

MINUTES OF THE SEVENTH MEETING OF STATE LEVEL EXPERT
APPRAISAL COMMITTEE (SEAC), TAMILNADU, CHENNAI-32 HELD ON
14th & 15th NOVEMBER 2008.

PRESENT:

Expert Committee

- | | | | |
|--------------------------|----------|---------------------------|-----------|
| 1. Dr. Muthiah Mariappan | Chairman | 2. Shri. R. Ramachandran | Secretary |
| 3. Dr. K. Thanasekaran | Member | 4. Shri. P.M. Natarajan | Member |
| 5. Dr. S. Sivanesan | Member | 6. Dr. K. Srinivas | Member |
| 7. Prof. T. Swaminathan | Member | 8. Dr. V. Sunderaraj | Member |
| 9. Dr. Dhulasi Birundha | Member | 10. Dr. A.G. Murugesan | Member |
| 11. Shri V. Ramdoss | Member | 12. Prof. K. Muthuchelian | Member |
| 13. Dr. H. Mohamad Kasim | Member | | |

Representatives of the Projects

Representatives of M/s. DLF Retail Developers Ltd
Representatives of M/s. P.S. Srijan Developers
Representatives of M/s. P.S. Srijan Projects
Representatives of M/s. South India Shelters, "SIS Acorpolo"
Representatives of M/s. Puruvankara Projects Ltd
Representatives of M/s. ECCI Info Park Ltd
Representatives of M/s. Cethar Vessels Limited
Representatives of M/s. Voora Property Developers (P) Ltd
Representatives of M/s. L&T Arun Excello Commercial Project Pvt. Ltd
Representatives of M/s. Industrial Waste Management Association
Representatives of M/s. Nagai Power Private Limited
Representatives of M/s. Gem Granites
Representatives of M/s. Vijay Cements, (Sri Vaasa Cements Pvt. Ltd)
Representatives of M/s. Sree Jothi Cements Ltd
Representatives of M/s. Tamil Nadu Newsprint & Papers Ltd, (TNPL)
Representatives of M/s. DSRM Steels (P) Ltd.

Day -1

7.00.00 GENERAL INTRODUCTION BY THE CHAIRMAN AND SECRETARY OF THE COMMITTEE

The Chairman and Secretary welcomed the Members of the SEAC for the seventh meeting and the projects for which applications along with Form-I were received were taken for appraisal.

7.01.01 M/s. DLF Retail Developers Ltd, T.S.No.3 & Block No.7, Velachery Main Road, Guindy, Chennai District - 8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee heard the details presented by the proponent during 1st appraisal meeting of SEAC conducted on 8th - 10th May 2008 and the committee decided that the proposal is appropriately modified and resubmitted for consideration with

additional details. The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.10.10.08.

The committee has considered the project proposal and decided to recommend for grant of Environmental Clearance subject to the submission of following details:

1. Lifting of the spoil soil from the activity site to another site at Porur has to be substantiated with following details.
 - a) Extent of the land available at Porur for disposal of the soil and its capacity to accommodate the volume of the soil.
 - b) Details as for the Ownership of the land namely, RS/TS No., Legal owner, contour of the entire area claimed to be owned by the Proponent.
 - c) The existing drainage pattern of the storm water and the pattern of the discharge of the storm water in the proposed area.
 - d) The activity in and around the proposed area for the disposal of the soil.
 - e) Consequential development of the proposed site and its surroundings.
 - f) The necessary approval/permission for lifting, transporting & disposal of the soil.
 - g) Contour levels of the area after dumping and leveling the earth shifted.
 - h) Expected drainage pattern after development of the site.
 - i) Purpose for which the proposed site at Porur intend to be used and the possibility of any removable of the earth.
 - j) Influence of the quality of the soil at the proposed site of dumping.

Odour control for the Sewage Treatment Plant to be provided.

7.01.02/ 1.01.08 M/s.PS. Srijan Developers, S.No.447/1a, 448/1a, etc. Pudur Village, Chengalpattu Taluk, Kancheepuram District - 8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee heard the details presented by the proponent during 1st appraisal meeting of SEAC conducted on on 8th - 10th May 2008 and the committee decided that the proposal is appropriately modified and resubmitted for consideration with additional details. The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.31.07.08.

The committee has considered the project proposal and decided to recommend for grant of Environmental Clearance subject to the submission of following details:

1. Provide the quality & quantity of the treated waste water for specific uses within the proposed activity site.

7.01.03/ 3.01.05 M/s.PS. Srijan Developers, S.No.334/2, 334/3, etc. Krishnarayapuram Village, Coimbatore Taluk & District - 8(a) Building & Construction Projects-Environmental Clearance-

Regarding.

The committee heard the details presented by the proponent during 3rd appraisal meeting of SEAC conducted on 17th - 19th July 2008 and the committee decided that the proposal is appropriately modified and resubmitted for consideration with additional details. The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.22.09.08.

