river.

The KCZMA discussed and decided to reject the proposal for the construction of Cement Brick making unit by Smt.V.Vasantha, Attingal Municipality.

Additional Agenda Item No. 54.4.1 File No. 515/A2/2013/KCZMA/S&TD

## Construction of Desalination Plant by Station Commander, DSC Centre, Kannur

Request for construction of Desalination plant and providing associated facilities by Station Commandant, Defense Security Corps Centre, Kannur. The proposed plant in the DSC Centre Kannur is along the banks of Arabian Sea (within 20m from HTL) and is in CRZ II as per approved CZMP of the State.

Dr. K K Ramachandran Member Secretary

Prof. V N. Rajasekharan Pillai

The KCZMA discussed this issue in detail due to urgency a requested by the Station Commandant and decided to permit the desalination plant as it is permissible as per CRZ Notification 2011 Clause 8.II(v). The CRZ Clearance will be with the following conditions to be specified in the Clearance letter for strict compliance by the project proponent.

- (i) There will be generation of brine reject from the desalination process. The reject is nothing but the concentrated seawater, which remains after desalination process and does not contain external elements. The rejects will have high concentration of salt. Therefore, appropriate dilution mechanism shall be in place to reduce the reject to the ambient seawater concentration of 35,000 parts per million. The mechanism shall be reported to the KCZMA in writing before proceeding with the installation of the Plant.
- (ii) The proponent shall obtain necessary clearance from the Kerala State Pollution Control Board and all the conditions stipulated by them shall be complied with.
- (iii) Periodical monitoring of the sea water quality near the outfall shall be monitored

Agenda Item No. 54.3.23 to 54.3.45 and additional agenda items were deferred to the next KCZMA meeting.

The Chairman informed the members that the next meeting of the KCZMA will be scheduled on 7-5-2013 at the same time. It was also decided that as far as possible, communications can be sent to the members through e-mail to inform about the meetings as well as sending soft copy of agenda notes.

The meeting ended at 5.00 pm

Dr. K K Ramachandran Member Secretary Prof. V N. Rajasekharan Pillai