

AGENDA NOTES

68th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 23.08.2012

Time: 04.00 P.M.

Venue:

**PWD Confernece Hall,
5th Floor, Secretariat,
Chennai - 600 009**

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**AGENDA NOTES FOR THE 68th MEETING OF
THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT
AUTHORITY**

Date & Time: 23.08.2012 - 04.00 P.M. **Venue:** PWD Conference Hall, 5th floor,
Secretariat, Chennai - 600 009

AGENDA ITEM NO.01: Confirmation of the minutes of the 67th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.07.2012.

The 67th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 10.07.2012 and the minutes were communicated in letter no.P1/444/2011 dated 20.07.2012 of Director of Environment. It may be confirmed.

**MINUTES OF THE 67th MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 10.07.2012**

AGENDA ITEM NO.1 **Confirmation of the Minutes of the 66th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 03.04.2012.**

The minutes of the 66th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 03.04.2012 communicated in letter No.P1/444/2011 dated 20.04.2012 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2 **Report on the follow up action taken in respect of decisions taken during the 66th meeting of the TNSCZMA.**

The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken at the 66th meeting of the Tamil Nadu State Coastal Zone Management authority held on 03.04.2012.

AGENDA ITEM NO:03: **Expansion of existing Edible Oil Transit Storage Tank Terminal in Port Area by M/s. Kaleeswari Refinery Private Limited, Chennai.**

The Authority resolved to clear the proposal for the expansion of existing Edible Oil Transit Storage Tank Terminal in the Chennai Port Trust Area subject to the following conditions:

- a) A report on the quantity and quality of sludge generated at the project area shall be furnished along with the Management Plan for handling the sludge.
- b) A report on the handling of Edible Oil during storage and transport operations, in the project area, along with the measures taken to prevent oil spillages shall be furnished.
- c) Adequate Green belt shall be developed and the green cover shall be extended to the vacant areas of the project site at the maximum extent possible.
- d) Mock drills must be carried out periodically along with Port Trust.

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- e) All the conditions imposed in the CRZ clearance already issued in Pro. No. P1/1138/2010 dated 03.06.2010 of Director of Environment/Member Secretary, TNSCZMA, as resolved by the Tamil Nadu State Coastal Zone Management Authority in the 59th meeting held on 28.05.2010 should be adhered with out any omission.
- f) All activities should be in conform with the provisions of the CRZ Notification 1991.
- g) The CRZ clearance will be revoked if any of the condition stipulated is not complied with.

AGENDA ITEM NO:04: Improvement of approach roads to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Jambuvanodai village, Muthupettai, Thiruvarur district.

The Authority resolved to clear the proposal for the improvement of approach roads leading to the multipurpose evacuation shelters subject to the following conditions:

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- b) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- e) All activities should be in conform with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO:05

**ANY OTHER ISSUES WITH THE
PERMISSION OF CHAIR.**

General:

- a) The TNSCZMA in the 65th meeting held on 10.02.2012 resolved to delegate the powers to CMDA and Corporation of Chennai, to grant approval for the constructions which are falling in CRZ-II areas and accordingly orders have been issued in proceedings No. P1/443/2011 dated 16.02.2012. As the CMDA and Corporation of Chennai have construction wings with adequate experienced Engineers and also they are exercising the said powers from the promulgation of CRZ Notification 1991, the Authority resolved to allow the CMDA and the Corporation of Chennai to act as per the orders already issued on 16.02.2012. However the Authority resolved that the Tamil Nadu State Coastal Zone Management Authority shall scrutinize all other proposals seeking Planning Permission, which are falling in CRZ and outside the jurisdiction of CMDA areas. The Authority resolved to request the Director of Environment to process applications which are pending for want of above clarification as per the provisions of CRZ Notification 2011.
- b) Further the Authority resolved to request the CMDA and Corporation of Chennai to send a periodical report indicating the details of planning permissions given for the proposals, which are falling in CRZ areas, once in three months along with a copy of orders issued. The CMDA and the Corporation of Chennai should furnish a certificate to the effect that the said proposals for which approval granted under CRZ Notification 2011 by them are in conformity with the provisions of CRZ Notification 2011/ approved Coastal Zone Management Plans.
- c) The Authority resolved to request the CMDA to arrange to get the quarterly periodicals indicated above from the units of Corporation of Chennai to the Director of Environment.

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- d) The Authority resolved to form a sub-committee consisting members of the TNSCMA viz., Dr. K. Thanasekaran, Director of Town and Country Planning and Director of Environment to conduct field inspections periodically to the project sites for which planning permissions were issued by the CMDA /Corporation of Chennai.

Addl. Agenda item No.1: Assessment of shoreline change for Tamil Nadu and preparation of shoreline change maps.

With reference to the shoreline change maps, Dr.R. Ramesh, Director, National Centre for Sustainable Coastal Management (NCSCM) has indicated that comparison of the Linear Regression Rate (LRR) with the Net Shoreline Movement (NSM) has been made in the maps. He also informed that the details furnished in the shoreline maps have been compared with the details available with the Institute of Hydraulics and Hydrology, PWD, Poondi Tiruvallur district.

2) As the shoreline change maps prepared by the NCSCM is the first of its kind, having the erosion study data on shoreline changes in Tamilnadu for the period from 1972 to 2010 about 30 years., the Authority validated the said maps.

3) However the Authority has resolved that a disclaimer should be furnished, while uploading the said maps in the website, to the effect that the above said maps are only a first level indicative maps and the details of which are not to be taken as final output. Through the disclaimer it is also emphasized to the public that the details of the above said shore line change maps should not be taken as facts against existing projects / projects which are under construction / new projects and also as evidence under any court of law.

4) The Authority resolved to request the Director, NCSCM to supply one set of shoreline change maps in hard copy along with a soft copy to the Department of Environment for record.

Sd/-

Thiru H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Sd/-

Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai - 9.

AGENDA ITEM NO.02: The action taken on the decisions of 67th meeting of the authority held on 10.07.2012 are given below:

SI. No	Description of proposals	Action taken
01	Expansion of existing Edible Oil Transit Storage Tank Terminal in Port Area by M/s. Kaleeswari Refinery Private Limited, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/649/2012 dated 30.07.2012.
02	Improvement of approach roads to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Jambuvanodai village, Muthupettai, Thiruvarur district	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/998 /2012 dated 20.07.2012
03	Assessment of shoreline change for Tamil Nadu and preparation of shoreline change maps submitted by the National Centre for Sustainable Coastal Management (NCSCM)	In the 67 th meeting the Authority have validated the shoreline change maps submitted by NCSCM. The fact has been intimated to the NCSCM with the request to supply one set of shoreline change maps in hard copy along with a soft copy to the Department of Environment for record in Ir., No. P1/2455/ 2010 dated 20.07.2012. The same are awaited.

