

# MINUTES

## FIRST MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC) TAMIL-NADU, CHENNAI-32 MAY 8-10, 2008.

### **1.01-00 GENERAL INTRODUCTION BY THE CHAIRMAN AND SECRETARY OF THE COMMITTEE**

The Secretary of SEAC welcomed the members to the first meeting and exhorted their co-operation in successful conduct of the meetings. He informed that State Level Environmental Impact Assessment Authority and State Level Expert Appraisal Committee were constituted by the Government of India in consultation with Government of Tamilnadu for the Environmental Clearance to the Projects as scheduled as per EIA Notification (vide MoEF., GOI., Notification, S.O.417(E) / dt.3.3.2008 and G.O. Ms.No. 27, Environment & Forests (EC-I) Department / dt. 31.3.2008). Further he impressed the need to process 73 projects submitted to, MoEF., New Delhi.

The Chairman welcoming the Members of SEAC stated the role of the committee. Responsibility includes scientific and technological review of the projects under Category B and appraise to the competent agency (ECC, PCB and the proponents of the project) the significant environmental impact on stack holders. The Committee is a knowledge bank to critically analyse the environmental issue related to the project or activity. Efforts will be made to circulate the application in Form I & IA to all the members sufficiently ahead of the time so as to enable them to read the report and offer their views on the project in a scientific and unbiased manner.

### **1-01-01 THE PROPOSED ACTIVITY IS THE REPLACEMENT OF THE EXISTING TWO NOS OF 7 TONS PER HOUR (TPH) BOILERS WITH ONE NO OF 16 TPH CAPACITY HIGH EFFICIENCY FLUIDISED BED COMBUSTION BOILER & INSTALLATION OF HIGH EFFICIENCY MULTI STAGE BACK PRESSURE TURBINE. AT SIPCOT INDUSTRIAL COMPLEX, KUDIKADU, DISTRICT CUDALORE, BY M/S. ASIAN PAINTS, PENTA DIVISION.**

The Proposal is for setting up a Boiler with capacity of 16 TPH to raise steam for generating 0.995 MW power M/s. Asian Paints, Penta Division located at SIPCOT Industrial Complex, Kudikadu, Cuddalore District has two boilers to generate 14 Ton of steam. They are obsolete and fuel feeding mode is conventional. Fluidized Bed Combustion Boiler of 16 T/hr will be provided in place of 2x7 T/hr of steam with moving grate fired type boiler. It is planned that imported coal will be used in the boiler. The proponent of the project requested the committee for exempting it from submission of EIA report since it does not invite them.

The committee heard the details presented by the proponent and the committee enquired various environmental aspects and the same was clarified.

**The committee considered the proponent's request for exempting from conducting EIA and the proposal may be considered for recommendation for Environmental Clearance subject to the following conditions,**

1. The unit shall provide on line continuous stack monitoring for SO<sub>x</sub>, NO<sub>x</sub>, CO, SPM for the proposed 16 TPH boiler.

2. The unit shall provide adequate control measures for the CO emission during start up and shut down operations of the boiler.

**1.01.02 CONSTRUCTION OF RESIDENTIAL COMPLEX – VICTORIA TOWERS, HOUSING PROJECT AT S.NO.59/1A2, 63/1A, 64/4C1A2, 4C1A3, 4C1B, 4C1C, 4C1D, 4C1E, 4C1A1A, & 65/1&2B OF KAZHIPATTUR VILLAGE, OLD MAHABALIPURAM ROAD, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S. SURYAVARDHAN ESTATES PVT., LTD., CHENNAI.**

The proposal is for construction of a residential complex on a plot with an area of 17442 SQ m. and the total built up area as reported is 31,293 SQ m. It is proposed to construct one Sewage Treatment Plant with a capacity of 125 KLD. Total parking area is for 234 cars. The total cost of the project is about Rs.63.06 Crores. Water requirement of the project is 113 KLD and intake of fresh water is 69 KLD. Solid Waste generation has been projected to 490 Kgs/Day. The power required is of 1600 KW and backup DG sets are proposed for all the three blocks. The number of apartments is 188.

The committee decided to call for additional information as indicated below:

1. Furnish Quantity and physical chemical and biological Characteristics of water for consumption.
2. Furnish Characteristics of raw sewage, treated sewage.
3. Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
4. Furnish plan of action for disposal of treated sewage during monsoon.
5. Disinfection of treated sewage with UV/ozone treatment instead of chlorination can be planned.
6. STP sludge should be further treated for safe use on land has manure.
7. Furnish details of total volume of CO<sub>2</sub>, CO and NO<sub>x</sub> production from D.G set.
8. The Co efficient run off is to be determined for the area under landscaping.
9. Adopt Rain fall Data for preceding 10 years for run of collection and use.
10. Details on collection, Segregation, Treatment & disposal of solid waste and the extent of land for disposal.
11. Identify the Operating Agency of STP and solid waste management to be furnished and furnish the nature of commitment.
12. Measures to be taken to preserve the prevailing Ecology at the proposed site.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.03. CONSTRUCTION OF EDUCATION FACILITY (MEDICAL TRANSCRIPTION AND SOFTWARE PARK AT S.F.NO.353/1,2, 354/1, 356/3A, 357/1D PART, 358/2A, 358/2C,2D, 359/1A & 1B PART, 360/1C &1D, 361/3A, 362/1B PART, 362/1C, 2A, 2B. 363/2,3, 365/1A, 365/2, 366/1A, 1A2, 366/1B & 372 PART SARAVANAMPATTI VILLAGE, COIMBATORE DISTRICT, TAMILNADU BY M/S.KGISL TRUST**

