

the modelling of impact with and without Sai Supreme Chemical Industry considering the TNPCB data for the existing industries.

2. The proponent requested to the furnish the per unit water consumption and per unit waste water generation.
3. The treatment and disposal facility for 0.8 kLD sewage generations, needs to be designed and submitted.
4. In the presentation for the question raised in the previous minutes for Safety measures provided for the solvent and risk analysis for the solvent handling and emergency plan in case of leakage of solvents have not been furnished, as the industry is planning to have the underground solvent storage. The report furnished was generic. Hence, the proponent is requested to furnish the detail report specific to the industries.
5. Surface water and ground water analysis should be done through reputed institution for atleast 4 samples, as the reported values were not acceptable found to be generic.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda No. 127-11:**

**(File No. 6673/2019)**

Proposed construction of multistoried residential building by M/s. Radiance Realty Developers India Ltd at Survey Numbers: 1271/1, 1272/2, 1273/1B (part) & 2B, 1274/1B (part), & New T.S.No.13/2, Block No.55, Ward No. D of Madhavaram Village, Madhavaram Taluk, Thiruvallur district – For Environment Clearance

(SIA/TN/NCP/81193/2018)

The proposal was placed in the 127th SEAC Meeting held on 15.03.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 13° 8'27.20"N Latitude, 80°13'24.74"E Longitude.
2. The total plot area of the project is about 16632.02 Sq.m with a total built up area 75,219.03 Sq.m.

  
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3. The Project comprises of (3 Blocks); Block 1 & 2: combined double basement floor (parking) + combined stilt floor (part)/ ground floor (part) + combined first floor with swimming pool, gym & indoor games + 2<sup>nd</sup> floor to 18 floors (each block with 208 dwelling units); Block 3 : stilt + 18 floors with 107 dwelling units (totally 523 dwelling units)
4. A total of 585 numbers of car parking and 272 numbers of two wheeler parking to be provided and area allotted for parking is 7802.10 sq.m
5. The green belt area proposed for the project is 2495 sq.m (15% of total land area).
6. The daily fresh water requirement is 241 kLD to be sourced from CMWSSB.
7. Grey water - Wastewater from bathing and household appliances like washing machines will be collected separately. 157 kLD of grey water will be let into the grey water treatment system (170 kLD). After grey water treatment, 141 kLD of treated water will be generated, out of which 126 kLD will be used for flushing and 15 kLD will be sent to recharge pit.
8. 208 kLD of black water generated will be treated in STP of 200 kLD capacity, 168 kLD of treated wastewater will be generated; out of which 9 kLD will be used for gardening, 6 kLD will be used for OSR and 153 kLD will be disposed through CMWSSB sewer.
9. Total waste estimated to be generated is 1621 kg/day in which 973 kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC-300) within the project site mixed with 20 kg/day STP sludge and then used as manure for landscaping purpose within project site and 648 kg/day is Non Biodegradable waste will be sold to recyclers.
10. The rainwater harvesting pit has 11 nos of 0.45 m dia and 2 m depth & The rainwater collection sump 1 no of capacity 160 cu.m to be provided.
11. The proponent is proposed to install D.G set of 2 Nos of 320 KVA & 1 Nos of 100 KVA to cater the essential load requirement during power failure with a stack height of 68 m & 66 m.

  
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The SEAC noted the following:

1. The Proponent, M/s. Radiance Realty Developers India Ltd has applied for EC to SEIAA-TN on 29.11.2018 for the proposed construction of multistoried residential building at Survey Numbers: 1271/1, 1272/2, 1273/1B (part) & 2B, 1274/1B (part), & New T.S.No.13/2, Block No.55, Ward No. D of Madhavaram Village, Madhavaram Taluk, Thiruvallur district, Tamilnadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. An undertaking regarding the same shall be furnished in the form of affidavit.
2. The Sewage treatment plant location should be relocated away from the boundary of the site to avoid public complaint regarding possibilities of odour nuisance and discharge of treated /untreated sewage outside the premises.
3. The proponent shall furnish the fresh AAQ survey report which should be conducted by the any reputed institutions/ laboratory, since the earlier AAQ report furnished during presentation is not satisfied.
4. Surface water and ground water analysis should be done through reputed institution for atleast 4 samples.

On receipt of the above details from the proponent, the SEAC will reconsider for appraisal.

**Agenda No. 127-12:**

**(File No. 6713/2019)**

Proposed construction of residential building by M/s. Ramu & Co., at S.F.No.1646/3 in Alwarpet Village, Mylapore Taluk, Chennai district, Tamil Nadu – For Environment Clearance.