AGENDA ITEM NO.03 **Reconstruction and Modernization of Chinnamuttom Fishing harbour funded by the World Bank under ETRP scheme proposed by Fisheries Department**

The District Environmental Engineer, TNPCB & Convernor, DCZMA for Kanniyakumari district has forwarded a proposal with the recommendation of the District Coastal Zone Management Authority Reconstruction and Modernization of Chinnamuttom Fishing harbour funded by the World Bank under ETRP scheme proposed by Fisheries Department for clearance under CRZ Notification 1991.

2) In this connection some additional details have been sought for from the Fisheries Department in this office Ir. No. P1/1318/2010 dated 23.06.2010. After a lapse of two years the Fisheries Department have furnished the following details:

- a) Detailed project report
- b) EIA Report

3) As per the Detailed project report the Fisheries Department have proposed the following waterside facilities:

- a) Extension of Eastern Breakwater - 100 mts.
- b) Construction of new western breakwater - 430 mts.
- c) Berthing structure as an adjunct to the existing eastern breakwater - 200mts
- d) Fish trawler jetty - 215 mts
- e) Capital dredging - 1,07,000 cubic mts.

4) The Fisheries Department have also proposed the following landside facilities:

Auction hall (2 Nos), Net mending shed and platform (2 Nos), Gear locker shed, UG sump fresh water, UG sump saline water, Boat repairing yard, Gen set room, Admin building, security cabin, crate washing room, lighting facilities, water supply, drainage, road works, STP. SWM, improving existing AD office and auction hall, compound wall, parking area, greeneries, toilets.

5) The project site is falling in CRZ-III, CRZ-I (inter tidal zone) and CRZ-IV. The Total Project cost is Rs.70.97 crores. In the project report it is indicated that the fresh water requirement is 33.063 KLD and the source of fresh water for the existing fishing harbour is from the village of Othaiyalvalai, 1.5 kms away from the Chinnamuttom fishing harbour. The total municipal solid waste generated is estimated 1 tonne per day and it is proposed to use compost pits to convert it into manure. Maintenance dredging of 1,07,000 cub., mts., is envisaged and half the dredged spoils are to be utilized for strengthening the Wharf and land side facilities within harbour. The rest is proposed to be dumped at the selected dumping yard 6 kms away.

6) The DCZMA, Kanniyakumari district have recommended the project in their 40th meeting held on January 2010 itself. However the Fisheries Department have furnished relevant details in their letter dated 02.07.2012.

7) As per CRZ Notification 2011, the activity is permissible vide para 3(i) (a) & 4 (i) (f). As the proposed fishing harbour will have a capacity to handle more than 5 million tones per year it will be treated as "A" category as per EIA Notification 2006 and hence the activity requires clearance from MoEF., GoI vide para 4 (i) (b) of CRZ Notification 2011.

The Authority may consider.

AGENDA ITEM NO:04 **Construction of storm water drain and clear water pond, port building and sub-station at S.No. 175, 176, 180,181 and 183 of Kayalpattu village, Cuddalore Taluk proposed by M/s. Nagarjuna Oil Corporation Limited., Cuddalore**

M/s.. Nagarjuna Oil Corporation Limited., Cuddalore have obtained Environmental Clearance from MoEF., GoI for the setting up of a petroleum refinery for processing 6.5 MMTPA crude oil at Thiruchopuram, Kambalimedu and Kayalpattu villages vide Ir.No. J-11011/39/98-IA.II(I) dated 21.03.2000 and for the establishment of Marine facilities in CRZ., with reference to the above project MoEF., GOI have issued clearance in Ir. No. J-17011/5/99-IA.III dated 01.03.2000.

2) Now M/s. Nagarjuna Oil Corporation Limited., Cudalore., have proposed for the construction of storm water drain and clear water pond, port building and sub-station at S.No. 175, 176, 180,181 and 183 of Kayalpattu village, Cuddalore Taluk and apply for clearance under CRZ Notification 2011. The project proposal includes the following:

a) Construction of Storm water drain from refinery boundary to sea, clear water pond and an inter connecting channel.

The purpose of having storm water drainage system includes:

- (i) segregation of contaminated and non-contaminated water
- (ii) Collection and (iii) treatment / reuse / disposal.

The drain details:

- i) Length of each drain inside the refinery compound wall - 1274.5 m
- ii) Length of drain from compound wall to the disposal point - 550 m
- iii) Dia of interconnecting pipeline channel - 2 ft.
- iv) Length of inter connecting pipeline - 1041 m
- v) Slope of drain 1:1000
- vi) Width of the drain 4m and at disposal point 20m.

The Clear Water Pond details:

- i) the size of the clear water pond is 105 m length, 75m breath and 1.5 m depth.
- ii) During normal period, it is proposed to route all the drain water to HDPE lined clear water pond. The water in the clear water pond will be checked for contamination. If it is contaminated then it will be pumped to ETP for treatment.

b) Construction of Port building & sub-station.

It is proposed to construct the port building to operate the Marine Terminal Facility. The Ground Floor of the building will accommodate the substation/ car park/ stores and the first floor will be used for customs office and second floor for admin office. The total area of the customs and admin office on the first floor will be 3600 sq.ft.

3) The applicant has enclosed application together with the HTL map, project report, EIA, drawing etc., The DCZMA, Cuddalore have recommended the project with the fact that the unit has completed the construction of storm water drain for a length of 250m without prior environmental clearance and stopped the work as per the instructions issued by TNPCB.

4) The total project cost is Rs.4.50 crores and the site is falling in CRZ-I & CRZ-III. As per CRZ Notification 2011, vide para 3 (v) (b) construction of storm water drains and ancillary structures for pumping is permissible activity. However the project requires clearance from the MOEF., GoI vide para 4 (ii) (a) of CRZ Notification 2011 as the said activity is not listed in the EIA Notification 2006. However construction for car park/ stores, customs office, admin office is not permissible activity.

The Authority may consider.

AGENDA ITEM NO:05 **Laying of sea water intake pipeline with pumping facility and outfall pipeline with outfall diffuser on RCC Trestle and Coal Conveyors at Andarmullipalallam village of Cuddalore taluk and Periyapattu village of Chidambaram Taluk proposed by M/s. SRM Energy Limited, Chennai**

The District Environmental Engineer, TNPCB & Convenor, DCZMA, Cuddalore district has forwarded a proposal for the setting up of marine facilities with reference to the Proposed thermal power plant of (3 x 660) 1980 MW capacity at Poovalai village of Chidambaram Taluk, Cuddalore district proposed by M/s. SRM Energy Limited, Chennai.

2) The project involves a construction of thermal power plant of (3 x 660) 1980 MW capacity at Poovalai village of Chidambaram Taluk, Cuddalore district. But the said project site is falling outside CRZ. However the marine facilities with reference to the above thermal plant are falling in CRZ. The applicant has proposed to lay sea water intake pipeline with pumping facility and outfall pipeline with outfall diffuser on RCC Trestle for its desalination plant and Coal Conveyors in S.No. 207 & 211 of Andarmullipalallam village of Cuddalore taluk and S.No. 41,42 and 43 of Periyapattu village of Chidambaram Taluk for clearance under CRZ Notification 2011.