The committee has considered the project proposal and decided to recommend for grant of Environmental Clearance subject to the submission of following details:

1. Transport of spoil soil from the proposed activity site to new site at Ukkadam should have valid permission from the Competent Authority.

7.01.04/
1.01.16 M/s.South India Shelters, "SIS Acorpolo" Pirattiyur East Village, Trichy District - 8(a) Building & Construction Projects - Environmental Clearance-Regarding.

The committee heard the details presented by the proponent during 1st appraisal meeting of SEAC conducted on 8th - 10th May 2008 and the committee decided to call for additional details. The proponent furnished the details and also circulated the details to the members of SEAC.

Based on the information the committee has considered the project proposal and decided to recommend for grant of Environmental Clearance but deferred by SEIAA for want of details and re-appraisal.

The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.22.08.08.

The committee has considered the letter received from SEIAA and discussed the response given by the Proponent. The Proponent may give an undertaking in writing that the treated sewage will be transported to the site indicated by the Tiruchirapalli City Corporation.

7.01.05/
1.01.19 M/s.Puruvankara Projects Ltd, Madavakkam Village, St.Thomas Mount Panchayat Union, Tambaram Taluk, Kancheepuram District-8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee heard the details presented by the proponent during 1st appraisal meeting of SEAC conducted on 8th - 10th May 2008 and the committee decided to call for additional details. The proponent furnished the details and also circulated the details to the members of SEAC.

Based on the information the committee has considered the project proposal and recommended for grant of Environmental Clearance but deferred by SEIAA for want of details and

re-appraisal.

The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.1.9.2008.

The committee has considered the letter received from SEIAA and discussed the response given by the Proponent. The Proponent was again asked to furnish the following details:

1. Documentary evidence for collection and transport of the treated waste water to CMWSSB scheme from the local Panchayat.

7.01.06/
1.01.19 M/s.ECCI Info Park Ltd, Sholinganallur Village, Tambaram Taluk, Kancheepuram District -8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee heard the details presented by the proponent during 2nd appraisal meeting of SEAC conducted on 12th - 13th June 2008 and the committee decided to call for additional details. The proponent furnished the details and also circulated the details to the members of SEAC.

Based on the information the committee has considered the project proposal and recommended for grant of Environmental Clearance but deferred by SEIAA for want of details and re-appraisal.

The proponent furnished the details and also circulated the details to the members of SEAC vide letter dt.20.9.2008.

The committee has considered the letter received from SEIAA and discussed the response given by the Proponent. The Proponent may give an undertaking in writing that the treated sewage will be transported to the site indicated by the CMWSSB and the documentary proof for acceptance of the proposal of the Proponent to be obtained and furnished.

7.01.07 M/s.KGISL IT Park India Pvt.Ltd, S.F.No.311 & 312, Keeranatham Village, Coimbatore North Taluk & Coimbatore District- 8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The project proponent not turned up for appraisal.

7.01.08 M/s.Cethar Vessels Limited, Alundhur Village, Srirangam Taluk, Thiruchirapalli District - 8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee has considered the project proposal and decided to call for clarifications:

1. Details like area, depth, period of water stagnation, irrigation, fishing of the water bodies (lakes & ponds) available within 5 km radius from the proposed site.
2. Details of the bio diversity (flora & fauna) both in aquatic and terrestrial systems.

3. Details regarding the sewage and solid waste management.

7.01.09 M/s. Voora Property Developers (P) Ltd, Nilambur Village, Palladam Taluk, Coimbatore District - 8(a) Building & Construction Projects-Environmental Clearance-Regarding.

The committee has considered the project proposal and decided to call for additional details as below:

1. Revised scheme of the sewage treatment plant covering the reuse & recycling of liquid and solid waste. The standards for the use of the treated sewage to be furnished. The proposal to use the treated sewage for fountain, road spraying and recharge to be reconsidered.
2. The Impact of the proposed project on society and water bodies found in the vicinity of the proposed project activity (rivers, inhabitations & drains/nullahs).
3. Mode of disposal of the Non-biodegradable solid waste to be accounted.
4. The details of the storm water drainage system to be furnished so as to ensure that no flooding occurs within as well as the vicinity of the project site.
5. Details regarding the excavated soil, the quantum, the period and method of storage and use for landscaping.
6. Details of the impact of the project activity on the flora & fauna.
7. Vermi-composting site and maintenance & method of disposal of the compost.

7.01.10 M/s.L&T Arun Excello Commercial Project Pvt.Ltd, Pothery, Thailavaram Village, Chengalpattu Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance-Regarding.

