STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 343rd meeting of the State Expert Appraisal Committee (SEAC) held on 05.01.2023 (Thursday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects

Agenda No: 343 – 01
(File No. 5233/2021)
Proposed expansion of Residential complex by M/s. PBEL Property Development (I) Pvt. Ltd., at S.No: 1380/1, 1382, 1383, 1401/97, 1401/22B, 1401/22C, 1401/23A2, 1401/23A3, 1401/23B, 1401/24A, 1401/24B, 1401/24C, 1401/24D, 1401/25, 1401/26, 1401/27A, 140127B1, 1401/27B2, 1401/28A, 1401/28B, 1401/29A, 1401/29B1, 1401/29B2, 1401/30A, 1401/30B1, 1401/30B2, 1401/31A, 1401/31B1, 1401/31B2, 1401/32, 1401/33, 1401/42B1 & 1485, of Thaiyur B Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu – Environmental Clearance- Regarding.

The proposal was placed for appraisal in this 343rd meeting of SEAC held on 05.01.2023. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. PBEL Property Development (India) Private Limited has applied for Environmental Clearance for the Expansion of residential building complex project at S.F.Nos. 1380/1, 1382, 1383, 1401/97, 1401/22B, 1401/22C, 1401/23A1, 1401/23A2, 1401/23A3, 1401/23B, 1401/24A, 1401/24B, 1401/24C, 1401/24D, 1401/25, 1401/26, 1401/27A, 1401/27B1, 1401/27B2, 1401/28A, 1401/28B, 1401/29A, 1401/29B1, 1401/29B2, 1401/30A, 1401/30B1, 1401/30B2, 1401/31A, 1401/31B1, 1401/31B2, 1401/32, 1401/33, 1401/42B1 & 1485 of Thaiyur B Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

3. The Earlier EC obtained SEIAA-TN vide Lr.No.SEIAA-TN/F.2375/EC/8(a)/402/2014 dated: 01.04.2015 for plot area is 167170Sq.m, built-up area is 78051.67Sq.m project comprises of BlockA1- Stilt(Parking)+14

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floors-112 units; Block A2 - Stilt(Parking)+14 floors-112 units; BlockB1- Stilt(Parking)+14 floors-84 units; BlockB2- Stilt(Parking)+14 floors-84 units; BlockC1- (EWS)-Stilt(Parking)+11 floors-132 units; Block D1- (Duplex villa-1)-G+2 floors-8 units; Block E1- (Duplex villa-2)-G+2 floors-8 units; Block F1- (Duplex villa-3)-G+2 floors-8 units; Block G1- G8 (villa-1)-G+2 floors-8 units(1 dwelling unit per block x 8 Blocks); Block H1- H8 (villa-1)-G+2 floors-8 units(1 dwelling unit per block x 8 Blocks); Block J1- J12 (Town house-1)-G+2 floors-12 units(1 dwelling unit per block x 12 Blocks); Block K1- K13 (Town house-2)-G+2 floors-13 units(1 dwelling unit per block x 13 Blocks); club house-basement +GF+ First Floor(FF), (Basement + GF + Restaurant, multipurpose hall, Departmental store & day care center, FF- Indoor games) and expected occupancies-3387.

4. Earlier, the proposal was placed in the 302nd SEAC Meeting held on 17.08.2022.

Based on the presentation made and documents submitted by the proponent, SEAC decided to call for the following additional details.

1. Green Belt Development achieved in respect of earlier EC obtained and the expansion proposed.
2. PP shall explore the possibility of getting water supply from Chennai Metro Water instead of relying on tankers.
3. Comparative statement for increase in the fresh water usage due to the proposed expansion of the project.
4. Revised EMP shall be submitted increasing the minimum coverage of solar panels to 40% of the roof top area in all the Towers **including the existing one.**
5. Letter from the Airports Authority of India extending the validity of NOC issued by them.
6. Tamil Nadu Pollution Control Board's 'report of analysis' for the existing STP shall be submitted.

7. Evidence/Log Book for the regular usage of solid waste converter, duration for which the unit has been operating, the quantity the unit has received and the quality and quantity of the output of the unit from operation till date shall be submitted.

On receipt of the above details, SEAC would further deliberate on this project and decide the further course of action

Now, the proposal was again placed in the 343rd SEAC Meeting held on 05.01.2023. Based on the presentation and document furnished by the project proponent, SEAC decided to obtain the following additional particulars from the proponent:

i) Commitment to increase plantation in area demarcated for future development.

ii) The proponent shall submit the details regarding children's park, recreational activities etc.,

iii) Submit the acknowledgement for request of permanent water connection from nemmeli desalination plant.

iv) Revised EMP shall be submitted.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to **direct SEIAA-TN to initiate action to be taken for violation cases in accordance with law.**

Agenda No: 343-02
(File No: 6761/2021)
proposed expansion of mixed use development Projectat RS No. 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block 11 and RS No. 221/2, 222/1, 2, Block 12 of Perambur Village, Purasawalkam - Perambur Taluk, Chennai District, Tamil Nadu by M/s. SPR Construction Pvt Ltd - For Environmental Clearance. (SIA/TN//MIS/294550/2022 Dated:25.11.2022)

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The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023.The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. SPR Construction Pvt Ltd has applied for Environmental Clearance for the proposed expansion of mixed use development Project at RS No: 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2, Block 11 and RS No: 221/2, 222/1, 2, Block 12 of Perambur Village, Purasawalkam - Perambur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Township & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. EC issued Vide Letter No.SEIAA-TN/F.No.6761/EC/8(b)/766/2021 dated:30.04.2021.
4. ToR issued Vide Letter No.SEIAA-TN/F.No.6761/EC/8(b)/ToR-1198/2022 dated:14.07.2022.
5. Total built-up area - 13,43,771 Sq.m (After Expansion) [(EC Obtained – 5,81,528 Sq.m + EC Expansion Proposed – 7,62,243 Sq.m)]

<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td>1.</td><td>Name of the Project</td><td>Expansion of Mixed Use Development by M/s. SPR Construction Pvt. Ltd.</td></tr>
<tr><td>2.</td><td>Location</td><td>RS No: 218/5, 2, 219/1, 2, 3, 4, 5, 6, 220/2 of Block 11, and RS No: 221/2, 222/1, 2 of Block 12, Perambur Village, Purasawalkam – Perambur Taluk, Chennai District</td></tr>
<tr><td>3.</td><td>Type of Project</td><td>8(b) "Township & Area Development Projects"</td></tr>
<tr><td>4.</td><td>Latitude & Longitude</td><td>
<table>
<tr><th>S. No.</th><th>Latitude & Longitude</th></tr>
<tr><td>1</td><td>13°06'16.97"N 80°15'12.07"E</td></tr>
<tr><td>2</td><td>13°06'13.07"N 80°15'26.37"E</td></tr>
<tr><td>3</td><td>13°05'58.59"N 80°15'15.65"E</td></tr>
<tr><td>4</td><td>13°06'0.49"N 80°15'6.19"E</td></tr>
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S. No	Description	Details
5.	Total Plot/land Area (in sq. m)	2,00,197 Sq.m
6.	Built up area	13,43,771 Sq.m (After Expansion) (EC Obtained – 5,81,528 Sq.m + EC Expansion Proposed – 7,62,243 Sq.m)
7.	Cost of Project	Rs. 1688.53 Crores
8.	Total Built up area	

Block	Floors	Total built-up area After Expansion (Sq.m)
Block 1 (Residential Block)	S/G+38 Floors	39,070
Block 2 (Residential Block)	2B + S/G + 38 Floors	45,834
Block 3 (Residential Block)	2B + S/G + 47 Floors	53,503
Block 4 (Residential Block)	2B + S/G + 45 Floors	65,878
Block 5 (School)	B + G + 3 Floors	17,044
Block 6 (Commercial Market + Retail)	3B + G + 15 Floors	6,37,256
Block 7 (Residential & Commercial)	2B + G + 45 Floors	1,05,582
Block 8 (Hospital)	4 B + G + 12 Floors	48,000
Block 9 (Residential block, Club House, Tourism/Museum)	**3B + S/G + 65 Floors**	**71,256**
Block 10 (Residential block)	3B + S/G + 45 Floors	36,453
Block 11 (Residential block)	3B + S/G + 45 Floors	36,453
Block 12 (Residential block)	3B + S/G + 45 Floors	36,453

S. No	Description	Details		
		Residential Combined Basement Floors + Combined Stilt + Landscape Podium Floor	–	1,33,085
		Block 13 & 14 (Temple)	2 B + S / G + 9 Floors	4,645
		Other Utilities		13,259
		Total built-up area		13,43,771 Sq.m
9.	Land Break-up			

S.No.	Description	Area (Sq.m)	Percentage(%)
1	Total Area	2,00,197	-
2	Area gifted to CMDA for road widening	5,997	-
3	Land Area available for development	1,94,200	100
4	Ground Coverage Area	67,454	35
5	Roads and Pavement Area	24,834	13
6	Surface Parking Area	5,826	3
7	Other Utilities Area (Fire Station, Services, etc.)	25,698	13
8	Greenbelt Area	29,130	15
9	OSR Area	19,420	10
10	Future Development	21,837	11

10.	Sewage Treatment Plant-	STP – 3870 KLD 1. Bar screen 2. Equalization Tank 3. Upflow Anaerobic Sludge Blanket (UASB)

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S. No	Description	Details
		4. Bio Tower 5. Settling Tank 6. Filter Feed Tank 7. Pressure Sand Filter 8. Activated Carbon Filter 9. Ultra Filtration System 10. Treated Water Tank 11. UV Disinfection System 12. Centrifuge / Filter Press ETP – 65 KLD 1. Bar Screen 2. Equalization Tank 3. Flash Mixer 4. Flocculation Tank 5. Settler 6. Filter Feed Tank 7. Pressure Sand Filter 8. Activated Carbon Filter 9. Disinfection System 10. Treated Water Tank
11.	Total STP Capacity	STP 3870 KLD & ETP 65 KLD {STP 1 – 1850 KLD (1000 KLD + 850 KLD) , STP 2 – 1540 KLD (870 KLD + 670 KLD) , STP 3 – 320 KLD,STP 4 – 160 KLD and ETP – 65 KLD (45+20 KLD))

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<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td>12.</td><td>a) Water requirement KLD</td><td>a) Fresh Water Requirement – 2104 KLD
• Domestic & Swimming Pool Topup – 1920 KLD
• Hospital – 246 KLD
b) Recycled Water Requirement – 3285 KLD
• Toilet Flushing – 1555 KLD
• Gardening – 478 KLD
• Hospital – 62 KLD
• HVAC – 1189 KLD</td></tr>
<tr><td>13.</td><td>Quantity of Sewage KLD</td><td>3363 KLD</td></tr>
<tr><td>14.</td><td>Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste</td><td>
<table>
<tr><th>S. No.</th><th>Description</th><th>Quantity</th><th>Mode of Treatment/disposal</th></tr>
<tr><td>1</td><td>Biodegradable waste</td><td>11.8 T/day</td><td>Treated in bio gas plant and used in kitchen & power generation.</td></tr>
<tr><td>2</td><td>Non-biodegradable waste</td><td>7.8 T/day</td><td>Sent to authorized recyclers.</td></tr>
<tr><td>3</td><td>STP sludge</td><td>0.3 T/day</td><td>Treated in bio gas plant and used in kitchen & power generation. Excess Sludge will be used as manure for gardening after dewatering and composting.</td></tr>
<tr><td>4</td><td>E-Waste</td><td>15 T/Annum</td><td>Handed over to recyclers / dismantlers.</td></tr>
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<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td></td><td></td><td>
<table>
<tr><td>5</td><td>Biomedical Waste</td><td>0.8 T/day</td><td>Handed over to TNPCB disposal agency</td></tr>
</table>
</td></tr>
<tr><td>15.</td><td>Power requirement</td><td>42 MVA</td></tr>
<tr><td>16.</td><td>Details of D.G. set with Capacity</td><td>19 nos. of 625 KVA,
2 nos. of 325 KVA,
10 nos. of 2250 KVA,
5 nos. of 2000 KVA.
DG sets are proposed with acoustic enclosures and wet scrubber with stack height of 10 m above the ground level.</td></tr>
<tr><td>17.</td><td>Details of Green Belt Area</td><td>29,130 Sq.m</td></tr>
<tr><td>18.</td><td>Details of Parking Area</td><td>1,47,505 Sq.m (10,850 Car parks, 6,250 Two Wheeler Parking, 350 Cycles)</td></tr>
<tr><td>19.</td><td>Provision for rain water harvesting</td><td>Storage Sump – 1520 Cu.m
Recharge Pits – 42 nos.</td></tr>
<tr><td>20.</td><td>EMP Cost (Rs.)</td><td>
<table>
<tr><th rowspan="3">Description</th><th colspan="2">Budgetary Allocation</th></tr>
<tr><th colspan="2">(Rs. in Lakhs)</th></tr>
<tr><th>Capital Expenses</th><th>Operational Expenses (Per Annum)</th></tr>
<tr><td>Construction Phase</td><td>75.60</td><td>22.56</td></tr>
<tr><td>Operation Phase</td><td>1327.84</td><td>112.27</td></tr>
</table>
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S. No	[redacted]	
21.	CER activities with the specific allocation of funds	**Description of CER Activity** / **Budgetary Allocation (Rs. in Lakhs)** Providing Laboratory in Higher Secondary School in Perambur — 50 Establishment of Cricket Ground, Football Ground for promotion of sports activities in Perambur Village — 75 **Grand Total** — **125**

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,

1. The project proponent shall obtain IGBC Gold rating for the construction project.
2. The project proponent shall maintain minimum 25% green belt as committed.
3. The PP shall install STP on "BOT" basis to ensure its proper maintenance for 10 years.
4. The proponent shall provide adequate Bio-methanation Plant facility on "BOT" basis to ensure its proper maintenance for 10 years within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
5. The project proponent shall explore the possibility of adopting air cooling HVAC system instead of water-cooling system.
6. The Project proponent shall ensure that DG sets are run on minimum of 50% green energy sources instead of Diesel.
7. The height of the stacks of DG sets shall be provided as per the CPCB norms.

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8. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.

9. The project proponent shall provide STP of capacity 3870 KLD and ETP of capacity 65 kLD and the total treated water of 3285 kLD shall be utilized for flushing and green belt after ensuring that the vital parameters conform to the standards prescribed by CPCB time to time.

10. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.

11. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.

12. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

13. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

14. The unit shall ensure the compliance of land use classification fit for construction.

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15. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.

16. The project proponent shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.

17. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.

18. The Project Proponent shall comply with the provisions given under the Bio Medical Waste Management Rules, 2016, as amended at all times.

19. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.

20. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.

21. No waste of any type to be disposed of in any other way other than the approved one.

22. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.

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23. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.

24. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.

25. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.

26. Solar energy should be at least 50% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.

27. That the grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

28. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.

29. As accepted by the Project Proponent the CER cost is **Rs.300 Lakhs** and the amount (i) Rs.50L shall be spent for providing Laboratory in higher Secondary School, Perambur (ii) Rs.70L shall be spent for providing Cricket Ground, Football ground for promotion of sports activity (including provision for dis-abled persons) (iii)Rs.180L for providing Battery vehicle (15nos) and wheel chair (10 nos) in vandalur Zoo campus before obtaining CTE from TNPCB.

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Agenda No. 343 - 03.
(File No: 7414/2020)
Proposed Polymeric Resins and Formulated products manufacturing unit at S.F.No.50 of SIPCOT Industrial Park, Pillaipakkam, Navalur & Vengadu Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Vasavibala Resins Pvt. Ltd- For Environmental Clearance (SIA/TN/IND3/410049/2022 Dt. 13.12.2022)

The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Vasavibala Resins Private Limited has applied for Environmental Clearance along with EIA/EMP report and Minutes of public hearing for the proposed Polymeric Resins (800 MT/ Month) and Formulated Products (250 MT/ Month) manufacturing unit at S.F.No. 50 of Pillaipakkam SIPCOT Industrial Park, Vengadu Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(f) "Synthetic Organic Chemicals" of the Schedule to the EIA Notification, 2006.
3. ToR with Public hearing issued vide Lr. No. SEIAA-TN/F.No. 7414/SEAC/5(f)/TOR-1142/2020 dt:13.04.2022.
4. Minutes of Public Hearing held on 14.09.2022.

S. No	Description	Details
1.	Name of the Project	Proposed manufacturing M/s. Vasavibala Resins Private Limited unit of Polymeric Resin and Formulated Products
2.	Location	S.F. No. 50 of Pillaipakkam SIPCOT Industrial Park, Vengadu Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.