3) Details of Installations :

- a) Construction of RCC piled trestles for 1250 mts length inside sea with width of the trestle being 15mts upto 650 mts i.e., upto sea water intake point and 10mts from 650 mts to 1250 mts ie., upto to sea water out fall point. Coal conveyors will be laid on structural trestles.
- b) Laying of 1 x 2350 mm dia intake water line upto 650mts on the trestle with intake pumping arrangement about 9mts depth.
- c) Laying of 1 x 2000mm dia outfall water line upto 1250 mts on the trestle with outfall diffuser on the seabed about 10mts depth.

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d) Intake water line, outfall waterline and coal conveyors (2 nos) will be laid in a common corridor upto the plant location.

3) The project site which is falling in R.S.No. 207 of Andarmullipallam village of Cuddalore taluk is categorized as CRZ-I, due to the presence of sand dunes. The areas in R.S.No. of Andarmullipalallam village of Cuddalore taluk and S.No 43 of Periyapattu village of Chidambaram Taluk are falling in CRZ-I and area (within 100mts from the Buckingham canal) which is falling in S.No. 41 & 42 of Periyapattu village of Chidambaram Taluk is categorized as CRZ-II. Total Project cost is Rs.50.00 crores.

4) As per CRZ Notification 2011, vide para 8 I CRZ I (i) (b), 8 II CRZ II (v) and 8 III CRZ III (h) the above activities are permissible activities. However the project requires clearance from the MOEF., GoI vide para 4 (ii) (f) of CRZ Notification 2011.

The Authority may consider.

AGENDA ITEM NO:06 **Construction of hatchery unit for breeding tiger shrimp in village Neendakari "B" Agasteeswaram taluk, Kanniyakumari district proposed by Rajiv Gandhi Centre for Aquaculture, Marine Products Export Development Authority, Ministry of Commerce & Industry, Chennai**

The District Environmental Engineer, TNPCB & Convenor, DCZMA, Kanniyakumari district has forwarded a proposal for the construction of hatchery unit for breeding tiger shrimp at R.S.Nos., 1399-1402 & 1409-1412 in village Neendakari "B" Agasteeswaram taluk, Kanniyakumari district proposed by Rajiv Gandhi Centre for Aquaculture, Marine Products Export Development Authority, Ministry of Commerce & Industry, Chennai for clearance under CRZ Notification 2011.

2) The project under name "Tiger Shrimp Broodstock Multiplication Centre" involves the construction of facilities for the production of 1,00,000 tiger shrimp broodstock per annum. The Government of Tamilnadu has allocated 13.24 Ha (32.70 acres) of coastal land in the Revenue Survey Nos., indicated above vide GO. 576 Revenue Department dated 09.11.2010. The total proposed builtup area would be 1,09,523 sq.mts., with buildings of 18,755 sq.mts. The proposed constructions will accommodate reservoirs, packing sheds, storage facilities, maturation tanks, pump and filtrations, overhead tanks and monitoring blocks. All the constructions are semi permanent structures with temporary roofs. The height of the building will be 7mts and the height of overhead tanks will be 9mts from the ground level. The applicant has informed that a greenbelt in an extent of 1.5 has will be developed and the total green belt will be about 33% of total extent. There will not be any kitchen/cooking. The project requires 5 KLD of fresh water, which will be sourced from Non- CRZ area. The site is categorized as CRZ-III and the total project cost is Rs.82.00 crores.

3) For the hatchery process there will be two reservoirs to store the sea water. Initially sea water of 3000 cub.mts will be filled and 50 KLD will be makeup water for the process. The sea water will be tapped from the sea at about 50mts from the shore through a sub-merged pipeline of 4" dia. Normally the male broodstock is 25-30cm length and 70-80 gm weight and the female broodstock is > 30cm length and > 100gm weight. The eggs will be hatched and after 12-13 hrs., become as Nauplii. Nauplii become as Post Larvae after 25-30 days which becomes sub-adult in 2-3 months and adults in 5-6 months. The post Larvae to adult stage takes place in about 11-12 months. The adults become broodstock in 1-2 months period which is spawning and hatching.

4) The DCZMA of Kanniyakumari district have recommended the project in their 55th meeting held on 11.05.2012.

5) Setting up of hatchery unit is permissible activity vide para 3 (iii) of CRZ Notification 2011. However the said activity requires clearance from the MoEF., GoI as the said activity is not listed in the EIA Notification 2006 as per para 4 (ii) (a) of CRZ Notification 2011.

The Authority may consider.

AGENDA ITEM NO:07

Carrying out mining operations with the help of power and machineries in the existing mining sites at Tirunelveli, Kanniyakumari and Tuticorin districts of Tamil Nadu proposed by M/s. V.V. Minerals - amendment requested - regarding.

M/s. V.V. Minerals have applied for Environmental Clearances for mining of rare minerals in several locations, along the coast of Tirunelveli, Tuticorin & Kanniyakumari districts. The Tamil Nadu State Coastal Zone Management Authority and the Government of Tamil Nadu have recommended the proposals to the Ministry of Environment and Forests, Government of India for clearance. The Government of India have issued Environmental Clearances for mining of rare minerals in the orders cited below:

- a) F.No. 10(6) /2004/IA-III dated 10.03.2005
- b) F.No. J-11-57/2005-IA-III dated 21.03.2006
- c) F.No. J-11-56/2005-IA-III dated 03.04.2006
- d) F.No. J-11-17/2006-IA-III dated 15.04.2006

2) Among other conditions, the Ministry of Environment and Forests, GoI has instructed that the mining should be done by physical methods by scraping and no heavy machinery will be used.

3) M/s. V.V. Minerals have informed that w.e.f. 01.01.2007, Illmenite, Rutile, Zircon are de-listed and since these are associated with Radio Active Mineral Monozite and hence all the mining lessees are advised to obtain license under Radiation Protection Rules 2004. Accordingly, as per the provisions of the said rules they have appointed one Radiological Safety Officer with the approval of Atomic Energy Regulatory Board. The AERB in their letter dated 02.04.2008, has informed that it is mandatory to give protection of employees who are working in the mines from radio active health hazard as per the Radiation Protection Rules 2004, as the radio active minerals and associated other heavy minerals may be present in the mining areas.

4) Hence the applicant has informed that the Radiological Safety Officer-Level -I appointed with the approval of Atomic Energy Regulatory Board has advised them to carry out mining operations with the help of power and machineries since the raw material ie., the heavy beach minerals namely

Ilmenite, Rutile, Lucoxene, Zircon, Garnet and Silimanite are inherently associated with Radio Active Monozite, so that the mining labours will not be affected and the general public may be prevented from health hazard.