The committee has considered the project proposal and recommended for grant of Environmental Clearance subject to the following clarifications:

1. For water requirement, waste management the project should be treated as consisting of two projects namely, Hotel & a Mail. The details should be worked out individually for each project and then combined wherever feasible.
2. Regarding sewage treatment, coli-forms should be one of the parameters. The use of the treated sewage for fountain to be reconsidered.
3. The data provided in the proposal including the air quality & noise data to be verified.

Day 2

7.02.11 M/s.Coimbatore Integrated Waste Management Company Pvt.Ltd, Coimbatore - 641 018 - 7(i) Municipal Solid Waste processing & disposal facility-Environmental Clearance-Regarding.

Not turned up for presentation.

7.02.12 M/s.Industrial Waste Management Association, SIPCOT Industrial Growth Center, Perundurai, Erode District - 7(d) Common Hazardous Waste Treatment, Storage & disposal facility - Environmental Clearance-Regarding.

The Committee prescribed the following Terms of Reference (TORs) for preparing draft EIA report for the above mentioned project:

- i) The total waste generation should be checked and the accurate data to be provided.
- ii) The proponent will get the public hearing conducted.
- iii) Action taken report with regard to the issues raised by the public hearing.
- iv) Details of the waste, its characterization.
- v) The criteria stipulated by CPCB should be followed in planning design, construction, operation maintenance of the land fill. If there are any changes/deviation, the same may be indicated with proper justification. If any such changes/deviation have been approved by any Competent Authority, the evidence for the same to be furnished.
- vi) Details of the site selection criteria based on the guideline of CPCB especially with regard to the ground water flow.
- vii) Details of the contingency plan in case of accidents and action proposed to be taken.
- viii) To identify the suitable trees saplings to be planted around the project site.
- ix) Layout plan of the area.
- x) Landfill gas to be monitored and controlled.
- xi) Method adopted to prevent degradable waste and details of impounding. Details of the impounding facility for different kind.
- xii) Stabilization should be done based on TCLP.
- xiii) Impact of breaching and impact.
- xiv) The proposal should include quantification in the categories of waste, waste that will be land filled, waste that will be processed and the waste that will be incinerated. Similarly in the waste processing, emissions to be furnished. Based on the emission, pollution control measures to be detailed.
- xv) The Regulatory requirement related to the facility should be detailed and the proponent explain how he meets the Regulatory Authority requirements.

After preparing the revised EIA/EMP (as per the generic

structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the Public Hearing conducted and take further necessary action for obtaining Environmental Clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

7.02.13 M/s.Nagai Power Private Limited, Okkur & Venkidankal Village, Kilvelur Taluk, Velankudi & Periakannamangalam Village, Nagapattinam Taluk & District - 1(d)-Thermal Power Plants-Environmental Clearance-Regarding.

The committee considered the project proposal and decided to grant Environmental Clearance subject to the submission of following details.

1. The characteristics of the effluent proposed to be discharged into the sea to be furnished in detail. Similarly the characteristics of the effluent proposed to be used for green belt development, coal yard dust suppression to be furnished.
2. It is proposed to discharge domestic sewage in a dispersion trench. This needs to be reconsidered and alternative sewage treatment scheme to be formulated.
3. The Bottom ash is proposed to be disposed in an ash dyke. The complete details of ash dyke including design, construction and operation to be furnished.
4. The suction of 2959 m³ /hr. of sea water will suck in enormous quantity of phytoplankton which are the primary producers and a large amount of Zooplankton which will consist the eggs and larvae of commercially exploited fishery resources like finfishes, crustaceans, molluscs. This will drastically affect the total biO-mass production on which the livelihood of the neighbouring coastal fishermen depends.
5. The impact of high thermal, high saline discharge water on the survival of phytoplankton, zooplankton and other exploited fishery resources surrounding the discharge point must be studied elaborately.
6. Since the impact can be due to intake and discharge of water the anticipated loss of fishery resources would be very high and hence quantitative study on the loss of living resources can be undertaken by a reputed organization and necessary mitigative measures should be taken to protect the biological resources and bio-diversity.
7. The possible impact of the anti-fouling agent used should be assessed and sufficient mitigative measures should be taken.
8. The Environmental Quality Data given in the report should be verified.

7.02.14 M/s.Gem Granites, Madakkal Village & Denkottai Taluk, Krishnagiri District-1(a) Mining of Minerals-Environmental Clearance-Regarding.

Deferred. The Proponent has to furnish the mining lease obtained from the State Government.

7.02.15 M/s.Vijay Cements, (Sri Vaasa Cements Pvt.Ltd), Kapilarmalai, Paramathivelur Taluk, Namakkal District - 3(b) Cement Plant (Stand alone grinding units)-Environmental Clearance-Regarding.

Representation with proper details.

7.02.16 M/s.Sree Jothi Cements Ltd, Srimulakarai Village, Srivaikundam Taluk, Tuticorin District - 3(b) Cement Plant (Stand alone grinding units)-Environmental Clearance-Regarding.