  
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(SIA/TN/NCP/92969/2019)

The proposal was placed in the 126<sup>th</sup> SEAC Meeting held on 26.02.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The total plot area of the project is about 8154.77 sq. m, where a block with 2 Basement floor + Silt + 2 floors parking Floors + 16 Floors with a build up area of 69150.31 sq. m.
2. The project is located at 13°02'11.49" N Latitude, 80°15'23.26" E Longitude.
3. This proposal comprises of 124 dwelling units with population of about 930 Nos.
4. The daily fresh makeup water requirement is 90 kLD to be sourced from CMWSSB will be used for domestic purpose.
5. The sewage generated from the project will be 117 kLD. The Sewage will be treated in the STP of 130 kLD capacity and the treated sewage of 117 kLD, out of 117 kLD of treated sewage, 40 kLD will be used for toilet flushing, 5 kLD will be used for Greenbelt & 72 kLD will be sent to Storm Water Drain.
6. Total numbers 376 numbers of cars parking and 376 numbers of two wheeler parking with 18725.33 sq.m of area allotted in 2 Basements + Stilt + 2 floors.
7. A total of 2000 KVA of power is required which is sourced from TANGEDCO, back-up power supply is through 2 nos of 1000 KVA DG set with a stack height of 74.3 m.
8. Rain water harvesting – 50 number of recharge pits with 1.8 m diameter and 3.0 m depth are to be provided along with collection sump of 95 Cu.m.
9. Total solid waste estimated to be generated is 569 kg/day in which 224 kg/day is Biodegradable waste, which will be treated with 10 kg/day STP sludge in Organic Waste Convertor (OWC – 250 kg/day) within the project site mixed and then used as manure for landscaping purpose within project site and 335 kg/day is Non-Biodegradable waste will be sold to TNPCB authorized recyclers.

The SEAC noted the following:

  
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1. The Proponent of M/s Ramu & Co., has applied for Environment Clearances to SEIAA on 30.01.2019 for the proposed construction of residential building at S.F.No. 1646/3 in Alwarpet Village, Mylapore Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. The proponent shall submit a detailed proposal for grey water treatment and the plans for the reuse of the treated grey water, especially for toilet flushing by providing dual piping/ plumbing system and also in view of the actual water shortage in Chennai District. Accordingly the water balance shall also be revised.
2. The proponent shall provide the detailed calculation for population in the operational phase and the water balance shall be revised accordingly.
3. Details of STP & Grey water treatment plant design with dimensions shall be furnished.
4. It was reported that 74 trees are present in the proposed site. It is requested to explore the possibility of retaining maximum no. of trees, regarding the same the proponent is requested to submit the action plan. If the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation of continuous maintenance.
5. It was reported that Coovum River and buckingham Canal is located at 500 meters from the project site. But, during presentation the proponent has informed that Coovum River is located at 1.5 km away the project site. It was decided in the meeting that the proponent is requested to furnish the exert distance between the Coovum river and the project site with GPS co-ordinates.
6. It was reported that LPG will be stored in the project site for the domestic purpose. Hence, it is requested to submit the details of storage capacity of LPG and how it will be used for domestic cooking purpose.

  
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7. The proponent has to earmark the greenbelt area with dimension with a map and GPS coordinates for the green belt area.
8. A detailed storm water drainage plan shall be prepared considering the floods occurred in the year 2015 surrounding the environment.
9. A comprehensive emergency plan during the flood periods needs to be evolved and submitted as the area is highly vulnerable for floods in future.

It is requested to revise the application by considering the above point and submit the revised application along with the aforesaid details. After submission of the same the SEAC will take further course of action.

The proponent has furnished the above said details on 13.03.2019.

The proposal along with the above said details was placed in the 127th SEAC Meeting held on 15.03.2019. The project proponent gave detailed presentation. The SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. The treated grey water of 40 kLD after meeting the standards prescribed by the CPCB will be utilized for toilet flushing.
2. The treated sewage of 6 kLD after meeting the standards prescribed by the CPCB will be utilized for green belt development.
3. The excess treated sewage and treated grey water of 71.9 kLD will be disposed into municipal sewer line. Hence, the proponent has to get necessary permission from CMWSSB and the same shall be submitted to TNPCB before obtaining CTO.
4. Necessary permission shall be obtained from the competent Authority for storing 75 Nos. of LPG cylinder (Totalling of 990 Kg of LPG) to be used for domestic cooking purpose.
5. Detailed storm water management plan considering the project site and the surrounding area to be prepared and may be furnished to SEIAA.
6. The height of the stack of DG sets shall be provided as per the CPCB norms.
7. Solar energy should be atleast 10% of total energy utilization.

  
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8. The proponent has to plant a minimum of 105 numbers of native indigenous plants species should be planted in and around the premise in consultation with the District Forest Officer, Chennai District in addition to that the proponent has to plant a compensation the plantation of the ratio is 1:10 for every one tree cuts. Hence, the proponent has to plant 280 numbers of native indigenous plants species in addition to the above said 105 trees (i.e totaling of 385 trees shall be planted).
9. The purpose of Green belt around residential buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close escapement may be tried which will give a good green cover. A total of 15% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner.
10. The proponent has to retain 46 numbers of trees as reported. In this regard the SEAC directed that the proponent shall furnish the affidavit for the same before placing the subject to SEIAA.
11. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
12. For CER: The project proponent shall allocate and utilize the CER fund of Rs. 40 Lakhs as committed as per MOEF & CC OM dated: 01.05.2018 before applying for CTO from TNPCB.

**Agenda No. 127-13:**  
**(File No. 6703/2019)**

  
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