5) In view of above facts, the applicant has requested to issue amendment to the existing Environmental Clearances for the scientific mining with the use of power and machinery for mining activities instead of manual mining by physical methods.

6) The applicant has informed that all the conditions imposed by the GoI in the Environmental Clearances have been complied with and the applicant has requested to issue only one amendment to the existing Environmental Clearances for the scientific mining with the use of power and machinery for mining activities instead of manual mining by physical methods.

7) As per CRZ Notification 2011, vide para 4 (ii) (g), mining of rare minerals requires clearance from MoEF., GoI.

The Authority may consider.

AGENDA ITEM NO:08 Carrying out mining operations with the help of power and machineries in the existing mining sites at Tuticorin district of Tamil Nadu proposed by M/s. Industrial Minerals India (P) Ltd., Tuticorin - amendment requested - regarding.

M/s. Industrial Minerals India (P) Ltd., Tuticorin have applied for Environmental Clearances for mining of rare minerals along the coast of Tuticorin district. The Tamil Nadu State Coastal Zone Management Authority and the Government of Tamil Nadu have recommended the proposal to the Ministry of Environment and Forests, Government of India for clearance. The Government of India have issued Environmental Clearance for mining of rare minerals in the order F.No. J-17011/44/1998-IA-III dated 12.11.2003.

2) Among other conditions, the Ministry of Environment and Forests, GoI has instructed that the mining should be done by physical methods by scraping and no heavy machinery will be used.

3) M/s. V.V. Minerals have informed that w.e.f. 01.01.2007, Ilmenite, Rutile, Zircon are de-listed and since these are associated with Radio Active Mineral Monozite and hence all the mining lessees are advised to obtain license under Radiation Protection Rules 2004. Accordingly, as per the provisions of the said rules they have appointed one Radiological Safety Officer with the approval of Atomic Energy Regulatory Board. The AERB in their letter dated 02.04.2008, has informed that it is mandatory to give protection of employees who are working in the mines from radio active health hazard as per the Radiation Protection Rules 2004, as the radio active minerals and associated other heavy minerals may be present in the mining areas. .

4) Hence the applicant has informed that the Radiological Safety Officer-Level -I appointed with the approval of Atomic Energy Regulatory Board has advised them to carry out mining operations with the help of power and machineries since the raw material ie., the heavy beach minerals namely Ilmenite, Rutile, Lucoxene, Zircon, Garnet and Silimanite are inherently associated with Radio Active Monozite, so that the mining labours will not affected and the general public may be prevented from health hazard.

5) In view of above facts, the applicant has requested to issue amendment to the existing Environmental Clearances for the scientific mining with the use of power and machinery for mining activities instead of manual mining by physical methods.

6) The applicant has informed that all the conditions imposed by the GoI in the Environmental Clearances have been complied with and the applicant has requested to issue only one amendment to the existing Environmental Clearances for the scientific mining with the use of power and machinery for mining activities instead of manual mining by physical methods.

7) As per CRZ Notification 2011, vide para 4 (ii) (g), mining of rare minerals requires clearance from MoEF., GoI.

The Authority may consider.

**AGENDA ITEM NO:09 Construction of Beach Resort in Uthandi village of
Tambaram Taluk, Kancheepuram district
proposed by M/s. Malvika Resorts., Chennai**

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for the Construction of Beach Resort in Uthandi village of Tambaram Taluk, Kancheepuram district proposed by M/s. Malvika Resorts., Chennai for clearance under CRZ Notification 2011. The details of the proposal are as follows:

2) The applicant has proposed to set up a beach resort at S.F. No. $\frac{1}{4}$, 2/19B, 25A, 434, Mahabalipuram village in an extent of 2.3831 hectares (23,831 sq.mts). The area of development zone is 6,344 sq.mts and the non development zone is 17,487 sq.mts. The unit has proposed to develop resort with a facility of 100 rooms besides other facilities such as service rooms, restaurants, bar, banquet halls with basement, ground floor and first floor with the total built up area of 7566.35 sq.mts. The total height of the building is 8.99 mts. FSI is 0.32. The total cost of the project is 30 crores. The total water requirement will be 115 KLD which will be met by the applicant through external water supply. The applicant has proposed STP for the treatment of waste water.

3) The District Coastal Zone Management Authority., Kancheepuram in the meeting held on 13.07.2012 have recommended the project.

4) As per CRZ Notification 2011, vide para 8 III CRZ III B (i) setting up of beach resorts with the prior approval of MoEF., GoI., in CRZ-III between 200mts to 500mts area is permissible activity.

The Authority may consider.

AGENDA ITEM NO:10 **Construction of Beach Resort in Mahabalipuram village of Thirukalukundram Taluk, Kancheepuram district proposed by M/s. VGS Estates Pvt., Ltd., Chennai**

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for the Construction of Beach Resort in Mahabalipuram village of Thirukalukundram Taluk, Kancheepuram district proposed by M/s. VGS estates pvt., Ltd., Chennai for clearance under CRZ Notification 2011. The details of the proposal are as follows:

2) The applicant has proposed to set up a beach resort at S.F. No. 14/3C2A, 14/3C2B, Mahabalipuram village in an extent of 3.0079 hectares (30,079.06 sq.mts). The area of development zone is 15418.28 sq.mts and the non development zone is 14,660.78 sq.mts. The unit has proposed to develop resort with a facility of 48 cottages besides other facilities such as restaurants, bar, spa with ground floor and first floor with the total built up area of 7001.08 sq.mts. The total height of the building is 7.95 mts. FSI is 0.23. The total cost of the project is 70 crores. The total water requirement will be 115 KLD which will be met by the applicant through external water supply. The applicant has proposed STP for the treatment of waste water.

3) The District Coastal Zone Management Authority., Kancheepuram in the meeting held on 13.07.2012 have recommended the project.

4) As per CRZ Notification 2011, vide para 8 III CRZ III B (i) setting up of beach resorts with the prior approval of MoEF., GoI., in CRZ-III between 200mts to 500mts area is permissible activity.

The Authority may consider.

AGENDA ITEM NO:11 **Construction of Beach Resort in Kanathur village and Vadapattinam village of Cheyyur Taluk, Kancheepuram district proposed by M/s. VG Park Beach Resorts Pvt., Ltd., Chennai**

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for the Construction of Beach Resort in Kanathur village and Vadapattinam village of Cheyyur Taluk, Kancheepuram district proposed by M/s. VG Park Beach Resorts Pvt., Ltd., Chennai for clearance under CRZ Notification 2011. The details of the proposal are as follows:

2) The applicant has proposed to set up a beach resort at S.F. No. 95/2, 92/2B5, 94/4, 95/3, 94/2, 92/2B3 of Kanathur village and S.F. No. 292/2, 289/2C, 289/2A of Vadapattinam village in an extent of 6.483 hectares (64830.16 sq.mts). The area of development zone is 26762.69 sq.mts and the non development zone is 38067.47 sq.mts. The unit has proposed to develop resort with a facility of 96 rooms besides other facilities such as restaurants, bar, spa with ground floor and first floor with the total built up area of 14512.62 sq.mts. The total height of the building is 7.95 mts. FSI is 0.21. The total cost of the project is 100 crores. The total water requirement will be 115 KLD which will be met by the applicant through external water supply. The applicant has proposed STP for the treatment of waste water.