The project proposal is for expansion of KGiSL Trust campus at KG Campus, Thudiyalur Road, Saravanampatti Village, Coimbatore North Taluk, Coimbatore District, by KGiSL Trust, construction of Educational facility Medical transcription and software park) on a plot an area of 1, 44,361.16 SQ m and the existing built up area of 62882.92 SQ m and the additional expansion of 9291.214 SQ m. The total builtup area after expansion is 72174.13 SQ m. The water requirement of the project is 523 KLD and intake of fresh water is for 290 KLD. The capacity of STP proposed is 300 KLD. Treated Waste water proposed to be utilized for irrigation of trees and plantations and gardening of lawns to be 217 KLD. Solid waste generation has been projected to 1216 Kg/day. The power requirement is 2060 KVA. The total parking spaces proposed for 400 cars, 2000 two wheelers and 10 buses. Total cost of the project is Rs.920 Lakhs.

The committee decided to call for additional information as indicated below:

1. Furnish an undertaking stating that no science Department will be created in future.
2. Sludge from the collection tank to be removed mechanically.
3. Furnish the details on Storm water collection & disposal.
4. Discharge of treated sewage through deep well injection did not appear to be satisfactory. An alternate mode may be proposed.
5. Make provision for solar lighting along the road sides.
6. Air quality data furnished in the report found to be not satisfactory. Base line primary air quality data to be taken for a months time and to be reported.
7. The TDS level in the bore well water is found to be on the higher side, it has to be mixed with treated sewage and then utilised for gardening.
8. Adopt safety precautionary measures during construction phase.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.04 CONSTRUCTION OF IT PARK AT S.NO. 66, 42, 65, 49/1, 50/3 & 51/3 OF MANAPAKKAM VILLAGE BY M/S. LARSEN & TOUBRO LTD., ECC DIVISION, MOUNT POONAMALLEE ROAD, CHENNAI-89.**

The project is for the construction of IT Park on plot with an area of 67866.47 SQ m. The total built up area as reported is 1,18,824.01 SQ m. The water requirement during operation phase is 188 KLD and intake of fresh water is 66 KLD. The STP proposed for 200 KLD. Solid Waste generation has been projected to 1.22 MT/day. E-waste generation has been reported to 0.50 MT/month. The power required is 16.7 MW and backup DG set proposed are 4x2500 KVA. 1X1000 KVA, 1x1500 KVA. The total cost of the project is Rs. 257.8 Crores.

The committee decided to call for additional information as indicated below:

1. Furnish the supporting document for drawl of water from the competent authority (CMWSSB/PWD)
2. Furnish the Wind Rose diagram and other primary meteorological data specific to the site location for 2 to 3 months.
3. E-waste quantity is found to be low and it should be revised and reported.

4. Furnish the composition of Biogas to be generator from the Biomethanation plant.
5. Sludge from Biomethanation plant to be further treated for safe use on land as manure
6. A separate cell in the organisation structure to be formed to look after the EMP.
7. Study the existing flora & fauna of the area and the impact of project on them.
8. Adopt rainfall data for preceding 10 years for run off collection and use.
9. Flare system for Biomethanation plant to be incorporated.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.05 CONSTRUCTION OF SHOPPING MALL AT TS NO.3 & BLOC NO.7, VELACHERY MAIN ROAD, GUINDY, CHENNAI-32 BY M/S. DLF RETAIL DEVELOPERS LTD.,**

The project is for the construction of shopping mall on a plot with an area of 22,474.58 SQ m. The total built up area as reported is 87,358.33 SQ m. with 3 basement + ground and 4 floors. The water requirement of the project is 473 KLD and intake of fresh water is 133 KLD. The power required is 6 MW and backup DG set proposed are 4 x 1500 KVA. Car parking is proposed have 644 cars. The total cost of the project is Rs.274 crores.

The committee decided to call for additional information as indicated below:

1. Furnish the supporting document for drawl of water from the competent authority (CMWSSB).
2. Furnish the characteristics of Raw sewage, treated sewage.
3. Furnish the flow chart and design capacity of each unit operation of STP.
4. Furnish the unit operation details proposed for removal of floating solids, oil & Grease.
5. Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
6. Furnish the details of sludge removal mechanism.
7. Submit details of the disposal of surplus earth along with its environmental impact.
8. Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
9. Furnish the design criteria and operation manual for the vessel composting.
10. Furnish the mitigative measures proposed for odour /fly nuisance during the treatment and disposal of solid waste.
11. Furnish the Traffic analysis & Traffic circulation plan.
12. Furnish the comprehensive design of RWH system.
13. Furnish the details of soil characteristic/profile at the site especially on texture, permeability, etc.,

- 14.Noise level in the Baseline data itself exceeding the regulatory standards and explain how to mitigate the incremental increase of noise during the operation phase.
- 15.Furnish the details on flood relief/management.
- 16.Furnish the details of Green belt area proposed.

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.06 CONSTRUCTION OF WHOLESALE FOOD GRAIN MARKET AT KOYAMBADU, S.NO.171 PART, 172, 173 PART, 178 PART, 200 PART OF KOYAMBEDU VILLAGE AND S.NO.35 PART, 36, 37, 38, 39 OF NERKUNDRAM VILLAGE BY CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY.**

The project is for the construction of whole sale food grain market consisting of 494 shops on a plot with an area of 64422,21 SQ m. (15.92 acres). The total built up area as reported is 23,947.0 SQm. The water requirement the project is 50 KLD and sewage generated will be 36 KLD to be disposed to CMWSSB sewer line. The estimated project cost is Rs 61.85 crores.