<table>
<tr><td></td><td></td><td>Co-ordinates:<table><tr><th>S.No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1.</td><td>12°57'13.21"N</td><td>79°59'14.69"E</td></tr><tr><td>2.</td><td>12°57'13.44"N</td><td>79°59'17.96"E</td></tr><tr><td>3.</td><td>12°57'11.44"N</td><td>79°59'18.11"E</td></tr><tr><td>4.</td><td>12°57'11.21"N</td><td>79°59'14.84"E</td></tr></table></td></tr>
<tr><td>3.</td><td>Type of Project</td><td>Schedule 5(f) - Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)</td></tr>
<tr><td>4.</td><td>Total Area</td><td>Total land available -6064.46 Sq.m (1.5 Acres)
Plot Coverage – 1509.31 Sq.m (0.37 Acres) 24.7%
Greenbelt - 2008.62 Sq.m (0.5 Acres) 33.3%
Road – 771.29 Sq.m (0.19 Acres) 12.7%
Vacant Land -1467. 34Sq.m (0.36 Acres) 24%
Parking – 307.90 Sq.m (0.08Acres) 5.3%</td></tr>
<tr><td>5.</td><td>Cost of Project (INR)</td><td>Rs. 419 Lakhs</td></tr>
<tr><td>6.</td><td>Details of Proposed Product</td><td><table><tr><th>Polymeric Resins</th><th>Quantity (MT/ Month).</th></tr><tr><td>a) Unsaturated Polyester Resin</td><td>550</td></tr><tr><td>b) Saturated Polyester Resin</td><td>100</td></tr><tr><td>c) Vinylester Resin</td><td>150</td></tr><tr><td>Total</td><td>800</td></tr><tr><th>Formulated Products</th><th>Quantity (MT/ Month).</th></tr><tr><td>a) Fire Retardant Resin</td><td>150</td></tr><tr><td>b) GELCOATS</td><td>100</td></tr><tr><td>Total</td><td>250</td></tr></table></td></tr>
<tr><td>7.</td><td>TOR issued? (If yes then specify the details)</td><td>Yes.
ToR with Public hearing issued vide Lr. No. SEIAA-TN/F.No. 7414/SEAC/5(f)/TOR-1142/2020 dt:13.04.2022.
Minutes of Public Hearing held on 14.09.2022.</td></tr>
<tr><td>8.</td><td>a) Water requirement</td><td>Total water requirement – 7.22 kLD
Fresh water requirement – 4 kLD
Recycled water – 3.22 kLD
(Cooling Tower – 1.62 kLD & Green belt – 1.62 kLD)</td></tr>
</table>

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<table>
<tr><td></td><td>b) Source of water</td><td>SIPCOT</td></tr>
<tr><td>9.</td><td>Sewage/ Effluent generation, & mode of treatment</td><td>Effluent Generation - 2.62 kLD
ETP capacity – 5kLD
1. Bar Screen chamber
2. Collection Tank
3. Oil skimmer
4. Flash Mixer Tank
5. Clarifier Tank
6. Clarified Water storage tank
7. Sludge Holding Tank
8. Centrifuge
9. Stripper
10. MEE with condenser
11. ATFD
12. Treated Effluent Storage Tank</td></tr>
<tr><td></td><td></td><td>Sewage generation – 1.6 kLD
STP capacity - 2 kLD
1. Collection tank
2. Packaged STP with Screen Chamber, Anaerobic Media chamber, moving bed chamber, Sedimentation Tank & Filter feed tank.
3. Filter feed pump
4. Pressure sand filter
5. Activated carbon filter
6. Hypo Dosing
7. Treated Water tank</td></tr>
<tr><td>10.</td><td>Treated Sewage/ Effluent - Mode of disposal</td><td>Treated Sewage – 1.6 kLD for Greenbelt.
Treated effluent –1.62 kLD for Cooling Tower.</td></tr>
<tr><td>11.</td><td>Air Pollution Control Measures (Stack)</td><td><table><tr><th>Emission Source</th><th>APC Measures</th><th>Stack / Chimney Height (m)</th></tr></table></td></tr>
</table>

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		Thermic Fluid Heater – 3 Nos. 1 Lakh K.Cal/hr 4 Lakh K.Cal/hr 8Lakh K.Cal/hr	Stack	40
		DG Set – 63 KVA – 1No.	Acoustic Enclosures with stack	30
		DG Set – 125 KVA – 1No.	Acoustic Enclosures with stack	30
		DG Set – 250 KVA – 1No.	Acoustic Enclosures with stack	30

12. Quantity of Solid Waste generated per day (in Kgs), & Mode of treatment and Disposal of Solid Waste

Construction Phase:

Waste	Quantity (kg/day)	Collection Method	Treatment / disposal method
Bio Degradable	2.5	Bins	Disposed through Common facility of Industrial Park
Non Bio Degradable	1.5	Bins	Disposed through Authorized recyclers

Operation Phase:

Waste	Quantity (kg/day)	Collection Method	Treatment / disposal method
Bio Degradable	12	Bins	Disposed through Common facility of Industrial Park
Non Bio Degradable	8	Bins	Disposed through Authorized recyclers
STP Sludge	0.5ws	Bins	Dried and used as manure for green belt development

13. Hazardous waste Generation & Mode of

Category No.	Quantity (TPA)	Mode of Treatment and Disposal
5.1 Used or spent oil	0.840	Disposal through TNPCB Authorized recyclers.

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	Treatment and Disposal.	23.1 – Organic Waste residue from process	0.540	Disposal through Authorized TSDF for land fill / Co-processing to Cement Industries.
		35.1 Saturated Hydro carbon.	100 kg/month	Disposal through TNPCB Authorized recyclers for regeneration.
		33.3 Empty Barrels / Containers / Liners contaminated with Hazardous chemicals / wastes.	7.80	Disposal through TNPCB Authorized recyclers.
		35.3 Chemical sludge from waste water treatment	0.5 kg/Day	Disposal through TNPCB Authorized TSDF for land fill
		35.3 Chemical sludge from waste water treatment	1 kg/Day	Disposal through TNPCB Authorized TSDF for land fill
14.	Power requirement	200kW from TNEB through SIPCOT. Stand By - DG sets - 3 Nos. (63 KVA, 125 KVA & 250 KVA - 1 No.each.)		
15.	Details of man power	Construction Phase - 10 Nos. Operational Phase – 45 Nos.		
16.	Green belt Area	2008.62 Sq.m (0.5 Acres) 33.3% No. of trees proposed – 500 Nos.		
17.	Provision for rain water harvesting	Rain water harvesting pits – 9 Nos.		
18.	EMP Cost (INR)	Capital cost- Rs. 128.5 Lakhs Recurring cost - Rs. 8.2 Lakhs per annum.		
19.	CER Cost	Rs. 15 Lakhs and the amount shall be spent for Solar Lighting in **Govt. Primary School, Vengadu**		

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Based on the presentation made and documents furnished by the project proponent, SEAC decided **to recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:

1. The project proponent shall provide the Green belt area not less than 33.3% of the total land area including OSR area all along the periphery of the unit and maximum green belt shall be maintained in the down wind direction as reported. Selection of plant species shall **(As per Appendix)**.
2. The project proponent shall provide STP of capacity 2 KLD and treated sewage shall be utilized for green belt after meet out the discharge standards prescribed by the CPCB/TNPCB.
3. The project proponent shall provide ETP of capacity 4 KLD with ZLD system (MEE followed by ATFD).
4. The proponent shall provide, operate and maintain adequate Air-pollution control measures for the process area.
5. The proponent shall provide and maintain continuous monitors within and around the premises and ensure that VOC levels are within permissible limits.
6. The proponent shall obtain and maintain valid safety licenses at any time for boiler/Thermic fluid heater, solvent/fuel/raw material/products storage areas etc from the concerned departments before obtaining CTO from TNPCB.
7. All the recommended preventive and safety measures by the concerned authority for the dedicated solvent/fuel/raw material/products storage areas & boiler/Thermic fluid heater shall be completed before obtaining CTO from TNPCB.
8. All the solvent/fuel/raw material/products shall be stored within the permitted storage quantity at any time.

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9. The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended for the handling and disposal of Hazardous waste to be generated.
10. The proponent shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/ equipment/utilities for operation &maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.
11. A detail report on the safety measure and health aspects including periodical audiometry, pulmonary lung function etc. test reports once in a year for all the workers shall be submitted to TNPCB.
12. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health Centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
13. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
14. The proponent shall install solar panels 100% roof top area excluding air& light vent.
15. As accepted by the Project Proponent the CER cost is Rs. 15 lakhs and the amount shall be spent before obtaining CTO from TNPCB, for Solar Lighting in **Govt. Primary School, Vengadu.**

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Agenda No: 343-04
(File No: 8029/2022)
Proposed construction of slum tenement at S. F. No. 75/1A, 80, 81 & 94, Periyanaickenpalayam Village, Coimbatore North Taluk, Coimbatore District Tamil Nadu by M/s. Tamil Nadu Housing Board – For Amendment in Environmental Clearance (SIA/TN/MIS/294709/2022 dated 02.12.2022)

The proposal was placed for appraisal in this 343rd meeting of SEAC held on 05.01.2023. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- Tamil Nadu Housing Board has obtained **Environmental Clearance** vide EC Letter No. SEIAA-TN/F.No.8029/EC/8(a)/749/2020 dated 16.03.2021 for Proposed construction of 1800 Slum Tenements in 18 Blocks (G+4 floors) with total builtup area of 67,050.72 sq.m.
- As per Environmental Clearance, the grey water generation of 652 KLD will be treated in Grey Water Treatment Plant of 700 KLD and the sewage generation of 414 KLD will be treated in Sewage Treatment Plant (STP) of 450 KLD capacity based on MBBR Technology.
- Now the PP has applied for amendment for STP 1.2 MLD of RBC Technology was submitted vide **SIA/TN/MIS/294709/2022** dated 02.12.2022.

Description	AS PER EC	Amendment sought
Brief description of the project	Proposed construction of 1800 Slum Tenements in 18 Blocks (G + 4 Floors)	Proposed construction of 1800 Slum Tenements in 18 Blocks (G + 4 Floors)
Land area	43,746.16 Sq.m	43,746.16 Sq.m
Builtup area	67,050.72 Sq.m	67,050.72 Sq.m
Cost of Project	Rs. 184.34 Crores	Rs. 184.34 Crores
Expected Occupaneies	9,905 Nos.	9,905 Nos.

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(including visitors)		
Water requirement KLD with source	Total water requirement – 1229 KLD Fresh water requirement – 815 KLD (TWAD) Flushing – 414 KLD	Total water requirement – 1229 KLD Fresh water requirement – 815 KLD (TWAD) Flushing – 414 KLD
Quantity of Sewage KLD	**Grey Water Generation – 652 KLD** **Sewage Generation – 414 KLD**	**Sewage Generation – 1066 KLD**

Based on the presentation & documents furnished by the PP, SEAC decided to **recommend for the grant of the following amendment in the Environmental Clearance**, issued subject to following specific conditions.

[illegible]	[illegible] EC	**Amendment recommended**
Quantity of Sewage KLD	Grey Water Generation – 652 KLD Sewage Generation – 414 KLD	**Sewage Generation – 1066 KLD**

1. The PP shall operate & maintain the STP in the capacity of 1.2 MLD of RBC Technology for the period of 10 years.
2. The remaining conditions as stipulated vide vide EC Letter No. SEIAA-TN/F.No.8029/EC/8(a)/749/2020 dated 16.03.2021 are unaltered.

Agenda No: 343-05
(File No: 8132/2020)
Proposed construction of Group Housing Complex at S. No. 191/1 Pt & 191/2 Pt of Thanakankulam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu by M/s. Vascon Engineers Limited – For Environmental Clearance (SIA/TN/MIS/182004/2020 dated 04.11.2020)

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The proposal was placed for appraisal in the 343rd meeting of SEAC held on 05.01.2023.

The SEAC noted the following:

1. The Project Proponent, M/s. Vascon Engineers Limited has applied for Environmental Clearance for the Proposed construction of Group Housing Complex at S. No. 191/1 Pt & 191/2 Pt of Thanakankulam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu.
2. Earlier, the proponent was issued with ToR for the proposed construction of group housing complex with a built up area of 2,72,926 sq.m vide Lr.No.SEIAA-TN/F-531/M-XLI/TOR-144/2012 Dt.08.07.2013.
3. Now the proponent has submitted an application for Environmental Clearance for the reduced/revised built up area of 84,910.63 sq.m stating that the built-up area was revised due to the poor market conditions.

The PP was not present during the meeting. Further, the proponent vide letter dated 02.01.2023 has communicated that they wish to withdraw the proposal submitted for Environmental Clearance since they could not take up the project because of the poor market conditions.

In view of this, SEAC decided to remit the proposal back to SEIAA.

Agenda No: 343 – 06
(File No. 8201/2022)
Expansion of existing Residential Apartment complex by M/s. Puravankara Limited., at S.No: 53/3, 53/4, 53/10B, 55, 56/1, 57/2 & 57/4 of Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu – Environmental Clearance- Regarding.

The proposal was placed for appraisal in this 343rd meeting of SEAC held on 05.01.2023. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

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1. The project proponent, M/s. Puravankara Limited has applied for Environmental Clearance for the Expansion of constructed Residential Apartment complex project at S.F.Nos. 53/3, 53/4, 53/10B, 55, 56/1, 57/2 & 57/4 of Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier,
4. Total Plot area : 127570 .85 Sqm , Built up Area :1,44,596 Sqm with 1184 Dwelling units –construction completed at year 2012 (Fully occupied) –

   EC obtained Vide letter No. SEIAA/TN/EC/8(a)/006/F-20/2008. Date:24.07.2008

Now, the proposal was again placed in the 343rd SEAC Meeting held on 05.01.2023. Based on the presentation and document furnished by the project proponent, SEAC decided obtain the following additional particulars from the proponent:

i) Affidavit shall be submitted to undertake Operation & Maintenance for 10 Years.
ii) Submit the revised EMP including Solar which must cover a minimum of 50% of the roof top area.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to **direct SEIAA-TN to initiate action to be taken for violation cases in accordance with law.**

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Agenda No: 343-07
(File No: 8386/2021)
Proposed expansion of multi storied 3156 Tenements at SF.No. 479/2, 82, 483, 484, 485, 508, 509, 510, 511, 516, 517, 518, 523, 524/1, 524/2, 527, 528, 536, 537, 538, 539/2, 540, 540/1, 540/2, 541, 542, 543, 544, 546 Perumbakkam Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu by M/s. Tamil Nadu Urban Habitat Development Board (formerly known as M/s Tamil Nadu Slum Clearance Board)— For Terms of Reference. (SIA/TN/MIS/61147/2021 Dt. 24.2.2021)

Based on the PP's request the SEAC decided to take up this proposal in ensuing SEAC meeting.

Agenda No: 343-08
(File No: 8491/2021)
Proposed construction of Govt Medical Collage & Hospital Building at S. Nos.: 338/1 & 338/2 , Bollipalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s PWD - For Environmental Clearance (SIA/TN/INFRA2/206993/2021).

The proposal was placed in this 343rd SEAC meeting held on 05.01.2023. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s PWD, has applied for Environmental Clearance for the proposed construction of Govt Medical Collage & Hospital Building at S. Nos.: 338/1 & 338/2 , Bollipalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) " Building & construction Projects" of the Schedule to the EIA Notification, 2006.
3. The PP has applied for Environmental Clearance, however the SEAC noted that the construction has been started without prior Environmental Clearance

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22.	Name of the Project	Proposed Construction of Government Medical College and Hospital by M/s.Government Medical College & Hospital, Krishnagiri
23.	Location	S.F. Nos. 338/1 & 338/2 in Polupalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu
24.	Type of Project	Building and Construction projects Schedule 8(a) : ≥ 20,000 Sq.m and < 150000 Sq.m
25.	Total Area (in sq. m)	

Sl. No.	Description	Area (Sq. m.)	Percentage (%)
1	Plot Coverage	19,848.12	10.59
2	OSR Area	18,750.00	10.00
3	Road	15,175.00	8.09
4	Green belt	29,388.74	15.67
5	Open parking area	27,130.00	14.47
6	Open area	77,198.14	41.17
Total		**1,87,490.00**	**100.00**

26.	Built up area	80,265.06 Sq.m
27.	Cost of Project	Rs. 338.95 Crores
28.	Brief description of the project	The proposed construction involves 800 bedded hospital having G+6 floors with total built up area of 80,265.06 Sq.m. in the land area of 1,87,490 Sq. m. No. of Beds – 800 Nos. Expected Occupancies – 8140 Nos.