3) The District Coastal Zone Management Authority., Kancheepuram in the meeting held on 13.07.2012 have recommended the project.

4) As per CRZ Notification 2011, vide para 8 III CRZ III B (i) setting up of beach resorts with the prior approval of MoEF., GoI., in CRZ-III between 200mts to 500mts area is permissible activity.

The Authority may consider.

AGENDA ITEM NO:12 **Construction of School in Navallur village of Chengalpattu Taluk, Kancheepuram district proposed by Thiru A. Lakshmi Narayanan, Chennai**

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for the Construction of school in Navallur village of Chengalpattu Taluk, Kancheepuram district proposed by Thiru A. Lakshmi Narayanan, Chennai for clearance under CRZ Notification 2011. The details of the proposal are as follows:

2) The applicant has proposed to set up a school in S.F. No. 6 pt, 8 pt, 12 pt of Navallur village of Chenalpattu taluk in an extent of 0.9399 hectares (9399 sq.mts). The entire area of development is falling in non development zone. The unit has proposed to develop school with a facility of 69 class rooms besides other facilities such as labs, auditorium, drawing room and office with ground floor, first floor and second floor with the total built up area of 9194.77 sq.mts. The total height of the building is 13.81mts. The total cost of the project is 4.54 crores. The total water requirement will be 28 KLD which will be met by the applicant through external water supply. The applicant has proposed STP for the treatment of waste water.

3) The District Coastal Zone Management Authority., Kancheepuram in the meeting held on 13.07.2012 have recommended the project.

4) As per CRZ Notification 2011, vide para 8 III CRZ III A (iii) (j) setting up of schools in CRZ-III between 0 - 200mts area (No Development Zone) is permissible activity. There is no restrictions in height and number of floors as per CRZ Notification 2011. However the constructions should conform the norms of local Town and Country Planning rules and regulations.

The Authority may consider.

AGENDA ITEM NO:13 **Proposed extension of conveyor and pipelines passing across and over the Korampallam canal, Thoothukkudi proposed by M/s. SPIC Electric Power Corporation (P) Ltd., Chennai.**

The District Collector/ Chairman, DCZMA Thoothukkudi has forwarded a proposal for the extension of conveyor and pipelines passing across and over the Korampallam canal for a distance of around 300 mts at Thoothukkudi proposed by M/s. SPIC Electric Power Corporation (P) Ltd., Chennai for clearance under CRZ Notification 2011.

In this connection the following details are submitted:

- a) The applicant has obtained Environmental Clearance for the Tuticorin Thermal Power Project stage - IV- 1 x 525 MW (unit 1) with in VO Chidambaranar Port Trust estate from MoEF., GOI in Ir. No. J-13011/22/95-IA-III dated 17.05.1996 relating to the Power Plant area.
- b) CRZ clearance for the foreshore facilities such as construction of coal jetty, coal conveyor, cooling water intake, cooling water outfall, cooling water pump house, coal conveyor switch room etc., in connection with the above Power plant from MoEF., GoI in Ir. No. J-16011/4/97-IA-III dated 06.08.1997.
- c) However the location of Power Plant was shifted to the new site and Environmental Clearance was obtained from the MoEF., GoI for the new location in Ir. No. 13023/23/2010-IA-II((T) dated 03.11.2010 (and amended on 15.02.2011)

2) The TNPCB have already issued No objection Certificate for the above unit in their letter No, T11/TNPCB/F.253/VOC/TNSEC/97 dated 04.03.1997.

3) In this connection it is submitted that the applicant has obtained Environmental Clearance from the MOEF., GoI. , for the relocation of power plant. However CRZ Clearance has not been obtained for the foreshore facilities with reference to new location. It is pointed out that there is no change in the location of foreshore facilities and also the foreshore activities viz., coal jetty, coal conveyor, cooling water intake, cooling water outfall, cooling water pump house, coal conveyor switch room etc. However the new Power Plant location is situated at about 2kms from the original Power Plant location., on the landward side., the coal conveyor systems, Cooling water intake and cooling water outfall pipelines have to be erected for an additional length of about two kms., and a part of the said facilities are crossing CRZ across Korampallam canal about 300mts.

4) Hence the DCZMA forwarded the proposal for clearance with the recommendation.

5) The site is falling in CRZ-I (inter tidal zone) and CRZ-III. The total Cost of the project falling in CRZ is below Rs. 5.00 crores. As per CRZ Notificaton 2011, vide para 4 (ii) (f) the above activities requires clearance from the MoEF., GoI.

The Authority may consider

AGENDA ITEM NO:14 **Improvement of approach roads to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Kottaikuppam and Jameelabad villages of Ponneri Taluk, Tiruvallur district**

The District Environmental Engineer, TNPCB, Tiruvallur district has forwarded a proposal for Improvement of approach roads & culverts to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Tiruvallur district proposed by the Programme Co-ordinator, Tsunami Implementation unit, Tiruvallur for clearance under CRZ Notification 2011. The details of the proposal are as follows:

Approach roads for Evacuation shelters

Sl. No.	Name of the Village / work	Cost of the project (Rs. In lakhs)	CRZ category
1.	Providing BT road with approach cement concrete road to Kottaikuppam Evacuation Shelter about 65 Omts length.	10.00	CRZ III
2.	Providing cement concrete road with 3 nos of culvert to Jameelabad Evacuation shelter.	83.78	CRZ III

2) The District Coastal Zone Management Authority., Tiruvallur have recommended the project.

3) As per CRZ Notification 2011, vide para 8 III CRZ III (iii) (j) construction of roads & bridges etc., for local inhabitants is permissible activity.

The Authority may consider.

AGENDA ITEM NO:15 **Improvement of approach road to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Uthandi village of Kancheepuram district**

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for Improvement of approach road to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Kancheepuram district proposed by Tsunami Implementation unit, Kancheepuram district for clearance under CRZ Notification 2011. The details of the proposal are as follows:

Approach road for Evacuation shelters

Sl. No.	Name of the Village / work	Cost of the project (Rs. In lakhs)	CRZ category
1.	Providing cement concrete road to Evacuation Shelters at Uthandi about 176 mts length.	7.78	CRZ III

2) The District Coastal Zone Management Authority., Kancheepuram in the meeting held on 13.07.2012 have recommended the project.

