

**DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT (DSTE), GOP
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)**

**MINUTES OF THE 12TH MEETING OF SEIAA HELD ON 20.08.2014 AT 3.00 P.M.
IN THE CHAMBER OF THE DIRECTOR / MS (SEIAA)**

Members Present:

- | | | | |
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| 1. | Prof. M.A. Sivasankaran,
Department of Civil Engineering
Pondicherry Engineering College
Puducherry – 14. | - | Chairman |
| 2. | Prof. Anisa Basheer Khan
Dept. of Environment and Ecology
Pondicherry University
Puducherry – 14. | - | Member |
| 3. | M. Dwarakanath
Director
Department of Science, Technology & Environment
Puducherry – 5. | - | Member Secretary |

Agenda Item No. 1: Construction of four blocks multi-storeyed residential complex (HAC Circle) at R.S. No. 31/9A, No. 12, Pondy – Cuddalore Road, Ariyankuppam Commune Panchayat by M/s. Sree Nivas Buildtech (India) Pvt. Ltd., Puducherry.

The SEAC has appraised the proposal in its various meetings convened. The 10th meeting of SEAC held on 02.12.2010 resolved to recommend the proposal to SEIAA for issue of Environmental Clearance by suggesting the following stipulations:

1. Detailed quantification of rain water harvested and extent of recharge and replenishment should be made and monitored continuously.
2. Solid Waste Management should be effected by household segregation of waste into biodegradable and non-biodegradable types and disposed following environmental norms.
3. Treated secondary sewage has to be analyzed for sewage disposal standards and appropriate water balance is to be assessed for efficient management of water resources.
4. The secondary sewage sludge has to be assessed for effective reuse meeting the environmental norms.
5. Potable water treatment has to be provided through combination of media filtration and membrane application (Reverse Osmosis or Nano filtration) so as to meet drinking water standards as per IS 10500 – 2003.



6. The secondary residue or sludge through water treatment operations has to be separately treated conforming to the norms of disposal standards as per IS specifications.
7. Environmental Management Plan should include energy conservation (adopting ECBC), sustainable resource use and recovery and efficient solid waste management.
8. The terrace should be coated with thermal and water resistant proofing material to avoid seepage and internal heat transmission.
9. The total water requirement shall not exceed 150 KLD and should be met with the approval of the competent authority only.
10. The applicant shall remit one time processing fee to be prescribed by the SEIAA in course of time.

Based on the recommendations of SEAC the authority discussed the proposal in its various meetings convened. The 12th meeting of SEIAA was convened on 20.08.2014 and the proposal was examined in detail. After detailed examination and deliberations the authority decided to issue Environmental Clearance to the proposal with the following additional terms and conditions:

1. Post project liability of the development, operation and maintenance of the following viz., Sewage Treatment Plant, Solid Waste Management, Rain Water Harvesting, Green Belt and Fire Safety measures are the sole responsibility of the promoter.
2. NOC from the Fire Department shall be obtained in two stages before construction and occupation of the building.
3. NOC from State Disaster Management Authority i.e., Department of Revenue and Disaster Management shall be obtained.
4. The green belt design along the periphery of the campus shall achieve attenuation factor conforming to the day and night noise standards prescribed for land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable indigenous varieties with specific reference to climate and soil conditions.

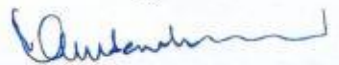
Agenda Item No. 2: Establishment of College of Engineering & Technology for Women at Thiruvandarkoil Village, Mannadipet Commune Panchayat, Puducherry by M/s. Avvaiyar Social and Educational Trust, Puducherry.

The SEAC has appraised the proposal in its various meetings convened. The 15th meeting of SEAC held on 24.07.2014 prescribed the following conditions and appraised to SEIAA for further examinations to consider issue of Prior Environmental Clearance.

1. The installation of the sewage treatment plant (STP) shall be certified by an independent expert and a report in this regard shall be sent to the State Level Environment Impact Assessment Authority before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms and standards prescribed by the Puducherry Pollution Control Committee. The treated sewage shall be used for gardening / irrigation within the premises.



2. For disinfection of waste-water, system using ultra violet radiation shall be adopted.
3. Specific plan for disposal of treated sewage during monsoon shall be adopted.
4. Rain water harvesting for roof and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease.
5. The water requirement shall be met with the approval of the competent authority. The ground water wells shall be properly monitored to ensure the degree of contamination if any during utilization of water.
6. The solid waste generated shall be properly collected, segregated and composted within the premises with respect to organic waste.
7. The STP sludge shall be composted along with other biodegradable solid waste and used as manure.
8. The Plastic wastes shall be segregated and disposed through recyclers.
9. The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF/CPCB/PPCC guidelines/norms both during day and night time.
10. The green belt design along the periphery of the campus shall achieve attenuation factor conforming to the day and night noise standards prescribed for land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable indigenous varieties with specific reference to climate and soil conditions.
11. Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.
12. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the campus shall be provided.
13. A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the State Level Environment Impact Assessment Authority in three month's time.
14. The proponent should make separate allocation of funds for the installation and maintenance of proper Pollution Control Measures and the Environmental Measures and earmark separate staff for operation and maintenance of the control system.
15. It is mandatory for the Project proponent to furnish to the State Level Environment Impact Assessment Authority, Half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.



16. The State Level Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the Environmental Clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
17. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the competent authorities.
18. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that
- i) The project has been accorded Environmental Clearance.
 - ii) Copies of clearance letters are available with the Puducherry Pollution Control Committee.
 - iii) Environmental Clearance may also be seen on the website of the State Level Environment Impact Assessment Authority.
- The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the State Level Environment Impact Assessment Authority.
19. All the stipulations stated under Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 would be enforced.
20. This Environmental Clearance is valid for five years from the date of issue.
21. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, Bengaluru, the Zonal Office of CPCB, Bengaluru and the PPCC. This shall also be put on the website of the Trust by the proponent.
22. The Environmental Statement for each financial year ending 31st March in Form-V as is mandated has to be submitted by the project proponent to the Puducherry Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and shall also be put on the website of the Trust along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF, Bengaluru by e-mail.
23. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Bengaluru, the respective Zonal Office of CPCB, Bengaluru and the PPCC. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the Institution in the public domain.



24. A copy of the clearance letter shall be sent by the proponent to the Commissioner, Mannadipet Commune Panchayat. The clearance letter shall also be put on the website of the Institution by the proponent.

25. Provision shall be made for a new pond for collecting rain water.

26. Organic gardening to be established using treated wastewater and composted solid waste.

27. Utilization of reverse osmosis reject is to be practiced for flushing in sanitary system.

28. Use of plastics are to be avoided and biodegradable materials may be used within the campus.

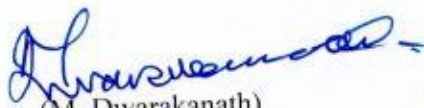
29. Details on reuse of treated sewage and sludge are to be furnished in the half-yearly reports of each calendar year.


30. Plant species as suggested by the Committee shall be planted in the campus.

Based on the recommendations of SEAC the authority discussed the proposal in its 12th meeting of SEIAA convened on 20.08.2014. The proposal was examined in detail. After detailed examination and deliberations the authority decided to issue Environmental Clearance to the proposal.

The Authority authorized the Member Secretary, SEIAA to issue the Environmental Clearance.


20.8.2014
(Prof. Anisa Basheer Khan)
Member


(M. Dwarakanath)
Member Secretary


(Prof. M.A. Sivasankaran) 20/08/14
Chairman