Sl. No.	Name of the Block	Floors	Area (Sq. m.)
1	800 Bedded Hospital and OP Block	G + 6	24,094.00
2	Faculty Block	G + 5	20,088.00
3	Auditorium	G + 1	2,544.60
4	Administrative Building	G + 2	1,354.41
5	Cafeteria	G	409.20
6	Library	G + 1	1,604.70
7	Workshop	G	76.20

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		8	Gymnasium	G	113.60
		9	CRRI & Residential quarters – Male	G + 6	3,591.00
		10	CRRI & Residential quarters – Female	G + 6	3,591.00
		11	Nurse Hostel	G + 1	1,405.00
		12	Kitchen	G	266.97
		13	Mortuary Block	G	439.00
		14	RMO, ARMO Quarters	G + 1	369.32
		15	Dean Quarters	G + 1	244.80
		16	Hostel – Boys	Stilt + 5	6411.00
		17	Hostel – Girls	Stilt + 5	6411.00
		18	A Type Quarters	Stilt + 6	2366.35
		19	C & D Type Quarters	Stilt + 6	3588.41
		20	Bank and Post Office	G + 1	620.40
		21	HT Panel Room & Sump Pump Room	G	676.10
		Total Built-up Area		**80,265.06**	
29.	Water requirement KLD	During Operation Phase: Total water requirement – 675 kLD Fresh water requirement – 358 kLD (Source: TWAD Board) Toilet Flushing – 237 kLD Laundry, Lab & OT – 80 kLD Greenbelt Development – 174 kLD			
30.	Quantity of Sewage KLD	Grey water Generation – 251 kLD Sewage Generation – 237 kLD Effluent Generation – 80 kLD			
31.	Details of /Sewage Treatment Plant	Grey water Treatment Plant – 300 kLD 1. Bar Screen Chamber 2. Collection cum Neutralization Tank 3. Filter Feed Tank 4. Pressure Sand Filter			

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<table>
<tr><td></td><td></td><td>5. Activated Carbon Filter
6. UV Disinfection System
7. Treated Water Tank
Sewage Treatment Plant – 250 kLD(MBBR technology)
1. Bar Screen Chamber
2. Collection Tank
3. Aeration Tank
4. Settling Tank
5. Clarified Water Tank
6. Pressure Sand Filter
7. Activated Carbon Filter
8. UV Disinfection System
9. Treated Sewage Tank
Effluent Treatment Plant – 100 kLD
1. Bar Screen Chamber
2. Collection cum Equalization Tank
3. Coagulation and Settling Tank
4. Aeration Tank
5. Clarifier Water Tank
6. Pressure Sand Filter
7. Activated Carbon Filter
8. UV Disinfection System
9. Sludge Drying Beds</td></tr>
<tr><td>32.</td><td>Mode of Disposal of treated sewage with quantity</td><td>Toilet Flushing – 237 kLD
Greenbelt Development – 174 kLD
Avenue Plantation – 100 kLD</td></tr>
<tr><td>33.</td><td>Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste</td><td><table><tr><th>Waste</th><th>Quantity</th><th>Disposal Method</th></tr><tr><td>Bio Degradable</td><td>562 kg/day</td><td>Organic Waste Converter</td></tr><tr><td>Non Bio degradable</td><td>844 kg/day</td><td>Authorized Recyclers</td></tr><tr><td>STP sludge</td><td>15kg/day</td><td>Manure in Gardening</td></tr><tr><td>Bio-medical waste</td><td>400 kg/day</td><td>Disposed to BWM Authorized Vendor</td></tr></table></td></tr>
<tr><td>34.</td><td>Power requirement</td><td>1700 kVA from TANGEDCO</td></tr>
</table>

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35.	Details of D.G. set with Capacity and Stack Height	5 Nos. of 250 kVA and 3 Nos. of 125 kVA capacities of DG sets with stack height of26m
36.	Details of Parking Area	Car parking – 1200 Nos. 2-Wheeler parking – 2250 Nos Ambulances – 10 Nos
37.	Details of Green Belt Area	29,388.74 Sq.m
38.	Provision for rain water harvesting	Rainwater sump capacity – 100 cu.m Recharge pits – 110 Nos.
39.	EMP Cost (Rs.)	Capital Cost – Rs. 963.82 Lakhs Operation & Maintenance Cost – Rs. 105 Lakhs per annum
40.	CER activities with the specific allocation of funds	Rs. 678 Lakhs

The SEAC noted that, the MoEF&CC has issued office memorandum Dated 28thJanuary, 2022 regarding observation of Hon'ble Supreme Court with reference to theSoP dated 7th July 2021 for identification and handling of violation cases under EIANotification 2006 and stated that "*93. The interim order passed by the Madras High Court appears to be misconceived. However, this Court is not hearing an appeal from that interim order. The interim stay passed by the Madras High Court can have no application to operation of the Standard Operating Procedure to projects in territories beyond the territorial jurisdiction of Madras High Court. Moreover, final decision may have been taken in accordance with the Orders/Rules prevailing prior to 7th July, 2021.*"

Based on the presentation & documents furnished, since the PP has started the project without obtaining EC and has also not applied during the window period, this has to be treated as violation case. Hence SEAC decided to issue following Terms of Reference along with submission of assessment of ecological damage, remediation plan and natural and community resource augmentation plan, as per Notification vide S.O. 804(E) Dt.14.3.2017. Mere preparation of EIA report will not entitle the PP to EC which will be based on the final Judgement of the Hon'ble High Court of Madras in the matter W.P.(MD)No.11757of 2021.

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1. The future proposed are shall be covered with Green belt. In this regard the PP shall incorporate the green belt layout in EIA Report.
2. The proponent must submit the final survey number and built-up area excluding the institutional building along with EIA Report.
3. The proponent must submit the sample analysis report obtained from TNPCB/Accredited labs till date.
4. The proponent must collect sample every month from 30.12.2022 and submit the report of sample analysis along with EIA Report.
5. The proponent must follow BMW rules 2016 and shall furnish the details regarding BMW waste handling process and agreement signed for scientific disposal of BMW waste generated along with EIA Report.
6. The proponent must submit the details regarding the capacity of treatment plant existing and the actual generation of Waste water, Solid Waste, Bio Medical Waste along with EIA Report.
7. The proponent must increase the green belt cover to 30% - Avenue Plantation.
8. The solar panel must be provided such that minimum 50% of the roof area must be covered.
9. The proponent shall create a creche and playground for the children in the area demarcated as OSR and submit the details along with EIA Report.
10. Copy of the village map, FMB sketch and "A" register shall be furnished.
11. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
12. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
13. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.
14. Commitment letter from competent authority for supply of water shall be furnished.

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15. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
16. Details of the Solid waste management plan shall be pre pared as per solid waste management Rules, 2016 and shall be furnished.
17. Details of the E-waste management plan shallbepreparedasperE-wasteManagementRules,2016andshallbefurnished.
18. Details of the Rain water harvesting system with cost estimation should be furnished.
19. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
20. The proposed OSR area should not be included in the activity area. The OSR area should not be taken in to account for the green belt area.
21. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15%of the total land area of the project.
22. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.
23. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.

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24. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.
25. The proposal for utilization of at least 40% of Solar Energy shall be included in the EIA/EMP report.
26. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.IIIdated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC.

Agenda No. 343 - 09.
(File No: 8534/2021)
Proposed Expansion of Active Pharmaceutical Ingredients (Bulk drug and Intermediate) at existing facility at S.F No 44/2,45/2,46,88/2B,47/5B2 & 89/2 Ernavoor Village,Thiruvottiyur Taiku,Thiruvallur District, Tamil Nadu by M/s Piramal Pharma Limited - For Environmental Clearance (SIA/TN/IND2/207049/2021 Dt: 30.03.2021)

The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s Piramal Pharma Limited has applied for Environmental Clearance for the proposed expansion of Active Pharmaceutical Ingredients (Bulk drug and Intermediate) at existing facility at S.F No 44/2,45/2,46,88/2B,47/5B2 & 89/2 Ernavoor Village,Thiruvottiyur Taluk,Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(f) "Synthetic Organic Chemicals" of the Schedule to the EIA Notification, 2006.
3. MoEF&CC Notification vide S.O. 2859(E) Dt: 16.07.2021 to consider API Manufacturing industries under B2 Category.

During the meeting the Committee noted that the project proponent is absent

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during the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 343 -10.
(File No:8688/2021)
Proposed development of Multi-Modal Logistics Park (MMLP) at SF.No. 1059/3)-(1059/7),1060,1055/1,1055/2, 1054, 1061/3, 1052/1, 1048A/1, 1066/9B3, 1066/9B6, 1066//9A3, 1066/9B2, 1053, 1048/A1, 1048/A6, 1048/A3, 1051, 1050/1, 1050/2, 1067/2, 1351, 1048B, 1049/1, 1049/2, 1101/1, 1101/2, 1051/21048/A1, 1048/A3,1048/A6, 1048/B, 1049/1,1049/2, 1050/1,1050/2, 1051, 1052/1, 1053, 1061/3, 1060, 1054, 1055/1, 1055/2, 1059/3, 1059/7, 1066/9B3,1066/9B6, 1066/9A3, 1066/9B2, 1067/2, 1103, 1104, 1105, 1351, 1355, 1356, 1357, 1358, 1361/3, 1362,1363, 1376, 1375, 1228, 1230, 1229 of Mappedu, Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by M/s. National Highway Authority of India - for Environmental Clearance (SIA/TN/INFRA2/402987/2022 Dt:14.10.2022)

The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s National Highway Authority of India has applied for Environmental Clearance along with EIA/EMP report for the proposed development of Multi-Modal Logistics Park (MMLP) At SF.No. 1104, 1105, 1355, 1356, 1357,1358,1362,1363, 1376,1375,1228,1230,1229 of Mappedu Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(b)" Township & Area development" of the Schedule to the EIA Notification, 2006.
3. Proposal seeking ToR vide proposal No. SIA/TN/MIS/64518/2021 Dt: 25.2.2022.
4. ToR issued vide Lr.No. SEIAA-TN/F.No. 8688/SEAC/8(b)/ToR-1096/2021 dated:18.03.2022 was issued for the proposed development of Multi-Modal Logistics Park (MMLP) with a total plot area of **64.515 Ha**. Phase I includes development of Warehouse, common utilities, CFS and gate complex in 16.15 Ha, Phase II includes railway connectivity and construction of bridge to bypass the

existing SH traffic in 17.365 Ha. The state of art operation of the MMLP which includes the Warehouse, railway yard, Ro-Ro yard, CFS which will boost the economy of the region and the eastern part of railway yard & automobile yard will be developed in phase 3 with 25.25Ha and phase 4 involves the western part of the railway yard will be developed in 5.65Ha

5. Now, the PP has submitted EIA/EMP report along with Public Hearing vide proposal No. SIA/TN/INFRA2/402987/2022 Dt: 14.10.2022 and hard copy submitted to this office on 05.12.2023 for the proposed development of Multi-Modal Logistics Park (MMLP) with a total plot area of 74.57 Ha with total built-up area 152995 Sq.m at SF. No. 1059/3)-(1059/7),1060,1055/1,1055/2, 1054, 1061/3, 1052/1, 1048A/1, 1066/9B3, 1066/9B6, 1066//9A3, 1066/9B2, 1053, 1048/A1, 1048/A6, 1048/A3, 1051, 1050/1, 1050/2, 1067/2, 1351, 1048B, 1049/1, 1049/2, 1101/1, 1101/2, 1051/21048/A1, 1048/A3,1048/A6, 1048/B, 1049/1,1049/2, 1050/1,1050/2, 1051, 1052/1, 1053, 1061/3, 1060, 1054, 1055/1, 1055/2, 1059/3, 1059/7, 1066/9B3,1066/9B6, 1066/9A3, 1066/9B2, 1067/2, 1103, 1104, 1105, 1351, 1355, 1356, 1357, 1358, 1361/3, 1362,1363, 1376, 1375, 1228, 1230, 1229 of Mappedu Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu.

PROJECT DETAILS		
SL No	**Description**	**Details**
1)	Name of the Project proponent and address	National Highway Authority of India No. 7/16, Govindarajan Street, Tambaram West, Kancheepuram District, Tamil Nadu.
2)	Proposed Activity	Proposed development of Multi-Modal Logistics Park (MMLP) with a total plot area of 74.57 Ha with total built-up area 152995 Sq.m.
3)	Schedule No.	8(b)
4)	**Project Location**	
	i)Survey No	(1059/3)-(1059/7),1060,1055/1,1055/2, 1054, 1061/3, 1052/1, 1048A/1, 1066/9B3, 1066/9B6, 1066//9A3, 1066/9B2, 1053, 1048/A1, 1048/A6, 1048/A3, 1051, 1050/1, 1050/2, 1067/2, 1351, 1048B, 1049/1, 1049/2, 1101/1, 1101/2, 1051/21048/A1, 1048/A3,1048/A6, 1048/B, 1049/1,1049/2, 1050/1,1050/2, 1051, 1052/1, 1053, 1061/3, 1060, 1054, 1055/1, 1055/2,

		1059/3, 1059/7, 1066/9B3,1066/9B6, 1066/9A3, 1066/9B2, 1067/2, 1103, 1104, 1105, 1351, 1355, 1356, 1357, 1358, 1361/3, 1362,1363, 1376, 1375, 1228, 1230, 1229
	ii)Revenue Village	Mappedu Village
	iii)Taluk	Tiruvallur Taluk
	iv)District	Tiruvallur
5)	Latitude & Longitude Topo sheet No.	13° 0'46.72"N to 13° 1'58.68"N 79°53'3.45"E to 79°53'31.52"E D44N116 (57O/16), D44T13 (57P/13)
6)	Project Cost	Rs.782.52 Crores
7)	Area of the Land	74.57 Ha
8)	Total Built up Area	152995 Sq.m.

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9) **Land Use Breakup:**

S. No	Description	Area (Ha)	% of Total Area
1.	Exim Zone	2.40	3.2
2.	Domestic Zone	29.31	39.3
3.	Open Stacking Zone	1.53	2.1
4.	Transportation Zone	2.44	3.3
5.	Railway Zone	8.86	11.9
6.	Common Facilities	3.00	4.0
7.	Roads	9.00	12.1
8.	Green Belt	9.72	13.0
9.	Other Facilities & Utilities	8.31	11.1
	Total	**74.571**	

Project Development Phase Wise:

Project development phase	Area (Acres)	Area (%)
Phase1	64.25	34.87
Phase2	56.09	30.44
Phase3	63.93	34.69
Total	184.27	100

Project Activity Break-up:

S.No.	Activities	Phase 1	Phase 2	Phase 3	Total
		Area (acres)	Area (acres)	Area (acres)	Area (acres)
A.	**Core Warehousing Facilities**	**40.46**	**35.71**	**43.48**	**119.65**
1	Closed Warehousing Area	18.99	-	20.73	39.72
2	Paved Area around Warehouses	21.20	9.89	22.75	53.84
4	Bonded & Transit Warehouse-CFS	-	0.98	-	0.98
5	Common Workshop (For Container & Railway)	0.27	-	-	0.27
7	Railway Handling Area	-	24.84	-	24.84
B.	**Support Logistics Facilities**	**0.31**	-	**0.10**	**0.41**
2	Lodging & Boarding	0.10	-	0.10	0.20
3	Truckers Rest Room & Labour Toilets	0.21	-	-	0.21
C.	**Administrative, and Other Amenities**	**0.79**	**0.05**	-	**0.84**
1	Admin & Canteen Buildings	0.60	-	-	0.60
2	Custom office	0.04	-	-	0.04

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3	Gate Complex	0.15	0.05	-	0.20
D.	**Commercial Zone**	**2.26**	**-**	**0.76**	**3.02**
1	Commercial Centre	0.56	-	0.55	1.11
2	Shopping Complex	0.22	-	0.21	0.43
3	Petrol Pump & EV Station	1.48	-	-	1.48
E.	**Site Development**	**1.88**	**3.37**	**3.63**	**8.88**
1	MMLP Boundary Wall	1.56	0.49	1.53	3.58
2	Rainwater Harvesting	0.09	1.89	1.82	3.81
3	Existing Bore Well Re-Location	0.08	-	-	0.08
4	Retaining Wall - Filling Side	0.15	0.99	0.27	1.41

S.No.	Activities	PHASE 1	PHASE 2	PHASE 3	PHASE 4
		Area (acres)	Area (acres)	Area (acres)	Area (acres)
F.	**Utilities**	**7.09**	**6.44**	**5.67**	**19.20**
1	Potable Water Supply System	0.82	0.79	0.69	2.30
2	Storm Water Drainage System	2.97	2.83	2.49	8.29
3	Fire water networking system	0.90	0.79	0.69	2.38
5	Sewage Collection System	0.93	0.79	0.69	2.41
6	Internal Electrical Supply System	0.79	0.69	0.61	2.09
7	Street Lighting	0.20	0.17	0.15	0.52
8	Telecommunication & Data Networks	0.35	0.33	0.29	0.97
9	Public Addressing and CCTV System	0.06	0.06	0.05	0.17
10	Fire Station	0.07	-	-	0.07

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G.	**Road and Transportation**	**11.46**	**10.52**	**10.29**	**32.27**
1	Internal Roads	9.54	9.71	7.17	26.42
2	Weigh Bridges	0.50	0.05	0.27	0.82
3	Truck Parking Area	1.42	0.77	2.85	5.04
	TOTAL	**64.25**	**56.09**	**63.93**	**184.27**

F.A.R proposed	0.20
Maximum height	12.00 m (Admin Building)
Number of floors (for building other than ware houses)	Most of the building are having Ground floor only except Admin Building which is G+2 floor
Parking	4 parking slot for truck parking : Area- 2.54 Ha Separate parking slot for visitors' vehicles : Area- 0.213 Ha

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10) Total water requirement for the project – 325 kLD.
Fresh water requirement – 205 kLD
Recycled water – 120 kLD.