3) As per CRZ Notification 2011, vide para 8 III CRZ III (iii) (j) construction of roads & bridges etc., for local inhabitants is permissible activity.

The Authority may consider.

AGENDA ITEM NO:16 **ANY OTHER ISSUES WITH THE PERMISSION OF CHAIR.**

Sd/-
Dr. H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Sd/-
Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept.,
Chennai - 9.

ADDL. AGENDA ITEM NO:01 Preparation of Environmental Policy for Tamilnadu with the assistance of ICRA Management Consulting Services Limited, Chennai.

Environmental conservation is an integral part of the socio economic development and sustainable development is the need of the hour. Hence by protecting the environment, the economic interests of the poorer sections of society are safeguarded. To minimize the conflicts of interest between various competing activities, an appropriate policy rationally integrating the activities of all the stakeholders is essential. Further the coastline of Tamil Nadu has a length of about 1076 kms and constitutes about 15% of the coastal length of India. The conservation of Environment including coastal environment necessitated a need for a separate Environmental Policy for Tamilnadu.

2) The Hon'ble Minister for Environment, Government of Tamil Nadu has announced in the State Legislative Assembly, during the Budget Session, that a "State Environmental Policy for Tamilnadu" will be formulated in the current year.

3) Accordingly action have been taken to formulate the policy. Government of Tamilnadu has formed sub-groups for deliberating and providing recommendations on the contours of the Policy document. As the framing of policy requires wide range of expertise in the field of environment, expression of interest to assist the Department of Environment on the preparation of Environmental Policy was called for from the public and only one firm viz., M/s. ICRA Management Consulting Services Ltd., Chennai have expressed their interest. M/s ICRA Management Consulting Services Ltd., is a management and development consulting firm and they have indicated that they have 15 years of consulting experience and also have completed about 1000 project across 35 countries.

4) M/s. ICRA Management Consulting Services Ltd., Chennai have quoted Rs.4,95,000/- (Rupees four lakhs ninety five thousands only) exclusive of 12.36% service tax as their professional fees, which is payable in two installments @ 50% each upon commencement and upon submission of final draft policy, to carry out the following assignments:

- a) Incorporation of inputs from sub-groups formed and
- b) Review of other policy documents that form inputs for the environmental policy.

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5) As the proposed Environmental Policy will also focus on the coastal stretches of Tamilnadu, the policy will be helpful to take policy decisions and also to formulate various projects for implementation to achieve the following objectives:

- a) To ensure livelihood security to the fishing communities and other local communities living in the coastal areas;
- b) To conserve and protect coastal stretches
- c) To promote development in a sustainable manner based on scientific principles, taking into account the dangers of natural hazards in the coastal areas and sea level rise due to global warming.
- d) Control the discharge of untreated sewage, effluents and the disposal of solid wastes as such activities endanger the fish and their ecosystem;
- e) Conserve and protect habitats in the marine area such as corals and coral reefs and associated biodiversity, marine sanctuaries and biosphere reserves, sea grass beds etc. which act as spawning, nursery and rearing grounds for fish and fisheries;
- f) Regulate activities in the marine and coastal waters such as dredging, sand mining, discharge of waste from ships, construction like groynes, breakwaters, etc. including reclamation which have serious impacts on fishing and allied activities;

6) It is proposed to make the above said professional fees from the "Tamilnadu State Coastal Zone Development Fund" .

The Authority may consider.

Dr. H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai - 9.

As the framing of policy requires wide range of expertise in the field of environment, expression of interest to assist the Department of Environment on the preparation of Environmental Policy was called for from the public and only one firm viz., M/s. ICRA Management Consulting Services Ltd., Chennai have expressed their interest.

M/s. ICRA Management Consulting Services Limited., Chennai have quoted Rs.4,95,000/- (Rupees four lakhs ninety five thousands only) exclusive of 12.36% service tax as their professional fees, which is payable in two installments @ 50% each upon commencement and upon submission of final policy, to carry out the following assignments:

- a) Incorporation of inputs from sub-groups formed and
- b) Review of other policy documents that form inputs for the environmental policy.

The payment may be made from the "Tamilnadu State Coastal Zone Development Fund" . The above proposal may be placed before the next SCZMA for approval.

Draft additional agenda put up below may be approved. The same may be sent to the Principal Secretary to Government, Environment and Forests Department for approval.

DEPARTMENT OF ENVIRONMENT

From
Dr.H. Mallshappa., I.F.S.,
Director, Dept. of Environment,
Ground Floor, Panagal Buildings,
Saidapet, Chennai - 600 015

To
The Principal Secretary to Government,
Environment & Forests Department,
Fort St. George,
Chennai - 600 009

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R.C. No.P1/444/2011 dated 17.08.2012

Sir,

Sub: Tamil Nadu State Coastal Zone Management Authority - 68th meeting of the Authority scheduled to be held on 23.08.2012 at 04.00 P.M. at Secretariat - draft additional agenda forwarded for approval - Regarding.

Ref: 1. S.O.No.91 (E) dated 18th January 2012 of Ministry of Environment and Forests, Government of India.
2. Government Ir. No. 2543/EC-3/2012-4 Environment and Forests Department dated 16.08.2012.

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I am enclosing herewith a draft additional agenda notes for the 68th meeting of the Tamil Nadu State Coastal Zone Management Authority scheduled on 23.08.2012 for approval and a copy of the same will be circulated to the Members on receipt of approval.

Yours faithfully,
Sd/- Dr. H. Malleshappa.,
Member Secretary,

Tamil Nadu State Coastal Zone Management Authority
and Director of Environment
Chennai 600 015

/forwarded by order/

For Director of Environment

/forwarded by order/

For Director of Environment

**MINUTES OF THE 68th MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 23.08.2012**

AGENDA ITEM NO.1 **Confirmation of the Minutes of the 67th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.07.2012.**

The minutes of the 67th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.07.2012 communicated in letter No.P1/444/2011 dated 20.07.2012 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2 **Report on the follow up action taken in respect of decisions taken during the 67th meeting of the TNSCZMA.**

The Member Secretary briefed the members about the action taken by the Department of Environment, on the decisions taken at the 67th meeting of the Tamil Nadu State Coastal Zone Management authority held on 10.07.2012.

AGENDA ITEM NO.03 **Reconstruction and Modernization of Chinnamuttom Fishing harbour funded by the World Bank under ETRP scheme proposed by Fisheries Department.**

The Authority resolved to request the applicant to furnish the following additional details for consideration:

- a) A comprehensive EIA based on scientific studies shall be prepared with reference to erosion, siltation, tranquility etc., on the shore through one among the institutions like National Centre for Sustainable Coastal Management (NCSCM)/ ICMAM/ NIOT Chennai.
- b) The baseline data indicated in the EIA regarding DO, BOD, COD have not been predicted /calculated properly. At the indicated levels micro organisms can not survive. The proposed STP based on the said baseline data will not serve the purpose. Hence a revised EIA and EMP shall be prepared. The baseline data on the oil spillage levels at present in the harbour and the future estimates after reconstruction of harbour along with the mitigation measures shall be incorporated in the report.