The committee decided to call for additional information as indicated below:

1. Furnish details of traffic survey and impact analysis of traffic survey .
2. Furnish the details on Air pollution aspect such as source of emission , control measures etc. .
3. Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
4. Furnish the details on amenities such as water supply, sanitation, food requirement provided for workers, shop keepers visitors to complex .
5. Furnish the details on design capacity, present in flow to the Koyambedu STP maintained by the CMWSSB .
6. Furnish the design details for Storm water drain and conveyance system .
7. Study the existing flora and fauna of the area and the impact of project on them.
8. Furnish the Air Pollution Control measures to mitigate the fugitive emission.
9. Separate comprehensive EMP has to be prepared for managing the air, water and land pollution.

**In view of the foregoing observation, the proposal will be recommended for environmental clearance only after the proposal is appropriately modified and re-submitted for consideration.**

**1.01.07 CONSTRUCTION OF RESIDENTIAL COMPLEX – HOUSING PROJECT AT S.NO.155/10A, B, C, D, E, F, G, H, I AND 11 TO 16, 18C, 19, 23 & 93/1C OF GUDALUR VILLAGE, MARAIMALAI NAGAR, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S. HALLMARK INFRASTRUCTURE PVT., LTD.,**

The proposal involves construction of a residential complex on a built up area as reported is 138,888 SQ m the water requirement of the project is 623 KLD and intake of fresh water is 415 KLD. It is proposed to construct Sewage Treatment Plant

with a capacity of 4 x 175 KLD. Total parking for cars 1012 (at Stilt 912 and surface 100). Water requirement 50 KLD ground water. However, vide annexure stated 415 KLD from borewells and 334 KLD for recycling, Solid Waste generation has been projected to 2.77 T/day. The power required is 2000 KW and backup DG set proposed are 2 x 250 KVA. The total number of apartment is 912. The total cost of the project is about Rs.165 Crores.

The committee decided to call for additional information as indicated below:

1. Furnish firm commitment for assured water supply to incumbents of proposed residential complex.
2. Furnish the supporting document for supply/drawl of water from the competent authority (Maraimalai Nagar Municipality/PWD).
3. Furnish the Characteristics of raw sewage and treated sewage.
4. Installation of packaged type STP proposed was not convincing. An alternate treatment scheme may be explored for the treatment of sewage.
5. Details of STP furnished in the project document and presented are different. This aspect may be clarified.
6. Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
7. Furnish the proposal for recharging of aquifer to avoid ground water depletion.
8. Furnish the accountability of close monitoring of EMP.
9. Furnish the species of Trees to be planted in the green belt proposed.
10. Furnish the proposal for Environmental awareness programme for the community in the proposed residential complex.
11. Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
12. Furnish the cost involvement in EMP.

**In view of the foregoing observations, the proposal will be recommended for Environmental Clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.08 CONSTRUCTION OF RESIDENTIAL COMPLEX – HOUSING PROJECT AT S.NO.447/1A, 448/1A, 448/1B, 448/2, 448/6, 438/1A, 438/1B, 438/1C, 441/1A1, 441/1A2, 441/3A, 441/3C, 439, 441/4, 434 PARK, 437/2B3 PART, 444/1, 442/1, PADUR VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S. PS SRIJAN DEVELOPERS.**

The proposal is for the construction of a residential complex with total built up area as reported is 65583.36 SQ m. Water requirement of the project is 356 KLD and intake of fresh water is 237 KLD and the sewage generated will be 309 KLD, from which 119 KLD is recycled for toilet flushing. STP capacity is of 310 KLD. Car parking is proposed for 845 cars. Solid Waste generation has been projected to 1.2 T/day. Backup power supply with 2 x 500 KVA DG sets. The total cost of the project is about Rs.70.59 crores.

The committee decided to call for additional information as indicated below:

1. Furnish the supporting document for assured supply of water from the competent authority (CMWSSB).
2. Details of STP furnished in the project document and presented are different. This aspect may be clarified.
3. Furnish the details of various unit operation of STP.
4. Furnish the Characteristic of Raw sewage, treated sewage.
5. Disinfection of treated sewage to be carried out with UV/ozone treatment instead of chlorination can be planned.
6. Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
7. Study the existing flora and fauna of the area and the impact of project on them.
8. Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
9. Furnish the Incremental increase in noise level due to the additional movement of vehicle in the project area.

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.09 CONSTRUCTION OF A PROPOSED RESIDENTIAL & MALL AT S.NO.688/3, 609/1A, 609/1B, 609/1C, 609/1D, 610/1, 610/2 PART, 611/1, WARD NO/10, BLOCK NO.9, KRISHNARAYAPURAM VILLAGE, COIMBATORE TALUK AND DISTRICT BY M/S. PS SRIJAN DEVELOPERS.**

The project proponent has not turned out for presentation nor circulated the project documents to members of the committee. However they made a representation by a letter stating that they will submit the report in due course.

**1.01.10 CONSTRUCTION OF RESIDENTIAL COMPLEX – HOUSING PROJECT AT S.NO.146/10 & 147/3A, 147/3B, 147/3C, 4B, 4C, 6, 7, 8, 9 PUDUPAKKAM VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S. SRIRAM PROPERTIES LIMITED.**

The committee decided to call for additional information as indicated below:

1. Furnish the supporting documents for drawl of ground water from the competent authority (PWD, CGWA)
2. Furnish the report on latest well water sample collected in the survey area.
3. Furnish the Characteristics of raw sewage and treated sewage.
4. Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
5. It is ascertained from the base line data that the CO level in ambient air is found to be high which is to be re-assured and reported.
6. Furnish the acceptance letter from local body for disposal of solid waste, otherwise furnish the proposal for implementation of in house composting.
7. Study the existing flora and fauna of the area and the impact of project on them.

8. Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
9. Furnish the accountability of close monitoring of EMP.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**Day - 2**

**1.01.11 CONSTRUCTION OF PROPOSED RESIDENTIAL COMPLEX- HOUSING PROJECT AT PERAMBUR VILLAGE, CHENNAI DISTRICT BY M/S.ARIHANT UNITECH REALTY PROJECT LTD.**

The proposal involves construction of a residential complex on a plot area of 49.51 acres. It is proposed to construct one Sewage Treatment Plant with adequate capacity. Water requirement is 1500 KLD along with fresh water intake of 200 KLD. Sewage generated will be 1200 KLD. Solid Waste generated will be 6 tonnes/day.

The project proponent has not turned out for presentation nor circulated the project documents to the committee. However, they made a representation by a letter stating that they will submit the report in due course.

**1.01.12 CONSTRUCTION OF RESIDENTIAL COMPLEX-HOUSING PROJECT AT S.NO.56, 57/1,2A, 61, 65, 66/2A, 67, 68/1,2,3,4A,4B, 69, 70/1, 71/1,2, 84/1,2,3, 85/1,2,3, 87/1,2, 88/1,2, THIRUNEERMALAI VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S.JAIN HOUSING AND CONSTRUCTIONS, CHENNAI.**

The proposal involves construction of a residential complex on a plot area proposed is 68613 SQ m. and total built up area 104291 SQ m. No. of floors Stilt+4. Water requirement 648 KLD with fresh water make-up 480 KLD from metro/private tankers and the sewage generated will be 583 KLD of which treated STP water is 216 KLD which will be recycled for toilet flushing. Car parking is proposed have 960 cars. Solid Waste generated will be 2880 kg/day. Backup power supply 2 x 250 KVA DG sets.

During discussion the following points were raised

1. Base line data on Water, Land, and Air and eco system are to be furnished.
2. Rainfall data were inadequate and this has to be collected from the preceding five years.
3. Disposal of treated sewage on the neighbour land did not appeared to be satisfactory. An alternate mode may be proposed.
4. The impact on the local eco-system has to be studied and incorporated.
5. Separate comprehensive EMP has to be prepared for managing in the air, water and land pollution.

6. Details of Operation and Maintenance of STP and Bio-gas plant are to be furnished.
7. Topography to be furnished.
8. Revised calculation on ECS (parking) to be made and to be reported.

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.13. CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.106/3PT, 4PT, 169/1PT, 2A,2B,2CPT, 170/1,2A,2B, 170/20PT,21PT, 28PT,29, 42PT, 43PT, 44PT, 48PT, 49PT, 50PT, 51 AND 175/52PT, PAMMAL VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S. JAIN HOUSING AND CONSTRUCTIONS, CHENNAI.**

The proposal involves construction of a residential complex on plot with an area of 28084.97 SQ m. and total built up area has reported is 42901.90 SQ m. No. of floors Stilt+4. Water requirement is 278 KLD and fresh water intake of 186 KLD from local panchayat/borewell/private water tanker and the sewage generated will be 250 KLD of which treated STP water 92 KLD will be recycled for toilet flushing. Car parking proposed for 408 cars. Solid Waste generation has to be projected is 1230 kg/day. Power required is 0.8 MW and backup power supply 1 x 250 KVA DG sets.

During discussion the following points were raised

- Base line data on Water, Land, and Air and eco system are to be furnished.
- Rainfall data were inadequate and this has to be collected from the preceding five years.
- Disposal of treated sewage on the neighbour land did not appeared to be satisfactory. An alternate mode may be proposed.
- The impact on the local eco-system has to be studied and incorporated.
- Separate comprehensive EMP has to be prepared for managing in the air, water and land pollution.
- Details of Operation and Maintenance of STP and Bio-gas plant are to be furnished.
- Topography of the site to be furnished.
- Revised calculation on ECS (parking) to be made and to be reported

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.14 CONSTRUCTION OF RESIDENTIAL COMPLEX – HOUSING PROJECT AT S.NO.23/1,2B, 24/1, 2A,2B, 25,34/1, 36/4, 37/1, 38/1,2,3 39/1,2, 4A,4B, 40/1A2, 44/1,2,3,4,5, 45/1 ETC., PADUR VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.JAIN HOUSING AND CONSTRUCTIONS, CHENNAI.**

The proposal involves construction of a residential complex on a plot with an area of 113452.03 SQ m. and total built up area as reported is 146371.24. Water requirement is 702 KLD and fresh water intake is 480 KLD from local panchayat/ bore well and the sewage generated will be 231 KLD of which treated STP water is 182 KLD which will be recycled for toilet flushing. Car parking proposed for 1040 cars. Solid Waste generation has to be projected as 3120 kg/day. Backup power supply 2 x 250 KVA DG sets.