Project development phase	Cleaning/ Washing & Other	Greenbelt water demand	Total fresh water demand	Recycled Water Demand	Total Water Demand
Phase1	35	14	71	42	113
Phase2	30	12	63	36	99
Phase3	35	14	71	42	113
Total	100	40	205	120	325

11)	Source of water	Mappedu Village Panchayat & TWAD.
12)	Sewage Generation	132 kLD
13)	Sewage Treatment	STP – 150 kLD STP Components: (MBBR Technology) 1. Collection tank 2. Screen Chamber 3. Anaerobic media chamber 4. Moving bed aerobic chamber 5. Sedimentation Tank 6. Filter feed tank. 7. Filter feed pump 8. Pressure sand filter 9. Activated carbon filter 10. Treated Water tank
14)	Quantity of Treated Waste Water & Mode of Disposal	Total treated sewage – 120 kLD Treated Sewage for Toilet flushing – 21 kLD. Treated Sewage for Green Belt – 99 kLD.

15) Solid Waste Management:

TYPE OF WASTE	DETAILS	MODE OF DISPOSAL
Construction or demolition waste	Construction waste: 2622.7 TPA Demolition waste: 55 TPA	To be used for levelling purpose in and around the project site.
Municipal waste, i.e., biodegradable and recyclable waste	Biodegradable Waste: 175.2 TPA (0.48 tons/day)	OWC to be provided & manure generated to be used as compost within the premises for gardening.

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		Inert/ Non-Biodegradable waste: 116.8 TPA (0.32 tons/day)	Recyclable waste to be handed over to authorized recyclers; non-recyclable to be disposed via Government Approved Agency
	Hazardous waste	Used Oil (5.1) - 5 TPA	To be sent to authorised recyclers
	E-waste	4.6 TPA	To be sent to authorised recyclers

16)	Power requirement	3 MVA from TANGEDCO/TNEB
	Backup power supply Arrangement	DG sets – 2 Nos. of 1500 kVA with adequate enclosures followed by stack height of 30m each.
17)	Rain water Harvesting	**8 Nos. oF RWH Storage Tank - 9600 cum** **Proposed RWH pits – 67 Nos.**
18)	Total Green Belt Area	**11.66 Ha** Green belt area within the proposed project Site – 9.72 Ha. Green belt area proposed through Avenue Plantation – 1.94 Ha. **Break-up of No. of Trees:** Total No. of Trees existing within the proposed Site – 7300 Nos. No. of trees to be cut – 5750 Nos. No. of remaining Trees - 1550 Nos. No. of Saplings to be planted within / Avenue plantation for cutting of each existing tree – 57500 Nos.

Block No.	Area	Unit	Location	Co-ordinates	
				E	N
Green area development within the project premises					
1	4751.01	m2	Green area within project premises - (9.72 Ha)	379769.136	1438837.675
2	3607.24	m2		379411.946	1439158.896
3	5045.48	m2		379523.947	1439126.275
4	808.18	m2		379534.651	1439427.085
5	2827.43	m2		379440.545	1439536.996

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6	1419.27	m2		379696.361	1439569.39
7	484.59	m2		379527.891	1439622.05
8	1556.84	m2		379565.799	1439748.612
9	24736.85	m2		379294.806	1439747.42
10	8320.77	m2		379401.484	1439929.295
11	6376.58	m2		379245.761	1440123.199
12	6467.95	m2		379676.198	1440188.653
13	4345.03	m2		379301.782	1440466.549
14	7972.10	m2		379847.083	1440442.161
15	10426.49	m2		379438.47	1440533.65
16	8069.08	m2		379105.929	1440745.931
Total A	97214.89	m2			
Outside the Project premises					
a1	5995.27	m2	Highway Median (0.59 Ha)	380005.202	1439491.835
a2	13546.75	m2	Railway track side green area (1.35 Ha)	378864.154	1441208.739
Total B	19542.02	m2			

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		Total A+B	**116756.91**	**m2**	**Total Green Area - 11.67 Ha**
19)	**EMP Capital cost**	**Capital Cost: Rs. 62.61 Crores** **Recurring cost: Rs.1.25 crores/Annum**			
20)	CER Cost	Rs.2 Crores to DFO, concerned District (Rs.1 Crore Each) as conservation measures /development of Pulicat Lake & Karaivetti Bird Sanctuary before obtaining CTO from TNPCB.			

Based on the presentation & documents furnished by the PP, SEAC decided to **recommend the proposal for the grant of Environmental Clearance**, subject to the standard conditions & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions.

1. **The project proponent shall start establishment only after complete alienation and Acquisition of Private lands, &Govt. lands of the proposed project site in concurrence with the competent authority as committed before obtaining CTO from TNPCB.**
2. The project proponent shall provide the Green belt area not less than 15% of the total land area all along the periphery of the unit including avenue plantation @ NH median area and maximum green belt shall be maintained in the down wind direction as reported. Selection of plant species shall **(As per Appendix)**.
3. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the TNPCB/CPCB.
4. The project proponent shall not accommodate industries attracting & Non-attracting EIA, Notification 2006 as amended within the proposed Multi-Modal Logistics Park (MMLP) expect proposed activities related to the logistic park.
5. The proponent shall provide and maintain green energy fuel-based Generator sets instead of Diesel based generators regard to climate change initiatives as committed before obtaining CTO from TNPCB.
6. The proponent shall obtain permission/execute agreement for supply of fresh water requirement through local Village panchayath as committed before obtaining CTO from TNPCB.
7. No ground water shall be extracted without the prior permission of CGWA/SGWA.

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8. The proponent shall transplant the existing trees and shall also plant saplings in (1:10) ratio for cutting of each existing tree within and along the boundary of the proposed site including No. of avenue plantation as committed before obtaining CTO from TNPCB.
9. The proponent shall install solar panels 100% on the roof top area excluding space required for air & lighting as committed before obtaining CTO from TNPCB.
10. The proponent shall provide and maintain CAAQM stations at all four corners of the proposed project site for the parameters as prescribed by TNPCB and shall connect the same to Care Air Centre (CAC), TNPCB as committed before obtaining CTO from TNPCB.
11. The proponent shall provide total ponds like temple ponds of 4 Nos. on the South & North land parcels 2 Nos. each direction of adequate size considering highest annual rainfall per hour as a water conservation measure & storm water management plan within the proposed project site.
12. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
13. The height of the stacks of DG sets shall be provided as per the CPCB norms.
14. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
15. The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing, green belt development & OSR and no treated water be let out of the premises.
16. The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
17. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.

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18. The proponent shall make proper arrangements for the RWH & disposal of excess storm water in and around the premises without affecting nearby surrounding areas.
19. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
20. Taller/one year old Saplings raised in appropriate size of bags; preferably eco-friendly bags should be planted in proper escapement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
21. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.
22. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
23. The project proponent shall obtain the necessary authorization from TNPCB for the proposed workshop and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
24. No waste of any type to be disposed off in any other way other than the approved one.
25. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
26. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.

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27. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.

28. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.

29. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP and revised CER shall be furnished before placing the subject to SEIAA.

30. As accepted by the PP the revised CER of Rs.2 Crores to DFO, concerned District (Rs.1 Crore Each) for raising Mangroves /development of Pulicat Lake & Karaivetti Bird Sanctuary before obtaining CTO from TNPCB.

Agenda No: 343-11
(File No: 8721/2021)
Proposed Construction of Residential Building at S.F. Nos. 17/3A1, 17/3A2, 17/3B, 18/1, 18/2, 18/3A, 18/3C, 18/4B & 21/7 of Potheri, Chengalpattu Taluk, and Chengalpattu District, Tamil Nadu by M/s P Dot G Constructions Private Limited - For Environmental Clearance. (SIA/TN/MIS/213607/2021 Dt. 31.05.2021)

The proposal was placed in 320th SEAC Meeting held on 13.10.2022. The details of the minutes are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

The SEAC noted that, the MoEF&CC has issued office memorandum Dated 28thJanuary, 2022 regarding observation of Hon'ble Supreme Court with reference to the SoP dated 7th July 2021 for identification and handling of violation cases under EIA Notification 2006 and stated that

"93. The interim order passed by the Madras High High Court appears to be misconceived. However, this Court is not hearing an appeal from that interimorder. The interim stay passed by the Madras High Court can have no application to operation of the

Standard Operating Procedure to projects in territories beyond the territorial jurisdiction of Madras High Court. Moreover, final decision may have been taken in accordance with the Orders/ Rules prevailing prior to 7th July, 2021."

The subject was placed in 565th SEIAA meeting held on 31.10.2022.

The authority noted that this proposal was placed for appraisal in 320th meeting of SEAC held on 13.10.2022 and the SEAC decided to recommend the issue of Environmental Clearance subject to certain conditions stated therein.

The authority noted as follows:

1. The Project proponent has constructed G+4 floors without obtaining Environment Clearance and has also not applied during the window period, this has to be treated as a violation case.

2. The Project proponent has applied for Environment Clearance in PARIVESH portal vide Proposal No: SIA/TN/MIS/213607/2021 dated 31.05.2021. Further, it was noted that the SEAC has recommended Terms of Reference under violation category.

Further, it is noted that

i) MoEF&CC vide O.M F.No.22-21/2020-IA.III dated 07.07.2021 has issued standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification 2006 in compliance to order od Hon'ble National Green Tribunal in O.A.No.34/2020 WZ.

ii) MoEF&CC vide O.M F.No.22-21/2020-IA.III (E 138949) dated 28.01.2022 has stated as follows:

"2. The SoP was challenged in the Madurai Bench of the High Court of Madras in the matter W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India and was interim stayed vide order dated 15th July 2021.

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3. Recently, in the Order dated 09th December 2021 in the matter of Civil Appeal Nos. 7576-7577 of 2021 in Electrosteel Steels Limited Vs Union of India and Ors., the Hon'ble Supreme Court of India has inter-alia observed the following:

"93. The interim order passed by the Madras High Court appears to be misconceived. However, this Court is not hearing an appeal from that interim order. The interim stay passed by the Madras High Court can have no application to operation of the Standard Operating Procedure to projects in territories beyond the territorial jurisdiction of Madras High Court. Moreover, final decision may have been taken in accordance with the Orders/Rules prevailing prior to 7th July, 2021.

The SEIAA decided to refer back the proposal to SEAC for the reasons stated above. Also the PP shall furnish the current status of previous file nos namely 1659, 3276, 2648 and 2655.

Now the proposal was placed in this 343rd SEAC Meeting held on 05.01.2023.

S. No	Description	Details
1.	Name of the Project	**Proposed Construction of Residential Building**
2.	Location	S. No. 17/3A1, 17/3A2, 17/3B, 18/1, 18/2, 18/3A, 18/3C, 18/4B & 21/7 of Potheri, Chengalpattu Taluk, and Chengalpattu District in the state of Tamil Nadu.
3.	Type of Project	8(a) Building and Construction project
4.	Latitude & Longitude	12°49'37.8"N 80°02'43.9"E
5.	Total Plot/land Area (in sq. m)	12,545.16 Sq.m
6.	Built up area	36,303.163 Sq.m.
7.	Cost of Project	Rs. 64 Crores

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8.	Total Built up area	

S.No	Classification of buildings	No of Floor	No of units	Total Built-up area (Sq. m)
1	Block A	S+5	50	5,875.388
2	Block B	S+4	40	4210.280
3	Block C	S+5	50	4638.865
4	Block D	S+5	85	8402.287
5	Block E	S+5	40	2770.731
6	Block F	S+5	80	6800.144
7	Block G	S+5	50	3605.468
	Total	-	**395**	**36303.163**

9.	Land Break-up	

S. No	Description	Area (Hec.)
1	Residential (50.79%)	6372.338
2	Road and Pavements (24.18%)	3033.212
3	Greenbelt Area (15.01%)	1884.10
4	OSR Area (10.02%)	1255.51
	Total Land Area (100%)	**12545.16**

10.	Sewage Treatment Plant-	i. Bar Screen Chamber ii. Oil and Grease Trap iii. Collection tank iv. Aeration Tank v. Settling Tank vi. Pressure Sand Filter vii. Activated Carbon Filter viii. Sludge Holding Tank ix. UV Disinfection Treated Water Tank 1 x. Ultra filtration Treated water tank2 xi. Filter Press

<table>
<tr><td>11.</td><td>Total STP Capacity</td><td>275 KLD</td></tr>
<tr><td>12.</td><td>a) Water requirement KLD</td><td>Fresh water requirement – 181 KLD
Flushing requirement – 95 KLD</td></tr>
<tr><td>13.</td><td>Quantity of Sewage KLD</td><td>95 KLD</td></tr>
<tr><td>14.</td><td>Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste</td><td>
<table>
<tr><th>S. No</th><th>Description</th><th>Quantity(Tons/day)</th><th>Mode of treatment / disposal</th></tr>
<tr><td>1</td><td>Biodegradable waste</td><td>0.6</td><td>OWC (Organic Waste Coverter)</td></tr>
<tr><td>2</td><td>Non-biodegradable waste</td><td>0.4</td><td>Sent to Local Panchayat</td></tr>
<tr><td>3</td><td>STP Sludge</td><td>0.0012</td><td>Utilized as a manure for green belt development</td></tr>
</table>
</td></tr>
<tr><td>15.</td><td>Power requirement</td><td>1223 KW</td></tr>
<tr><td>16.</td><td>Details of D.G. set with Capacity</td><td>300 kva (2 Nos)</td></tr>
<tr><td>17.</td><td>Details of Green Belt Area</td><td>The Total Green Belt Area :1884.10Sq.m.
(As per MOEF&CC norms 1500 trees to planted perHector)
Hence 285 trees to be planted in 0.188 Ha.</td></tr>
</table>

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<table>
<tr><td>18.</td><td>Details of Parking Area</td><td>
<table>
<tr><th>Parking Space Location</th><th>Space for Two wheeler Parking</th><th>Space for Car Parking</th><th>Total area of Parking Space Provided</th></tr>
<tr><td>Stilt Parking in Sq.m</td><td>585</td><td>2087.5</td><td>2,672.5</td></tr>
<tr><td>No vehicles</td><td>325</td><td>167</td><td>492</td></tr>
</table>
</td></tr>
<tr><td>19.</td><td>Provision for rain water harvesting</td><td>Total storm water load on the site with per 15min retention is 208 m^3
Taking the radius of 0.75 and effective depth as 2.5 m, volume of a RWH pit = 4.5m2
The 40% of the area filter material in the harvesting pits
50% of Runoff will be harvested in Pits=104
Hence no. of pits required in approx. = Total storm water load considering 15 minutes retention time / Volume of a RWH pit = 104/2.7 = 38 Pits</td></tr>
<tr><td>20.</td><td>EMP Cost (Rs.)</td><td>205 Lakhs</td></tr>
<tr><td>21.</td><td>CER activities with the specific allocation of funds</td><td>
<table>
<tr><th>S.No</th><th>Details</th><th>Locations</th><th>Amount in Lakhs</th></tr>
<tr><td>1</td><td>Providing drinking water facility and wells</td><td>Government High School Potheri</td><td>15</td></tr>
<tr><td>2</td><td>Providing Compound walls & Toilet facility</td><td>Government High School ,Kattankulathur</td><td>15</td></tr>
<tr><td>3</td><td>Providing smart class room</td><td>Government High School ,Kattankulathur</td><td>10</td></tr>
</table>
</td></tr>
</table>

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		5	Solar light Installation	Government High School Potheri	14
		6	Providing Children parkequipments	Project Site	10
		Total			**64**

The PP replied as below for the status of previous file nos namely 1659, 3276, 2648 and 2655.

S.No	Clarification	Reply
1	PP shall furnish the current status of previous file no's namely 1659, 3276, 2648 and 2655	After acquiring the ownership of M/s. P dot G Company through NCLT vide order CP/193/IB/2018, dated 13.12.2019, we have applied for EC for the below mentioned two projects only; **Project-1**: Proposed Construction of Residential Building at Old. S.F.No. 482/2A2A3, 482/2A2A4 & 482/2A2A5, New S.F.No. 482/28,29B,29C,29D,30,32, Mangadu Village, Sriperumbudur Taluk, Kancheepuram District, TamilNadu vide. File no. **2655** for EC Amendment and the file has been scheduled in the 321th SEAC meeting. The committee suggested that the project will apply under the expansion category. So we have withdrawn the EC Amendment File. **2655** from the SEIAA and applied under the expansion vide File No. **9554.** **Project-2**: Proposed Construction of Residential Building- at S. No. 17/3A1, 17/3A2,

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		17/3B, 18/1, 18/2, 18/3A, 18/3C, 18/4B & 21/7 of Potheri, Chengalpattu Taluk, and Chengalpattu District in the state of Tamil Nadu vide File.No. **8712** for New EC and the file has been scheduled in the 320th SEAC meeting. The committee suggested that the project will apply under the Violation Category. No information on the other file numbers have been shared by the erstwhile promoters of PdotG/ by the Resolution Professional. We were handed over 5 incomplete projects and information regarding the same alone was shared with us . So we do not have any knowledge about file.nos.1659, 3276 and 2648. We request you to kindly consider our application and issue the ToR under violation category.

After detailed deliberations, the **Committee decided to reiterate that its recommendation already made** in the 320th meeting of SEAC held on 13.10.2022 is subject to the outcome of the court case filed before the Hon'ble High Court of Madras (Madurai Bench) vide W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India challenging the SoP for violation proposals dated 07th July 2021 and mere preparation of EIA report will not entitle the PP to obtain the EC as it will be based on the final Judgement in the case above.