.2.

- c) The EIA report is silent on the location of dumping of dredged materials, consequences of dumping, the characteristics of sediments in the dredging materials, prevention of contamination etc., The same may be furnished.
- d) Marine data like presence of organisms, what is likely to happen after the execution of the project and mitigation measures to be taken on the adverse impacts, if any, shall be provided.
- e) Discharge of waste water into the sea will not be allowed. Suitable ways for the reuse of the water shall be evolved.
- f) Proper Solid Waste Management plan shall be furnished.

AGENDA ITEM NO:04 **Construction of storm water drain and clear water pond, port building and sub-station at S.No. 175, 176, 180,181 and 183 of Kayalpattu village, Cuddalore Taluk proposed by M/s. Nagarjuna Oil Corporation Limited., Cuddalore.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions :

- a) The unit shall construct the storm water drain, clear water pond and buildings for the integrated allied facilities such as sub-station, machine room etc., There should not be any construction for stores/ customs office and administration office etc., in CRZ area, which shall be constructed outside CRZ area.
- b) The unit shall ensure that only storm water shall be discharged into sea without affecting the marine aquatic life.
- c) The unit shall ensure that no effluents and contaminates shall be mixed with storm water at any cost.
- d) The capacity of ETP shall be designed and to be enhanced adequately based on the estimation of run-off/rate of discharge of water from the contaminated water collection areas.

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- e) The unit shall consider the erection of additional collection tanks to store maximum run-off rainwater, to improve the quality and level of ground water.
- f) The unit shall create green development to the maximum extent and utilize the rain water to the maximum extent.
- g) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.
- h) The unit shall obtain NOCs before the commencement of construction activities, from the concerned statutory authorities of Revenue, PWD, Port, State and National Highways, if the proposed pipelines are passing through their respective jurisdictions.
- i) All activities should conform to the provisions of the CRZ Notification 2011.
- j) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:05

Laying of sea water intake pipeline with pumping facility and outfall pipeline with outfall diffuser on RCC Trestle and Coal Conveyors at Andarmullipalallam village of Cuddalore taluk and Periyapattu village of Chidambaram Taluk proposed by M/s. SRM Energy Limited, Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions :

- a) It shall be ensured that the temperature of outfall seawater shall not higher 5 C than that of intake seawater temperature..
- b) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- c) There should not be any extraction of ground water in CRZ.
- d) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.

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- e) Necessary consents from TNPCB shall be obtained.
- f) The unit shall obtain NOCs before the commencement of construction activities, from the concerned authorities of Revenue, PWD, Railways, State and National Highways, if the proposed pipelines are passing through their respective jurisdictions.
- g) A long term agreement shall be entered with leading environmental agencies such as IOM Anna University, NIOT Pallikaranai, CAS Marine Biology, Annamalai University or SDMRI, Tuticorin to assess and monitor the impacts on marine environment, to carry out research on minimizing the damages, to formulate and implement suitable conservation programmes.
- h) The unit shall create continuous online monitoring system in consultation with the Tamil Nadu Pollution Control Board. Facility for Online monitoring of Environmental Parameters shall be created in such a way that Tamil Nadu Pollution Control Board shall have access to the data.
- i) All activities should conform to the provisions of the CRZ Notification 2011.
- j) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:06

Construction of hatchery unit for breeding tiger shrimp in village Neendakari "B" Agasteeswaram taluk, Kanniyakumari district proposed by Rajiv Gandhi Centre for Aquaculture, Marine Products Export Development Authority, Ministry of Commerce & Industry, Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.

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- b) Proper arrangements should be made for the disposal of solid wastes generated in the project areas
- c) All activities should conform to the provisions of the CRZ Notification 2011.
- d) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:07

Carrying out mining operations with the help of power and machineries in the existing mining sites at Tirunelveli, Kanniyakumari and Tuticorin districts of Tamil Nadu proposed by M/s. V.V. Minerals - amendment requested - regarding.

The Authority resolved to recommend the request of the applicant for amendment to the existing Environmental Clearances to carry out mining operations with the use of power and machinery instead of manual mining by physical methods, at the existing mining sites at Tirunelveli and Kanniyakumari districts of Tamilnadu, to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- b) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.
- c) The entire rejects (sand) after the separation of rare minerals should be used for refilling of mining areas with out fail.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project areas
- e) A long term agreement shall be entered with a reputed environmental institutions such as Institute of Ocean Management (IOM), Anna University, Chennai or Suganthi Devadasan Marine Institue (SDDMRI), Tuticorin to periodically assess and monitor the impact of mining operations on the marine environment including beach conditions for taking preventive action, by the project proponent, in

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the event of any adverse impacts. The status report shall be furnished every year based on the above assessment.

- f) The details such as machineries to be utilized, Number of machineries & their capacities, the man power to be employed & their skills, monitoring mechanisms shall be furnished before the execution of works.
- g) The applicant should adhere all the terms and conditions, already imposed in the existing environmental clearance with out any omission.
- h) All activities should conform to the provisions of the CRZ Notification 2011.
- i) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:08 **Carrying out mining operations with the help of power and machineries in the existing mining sites at Tuticorin district of Tamil Nadu proposed by M/s. Industrial Minerals India (P) Ltd., Tuticorin - amendment requested - regarding.**

The Authority resolved to recommend the request of the applicant for amendment to the existing Environmental Clearance to carry out mining operations with the use of power and machinery instead of manual mining by physical methods, at the existing mining sites at Tuticorin district of Tamilnadu, to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- b) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.
- c) The entire rejects (sand) after the separation of rare minerals should be used for refilling of mining areas with out fail.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.

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- e) A long term agreement shall be entered with a reputed environmental institutions such as Institute of Ocean Management (IOM), Anna University, Chennai or Suganthi Devadasan Marine Institute (SDDMRI), Tuticorin to periodically assess and monitor the impact of mining operations on the marine environment including beach conditions for taking preventive action, by the project proponent, in the event of any adverse impacts. The status report shall be furnished every year based on the above assessment.
- f) The details such as machineries to be utilized, Number of machineries & their capacities, the man power to be employed & their skills, monitoring mechanisms shall be furnished before the execution of works.
- g) The applicant should adhere all the terms and conditions, already imposed in the existing environmental clearance with out any omission.
- h) All activities should conform to the provisions of the CRZ Notification 2011.
- i) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:09

Construction of Beach Resort in Uthandi village of Tambaram Taluk, Kancheepuram district proposed by M/s. Malvika Resorts., Chennai

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ.
- b) Source of fresh water for the project shall be furnished. The details of the authorised water suppliers, from whom fresh water will be procured for the project shall be furnished along with the details of authorization obtained by them, location of extraction of water, quantity of fresh water agreed upon., etc.. If the water is to be

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extracted from outside CRZ area, NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.