During discussion the following points were raised

- Base line data on Water, Land, and Air and eco system has to be furnished.
- Rainfall data were inadequate and this has to be collected from the preceding five years.
- Disposal of treated sewage on the neighbour land does not appear to be satisfactory. An alternate mode may be proposed.
- The impact on the local eco-system has to be studied and incorporated.
- Separate comprehensive EMP has to be prepared for managing in the air, water and land pollution.
- Details of Operation and Maintenance of STP and Bio-gas plant are to be furnished.
- Topography of the site to be furnished.
- Revised calculation on ECS (parking) to be made and to be reported

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.15 CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.384/6B,10,11,12,13,18, 396/4B,5C,5D, 397/1 ETC. OKKIAM THORAIPAKKAMVILLAGE,TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S. JAIN HOUSING AND CONSTRUCTIONS, CHENNAI.**

The proposal involves construction of a residential complex on a plot with an area of 34,363 SQ.mts. and total built up area has reported is 51020.61 SQ m. Water requirement is 278 KLD and fresh water intake is 185 KLD from municipal supply/borewell and the sewage generated will be 250 KLD of which treated STP water 93 KLD will be recycled for toilet flushing. Car parking proposed for 373 cars.

Solid Waste generation has projected as 1236 kg/day. Power supply required is 0.8 MW and backup power supply of 1 x 250 KVA DG sets.

During discussion the following points were raised

- Base line data on Water, Land, and Air and eco system has to be furnished.
- Rainfall data are found to be inadequate and this has to be collected for at least preceding five years.
- Disposal of treated sewage on the neighbour land does not appeared to be satisfactory. An alternate mode may be proposed.
- The impact on the local eco-system has to be studied and incorporated.
- Separate comprehensive EMP has to be prepared for managing in the air, water and land pollution.
- Details of Operation and Maintenance of STP and Bio-gas plant are to be furnished.
- Topography of the site to be furnished.
- Revised calculation on ECS (parking) to be made and to be reported

**In view of the foregoing observations, the proposal will be recommended for Environmental clearance only after the proposal is appropriately modified and resubmitted for consideration.**

**1.01.16 CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.71/2, 94/1, 95/1, PIRATTIYUR EAST VILLAGE, TRICHY DISTRICT BY M/S.SOUTH INDIA SHELTERS, CHENNAI.**

The proposal involves construction of a residential complex on a plot with an area of 26830.77 SQ m. and total built up area as reported is 71198.64 SQ m. Water requirement is 325 KLD and fresh water intake is 205 KLD from municipal supply and the sewage generated will be 292 KLD of which treated STP water of 120 KLD will be recycled for toilet flushing. Car parking proposed for 790 cars. Power required is 2 MW and backup power supply of 4 x 200 KVA DG sets. Total Cost of the project is Rs.100 crores.

The committee decided to call for additional information as indicated below:

- Furnish details of the disposal of surplus earth along with its environmental impact.
- Furnish details on quantity of surface and roof run off, segregation and pre-treatment.
- Relocate the STP for away from the residential block and furnish the site plan indicating the revised location.

- Disinfection of treated sewage with UV/Ozone treatment instead of chlorination can be planned.
- Furnish the characteristics of raw sewage, treated sewage.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Explore the possibility to use the surplus treated waste water.
- Furnish the monitoring plan of treated waste water.
- Furnish the design details and operation manual for vessel composting.
- Environmental Monitoring plan to be revised and reported.
- Study the existing flora and fauna of the area and the impact of project on them.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.17 CONSTRUCTION OF INFORMATION TECHNOLOGY PARK GISL IT PARK AT SY.NO. 311, 312 KEERANATHAM VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE DISTRICT, TAMIL NADU BY M/S. KGISL IT PARK INDIA PVT. LTD**

The proposed project is a IT Park at Keeranatham Village, Coimbatore North Taluk, Coimbatore District, by KGISL IT Park India Pvt. Ltd. on a plot area of 47348 Sq.m. with total built up area is 166389 Sq.m. No. of floors Basement+Ground+7 floors. The total water requirement is 590 KLD (fresh water requirement is 196 KLD). The capacity of STP proposed is 561 KLD. Treated waste water to be used for gardening/landscaping 8 KLD, HVAC 160 KLD and toilet flushing 393 KLD. Total solid waste generation will be 3936 Kg/day. Biodegradable waste – 1640 kg/day. Non-biodegradable 2296 kg/day. Power supply requirement 8598 KW. Back up power with 10 x 1500 KVA. The total parking space proposed are 1446 cars + 1249 two wheelers.

**The project proponent has not turned out for presentation. However circulated the project documents to the members of the committee.**

**1.01.18 CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.178/1A, 178/2, 179/1, 179/2, THALLAMBUR VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.DLF SOUTHERN HOME DEVELOPERS, CHENNAI.**

The proposal involves construction of a residential complex on a plot with an area of 7.478 hectares. and total built up area as reported is 190945.63 SQ m. Water requirement is 1220 KLD and fresh water intake is 815 KLD from metrowater supply and the sewage generated will be 976 KLD of which treated STP water will be used for toilet flushing (405 KLD), A/c. chilling plant (234 KLD), fountains (98 KLD)

and development of greenery (163 KLD). Car parking proposed for 1684 cars. Power supply required is 6300 KVA and backup power supply of 3 x 1010 KVA, 2 x 750 KVA and 2 x 500 KVA DG sets. Proposed project cost is 174 crores.

The committee decided to call for additional information as indicated below:

- Furnish details on the disposal of surplus earth along with its environmental impact.
- Furnish details on quantity of surface and roof run off, segregation and pre-treatment.
- Relocate the STP far away from the residential block and furnish the site plan indicating the revised location.
- Disinfection of treated sewage with UV/Ozone treatment instead of chlorination can be planned.
- Furnish the characteristics of raw sewage, treated sewage.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Explore the possibility to use the surplus treated waste water.
- Furnish the monitoring plan of treated waste water.
- Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
- Environmental Monitoring plan to be revised and reported.
- Study the existing flora and fauna of the area and the impact of project on them.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.19 CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.1/1B1, 1/1B2, 1/2, 2/1, 2/3 ETC. MEDAVAKKAM VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S.PURAVANKARA PROJECTS LTD., CHENNAI.**

The proposal involves construction of a residential apartment with total built up area as reported is 311111 SQ m. Water requirement is 1319 KLD and fresh water intake is 879 KLD from bore-well and the sewage generated will be 1143 KLD of which treated STP water 440 KLD will be recycled for toilet flushing, 192 KLD for landscape and remaining 231 KLD into drainage scheme of Madavakkam Panchayat. Car parking proposed for 3260 cars. Solid Waste generation has to be projected as 4.88 T/day. Power supply required is 6.5 MW and backup power supply of 7 x 500 KVA DG sets. Total project cost is Rs.320 crores.