Representation with proper details.

7.02.17 M/s.Tamil Nadu Newsprint & Papers Ltd, (TNPL) TNPL, Kagidapuram-Karur District -3(b) Cement Plant (expansion)-Environmental Clearance-Regarding.

The committee decided to issue following TOR and they have to conduct Public Hearing as per the provisions of EIA Notification, 2006.

1. Present land use based on satellite imagery should be included. Study area should be 10 KM radius.
2. Details of location of wildlife sanctuary and national parks within 10 km radius of the plant and plan for conservation and protection of the same should be included.
3. Site-specific micro-meteorological data including inversion height and mixing height should be included.
4. Collection of baseline data on air, water, soil, noise, flora, fauna etc.for one season other than monsoon should be included.
5. Ambient air quality monitoring modeling for cement plant and CPP should be included.
6. A full chapter on fugitive emissions and control technologies should be provided.
7. Chemical characterization of RSPM and incorporation of RSPM data should be included. Location of one AAQM station should be in downwind direction.
8. Efforts made to minimize use of ground water alongwith an action plan should be provided. A chapter on hydrology study by the State Govt.may be included. Ground water monitoring minimum at 8 locations.

9. Action plan for surface as well as roof top rainwater harvesting and ground water recharge should be included.
10. Scheme of proper storage of fly ash, gypsum, clinker should be included.
11. Impact of transportation of raw materials and the details of mitigation measures should be included.
12. Risk assessment and damage control should be included.
13. Occupational health of the workers should be included.
14. Green belt (33%) development plan as per CPCB guidelines should be included. EMP should include a clear map for plantation/green belt.
15. Socio-economic development activities should be included.
16. Detailed Environment Management Plan (EMP) with specific reference to details of air pollution control system, water & waste water management, monitoring frequency, responsibility and time bound implementation plan for mitigation measure should be provided.
17. EMP should include the concept of waste-minimization, recycle/reuse/recover techniques, energy conservation and natural resource conservation.
18. Total capital cost and recurring cost/annum for environmental pollution control measures.

After preparing the revised EIA/EMP (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the Public Hearing conducted and take further necessary action for obtaining Environmental Clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

7.02.18 M/s.DSRM Steels (P) Ltd, Karur Road, Kulathur Post, Dindigul-624 005- 3(a) Metallurgical Industries (Ferrous & Non-ferrous)- Environmental Clearance-Regarding.

The Committee decided to issue the following TOR:

1. Present land use should be prepared based on satellite imagery.
2. Location of National parks/ Wildlife sanctuary/reserve forests within 10 km. radius should specifically be mentioned.
3. A list of industries containing name and type within 10 km radius should be incorporated.
4. Site-specific micro-meteorological data for temperature, relative humidity, hourly wind speed and direction and rainfall should be collected and included.
5. List of raw material required and source should be included.
6. Manufacturing process details should be included.
7. Total capital cost and recurring cost/annum earmarked for environment pollution control measures.

8. Ambient air quality at 8 locations within the study area of 10 km. aerial coverage from project site with one AAQMS in downwind direction should be carried out.
9. The suspended particulate matter present in the ambient air must be analyzed, chemical characterization of RSPM should be done and data incorporated.
10. Air quality modeling for Steel Plant for specific pollutants should to be done. APCS for the control of emissions from the induction furnace should also be included.
11. Impact of the transport of the raw materials and end products on the surrounding environment should be assessed and provided.
12. An action plan to control and monitor secondary fugitive emissions as per CPCB guidelines should be included.
13. One season data for gaseous emissions other than monsoon season should be provided.
14. Permission for the drawl of ground water from the SGWB/CGWA and water balance data including quantity of effluent generated, recycled and reused and discharged should be provided. Methods adopted/to be adopted for the water conservation should be provided.
15. Ground water monitoring minimum at 8 locations and near solid waste dump zone, Geological features and Geo-hydrological status Ecological status (Terrestrial and Aquatic) of the study area should be done and data provided.
16. Action plan for solid/hazardous waste generation, storage, utilization and disposal should also be included.
17. Risk assessment and damage control should be addressed and included.
18. Occupational health of the workers should be provided.
19. Green belt development plan in 33% area and a scheme for rainwater harvesting have to be put in place.
20. Socio-economic development activities need should be provided.
21. Due to the proposed expansion, the additional pollution load should be clearly detailed along with additional pollution control measures proposed.
22. Back up generator facility for meeting 60% of the energy required for the post expansion facility. The necessary environmental protection measures for the generators also should be provided as per the norms.

These TORs should be considered for the preparation of draft EIA/EMP report for the expansion of Steel Melting Plant with Induction Furnace in addition to all the relevant information as per the General Structure of EIA given in Appendix III and IIA in the EIA Notification, 2006.