- c) The Rain Water Harvesting facilities shall be increased so as to reduce the fresh water intake to the minimum possible extent.
- d) Waste water especially detergent effluent should be treated effectively in the STP and treated sewage shall be recycled after disinfection for toilet flushing and green belt development.
- e) The usage of dry toilet shall be considered.
- f) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC)
- g) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- h) The unit should obtain planning permission for their proposed construction from the Chennai Metropolitan Development Authority.
- i) All activities should conform to the provisions of the CRZ Notification 2011.
- j) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:10

Construction of Beach Resort in Mahabalipuram village of Thirukalukundram Taluk, Kancheepuram district proposed by M/s. VGS Estates Pvt., Ltd., Chennai

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ.
- b) Source of fresh water for the project shall be furnished. The details of the authorised water suppliers, from whom fresh water will be procured for the project shall be furnished along with the details of authorization obtained by them, location of extraction of water,

.9.

quantity of fresh water agreed upon., etc.. If the water is to be extracted from outside CRZ area, NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.

- c) The Rain Water Harvesting facilities shall be increased so as to reduce the fresh water intake to the minimum possible extent.
- d) Waste water especially detergent effluent should be treated effectively in the STP and treated sewage shall be recycled after disinfection for toilet flushing and green belt development.
- e) The usage of dry toilet shall be considered.
- f) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).
- g) The possibilities of reuse of STP sludge as solid waste for the bio-gas plant shall be explored.
- h) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- i) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- j) All activities should conform to the provisions of the CRZ Notification 2011.
- k) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:11 **Construction of Beach Resort in Kanathur village and Vadapattinam village of Cheyyur Taluk, Kancheepuram district proposed by M/s. VG Park Beach Resorts Pvt., Ltd., Chennai**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ.

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- b) Source of fresh water for the project shall be furnished. The details of the authorised water suppliers, from whom fresh water will be procured for the project shall be furnished along with the details of authorization obtained by them, location of extraction of water, quantity of fresh water agreed upon., etc.. If the water is to be extracted from outside CRZ area. NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.
- c) The Rain Water Harvesting facilities shall be increased so as to reduce the fresh water intake to the minimum possible extent.
- d) Waste water especially detergent effluent should be treated effectively in the STP and treated sewage shall be recycled after disinfection for toilet flushing and green belt development.
- e) The usage of dry toilet shall be considered.
- f) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).
- g) The possibilities of reuse of STP sludge as solid waste for the bio-gas plant shall be explored.
- h) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- i) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- j) All activities should conform to the provisions of the CRZ Notification 2011.
- k) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:12 **Construction of School in Navallur village of Chengalpattu Taluk, Kancheepuram district proposed by Thiru A. Lakshmi Narayanan, Chennai**

The Authority resolved to clear the proposal for the construction of school subject to the following specific conditions.

- a) The construction should be in conformity with the norms of local town and country planning rules and regulations. The applicant should obtain planning permission from the Department of Town and Country Planning/ competent authority.
- b) NoC from the Department of Fire shall be obtained before the construction of building.
- c) There should not be any ground water extraction in CRZ.
- d) Untreated sewage should not be let out in the CRZ
- e) Proper arrangements should be made for the proper disposal of solid wastes generated in the project area, by providing Organic Waste Converter (OWC).
- f) The proponents should explore the feasibilities restricting the height of the building to 9mts., specified for residential buildings under the CRZ Notification 2011.
- g) Source of fresh water for the project shall be furnished. The details of the authorised water suppliers, from whom fresh water will be procured for the project shall be furnished along with the details of authorization obtained by them, location of extraction of water, quantity of fresh water agreed upon., etc.. If the water is to be extracted from outside CRZ area. NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.
- h) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- i) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:13 **Proposed extension of conveyor and pipelines passing across and over the Korampallam canal, Thoothukkudi proposed by M/s. SPIC Electric Power Corporation (P) Ltd., Chennai.**

- a) The unit shall obtain NOCs before the commencement of construction activities, from the concerned authorities of Revenue, PWD, Railways, State and National Highways, if the proposed pipelines are passing through their respective jurisdictions.
- b) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- c) There should not be any extraction of ground water in CRZ.
- d) It shall be ensured that the temperature of outfall seawater shall not higher 5 C than that of intake seawater temperature. The applicant shall provide online monitoring system to monitor the temperature of water at inlet and outlet regularly..
- e) Free hydraulic flow of water in the Korampallam canal shall be ensured.
- f) There shall not be any Junction Towers/transfer points in the conveyor routing crossing the canal.
- g) There should not any spillage of coal into the Korampallam canal.
- h) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- i) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:14 **Improvement of approach roads to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Kottaikuppam and Jameelabad villages of Ponneri Taluk, Tiruvallur district**

The Authority resolved to clear the proposal for the improvement of approach road and construction of culverts leading to the multipurpose evacuation shelters subject to the following conditions:

.13.

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- b) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- e) All activities should conform to the provisions of the CRZ Notification 2011.

AGENDA ITEM NO:15 **Improvement of approach road to the multipurpose evacuation shelters under World Bank Aided ETRP Programme in Uthandi village of Kancheepuram district**

The Authority resolved to clear the proposal for the improvement of approach road leading to the multipurpose evacuation shelter subject to the following conditions:

- a) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- b) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- e) All activities should conform to the provisions of the CRZ Notification 2011.

AGENDA ITEM NO:16

**ANY OTHER ISSUES WITH THE
PERMISSION OF CHAIR.**

**a) ADDL. AGENDA ITEM NO:01 Preparation of Environmental Policy for
Tamilnadu with the assistance of ICRA
Management Consulting Services
Limited, Chennai.**

The Authority resolved to permit the Director of Environment/
Member Secretary, TNSCZMA to make the payment of Rs. 4,95,000/-
(Rupees four lakhs ninety five thousands only) exclusive of 12.36% service
tax from the "Tamilnadu State Coastal Zone Development Fund" to M/s.
ICRA Management Consulting Services Ltd., Chennai towards their
professional fees, which is payable in two installments @ 50% each upon
commencement and upon submission of final draft State Environment policy
for Tamilnadu.

b) GENERAL:

The Principal Secretary to Government, Environment and
Forests/Chairman, TNSCZMA has once again reiterated the need for the
monitoring coastal activities effectively and insisted that the activities at
construction and post construction stages shall be properly regulated. He
also requested the Director of Environment/ Member Secretary, TNSCZMA
to arrange for the site inspection by the recently constituted sub-
committee. The Member Secretary, TNSCZMA informed that the first site
inspection will be arranged during the second week of September/2012, by
the Assistance Conservator of Forests, Department of Environment who has
been assigned to arrange and co-ordinate the Members of sub-committee
for site inspection.

Dr. H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept.,
Chennai - 9.