The committee decided to call for additional information as indicated below:

- Furnish details on the disposal of surplus earth along with its environmental impact.
- Furnish details on quantity of surface and roof run off, segregation and pre-treatment.
- Relocate the STP for away from the residential block and furnish the site plan indicating the revised location.
- Disinfection of treated sewage with UV/Ozone treatment instead of chlorination can be planned.
- Furnish the characteristics of raw sewage, treated sewage.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Explore the possibility to use the surplus treated waste water.
- Furnish the monitoring plan of treated waste water.
- Furnish details on collection, segregation, treatment and disposal of solid waste and extend of land for disposal.
- Environmental Monitoring plan to be revised and reported.
- Study the existing flora and fauna of the area and the impact of project on them.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.20 CONSTRUCTION OF RESIDENTIAL COMPLEX – HOUSING PROJECT AT PUDUPAKKAM VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.PURAVANKARA PROJECTS LTD., CHENNAI.**

The proposal involves construction of a residential apartment with total built up area as reported is 144596 SQ m. Water requirement is 819 KLD and fresh water intake is 546 KLD. The sewage generated will be 07 KLD of which treated STP water is 273 KLD which will be recycled for toilet flushing, 239 KLD for landscape and remaining 181 KLD into drain. Car parking proposed for 1484 cars. Solid Waste generation has projected as 3.6 T/day. Power supply required is 3 MW and backup power supply of 7 x 500 KVA DG sets. Total project cost is Rs.190 crores.

The committee decided to call for additional information as indicated below:

- Furnish details on the disposal of surplus earth along with its environmental impact.

- Furnish details on quantity of surface and roof run off, segregation and pre-treatment.
- Relocate the STP far away from the residential block and furnish the site plan indicating the revised location.
- Disinfection of treated sewage with UV/Ozone treatment instead of chlorination can be planned.
- Furnish the characteristics of raw sewage, treated sewage.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Explore the possibility to use the surplus treated waste water.
- Furnish the monitoring plan of treated waste water.
- Furnish details on collection, segregation, treatment and disposal of solid waste and extent of land for disposal.
- Environmental Monitoring plan to be revised and reported.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Study the existing flora and fauna of the area and the impact of project on them.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

Day – 3

**1.01.21 CONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT S.NO.53/3,53/4,55,56/1,57/2,&57/4, PUDUPAKKAM VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DIST. M/S.PURAVANKARA PROJECTS LIMITED,**

The proposal involves construction of a residential complex on a total built up area as reported is 1,44,596 SQ m. Water requirement is 819 KLD and fresh water intake is 546 KLD and the sewage generated will be 707 KLD of which treated STP water 273 KLD will be recycled for toilet flushing. Car parking proposed for 1484 cars. Power requirement 6.5 MW with backup power supply 7 x 500 KVA DG sets. Total Cost of the project is Rs.190 crores.

**The project proponent has not turned out for presentation nor circulated the project documents to the committee. However, they made a representation by a letter stating that they will submit report in due course.**

**1.01.22 CONSTRUCTION OF TEXTILE PARK (SEZ) WITH COGENERATION POWER PLANT OF 1X18 MW PROJECT AT VADAMUGAM, KANGAYAMPALYAM VILLAGE, PERUNDURAI TALUK ERODE DIST. M/S.ETL**

## **INFRASTRUCTURE SERVICES LIMITED.**

The proposal involves construction of Textile Park with cogeneration power plant of 1x18 MW in an area of 103.77 Hectares. Water requirement 7.12 MLD and fresh water requirement is 4.4 MLD the sewage generated will be 150 KLD and trade effluent of 3.8 MLD of which treated effluent of 2.72 Mld will be recycled. Total Cost of the project is Rs.36.4 crores.

**TOR has already been issued by MoEF and the proponent has reported that the EIA document is under preparation and it will be submitted to the committee in due course.**

### **1.01.23 CONSTRUCTION OF I.T. PARK AT AMBATTUR INDUSTRIAL ESTATE, CHENNAI- 18 AMBATTUR TALUK THIRUVALLUR DISTRICT BY M/S.KARUNA CONQUEST**

The proposal involves construction of I.T. Park on a total built up area of 25,862 SQ.m. No. of floors Ground + 12 floors. Water requirement 101 KLD with fresh water make-up 56 KLD and the sewage generated will be 77 KLD of which treated STP water 45 KLD will be recycled for toilet flushing. Car parking proposed 195. Power requirement 2656 KVA with backup power supply 3 x 1000 KVA DG sets. Total Cost of the project is Rs.80 crores.