In addition to the above, the PP shall submit the following details along with EIA report,

1. **The PP shall furnish an affidavit stating that PP had stopped all the construction activities and will not carry out any further construction activities before obtaining prior EC.**

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Agenda No: 343-12
(File No: 9092/2021)
Proposed construction of IT/ITEs Building complex at SF.No.658/3, 659/1A, 659/1B, 660/1, Malumichampatti Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by M/s. Larsen & Toubro Limited- For Environmental Clearance. (SIA/TN//MIS/73405/2022Dated: 29.08.2022).

The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023.The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Larsen & Toubro Limited has applied for Environmental Clearance for the proposed construction of IT/ITEs Building complex at SF.No.658/3, 659/1A, 659/1B, 660/1 Malumichampatti Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Township & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued Vide Lr No.SEIAA-TN/F.No.9092/SEAC/8(b)/ToR-1178/2022 dated:13.06.2022.
4. Built up area - 1,71,833 Sq. m.

<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td>1.</td><td>Name of the Project</td><td>Construction of IT/ITES Building Complex by M/s. Larsen & Toubro Limited, Construction Division</td></tr>
<tr><td>2.</td><td>Location</td><td>S.F. No. 658/3, 659/1A, 659/1B, 660/1 of Malumichampatti Village, Madukkarai Taluk, Coimbatore District</td></tr>
<tr><td>3.</td><td>Type of Project</td><td>8(b) "Township & Area Development Projects"</td></tr>
<tr><td>4.</td><td>Latitude & Longitude</td><td><table><tr><th>S. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1</td><td>10°55'25.18"N</td><td>76°59'28.44"E</td></tr><tr><td>2</td><td>10°55'35.82"N</td><td>76°59'28.80"E</td></tr></table></td></tr>
</table>

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<table>
<tr><td>S. [illegible]</td><td>[illegible]</td><td colspan="2">Details</td></tr>
<tr><td></td><td></td><td colspan="2"><table>
<tr><td>3</td><td>10°55'37.56"N</td><td>76°59'35.71"E</td></tr>
<tr><td>4</td><td>10°55'33.30"N</td><td>76°59'36.57"E</td></tr>
</table></td></tr>
<tr><td>5.</td><td>Total Plot/land Area (in sq. m)</td><td colspan="2">55,451 Sq. m</td></tr>
<tr><td>6.</td><td>Built up area</td><td colspan="2">1,71,833 Sq. m.</td></tr>
<tr><td>7.</td><td>Cost of Project</td><td colspan="2">Rs. 374 Crores</td></tr>
<tr><td>8.</td><td>Total Built up area</td><td colspan="2">Construction of IT/ITES Building Complex comprises of Block 1 & Block 2 with Common Three Basement Floors (Basement 3 + Basement 2 + Basement 1) + Ground + 11 floors + Terrace Floor with total built-up area of 1,71,833 Sq.m</td></tr>
<tr><td>9.</td><td>Land Break-up</td><td colspan="2"><table>
<tr><th>Description</th><th>Area in Sq. m</th><th>Percentage (%)</th></tr>
<tr><td>Total Land Area</td><td>55,451</td><td>100</td></tr>
<tr><td>Total Ground Coverage Area of Buildings</td><td>8,450</td><td>15</td></tr>
<tr><td>Roads and Pavements Area</td><td>18,728</td><td>34</td></tr>
<tr><td>Surface Parking</td><td>1,113</td><td>2</td></tr>
<tr><td>Green Belt Area</td><td>8,872</td><td>16</td></tr>
<tr><td>OSR Area</td><td>5,545</td><td>10</td></tr>
<tr><td>Other Utilities Area</td><td>1,653</td><td>3</td></tr>
<tr><td>Vacant Area for future development</td><td>11,090</td><td>20</td></tr>
</table></td></tr>
<tr><td>10.</td><td>Sewage Treatment Plant-</td><td colspan="2">STP – 460 KLD (2 nos. of 230 KLD)
13. Bar screen
14. Equalization Tank
15. Aeration Tank
16. Secondary Clarifier
17. Clarified water tank
18. Pressure Sand Filter
19. Activated Carbon Filter</td></tr>
</table>

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<table>
<tr><th>S. No</th><th>Description</th><th>Details</th></tr>
<tr><td></td><td></td><td>20. Ultra Filtration System
21. Treated Water Tank
22. UV Disinfection System
23. Filter Press</td></tr>
<tr><td>11.</td><td>Total STP Capacity</td><td>STP – 460 KLD (2 nos. of 230 KLD)</td></tr>
<tr><td>12.</td><td>a) Water requirement KLD</td><td>Total water requirement: 636 KLD
Fresh water requirement: 226 KLD (Domestic Non Flushing) sourced from bore wells.
Treated water from treatment plant STP: 390 KLD
• (Toilet flushing – 184 KLD, Greenbelt Development – 29 KLD, HVAC – 177 KLD)</td></tr>
<tr><td>13.</td><td>Quantity of Sewage KLD</td><td>410 KLD</td></tr>
<tr><td>14.</td><td>Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste</td><td>
<table>
<tr><th>S. No.</th><th>Description</th><th>Quantity</th><th>Mode of Treatment/disposal</th></tr>
<tr><td>1</td><td>Biodegradable waste</td><td>1,485 kg/day</td><td>Treated in Organic Waste Converter (OWC) and used as manure for gardening.</td></tr>
<tr><td>2</td><td>Non biodegradable waste</td><td>990 kg/day</td><td>Sent to recyclers.</td></tr>
<tr><td>3</td><td>STP sludge</td><td>50 kg/day</td><td>Dried and processed in OWC and used as manure for gardening.</td></tr>
</table>
</td></tr>
<tr><td>15.</td><td>Power requirement</td><td>7 MVA</td></tr>
</table>

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<table>
<tr><td>16.</td><td>Details of D.G. set with Capacity</td><td>4 nos. of 2,000 KVA with stack height of 40 m above the ground level.</td></tr>
<tr><td>17.</td><td>Details of Green Belt Area</td><td>8,872 Sq.m</td></tr>
<tr><td>18.</td><td>Details of Parking Area</td><td>22,141 Sq.m (1342 Car parks, 2,683 Two Wheeler Parking)</td></tr>
<tr><td>19.</td><td>Provision for rain water harvesting</td><td>Storage Sump – 195Cu.m
Recharge Pits – 35 nos.</td></tr>
<tr><td>20.</td><td>EMP Cost (Rs.)</td><td>
<table>
<tr><th rowspan="3">Description</th><th colspan="2">Budgetary Allocation (Rs. in Lakhs)</th></tr>
<tr><th>Capital Expenses</th><th>Operational Expenses (Per Annum)</th></tr>
<tr><td>Construction Phase</td><td>127.5</td><td>79.5</td></tr>
<tr><td>Operation Phase</td><td>540.0</td><td>143.0</td></tr>
</table>
</td></tr>
<tr><td>21.</td><td>CER activities with the specific allocation of funds</td><td>
<table>
<tr><th>CER Activity</th><th>Budgetary Allocation (Rs. in Lakhs)</th></tr>
<tr><td>Fund to Tamil Nadu Forest Department for establishing protection measures towards prevention of Human-Animal conflict in Western Ghats areas.</td><td>100.0</td></tr>
</table>
</td></tr>
</table>

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC.

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1. The project proponent shall obtain IGBC Gold rating for the construction project.
2. The project proponent shall maintain minimum 15% green belt as committed.
3. The PP shall plant trees all along the boundary in the vacant area for future development.
4. The PP shall install STP on "BOT" basis to ensure its proper maintenance for 10 years.
5. The proponent shall provide adequate Organic Waste Convertor Plant facility on "BOT" basis to ensure its proper maintenance for 10 years within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
6. The project proponent shall explore the possibility of adopting air cooling HVAC system instead of water cooling system.
7. The Project proponent shall ensure that DG sets are run on minimum of 50% green energy sources instead of Diesel.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.
9. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
10. The project proponent shall provide STP of capacity 460 KLD and the total treated water shall be utilized for flushing and green belt after ensuring that the vital parameters conform to the standards prescribed by CPCB time to time.
11. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.
12. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.

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13. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

14. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

15. The unit shall ensure the compliance of land use classification fit for construction.

16. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.

17. The project proponent shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.

18. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.

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19. The Project Proponent shall comply with the provisions given under the Bio Medical Waste Management Rules, 2016, as amended at all times.

20. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.

21. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.

22. No waste of any type to be disposed of in any other way other than the approved one.

23. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.

24. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.

25. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.

26. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.

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27. Solar energy should be at least 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.

28. That the grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

29. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.

30. As accepted by the Project Proponent the CER cost is **Rs.125 Lakhs** and the amount (i) Rs.75L shall be spent to TN forest department for establishing protection measures towards prevention of Human-Animal conflict in western ghats areas (ii) 50L shall be spent to improvement of burial grounds in Coimbatore Corporation area.

Agenda No. 343-13.
(File No: 9108/2022)
Proposed additional construction of existing infrastructure facilities for Hospital, Institutional building and Hostels on plot bearing Survey Nos: S.No. 149/2 and 150/1 & 4 of Karambakkam Village, S.No. 39/2 & 4 of Chettairagaram Village and S.No.79/2, 80/2, 81 to 85, 86/2, 87 to 102, 103/2 and 104 to 109/1 & 2 of Thandalam Village of Greater Corporation of Chennai, Zone – XI, Division – 150 and S.No. 151/6, 163/5 & 6, 187/2, 188 to 221 of Ayyappan Thangal Village & S.No. 1 to 3 of Thelliyaragaram Village, Sriperumpudur Taluk , Kundrathur Panchayat Union, Kanchipuram district and In S.No. 210/1 & 4 of Vanagaram Village, Ambattur Taluk, Villivakkam Panchayat Union, Ambattur Taluk, Tiruvallur District by M/s. Sri Ramachandra Educational And Health Trust – For Environmental Clearance. (SIA/TN/MIS/71548/2022), Dt:08.08.2022.

The minutes of 299th & 321st SEAC meetings 23.07.2022 & 14.10.2022 may kindly be seen. The proposal was placed in the 326th SEAC Meeting held on 04.11.2022. The details of the minutes are available in the website (parivesh.nic. in).

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The SEAC noted the following:

1. Earlier, the PP has obtained EC vide Lr No. SEIAA /TN /F.No. 527/EC/8(b)/197/2012 Dt: 16.07.2013 & Extension of validity/Amendment vide Lr. No. SEIAA-TN/F-527/2012/A/-Ext/2016 Dt: 24.06.2016.
2. The Project proponent M/s.Sri Ramachandra Educational And Health Trust has applied for Terms of Reference for the proposed additional construction of existing infrastructure facilities for Hospital, Institutional building and Hostels vide **(SIA/TN/MIS/71548/2022),Dt:29.01.2022.**
3. The Project consists existing Built-up area of 393454.22 Sq. m & 133002.04 Sq. m. proposed Built-up area. Total Built up area after expansion 393454.22 + 133002.04 = 526456.26 Sq.m. The total land area 669604.19 Sq.m.(No additional land for the proposed expansion activity).
4. The project/activity is covered under Category "B" of item 8(b) "Building and Construction Projects" of the Schedule to the EIA Notification' 2006.
5. Auto ToR with public hearing generated on 21.04.2022. (As per paragraph 7(III) - 1(d) EIA Notification, 2006 as amended – "Public consultation is exempted for all Building /Construction projects/Area Development projects and Townships (item 8).)
6. The project proponent, M/s. Sri Ramachandra Educational and Health Trust has applied for Environmental Clearance for the proposed additional construction of existing infrastructure facilities for Hospital, Institutional building and Hostels vide online proposal (SIA/TN/MIS/71547/2013), Dt:08.08.2022.
7. Simultaneously, the project proponent vide Lr. Dt: 08.08.2022 has requested for withdrawal of online proposal (SIA/TN/MIS/71547/2013), Dt:08.08.2022 for the reasons stated therein.

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8. Now, the project proponent, M/s. Sri Ramachandra Educational and Health Trust has applied for **Environmental Clearance with EIA report** for the proposed additional construction of existing infrastructure facilities for Hospital, Institutional building and Hostels vide online proposal (SIA/TN/MIS/71548/2022), Dt:08.08.2022.

<table>
<tr><th>S. No.</th><th>Description</th><th>Details</th></tr>
<tr><td>1.</td><td>Name of the Project</td><td>Proposed Additional Construction of Existing Infrastructure Facilities For Hospital, Institutional Building And Hostels by M/s. Sri Ramachandra Educational And Health Trust</td></tr>
<tr><td>2.</td><td>Location</td><td>S.No.149/2 and 150/1 & 4 of Karambakkam Village, S.No.39/2 & 4 of Chettairagaram Village and S.No.79/2, 80/2, 81 to 85, 86/2, 87 to 102, 103/2 and 104 to 109/1 & 2 of Thandalam Village of Greater Corporation of Chennai, Zone – XI, Division – 150 and S.No.151/6, 163/5 & 6, 187/2, 188 to 221 of Ayyappan Thangal Village & S.No.1 to 3 of Thelliyaragaram Village, Sriperumpudur Taluk , Kundrathur Panchayat Union, Kanchipuram district and in S.No.210/1 & 4 of Vanagaram Village, Ambattur Taluk, Villivakkam Panchayat Union, Ambattur Taluk, Tiruvallur District, Tamil Nadu</td></tr>
<tr><td>3.</td><td>Type of Project</td><td>under B1 category of 8(b) - Township & Area Development Projects</td></tr>
<tr><td>4.</td><td>Latitude & Longitude</td><td>
<table>
<tr><th>S.No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1.</td><td>13°2'44.39"N</td><td>80°8'26.40"E</td></tr>
<tr><td>2.</td><td>13°2'15.19"N</td><td>80°8'19.10"E</td></tr>
<tr><td>3.</td><td>13°2'11.01"N</td><td>80°8'46.94"E</td></tr>
<tr><td>4.</td><td>13°2'43.21"N</td><td>80°8'44.74"E</td></tr>
</table>
</td></tr>
</table>

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<table>
<tr><td>5.</td><td>Total Area (in sq. m)</td><td>
<table>
<tr><th>S.No</th><th>Description</th><th>Existing</th><th>After Expansion</th></tr>
<tr><td>1</td><td>Total Land Area (Sq.m)</td><td>6,69,604.19</td><td>6,69,604.19</td></tr>
<tr><td>2</td><td>Total Ground Coverage Area of Building (Sq.m)</td><td>95,289.15</td><td>1,01,218.83</td></tr>
<tr><td>3</td><td>Roads and Pavements Area (Sq.m)</td><td>52,608.66</td><td>52,608.66</td></tr>
<tr><td>4</td><td>Other Utilities Area (Sq.m)</td><td>300.00</td><td>300.00</td></tr>
<tr><td>5</td><td>Surface Parking (Sq.m)</td><td>42,817.00</td><td>43,117.00</td></tr>
<tr><td>6</td><td>Green Belt & Landscaping (Sq.m)</td><td>3,83,525.00</td><td>3,83,525.00</td></tr>
<tr><td>7</td><td>OSR (Sq.m)</td><td>67,287.00</td><td>67,287.00</td></tr>
<tr><td>8</td><td>Vacant Area (Sq.m)</td><td>27,777.38</td><td>21,547.70</td></tr>
</table>
</td></tr>
<tr><td>6.</td><td>Built up area</td><td>3,75,445.03 Sq.m (Existing)

5,26,456.26 Sq.m (After Expansion)</td></tr>
<tr><td>7.</td><td>Cost of Project</td><td>Rs.1535.23 Crores (After Expansion)</td></tr>
<tr><td>8.</td><td>Brief description of the project</td><td>Proposed for construction of additional facilities such as
• Hospital Block – Oncology Block
• Warden Office & Store Block, Auditorium, Nurses Canteen
• Canteen Block, Press Building, Allied Health Centre, Visitor's hall – Eastern side between Block 9 & 10
• The faculty of engineering & technology building formerly Ladies hostel kitchen building – 3rd floor addition, Ladies student hostel
• Additional construction of 3rd floor over the existing G+2 building
• Ladies student hostel building in the existing campus</td></tr>
</table>

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<table>
<tr><td></td><td></td><td>
<table>
<tr><th>Description</th><th>Existing</th><th>Demolition</th><th>Proposed</th><th>After Expansion</th></tr>
<tr><td>Total FSI Area</td><td>3,69,368.07 Sq.m</td><td>2345.04 Sq.m</td><td>1,51,420.37 Sq.m</td><td>5,18,443.40 Sq.m</td></tr>
<tr><td>Total Non FSI Area</td><td>6076.955 Sq.m</td><td>260.4 Sq.m</td><td>2,196.305 Sq.m</td><td>8,012.86 Sq.m</td></tr>
<tr><td>Total Built up Area</td><td>3,75,445.03 Sq.m</td><td>2605.44 Sq.m</td><td>1,53,616.675 Sq.m</td><td>5,26,456.26 Sq.m</td></tr>
</table>
No. of Beds – 2500 Nos.
</td></tr>
<tr><td>9.</td><td>Occupancy</td><td>19,629 Nos. (Existing)

