

MINUTES OF THE 115TH SEAC MEETING HELD ON 27th June, 2018

<p>115 - 6628/2018</p>	<p>Proposed construction of Multi Storied Group Development Project by M/s. Casa Grande Homes Private Limited at S.F. No. 497/1C1A2, 2A1, 2B2, 4A, 4B, 3A3, 3A4, 505/8A, 9, 8B1, 508/37A2 of Sholinganallur Village, Sholinganallur Taluk, Kancheepuram District - Environment Clearance - Sl. No. 8(a) of the Schedule - Building and Construction projects- Regarding.</p>
	<p>The Proponent of M/s. Casa Grande Homes Private Limited has applied for Environment Clearance to SEIAA on 08.06.2018 for the proposed construction of Multi Storied Group Development Project to a total build up area of 80550.43 sq.m at S.F. No. 497/1C1A2, 2A1, 2B2, 4A, 4B, 3A3, 3A4, 505/8A, 9, 8B1, 508/37A2 of Sholinganallur Village, Sholinganallur Taluk, Kancheepuram District .</p> <p>The salient features of the proposal are as follows:</p> <ol style="list-style-type: none"> 1) The Residential Group development of special building category comprises of 5 Blocks namely Block A (S+7 floors) with 108 dwelling units, Block B (S+7 floors) with 140 dwelling units, Block C (S+7 floors) with 168 dwelling units, Block D (S+7 floors) with 91 dwelling units and Block E (Club House) having 5 + 3 floors having Indoor games, Multipurpose hall, Health facility. Total of 507 dwelling units. 2) The total plot area of the project is 29189 sq.m with a total built up area of 80550.43 sq.m. 3) Subramanya Lake (Retterithangal tank) is located at a distance of 20m in the SW direction & Sholinganallur Lake (Thamarai keni) is located at a distance of 120m in the SE direction. 4) The surrounding features of the project: <ol style="list-style-type: none"> a) North – Group development – Primary Residential Use b) East – Vacant land - Primary Residential c) West – Vacant land - Primary Residential d) South – Individual Houses – Residential Use Zone 5) The green belt area proposed for the project is 4050 sq.m (which is

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less than the norms).

- 6) The total fresh water requirement is 237 KLD to be sourced from CMWSSB. Out of 237 KLD, 232 KLD will be used for domestic purpose (non flushing) & 5 KLD will be used for swimming pool top up.
- 7) The sewage generated from the project will be 331 KLD which will be treated in the STP of 400KLD capacity & the treated sewage of 122 KLD will be used for toilet flushing, 14 KLD will be used for gardening, 10 KLD will be used for OSR & remaining excess treated sewage of 169 KLD will be disposed into CMWSSB STP, Sholinganallur.
- 8) The bio degradable solid waste (755.04 kg/day) will be treated in the organic waste convertor and used as manure. The non bio degradable solid waste (503.36 kg/day) will be handed over to Authorized recyclers & STP Sludge (35 kg/day) will be used as manure for green belt.
- 9) Proposed to provide 45 number of rain water harvesting pits.

The proposal was placed in the 115th SEAC Meeting held on 27.06.2018. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal to SEIAA-TN for the grant of Environmental Clearance subject to the following conditions in addition to the normal conditions:

1. The project site is in a low lying area often proved to be affected by flooding during monsoon. There is a huge responsibility on the part of the proponent to safeguard the wellbeing of the inmates during the floods. The planning and design of the proposed building will be such that the inmates are all the time protected from the floods.
2. There are two water bodies very close to the proposed site namely Sholinganallur Lake (Thamarai keni) & Subramanya Lake

(Retterithangal tank). These water bodies are acting as storage tanks for the storm runoff that is drain from the upstream areas. The project should no way affect the natural drainage and there should not be any new flooding problem for the areas nearby due to this project.

3. The project should no way affect the hydrology and water quality of the water bodies stated above and the proponent should take all measures to protect the wellbeing of the water bodies in future. In fact the SEAC recommend that the proponent should adopt both the water bodies and take steps to maintain the water bodies in a environmentally sound conditions as part of the CER activity.
4. The proponent should raise the level of the approach road to the level of project site up to the length where it connects the east west road at the northern side to avoid inundation of the approach road in rainy season.
5. The proponent has informed that the excess treated sewage of 169 KLD will be discharged into the CMWSSB STP, Sholinganallur. Hence, the proponent has to get necessary permission from CMWSSB before obtaining CTO from TNPCB.
6. The project proponent has to furnish the certificate stating that the proposed site had not encroached any water body (rivers, canals, lakes, ponds, tanks, etc) from its original boundary shall be obtained from the competent authority.
7. The project site lies very close to the Subramanya Lake (Retterithangal tank) (at 20 m) & Sholinganallur Lake (Thamarai keni) (at 120m). There is a great possibility of the project site getting flooded during heavy monsoons. The proponent should take all structural measures to ensure the safety of the building and safe living for the residents. The proponent should obtain the necessary clearances from PWD, keeping in mind the close proximity of the project site to the water

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body.

8. At any cost, treated/untreated sewage should not be discharged into the Subramanya Lake & Sholingallur Lake. Similarly, the Subramanya Lake & Sholingallur Lake should not be polluted with municipal solid waste generated from the project.
9. Solar energy saving shall be increased to atleast 5% of total energy utilization.
10. Towards green belt, the project proponent has allotted 4050 sq.m which is less than the norms. The proponent should allocate green belt area of 4379 sq.m. Accordingly, the proponent should revise the green belt area with dimensions & DGPS (Differential Global Positioning System) co-ordinates of areas allocated for green belt (15%) shall be provided. Green belt shall be planted with 370 numbers of indigenous species. The following species may be planted.

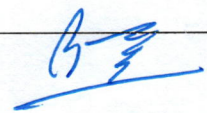
Pongamia glabra	Pungan
Thespesia populnea	Poovarasu
Ficus religiosa	Arasu
Azadirachta indica	Vembu
Terminalia arjuna	Neermarudhu
Calophyllum inophyllum	Punnai
Syzygium cumini	Naval
Madhuca longifolia	Ilippai
Mimusops elengi	Magilam

11. For CER: The project proponent shall allocate and utilize the CER fund of Rs. 85 Lakhs totally (0.5% of the project cost – Rs. 70 Lakhs + proponents additional contribution – Rs. 15 Lakhs). The schedule

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	<p>for utilization of CER funds is as follows:</p> <p>a) For the purpose of infrastructure facilities including basic amenities like drinking water supply and sanitation, sports facilities in the Government Higher Secondary School, Okkiyam Thoraipakkam – Rs. 50 Lakhs</p> <p>b) Conservation of Subramanya Lake (Retterithangal tank) & Sholinganallur Lake (Thamarai keni) – Rs. 35 Lakhs</p> <p>12. The proponent has to revise the EMP cost considering the cost for the disposal of excess treated sewage from the proposed site to nearest CMWSSB STP through tanker lorries.</p>
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S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.K.Valivittan	Member	
3	Dr.Indumathi M. Nambi	Member	
4	Dr. G. S. Vijayalakshmi	Member	
5	Dr. M. Jayaprakash	Member	
6	Shri V. Shanmugasundaram	Member	
7	Shri B. Sugirtharaj Koilpillai	Member	
8	Shri. P. Balamadeswaran	Co-opt Member	



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9	Shri. M.S. Jayaram	Co-opt Member	
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