***The project proponent has not turned out for presentation not circulated the project documents to the committee.***

### **1.01.24 ONSTRUCTION OF HOTEL COMPLEX AT T.S.NO.2, BLOCK-7, VENKADAPURAM VILLAGE, MAMBALAM GUINDY, TALUK, CHENNAI DISTRICT. BY M/S.AMBATTUR DEVELOPERS PVT. LTD.,**

The proposal involves construction of a Hotel Complex with total built up area as reported is 36906 SQ m. Water requirement is 267 KLD and fresh water intake is 221 KLD and the sewage generated will be 228 KLD of which treated STP water 141 KLD will be recycled for toilet flushing and cooling tower makeup. Car parking proposed for 252 cars. Power required is 2095 KVA and backup power supply of 2 x 1500 KVA DG sets. Total Cost of the project is Rs.200 crores.

The committee decided to call for additional information as indicated below:

- The proponent has to collect data on waste water and its treatment from a star hotel located in the vicinity and furnish the characteristics of the waste water and performance of STP.
- The co efficient run off is to be determined collected from a reliable source for the area and the landscaping.
- Installation of recharge pit up to weathered rock may explore.
- Installation of more solar lights to be explored in view of reduction of electricity consumption

- Furnish the Mitigative measures proposed during demolition period to curb the noise, vibration, dust.
- Comprehensive Solid Waste Management System to be evolved and reported.
- Furnish details on the disposal of surplus earth along with its environmental impact.
- Study the existing flora and fauna of the area and the impact of project on them.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Mitigation of noise, air emission due to the operation of air conditioning machines, electrical appliances to be explored.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.01.25 CONSTRUCTION OF I.T. PARK AND RESIDENTIAL COMPLEX AT ALATHUR VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.PARSVNATH DEVELOPERS LTD.,**

The proposal involves construction of I.T. Park and Residential Complex with total built up area as reported is 3,18,253.9 SQ m. No. of floors Stilt + 17 floors. Water requirement is 2700 KLD and fresh water intake is 1600 KLD and the sewage generated will be 1176 KLD of which treated STP water is 1100 KLD which will be recycled for toilet flushing and cooling. Car parking proposed for 1941 cars. Power required is 31500 KVA and the backup power supply 11 x 2000 KVA + 5x1500 + 2x1010 KVA DG sets. Total Cost of the project is Rs.524.94 crores.

The committee decided to call for additional information as indicated below:

- Baseline data on the air quality reported does not reflect the current scenario. The proponent has to collect the base line data on air quality which includes the parameters like hydrocarbon/VOC for 2 to 3 months and reports.
- Furnish the certificate obtain from competent authority (PWD / CGWA) for drawl of ground water.
- Disinfection of treated sewage with UV / Ozone treatment instead of chlorination can be planned.
- Comprehensive solid waste management system to be evolved and reported.
- Parking is inadequate. Provide one ECS for every 50 Sq.mt. of built up area and workout the parking space accordingly and report.

- Conduct detailed study on the Impact on the proposed complex by the neighbouring industrial Complex located at the northern side of the project site and furnish relevant documentary evidence on prevailing quality of environment.
- The coefficient of run off is to be determined for the area and the landscaping.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Furnish the characteristics of solid waste after the vermi composting and mixed with the STP sludge.
- Identify the operating agency for STP, solid waste management to be furnished and furnish the nature of commitment.
- Comprehensive EMP report has to be prepared for managing the air, water and land pollution.
- Base line data on hydro carbon / VOC in Ambient Air in and around the project site to be furnished.
- Installation of more solar lights to be explored in view of reduction of electricity consumption

**In view of the foregoing observation environmental clearance will be considered subject to the submission of documents demanded for all the above items and based on the site inspection by a team of SEAC members.**

**1.01.26 CONSTRUCTION OF COMMERCIAL COMPLEX AT OLD MAHABALIPURAM ROAD, KARAPAKKAM VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S.RIVERSIDE INFRASTRUCTURE (INDIA) PRIVATE LIMITED.**

The proposal involves construction of Commercial complex on a total built up area as reported is 29664 Sq.mts. Water requirement is 175 KLD with. Car parking proposed for 347 cars. Power required is 10 MW. Total Cost of the project is Rs.65 crores.

**The project proponent has not turned out for presentation. However the project proponent circulates the project documents to the committee.**

**1.01.27 CONSTRUCTION OF I.T. PARK AT MAHENDRA INDUSTRIAL PARK LTD., CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.WIPRO LIMITED.**

The proposal involves construction of I.T. Park on a total built up area as reported is 2,63,193 SQ m. Water requirement is 1380 KLD and fresh water intake is 625 KLD and the sewage generated will be 1130 KLD of which treated STP water is 755 KLD which will be recycled for toilet flushing. Car parking proposed for 3855 cars.

Power requirement 30,000 KVA and backup power supply 20 x 1500 KVA DG sets.

The committee decided to call for additional information as indicated below:

- The accountability of visitors to be included in the calculation of water requirement sewage generation, solid waste, parking etc., and furnish the revised data for the same.
- E-Waste Management to be dealt elaborately and furnish the reports.
- Baseline data on CO in the ambient air at the project site to be reported.
- Furnish the characteristic of UF rejects and scrubbing liquor.
- Furnish the Certificate from Mahindra World City Developers Ltd., regarding the discharge of UF rejects into Mahindra World City Developers Ltd., Sewer line for further treatment.
- Furnish the green concept adopted in the proposed IT building.
- Study the existing flora and fauna of the area and the impact of project on them.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Furnish the detailed report on Socio Economic Development in and around the projects site.