23,344 Nos. (After Expansion)</td></tr>
<tr><td rowspan="2">10.</td><td>a) Water requirement KLD (After expansion)</td><td>Total Water Requirement – 4,267.5 kLD

Fresh Water Requirement – 1987 kLD (Existing 1923 kLD + Proposed 64 kLD)

Recycled Water – 2280.5 kLD

Toilet Flushing – 838.39 kLD

Greenbelt – 1142.11 kLD

HVAC – 300 kLD</td></tr>
<tr><td>b) Source</td><td>CMWSSB</td></tr>
<tr><td>11.</td><td>Quantity of Sewage KLD</td><td>Effluent Generation – 2398.74 kLD (Laundry 329.8 kLD + Lab & Operation Theatre 198.05 kLD + Drinking & Cooking 99 kLD + Other Domestic 932.5 kLD + Swimming Pool 1 kLD + Toilet Flushing 838.39 kLD)</td></tr>
<tr><td>12.</td><td>Details of Sewage Treatment Plant</td><td>Combined ETP Capacity - 3000 kLD (Existing 2500 kLD + Proposed 500 kLD)

1. Collection Tank
2. Aeration Tank</td></tr>
</table>

		3. Clarifier Tank 4. Pressure Sand Filter 5. Activated Carbon Filter 6. Sludge Drying Bed 7. UV Disinfection System 8. Ultra-Filtration System 9. Filter Press
13.	Mode of Disposal of treated sewage with quantity	Toilet Flushing – 838.39 kLD Greenbelt – 1142.11 kLD HVAC – 300 kLD

14. Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste

S.No	Description	Existing Qty	After Expansion Qty	Mode of Treatment & Disposal
1	Biodegradable Waste (Kg/day)	5382.36	4491.6	Food Waste and Garden Waste will be treated in Composting vessel followed by composting pits/ Bio methanation plant within the project site used as cooking fuel for hostel. Manure generated will be used for gardening.
2	Non-Biodegradable Waste (Kg/day)	3588.24	2994.4	Waste will be sold to authorized recyclers
3	Bio Medical Waste (Kg/day)	2860.0	2860.0	Disposed to CBMWTF
	Total	11830.6	10346	Bio medical waste quantity considered as 27% in total waste
4	STP Sludge (Kg/day)	250.0	300.0	Used as a Manure for greenbelt development
5	Hazardous Waste (TPA)	2.4	2.50	Disposed to Authorized recyclers
6	E- Waste (TPA)	4.80	5.0	Disposed to Authorized Recycler

<table>
<tr><td>15.</td><td>Power requirement</td><td>
<table>
<tr><th>Existing</th><th>Proposed</th><th>After Expansion</th></tr>
<tr><td>13071 KW</td><td>4484 KW</td><td>17555 KW</td></tr>
</table>
Source of power supply: TANGEDCO
</td></tr>
<tr><td>16.</td><td>Details of D.G. set with Capacity</td><td>2 Nos. of 2000 kVA, 3 Nos. of 1500 kVA, 4 Nos. of 1000 kVA and 2 Nos. of 1010 kVA with stack height of 30 m</td></tr>
<tr><td>17.</td><td>Hazardous Waste Generation & Disposal</td><td>
<table>
<tr><th>Hazardous Waste</th><th>Existing Quantity (TPA)</th><th>After Expansion Quantity (TPA)</th><th>Disposal</th></tr>
<tr><td>5.1 - Used oil - from DG sets</td><td>2.5</td><td>2.5</td><td>Disposed to Authorized recycler</td></tr>
</table>
</td></tr>
<tr><td>18.</td><td>Details of Green Belt Area</td><td>3,83,525 Sq.m</td></tr>
<tr><td>19.</td><td>Details of Parking Area</td><td>
<table>
<tr><th>Existing</th><th>Proposed</th><th>After Expansion</th></tr>
<tr><td>42,817 Sq.m</td><td>300 Sq.m</td><td>43,117 Sq.m</td></tr>
</table>
Four Wheeler (MLCP)– 2671 Nos.

Two Wheeler – 4006 Nos.
</td></tr>
<tr><td>20.</td><td>Provision for rain water harvesting</td><td>Percolation Pits – 36 Nos.

Total Capacity – 122.4 cu.m</td></tr>
<tr><td>21.</td><td>EMP</td><td>Operation Phase:

Capital Cost – Rs.487 Lakhs.
Operational Cost – Rs.471.96 Lakhs per annum</td></tr>
<tr><td>22.</td><td>CER cost</td><td>Rs. 300 Lakhs</td></tr>
</table>

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Based on the presentation made and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** subject to the certain conditions stated therein.

Subsequently, the proposal was placed in the 571st Authority meeting held on 21.11.2022. The authority noted that though the Auto ToR has been generated, additional ToR has not been stipulated for additional studies for the proposed expansion activity. In this connection, the authority after detailed discussions, decided to refer back the proposal after the receipt of the following additional particulars in regard to proposed expansion activity as follows

i) Gap analysis study for the treatment & disposal of BMW waste generated from the proposed expansion activity.

ii) The PP shall furnish study report and action plan for anticipated/vagaries climate Change.

iii) The PP shall furnish action plan to mitigate release of Greenhouse gases (GHG), & rise in Temperature, carbon foot prints to provide health comforts to patients.

iv) The PP shall furnish elaborated action plan for handling & mitigation of radioactive waste & Hazardous waste generated.

v) The PP shall furnish anticipated fresh water requirement per bed for the proposed expansion activity and action plan in regard to water conservation measures for reducing toxic impact in the area.

vi) The PP shall furnish anticipated action plan for treatment of hospital effluent carrying microorganism, bacteria, helminths, and other pathogens.

vii) Colour code wise breakup details on Biomedical waste generation for the proposed expansion activity and handling strategy of the same to ensure public health.

viii) Details of Energy efficiency audit within the proposed hospital premises.

ix) As per presentation it was noted that proposed solid waste generation for expansion activity is lower than existing activity. Hence, the PP Shall furnish clarification on the same.

x) To submit the strategies that will be adopted to make it carbon neutral or zero

xi) carbon building & decarbonize the building and reduce temperature.

xii) To submit the strategies that will be adopted to reduce electricity demand and consumption.

xiii) The proponent is requested to submit the details regarding the methodology that will be adopted to effectively implement the SWM 2016, Plastic Waste Management 2016, and E – Waste 2016.

xiv) To furnish the details regarding the area coverage of solar panels and contribution to the grid from the solar panel proposed.

xv) To furnish details of impact of hospital wastes on Soil, Ground water, nearby water bodies (Porur Lake @ 0.65 km).

xvi) Detailed plan to lower concentration ranges of discharge of antibiotics into environment endangering public health.

In this connection, the PP has furnished reply Dt:27.12.2022 and the proposal was again placed in this 343th SEAC meeting held on 05.01.2023.

The committee carefully examined the points raised by SEIAA and the replies given by the PP and decided to reiterate its recommendation already made in 326th Meeting of SEAC held on 04.11.2022. All other conditions stipulated in the earlier minutes will remain unaltered.

Agenda No: 343-14
(File No: 9119/2022)
Proposed Expansion of IT/ITES development at S.No. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1, 123/2, 123/3, 124/1, 124/2, 124/3, 125/1A1, 125/1A2, 125/1A3, 125/1B1, 125/1B2, 126, 127/2, 128/1 & 128/2 of Ramapuram Village, Maduravoyal Taluk and S.No.25/1, 26/1, 27/1 of Manapakkam village, Alandur Taluk, Chennai District, Tamil Nadu by M/s. Larsen & Toubro Limited - For Environmental Clearance (SIA/TN/MIS/82035/2022, dated 17-08-2022)

The proposal was placed in 343rd SEAC meeting held on 05.01.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Larsen & Toubro Limited has applied for Environmental Clearance for the Proposed **Expansion of IT/ITES development at**

S.No. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1, 123/2, 123/3, 124/1, 124/2, 124/3, 125/1A1, 125/1A2, 125/1A3, 125/1B1, 125/1B2, 126, 127/2, 128/1 & 128/2 of Ramapuram Village, Maduravoyal Taluk and S.No.25/1, 26/1, 27/1 of Manapakkam village, Alandur Taluk, Chennai District, Tamil Nadu.

2. The project/activity is covered under Category "B" of item 8(b) "Township and Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. The proposed development involves a total plot area of 89600 Sq.m and a total built-up area of 670790.47 Sq.m.

Earlier, the proposal was placed in the 326th meeting of SEAC held on 05.11.2022. Based on the presentation and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance.**

Subsequently, the subject was placed in 571st SEIAA meeting held on 21.11.2022 & 22.11.2022.

Authority, after reviewing the documents and the Certified Compliance Report submitted by the proponent, decided to refer back the proposal to SEAC after obtaining the following from the project proponent:

i) The proponent shall submit the flood inundation letter obtained from the Public Works Department.
ii) As per condition no.21 of PART A under PART-III of the EC issued earlier vide letter dated.23.08.2021, the proponent shall deposit the EMP cost of the earlier project in a nationalized bank by opening separate account and a proof for the same shall be submitted at the O/o SEIAA-TN.
iii) The proponent shall furnish clarification for commencing the project without obtaining CTE from TNPCB.
iv) The proponent shall furnish action taken reports with respect to conditions 19, 20 and 22 of PART A under PART-III of the EC issued earlier vide letter dated.23.08.2021.

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v) The proponent shall re-upload the KML file in the PARIVESH Portal since the one already available in the portal is not opening.

On receipt of the above details, the proposal is again placed in this 343rd meeting of SEAC held on 05.01.2023 for re-appraisal.

The project proponent gave a re-presentation incorporating the details requested by SEIAA. The committee carefully examined the points raised by SEIAA and the replies given by the PP and decided to reiterate its recommendation already made in 326th Meeting of SEAC held on 05.11.2022. All other conditions stipulated in the earlier minutes will remain unaltered.

Agenda No: 343-15
(File No: 9207/2022)
Proposed construction of Multi-storied Residential Building Project at S. Nos.: 116/1, 116/2, 116/4, 116/5A, 116/5B, 116/8, 116/9, 117/1A1, 117/1A2, 117/2A, 117/3A, 117/3B, 119/2B, 120, 121/1A, 121/1B, 121/2, 121/3A, 121/3B, 139/4B, 140/1, 141/1, 141/2A, 141/2B, 142, 143/2, 143/3 Part, 144/2B, 145/2B, 146/1, 146/2 Siruseri Panchayat Road, Siruseri Village, Vandalur Taluk, Chengalpattu district by M/s Alliance Budget Housing India Private Limited & M/s. Alliance Infrastructure Projects Private Limited - For Environmental Clearance (SIA/TN/INFRA2/409464/2022 Dated:06.12.2022).

The proposal was placed in this 343rd SEAC meeting held on 05.01.2023. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s Alliance Budget Housing India Private Limited & M/s. Alliance Infrastructure Projects Private Limited, has applied for Environmental Clearance for the proposed construction of Multi-storied Residential Building project at S. Nos.: 116/1, 116/2, 116/4, 116/5A, 116/5B, 116/8, 116/9, 117/1A1, 117/1A2, 117/2A, 117/3A, 117/3B, 119/2B, 120, 121/1A, 121/1B, 121/2, 121/3A, 121/3B, 139/4B, 140/1, 141/1, 141/2A, 141/2B, 142, 143/2, 143/3 Part, 144/2B, 145/2B, 146/1, 146/2 Siruseri Panchayat Road, Siruseri Village, Vandalur Taluk, Chengalpattu district, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(b) " Township & area
3.

4. development Projects" of the Schedule to the EIA Notification, 2006.
5. The proposal consists of – Block A,B,C,D,E,F&G : Combined one Basement+ Stilt floor+ 19 Floors, Block- H- Stilt +17 floors, Block- I Club House- G+ 3 Floors, Block – J Learning hub- G+3 floors. The total plot area – 40577.45 Sq.m and built up area – 239598.7 Sq.m. No of dwelling unit – 2880.
6. ToR issued vide Letter No. SEIAA/TN/F.No: 9207/SEAC/8(b)/ToR-1294/2022 dt: 28.10.2022.
7. EIA submitted on 08.12.2022.

Description	Details
Name of the Project	Proposed construction of Multi-storied Residential Building by M/s. Alliance Budget Housing India Private Limited
Location	S. No. 116/1, 116/2, 116/4, 116/5A, 116/5B, 116/8, 116/9, 117/1A1, 117/1A2, 117/2A, 117/3A, 117/3B, 119/2B, 120, 121/1A, 121/1B, 121/2, 121/3A, 121/3B, 139/4B, 140/1, 141/1, 141/2A, 141/2B, 142, 143/2, 143/3 Part, 144/2B, 145/2B, 146/1, 146/2 Of Siruseri Panchayat Road, Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu
Type of Project	8(b) Townships and Area Development projects, Category "B"
Latitude & Longitude	Latitude 12°49'38.61"N Longitude 80°12'10.70"E
Total Area (in sq. m)	**Total Land Area – 40577.45 Sq.m.** Road gifted – 856.72Sq.m. Net plot area – 39720.73Sq.m. Total ground coverage area of buildings – 13014.11Sq.m. Roads and pavement area – 11596.12Sq.m. Surface or open parking area – 2665.3Sq.m.

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<table>
<tr><td></td><td>STP, solid waste disposal and other utilities area – 2467.81Sq.m.
Greenbelt development area – 5958.11Sq.m.
OSR area– 4019.28Sq.m.</td></tr>
<tr><td>Built up area</td><td>Proposed built-up area – 239598.7Sq.m</td></tr>
<tr><td>Cost of Project</td><td>Rs. 302.50 crores</td></tr>
<tr><td>Brief description of the project</td><td>Details of proposed Building
<table>
<tr><th>S.NO</th><th>Name of the Block/ Building</th><th>Net FSI Areain Sqm</th><th>Total Built-up area Sq.m</th></tr>
<tr><td>1</td><td>Combined Basement</td><td></td><td>27664.67</td></tr>
<tr><td>1</td><td>Block A</td><td>24626.05</td><td>26664.31</td></tr>
<tr><td>2</td><td>Block B</td><td>29818.98</td><td>32229.34</td></tr>
<tr><td>3</td><td>Block C</td><td>29818.98</td><td>32229.34</td></tr>
<tr><td>4</td><td>Block D</td><td>29818.98</td><td>32229.34</td></tr>
<tr><td>5</td><td>Block E</td><td>29818.98</td><td>32229.34</td></tr>
<tr><td>6</td><td>Block F</td><td>17244.76</td><td>18948.49</td></tr>
<tr><td>7</td><td>Block G</td><td>13190.04</td><td>13997.70</td></tr>
<tr><td>8</td><td>Block H</td><td>17091.25</td><td>18530.94</td></tr>
<tr><td>9</td><td>Block I</td><td>3398.64</td><td>3835.58</td></tr>
<tr><td>10</td><td>Block J</td><td>992.61</td><td>1039.61</td></tr>
<tr><td></td><td colspan="2">Total New Built-up area</td><td>239598.7</td></tr>
</table></td></tr>
<tr><td>a) Water requirement KLD (After expansion)</td><td>During Operation
Total water requirement – 2013 kLD
Fresh water requirement for Domestic requirement- 1306 kLD
Fresh water requirement for Swimming pool top-up– 3 kLD
Flushing - 667 kLD
Green Belt Development (Gardening & OSR) – 37 kLD</td></tr>
<tr><td>b) Source</td><td>Fresh water source :Thiruporur Panchayat Union</td></tr>
<tr><td>Quantity of Sewage KLD</td><td>Sewage Generation – 1842 KLD</td></tr>
</table>

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<table>
<tr><td>Details of /Sewage Treatment Plant</td><td>Sewage Treatment Plant 2 nos – 1000 KLD capacity (SBR)
<table><tr><td>S.No</td><td>Description</td></tr><tr><td>1</td><td>Bar Screen Chamber</td></tr><tr><td>2</td><td>Equalization tank</td></tr><tr><td>3</td><td>SBR tank</td></tr><tr><td>4</td><td>Decanter Tank</td></tr><tr><td>5</td><td>Sludge Holding Tank</td></tr><tr><td>6</td><td>UF Feed Tank</td></tr><tr><td>7</td><td>UF Treated Water Tank</td></tr><tr><td>8</td><td>Pressure sand filter</td></tr><tr><td>9</td><td>Activated carbon filter</td></tr><tr><td>10</td><td>UV Disinfection system</td></tr><tr><td>11</td><td>Dewatering system – filter press with screw pumps</td></tr><tr><td>12</td><td>Treated Water Tank</td></tr></table></td></tr>
<tr><td>Mode of Disposal of treated sewage with quantity</td><td>Flushing – 667 KLD
Greenbelt development – 37 KLD</td></tr>
<tr><td>Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste</td><td><table><tr><th>S. No.</th><th>Description</th><th>Quantity (T/D)</th><th>Mode of treatment / disposal</th></tr><tr><td>1</td><td>Biodegradable (@40% of waste generated)</td><td>3.024</td><td>Will be treated in Organic Waste Converter and used as</td></tr></table></td></tr>
</table>

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				manure for gardening.
	2	Non - Biodegradable (@ 60% of waste generated)	4.536	Sent to authorized recyclers or local bodies for recycling
	3	STP sludge	50	Will be used as manure for greenbelt development
Power requirement	245000KVA from TANGEDCO			
Details of D.G. set with Capacity	2 Nos. of 200 KVA, 3 Nos. of 250 KVA and 2 Nos. of 320 KVA Stacks with height will be provided in compliance with CPCB norms.			
Details of Green Belt Area	5958.11 sq.m (15% of plot area)			

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<table>
<tr><td>Details of Parking Area</td><td>Parking Details
<table>
<tr><th>Details</th><th>No. of Car Parking</th><th>No. of Two wheeler Parking</th><th>Area allotted for parking in (Sq.m)</th></tr>
<tr><td>Total no. of parking in ground level (Surface Parking)</td><td>964</td><td>2262</td><td>-</td></tr>
<tr><td>Total no. of parking required as per DTCP norms</td><td>580</td><td>927</td><td>-</td></tr>
<tr><td>Total no. of parking provided</td><td>632</td><td>950</td><td>3454.11</td></tr>
<tr><td>Total no. of bus parking provided</td><td>44</td><td>-</td><td>10577.13</td></tr>
</table></td></tr>
<tr><td>Provision for rain water harvesting</td><td>Total Rainwater Runoff – 1231cum per day
No of recharge ponds - 2 nos.</td></tr>
<tr><td>EMP Cost (Rs.)</td><td>Construction Phase : Capital cost/year – 13.25 Lakhs, O&M cost (Per Annum) –4.5 lakhs
Operation Phase–:Capital cost – 185.75 Lakhs, Recurring cost/annum –44Lakhs</td></tr>
<tr><td>CER activities with the specific allocation of funds</td><td>Rs. 150 lakhs</td></tr>
</table>

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Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,

1. The project proponent shall obtain IGBC Gold rating for the construction project.
2. The height of the stacks of DG sets shall be provided as per the CPCB norms.
3. The PP shall furnish an affidavit stating that any surplus water generated will be delivered to the panchayat union at the cost of the proponent.
4. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
5. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.
6. The proponent shall adhere to the conditions as mentioned in the flood inundation certificate obtained from Competent Authority/PWD.
7. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
9. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The

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proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

10. The unit shall ensure the compliance of land use classification fit for construction.
11. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.
12. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed of in any other way other than the approved one.
17. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.