**In view of the foregoing observations Environmental Clearance will be considered on receipt of the clarifications demanded for all the above items.**

**1.01.28 ONSTRUCTION OF RESIDENTIAL COMPLEX - HOUSING PROJECT AT KAZHIPATTUR VILLAGE, CHENGALPATTU TALUK KANCHEEPURAM DIST. M/ S.TVH ESTATES, CHENNAI PRIVATE LIMITED.**

The proposal involves construction of a residential complex on a total built up area as reported is 1,52,205 SQ m. No. of floors stilt + 29 floors. Water requirement is 1104 KLD and fresh water intake is 442 KLD and the sewage generated will be 662 KLD of which treated STP water is 226 KLD which will be recycled for toilet flushing. Car parking proposed for 1112 cars. Power required is

3000 KVA and backup power supply 2 x 1500 KVA DG sets. Total Cost of the project is Rs.400 crores.

The committee decided to call for additional information as indicated below:

- For treatment of sewage instead of MBR Technology other alternative system may be explored.
- Disinfection of treated sewage with UV / Ozone treatment system instead of chlorination can be planned.
- Baseline data on soil quality at the project site to be checked and reported.
- Identify the agency for maintenance of nalla / canal running on the eastern side carrying the surface run off and furnish the nature of commitment.
- Comprehensive solid waste management system to be evolved and to be reported.
- Study the existing flora and fauna of the area and the impact of project on them.
- Furnish the standards for water, treated waste water, flushing water, landscape development as set by the BIS, CPHEO, Agriculture.
- Installation of wind net to mitigate the dust during the construction phase can be planned.

**Provided the response of the project proponent to the aforesaid observations is found satisfactory to the committee and the proposal may be considered for recommendation for Environmental Clearance.**

**1.1.29 CONSTRUCTION OF I.T. PARK AT S.F.NO.248 PART & 249 PART, OKKIAM THURAIPAKKAM VILLAGE, TAMBARAM TALUK, KANCHEEPURAM DISTRICT BY M/S.CEEBROS DEVELOPERS.**

The proposal involves construction of I.T. Park on a total built up area as reported is 25,436 SQ.m. Water requirement is 99 KLD and fresh water intake is 44 KLD and the sewage generated will be 94 KLD of which treated STP water is 89.5 KLD which will be recycled for toilet flushing & cooling. Power required is 3815 KW and backup power supply of 2 x 1500 KVA DG sets. Total Cost of the project is Rs.63.5 crores.

**The project proponent has not turned out for presentation. However the project proponent circulated the project documents to the committee.**

**1.01.30 CONSTRUCTION OF RESIDENTIAL COMPLEX AT S.F.NO.90/3B, 3C, 3D, 3E ETC., PUDUPAKKAM VILLAGE, CHENGALPATTU TALUK, KANCHEEPURAM DISTRICT BY M/S.PRINCE FOUNDATIONS PVT. LIMITED.**

The proposal involves construction of Residential Complex on a total built up area as reported is 38,409 SQ m. Water requirement is 327 KLD and fresh water intake is 254 KLD and the sewage generated will be 294 KLD of which treated STP water is 164 KLD which will be recycled for toilet flushing & cooling. Power requirement 4225 KW with backup power supply 4 x 500 KVA DG sets. Total Cost of the project is Rs.115 crores.

**The project proponent has not turned out for presentation. However the project proponent circulated the project documents to the committee.**

The meeting ended with a vote of thanks to the Chair.

**List of Participants**

**Expert Committee**

1. Dr. Muthiah Mariappan Chairman
2. Shri. R. Ramachandran Member
3. Dr. K. Thanasekaran Member
4. Shri. P.M. Natarajan Member
5. Dr. S. Sivanesan Member
6. Dr. M.P. Chockalingam Member
7. Prof. T. Swaminathan Member
8. Shri. V. Ramadoss, IAS(Retd) Member
9. Dr. Dhulasi Birundha Member
10. Dr. K. Srinivas Member
11. Dr. A.G. Murugesan Member
12. Dr. V. Sundararaj Member
13. Prof. K. Muthuchelian Member

14. Dr. H. Mohamad Kasim Member

**Project Authorities**

Representatives of M/s Asian Paints, Cuddalore  
Representatives of M/s Suryavardhan Estates Pvt. Ltd., Kazhipattur Village  
Representatives of M/s KGISL Trust, Saravanampatti, Coimbatore  
Representatives of M/s Larsen & Toubro Ltd., Manapakkam, Chennai  
Representatives of M/s DLF Retail Developers Ltd., Mylapore, Chennai  
Representatives of M/s Member Secretary, CMDA., Egmore, Chennai  
Representatives of M/s. Hallmark Infrastructure Pvt.Ltd., T'Nagar, Chennai  
Representatives of M/s PS. Srijan Developers, Chengalpattu  
Representatives of M/s Sriram Properties Ltd., Chengalpattu  
Representatives of M/s Jain Housing & Constructions Ltd., Thiruneermalai  
Representatives of M/s Jain Housing & Constructions Ltd., Pammal  
Representatives of M/s. Jain Housing & Constructions Ltd., Padur  
Representatives of M/s Jain Housing & Constructions Ltd., Okkiam Thoraipakkam  
Representatives of M/s South India Shelters, Trichy  
Representatives of M/s DLF Southern Home Developers Ltd., Kancheepuram Dt.,  
Representatives of M/s Puravankara Projects Ltd., Madavakkam, Kancheepuram Dt.,  
Representatives of M/s Puravankara Projects Ltd., Pudupakkam, Kancheepuram Dt.,  
Representatives of M/s ETL Infrastructure Services Ltd., Erode  
Representatives of M/s Ambatur Developers, Guindy, Chennai  
Representatives of M/s Parsvnath Developers Ltd., Chengalpat  
Representatives of M/s Wipro Ltd., Chengalpattu  
Representatives of M/s TVH Estates Chennai Pvt. Ltd., Chennai