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18. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
19. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
20. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
21. Solar energy should be at least 50% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
22. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
23. As accepted by the Project Proponent the CER cost is Rs. 150 lakhs and the amount shall be spent for the following activities as committed by the proponent before CTE from TNPCB.
    a. RS. 1 Core for 4 Primary Health Centres in Kancheepuram District.
    b. Infrastructure improvement to Government School, Pudupakkam.
    c. Infrastructure improvement to Panchayat Union Primary School, Egattur.

Agenda No: 343-16
(File No: 9361/2022)
Proposed construction of Non-High-Rise Residential Group Development at S.F. Nos. 611, 612, 613/3, 614, 615, 616, 617part, 620/1part, 620/2 part, 621, 622, 623/1, 623/2 part, 623/4, 623/5A, 623/5B & 623/6Gerugambakkam Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu by M/s. Casagrand Builder Private Limited - For Environmental Clearance. (SIA/TN/INFRA2/410470/2022 Dt. 13.12.2022)

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The proposal was placed in this 343rdSEAC Meeting held on 05.01.2023. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Casagrand Builder Private Limited has applied for Environmental Clearance for the Proposed construction of Non-High-Rise Residential Group Development at S.F. Nos. 611, 612, 613/3, 614, 615, 616, 617part, 620/1 part, 620/2 part, 621, 622, 623/1, 623/2 part, 623/4, 623/5A, 623/5B & 623/6 Gerugambakkam Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Townships and Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. Total land area is 60624.23Sqm. The total built-up area of the proposed residential building is 1,57,250.0 Sqm and the total no. of dwelling units is 1094 Nos.
4. ToR issued vide Letter No. SEIAA/TN/F.No: 9361/SEAC/8(b)/ToR-1294/2022 dt: 27.09.2022
5. EIA submitted on 14.12.2022.

Sl. No.	Details of the proposal	Data Furnished
1.	Name of the Project	Proposed construction of Non-High-Rise Residential Group Development by M/s. Casagrand Builder Private Limited
2.	Location	S.No. 611, 612, 613/3, 614, 615, 616, 617 Part, 620/1 Part, 620/2 Part, 621, 622, 623/1, 623/2 Part, 623/4, 623/5A, 623/5B &623/6 of Gerugambakkam Village, Kundrathur Taluk, Kundrathur Panchayat Union, Kancheepuram District, Tamilnadu.
3.	Type of the Project	"Townships and Area Development Projects" 8 (b), Category "B1"

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<table>
<tr><td>4.</td><td>Latitude and Longitude</td><td>Latitude: 12°59'46.85"N
Longitude: 80° 8'12.14"E</td></tr>
<tr><td>5.</td><td>Total area in sqm</td><td>60624.23Sq.m</td></tr>
<tr><td>6.</td><td>Built up Area</td><td>1,57,250.0 Sq.m</td></tr>
<tr><td>7.</td><td>Cost of the Project</td><td>Rs. 334.20 Crores</td></tr>
<tr><td>8</td><td>Total Area (in sq. m)</td><td>Total land area – 60624.23 Sq.m
a) Road area to be gifted -4509.83 Sq.m
b) Road widening area – 726.93 Sq.m
c) Total Ground Coverage area of Buildings– 29840.19Sq.m
d) Roads and Pavements area – 4899.69Sq.m
e) Substation area, Transformer yard, OWC & STP – 2385.42 Sq.m
f) Green Belt Area – 12742.52Sq.m
g) OSR area – 5519.65Sq.m</td></tr>
<tr><td>8.</td><td>Brief Description of the Project</td><td>The Proposal Involves Construction of Non-High-Rise Residential Group Development which consist of 6 Blocks with combined Basement
➢ Block 1 - Combined Basement + Ground + 4 Floors with 145 Nos Dwelling Units
➢ Block 2 - Combined Basement + Ground + 4 Floors with 155 Nos Dwelling Units with Club House in Ground + 4 Floors and swimming pool in Ground Floor.
➢ Block 3 - Combined Basement + Ground + 4 Floors with 160 Nos Dwelling Units
➢ Block 4 - Combined Basement + Ground + 4 Floors with 174 Nos Dwelling Units
➢ Block 5 - Combined Basement + Ground + 4 Floors with 260 Nos Dwelling Units
➢ Block 6 - Combined Basement + Ground + 4 Floors with 200 Nos Dwelling Units
Totally 1094 Nos Dwelling Units</td></tr>
<tr><td>9.</td><td>a)Water Requirement (KLD)</td><td><table><tr><td>S. No.</td><td>Details</td><td>Quantity (KLD)</td></tr><tr><td>1.</td><td>Total Water Requirement</td><td>889</td></tr></table></td></tr>
</table>

		2.	Fresh water requirement for domestic purposes	550
		3.	Fresh water requirement for Swimming Pool top up	3
		4.	Treated wastewater requirement for Flushing purposes	281
		5.	Treated wastewater requirement for Gardening purposes	33
		6.	Treated wastewater requirement for OSR maintenance	22
10.	Quantity if Sewage KLD	Sewage Generation- 776 KLD		
11.	Details of Sewage Treatment Plant	STP of 880 KLD		

S.No	Description
1	Bar Screen Chamber
2	Equalization tank
3	SBR tank
4	Decanter Tank
5	Sludge Holding Tank
6	UF Feed Tank
7	UF Treated Water Tank
8	Pressure sand filter
9	Activated carbon filter
10	UV Disinfection system
11	Dewatering system – filter press with screw pumps
12	Treated Water Tank

12.	Mode of disposal of treated sewage with quantity	Toilet flushing- 281 KLD Green Belt Development & OSR - 55 KLD To avenue plantation- 402 KLD
13.	Quantity of Solid waste generated per day, Mode of treatment and disposal of solid waste	

S. No.	Description	Quantity (Tons/day)	Mode of treatment / disposal
1	Biodegradable (@40% of waste generated)	1.510	Will be treated in Organic Waste Converter and used as

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					manure for gardening.	
		2	Non - Biodegradable (@ 60% of waste generated)	2.264	Sent to authorized recyclers or local bodies for recycling	
		3	STP sludge	50 kg/day	will be used as manure for greenbelt development	
14.	Power Requirement	10.8 MVA from TANGEDCO Solar proposal				

Building	Energy saved/annum
50% of roof area will be allocated for solar panel.	2178320 Kwh

15.	Details of DG set with capacity	3 Nos of 320 KVA, 2 Nos of 400 KVA
16.	Details of Green Belt Area	12742.52 Sq.m
17.	Details of Parking Area	

Details	No. of Car parks	No of two wheeler parks	Area allotted for parking in (SQM)
1) Total number of parking provided in Stilt	0	0	0
2)Total number of parking provided in Ground level (Surface parking)	0	0	0
3)Total number of parking provided in the Basement	871	1106	36184.26

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			Total number Parking required as CMDA norms	742	1095	N.A
			10% Visitor Parking required as CMDA norms	59	91	N.A
18.	Provision for Rain water Harvesting	Total Rainwater runoff- 704cum/day 560 cum Rainwater Storage tank Recharge pit: 43 Nos with Dia 1.2 m, depth 3m				
19.	EMP Cost (Rs.)	Construction Phase: Capital Cost/year- Rs.11.05 Lakhs Recurring Cost/year- Rs.4.2 Lakhs Operation Phase: Capital Cost- Rs.214.24 Lakhs Recurring Cost/annum- Rs.33.88 Lakhs				
20.	CER activities with the specific allocation of funds	Rs. 2.01Crores				

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,

1. The project proponent shall obtain IGBC Gold rating for the construction project.
2. The height of the stacks of DG sets shall be provided as per the CPCB norms.
3. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
4. The PP shall obtain NoC from IOCL since the Chennai ATF Pipeline is traversing in proposed project site.
5. The PP shall analysis the details of anticipated impact on the Adyar River abutting to the proposed project site and its mitigation measures.
6. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.

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7. The proponent shall adhere to the conditions as mentioned in the flood inundation certificate obtained from Competent Authority/PWD.
8. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
9. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
11. The unit shall ensure the compliance of land use classification fit for construction.
12. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.
13. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.

14. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
15. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
16. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
17. No waste of any type to be disposed of in any other way other than the approved one.
18. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
19. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
20. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
21. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
22. Solar energy should be at least 50% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.

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24. As accepted by the Project Proponent the CER cost is Rs.2.Crores and the amount shall be spent for the activities as committed by the proponent before obtaining CTE from the TNPCB which shall include

A. Rs. 1.Crores –Welfare of differently abled persons Department.
   a. Motorized petrol vehicles (60 nos X 83500) =Rs. 50,10,000/-
   b. Battery operated wheel chairs (25 nos X 1,00,000) = Rs. 25,00,000/-
   c. Cochlear implants, spinal cord injury, medical kits = Rs. 25,00,000/-

B. Rs. 1 Crores – Government Higher Secondary School- Pozhichalur and Gerugampakkam Government School.

Agenda No: 343-17
(File No: 9383/2022)
Proposed Premium Residential & Commercial Building "AADHAYA" at S.F. Nos. 410/1A1A2 in Semmenchery Village, Sholinganallur Taluk, Chennai District, Tamil Nadu, by M/s. SMT Property Developers Pvt. Ltd. - For Environmental Clearance. (SIA/TN/INFRA2/280981/2022)

The proposal was placed in this 343rd SEAC Meeting held on 05.01.2023. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. SMT Property Developers Pvt. Ltd has applied for Environmental Clearance for the Proposed Premium Residential & Commercial Building "AADHAYA" at S.F. Nos. 410/1A1A2 in Semmenchery Village, Sholinganallur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Townships and Area Development Projects" of the Schedule to the EIA Notification, 2006.

S. No		
23.	Name of the Project	Proposed Premium Residential & Commercial Building "AADHAYA" by M/s. SMT Property Developers Pvt. Ltd.

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<table>
<tr><td>24.</td><td>Location</td><td>S.F. Nos. 410/1A1A2 in Semmenchery Village, Sholinganallur Taluk, Chennai District, Tamil Nadu
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>12°52'43.78"N</td><td>80°12'50.41"E</td></tr>
<tr><td>12°52'43.50"N</td><td>80°12'51.94"E</td></tr>
<tr><td>12°52'38.54"N</td><td>80°12'50.83"E</td></tr>
<tr><td>12°52'38.80"N</td><td>80°12'49.27"E</td></tr>
</table></td></tr>
<tr><td>25.</td><td>Type of Project</td><td>Building and Construction projects
Schedule 8(a) : ≥ 20,000 Sq.m and < 150000 Sq.m</td></tr>
<tr><td>26.</td><td>Total Area (in sq. m)</td><td>Total Land Area – 8040Sq.m
Ground Coverage – 2837.81Sq.m
Roads and Driveway area, Paved area, Parking area, STP area, Solid waste storage area, Substation etc. – 3930.26 Sq.m
Green Belt Area – 1271.93Sq.m</td></tr>
<tr><td>27.</td><td>Built up area</td><td>52903.47Sq.m</td></tr>
<tr><td>28.</td><td>Cost of Project</td><td>Rs.73 Crores</td></tr>
<tr><td>29.</td><td>Brief description of the project</td><td>The project will have a single block, basement + Stilt floor (parking commercial) + 1st Floor Parking + 2nd Floor Parking and commercial + 3rd Floor to 19th Floor Residential building with total of 468 dwelling units
<table>
<tr><th rowspan="2">Floor Name</th><th colspan="2">FSI Area (m²)</th><th rowspan="2">Parking Area (m²)</th><th rowspan="2">Built Up Area (m²)</th><th rowspan="2">Usage (m²)</th><th rowspan="2">2 BHK Flats</th></tr>
<tr><th>Residential</th><th>Commercial</th></tr>
<tr><td>Basement Floor</td><td>41.85</td><td>Nil</td><td>6064.29</td><td>6179.84</td><td>Parking</td><td>-</td></tr>
<tr><td>Stilt Floor</td><td>208.81</td><td>114.8</td><td>2380.92</td><td>2837.81</td><td>Parking/ Commercial</td><td>-</td></tr>
<tr><td>1st Floor</td><td>Nil</td><td>Nil</td><td>2473.6</td><td>2612.89</td><td>Parking</td><td>-</td></tr>
<tr><td>2nd Floor</td><td>Nil</td><td>144.56</td><td>2580.52</td><td>2722.97</td><td>Parking/ Commercial</td><td>-</td></tr>
<tr><td>3rd and 4th Floor</td><td>2*1964.61= 3929.22</td><td>2*363.43= 726.86</td><td>Nil</td><td>2*2328.04= 4656.08</td><td>Residential</td><td>2*23= 46</td></tr>
<tr><td>5th-18th Floor</td><td>14*2314.64= 32404.96</td><td>Nil</td><td>Nil</td><td>14*2314.64= 32404.96</td><td>Residential</td><td>14*29= 406</td></tr>
<tr><td>19th Floor</td><td>1488.92</td><td>Nil</td><td>Nil</td><td>1488.92</td><td>Residential</td><td>16</td></tr>
<tr><td>TOTAL</td><td>38073.76</td><td>986.22</td><td>13499.33</td><td>52903.47</td><td>Parking +Commercial +Residential</td><td>468</td></tr>
</table></td></tr>
</table>

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		Grand Total	39059.98	13499.33	52903.47		468
		Expected Occupancies is 2574 Nos.					
30.	Water requirement KLD	During Operation Phase: Total water requirement – 358 kLD Fresh water requirement – 212kLD (Source: CMWSSB) Flushing – 108kLD Greenbelt development – 8kLD					
31.	Quantity of Sewage KLD	Sewage Generation – 299kLD					
32.	Details of /Sewage Treatment Plant	Sewage Treatment Plant – 340 kLD(MBBR Technology) 1. Bar Screen Chamber 2. Oil & Grease Trap 3. Equalization Tank 4. Clarifier 5. Sludge Holding Tank 6. Filter Feed Tank 7. Dosing System 8. Pressure Sand Filter 9. Activated Carbon Filter 10. UF Feed Tank 11. UF/UV System 12. Treated Water Tank					
33.	Mode of Disposal of treated sewage with quantity	Flushing – 108kLD Greenbelt development – 8kLD HVAC makeup – 15 kLD Common area cleaning – 15 kLD To CMWSSB sewer line – 146kLD					
34.	Quantity of Solid Waste generated per day . Mode of treatment and Disposal of Solid Waste						

Waste	Quantity	Disposal Method
Bio Degradable	0.84 MT/day	Organic Waste Converter
Non Bio degradable	0.56MT/day	Authorized vendors
STP Sludge	50kg/day	Used as manure for gardening

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<table>
<tr><td>35.</td><td>Power requirement</td><td>2500 kVA from TANGEDCO</td></tr>
<tr><td>36.</td><td>Details of D.G. set with Capacity and Stack Height</td><td>4 Nos. of 100 kVA DG sets with stack height of 6m</td></tr>
<tr><td>37.</td><td>Details of Parking Area</td><td>
<table>
<tr><th>Description</th><th>Total No. of Car parking required</th><th>Total No. of Car Parking provided</th><th>Total No. of Two Wheelers provided</th></tr>
<tr><td>For Residents</td><td>310</td><td rowspan="2">340</td><td rowspan="2">576</td></tr>
<tr><td>Visitors</td><td>20</td></tr>
<tr><td>Total Parking required</td><td>330</td><td>340</td><td>576</td></tr>
</table>
</td></tr>
<tr><td>38.</td><td>Details of Green Belt Area</td><td>1271.93 Sqm</td></tr>
<tr><td>39.</td><td>Provision for rain water harvesting</td><td>Rainwater Sump capacity – 155 m³
Percolation pits – 24 Nos.</td></tr>
<tr><td>40.</td><td>EMP Cost (Rs.)</td><td>Operation Phase:
Capital Cost - Rs.284Lakhs
Recurring Cost - Rs.63Lakhs</td></tr>
<tr><td>41.</td><td>CER activities with the specific allocation of funds</td><td>Rs. 73 Lakhs</td></tr>
</table>

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,

1. The project proponent shall obtain IGBC Gold rating for the construction project.
2. The height of the stacks of DG sets shall be provided as per the CPCB norms.

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3. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
4. The PP shall provide the STP capacity of 340 kLD(MBBR Technology) and treated sewage will be utilized for Toilet flushing, Greenbelt development, HVAC makeup Common area cleaning and excess treated sewage will be let out through CMWSSB sewer line
5. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR.
6. The proponent shall adhere to the conditions as mentioned in the flood inundation certificate obtained from Competent Authority/PWD.
7. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
9. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
10. The unit shall ensure the compliance of land use classification fit for construction.
11. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.

12. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed of in any other way other than the approved one.
17. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
18. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
19. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.

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20. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
21. The 65% of the roof shall be covered with Solar panel & solar energy should be at least 50% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
22. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
23. As accepted by the Project Proponent the CER cost is Rs.73 lakhs and the amount shall be spent for the activities as committed by the proponent before obtaining CTE from the TNPCB which shall include
    1. Rs.43 lakhs Govt Hr Sec School Semmancherry as committed activities & Rs. 30 lakhs for Strom water drain works.

Agenda No: 343-18
(File No: 9449/2022)
Proposed Construction of Industrial/Logistics/Warehouse buildings at S.No. 27/1A, 27/2A, 27/2B, 28/1A, 28/1B, 28/2, 29/1, 29/2, 30/1, 30/2, 31/1, 31/2, 31/3, 32/1A, 32/1B, 32/2, 32/3, 32/4A, 32/4B, 33, 34/1, 34/2, 35/1, 35/2, 35/2B2, 35/3A, 35/3B1, 36/1, 36/2, 37/1A, 37/1B, 37/2A, 37/2B1, 37/2B2, 38/1, 38/2, 38/3, 38/4, 39, 40/1, 40/2, 40/3, 40/4, 41, 42/1, 42/2, 42/3, 42/5, 43/1, 43/2, 44/1A, 44/1B, 44/2, 45/1, 45/2, 46/1, 46/2, 46/3, 47, 48/1A, 48/1B, 48/1C, 48/2, 48/3A, 48/3B, 49/1, 49/2A, 49/2B, 49/2C, 49/3, 49/4, 49/5, 50/1, 50/2, 52/4, 53, 54, 67/1, 67/2, 68/1, 68/2, 68/3A, 68/3B, 69/1, 69/2, 69/3, 69/4, 69/5, 70, 71, 72/1, 72/2, 73/1, 73/2A, 73/2B, 76, 77/1A, 77/1B1, 77/1B2, 77/1B3A, 77/1B3B, 77/2A, 77/2B, 78/1, 78/2, 78/3, 78/4, 78/5, 79/1, 79/2, 80, 81/1, 81/2, 81/3, 81/4, 82/1, 82/2A, 82/2B, 83/1, 83/2A, 83/2B, 84/1, 84/2, 85/1, 85/3, 85/4, 85/5, 86/1, 86/2, 86/3, 86/4, 86/5, 86/6, 88/1, 88/2, 89/1, 89/3B, 89/4 & 90 of Ullavur Village, Walajabad Taluk, Kanchepuram District, Tamil Nadu by ILP 3 INDIA 14 PRIVATE LIMITED - For Environmental Clearance (SIA/TN/MIS/289871/2022, dated 23-08-2022)

Earlier, the proposal was placed in 326th SEAC meeting held on 05.11.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The SEAC noted the following:

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1. The Project Proponent, **ILP 3 INDIA 14 PRIVATE LIMITED** has applied for Environmental Clearance for the Proposed **Construction of** Industrial/Logistics/Warehouse buildings at S.No. 27/1A, 27/2A, 27/2B, 28/1A, 28/1B, 28/2, 29/1, 29/2, 30/1, 30/2, 31/1, 31/2, 31/3, 32/1A, 32/1B, 32/2, 32/3, 32/4A, 32/4B, 33, 34/1, 34/2, 35/1, 35/2, 35/2B2, 35/3A, 35/3B1, 36/1, 36/2, 37/1A, 37/1B, 37/2A, 37/2B1, 37/2B2, 38/1, 38/2, 38/3, 38/4, 39, 40/1, 40/2, 40/3, 40/4, 41, 42/1, 42/2, 42/3, 42/5, 43/1, 43/2, 44/1A, 44/1B, 44/2, 45/1, 45/2, 46/1, 46/2, 46/3, 47, 48/1A, 48/1B, 48/1C, 48/2, 48/3A, 48/3B, 49/1, 49/2A, 49/2B, 49/2C, 49/3, 49/4, 49/5, 50/1, 50/2, 52/4, 53, 54, 67/1, 67/2, 68/1, 68/2, 68/3A, 68/3B, 69/1, 69/2, 69/3, 69/4, 69/5, 70, 71, 72/1, 72/2, 73/1, 73/2A, 73/2B, 76, 77/1A, 77/1B1, 77/1B2, 77/1B3A, 77/1B3B, 77/2A, 77/2B, 78/1, 78/2, 78/3, 78/4, 78/5, 79/1, 79/2, 80, 81/1, 81/2, 81/3, 81/4, 82/1, 82/2A, 82/2B, 83/1, 83/2A, 83/2B, 84/1, 84/2, 85/1, 85/3, 85/4, 85/5, 86/1, 86/2, 86/3, 86/4, 86/5, 86/6, 88/1, 88/2, 89/1, 89/3B, 89/4 & 90 of Ullavur Village, Walajabad Taluk, Kanchepuram 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.
3. The project involves land area of 2,20,098.52 sq.m and built-up area of 1,48,737 sq.m.
4. The proposed development will be used for housing industrial/light and heavy engineering/assembling/logistics/storage units.

Based on the presentation and details furnished by the project proponent, the committee noted that as per the **O.M F.No.19-131/2019-IA-III [E 128798] dated: 4th October, 2022,** Industrial sheds of area less than 1,50,000 sq.m, which are used for housing machinery of industrial units and/or storage of raw materials and finished goods and industrial products including but not limited to industrial and factory made

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products are exempted from obtaining prior Environmental Clearance. Accordingly the PP stated that he would withdraw the proposal and avail the exemption as allowed in the above OM.

Subsequently, the proposal was placed in **571st authority meeting held on 21.11.2022 & 22.11.2022.**

The authority noted that the proposed industrial/logistics/warehouse Park intends to store around 16 types of products and one among them is **Hazardous Chemicals** and as per Page 13 of the Form 1A submitted by the proponent,

The type of products to be stored in project is given below:

Automotive-Spare parts & accessories

.....

16. Hazardous Chemicals as per MSIHC rules, 1989 and amendment thereof. Chemical to be stored during the operation of project will be intimated to the concerned authorities while submitting the six monthly compliance reports; at present stage the tenants are not known. The guidelines & practices for handling and storage of hazardous waste will be strictly implemented as well as followed.

As per point no. 5 of O.M issued by MoEF&CC dated 4th October, 2022,

".....representations to exempt warehouses for storage of raw materials and finished goods of all consumption and industrial products including but not limited to industrial and factory-made products ***(except hazardous materials)*** *from the requirement of prior EC along with industrial sheds, schools/colleges/hostels for educational institutions as per the provisions contained in item 8(a) of schedule to the EIA Notification, 2006..."*

In view of this, the authority decided to refer back the proposal to SEAC for obtaining views of the Committee on the above remarks.

Hence, the proposal was again placed in this 343rd SEAC meeting held on 05.01.2023.

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During the meeting, the proponent gave an affidavit stating as follows:

"With reference to our withdrawn application no. SIA/TN/MIS/289871/2022 dated.13.08.2022, we undertake that the proposed industrial shed to be set up in the project site will not allow any unit/ tenant to store ***"Hazardous materials"*** *as per the Office Memorandum issued by MoEF&CC vide office memorandum F.No.19-131/2019-IA-III [E 128798] dated 04.10.2022".*

Based on the affidavit furnished by the project proponent, the SEAC decided to reiterate its decision already made 326th SEAC meeting.

Agenda No: 343-19
(File No: 9451/2022)
Proposed Construction of Group Development at Old S.No. 1014 part, 1015 Part, 1016 part, Old T.S.Nos.1/1 part (New T.S No. 1/9) & Old S.No. 1014/1 part Old T.S.No 1/3 part (New T.S.No 1/11), Ward B, Block No 24 of Madhavaram Village, Madhavaram Taluk, Tiruvallur District, Tamilnadu by M/s Hiliving Royal Hommes LLP – For Environmental Clearance. (SIA/TN/MIS/289702/2022 dated 3.11.2022)

Earlier, this proposal was placed in this 326th Meeting of SEAC held on 4.11.2022. The details of the project furnished by the proponent are available on the website (www.parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, **M/s Hiliving Royal Hommes LLP** has applied for Environmental Clearance for the **Proposed Construction of Group Development at Old S.No. 1014 part, 1015 Part, 1016 part, Old T.S.Nos.1/1 part (New T.S No. 1/9) & Old S.No. 1014/1 part Old T.S.No 1/3 part (New T.S.No 1/11), Ward B, Block No 24 of Madhavaram Village, Madhavaram Taluk, Tiruvallur 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.

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1.	Name of the Project	Proposed Construction of Group Development by M/s Hiliving Royal Hommes LLP
2.	Location	Old S.No. 1014 part, 1015 Part, 1016 part, Old T.S.Nos.1/1 part (New T.S No. 1/9) & Old S.No. 1014/1 part Old T.S.No 1/3 part (New T.S.No 1/11), Ward B, Block No 24 of Madhavaram Village, Madhavaram Taluk, Tiruvallur District, Tamilnadu
3.	Type of the Project	Building and Construction Projects Schedule 8 (a), Category "B"
4.	Latitude and Longitude	
5.	Total area in sqm	9084 Sqm
6.	Built up Area	29,640.67 Sqm
7.	Cost of the Project	Rs.71.81 Crores
8.	Brief Description of the Project	

S.No	Latitude	Longitude
1.	13°8'43.28"N	80°14'9.77"E
2.	13°8'42.18"N	80°14'15.26"E
3.	13°8'41.29"N	80°14'9.53"E
4.	13°8'40.58"N	80°14'14.82"E

Name of Block	Total Built Up Area
Block A (Combined Stilt+ 5)	3335.27
Block B (Combined Stilt+ 5)	3026.1
Block C (Combined Stilt+ 5)	3537.6
Block D (Combined Stilt+ 5)	4053.3
Block E (Combined Stilt+ 5)	4536.35
Block F (Combined Stilt+ 5)	3586.55
Combined stilt floor (Block A to Block F)	6813.16
Club House (with Block A)	744.34
Guard room	8
Grand Total (1+2)	**29640.67**

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<table>
<tr><td></td><td></td><td>Total number of Dwelling units- 221 Units</td></tr>
<tr><td>9.</td><td>a)Water Requirement (KLD)</td><td>
<table>
<tr><th>S. No.</th><th>Details</th><th>Quantity (kLD)</th></tr>
<tr><td>1.</td><td>Total Water Requirement</td><td>168</td></tr>
<tr><td>2.</td><td>Fresh Water Requirement for domestic purposes</td><td>108</td></tr>
<tr><td>3.</td><td>Treated wastewater for Flushing</td><td>55</td></tr>
<tr><td>4.</td><td>Treated wastewater for Gardening</td><td>5</td></tr>
</table>
</td></tr>
<tr><td>10.</td><td>Quantity if Sewage KLD</td><td>Sewage Generation- 147 KLD
Treated Water Generation- 140 KLD</td></tr>
<tr><td>11.</td><td>Details of Sewage Treatment Plant</td><td>STP of 150 KLD
<table>
<tr><th>S.No</th><th>Description</th></tr>
<tr><td>1</td><td>Bar Screen Chamber</td></tr>
<tr><td>2</td><td>Equalization tank</td></tr>
<tr><td>3</td><td>SBR tank</td></tr>
<tr><td>4</td><td>Decanter Tank</td></tr>
<tr><td>5</td><td>Sludge Holding Tank</td></tr>
<tr><td>6</td><td>UF Feed Tank</td></tr>
<tr><td>7</td><td>UF Treated Water Tank</td></tr>
<tr><td>8</td><td>Treated Water Tank</td></tr>
</table>
</td></tr>
<tr><td>12.</td><td>Mode of disposal of treated sewage with quantity</td><td>Toilet flushing- 55 KLD

Green Belt Development- 5 KLD

To CMWSSB sewer line- 80 KLD</td></tr>
<tr><td>13.</td><td>Quantity of Solid waste generated per day, Mode of treatment and disposal of solid waste</td><td>
<table>
<tr><th>S. No.</th><th>Description</th><th>Quantity (kg/day)</th><th>Mode of treatment / disposal</th></tr>
<tr><td>1</td><td>Biodegradable (@40% of waste generated)</td><td>249</td><td>Will be treated in Organic Waste Converter and used as</td></tr>
</table>
</td></tr>
</table>

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<table>
<tr><td></td><td></td><td>
<table>
<tr><td></td><td></td><td></td><td>manure for gardening.</td></tr>
<tr><td>2</td><td>Non - Biodegradable (@ 60% of waste generated)</td><td>374</td><td>Sent to authorized recyclers or local bodies for recycling</td></tr>
<tr><td>3</td><td>STP sludge</td><td>22</td><td>will be used as manure for greenbelt development</td></tr>
</table>
</td></tr>
<tr><td>14.</td><td>Power Requirement</td><td>1922.56 KVA from TANGEDCO</td></tr>
<tr><td>15.</td><td>Details of DG set with capacity</td><td>Back-up power supply through DG sets : 1 No. x 320 kVA, 1 No x 160 KVA Capacities</td></tr>
<tr><td>16.</td><td>Details of Green Belt Area</td><td>1353 sqm</td></tr>
<tr><td>17.</td><td>Details of Parking Area</td><td>
<table>
<tr><th>Details</th><th>No. of Car parking</th><th>No of two-wheeler parking</th><th>Area allotted for parking in (Sqm)</th></tr>
<tr><td>1) Total number of Parking in Stilt</td><td>202</td><td>83</td><td>6813.16</td></tr>
<tr><td>Total number of Parking required as per CMDA norms</td><td>202</td><td>83</td><td>-</td></tr>
<tr><td>Total number of Parking provided</td><td>202</td><td>83</td><td></td></tr>
</table>
</td></tr>
<tr><td>18.</td><td>Provision for Rain water Harvesting</td><td>Total Rainwater runoff- 161 cum
150 cum Rainwater Storage tank</td></tr>
<tr><td>19.</td><td>EMP Cost (Rs.)</td><td>Construction Phase:
Capital Expenses- Rs.18.25 Lakhs
O & M cost- Rs. 5.68 Lakhs
Operation Phase:</td></tr>
</table>

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		Capital Cost- Rs.140.7 Lakhs Recurring Cost- Rs.25.8 Lakhs
20.	CER activities with the specific allocation of funds	Rs.36 Lakhs

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the certain specific conditions in addition to normal conditions stipulated by MOEF&.CC.

Subsequently, it was placed in proposal was placed in the 580th Authority meeting held on 22.11.2022 and decided to get the following clarification from the PP on the receipt of the same it may be referred back to SEAC for further recommendations.

1. From the KML it seems that there are lot of trees and green patches are there, hence the PP shall furnish the details/types of Vegetation located in the project site.
2. The details of impact on the vegetation by the project proposal.
3. The PP shall furnish the details of impact on soil erosion, Ground water table and letting out of excess sewage and change in Temperature pattern.
4. The traffic study analysis report shall be furnished.
5. The PP shall revise the EMP to cover the above said points.

Based on the reply submitted by the PP it was again been placed in 343rd SEAC meeting held on 5.1.202. The PP has made the representation covering the above points.

The committee carefully examined the points raised by SEIAA and the replies given by the PP and decided to reiterate its recommendation already made in 326rd Meeting of SEAC held on 04.11.2022. All other conditions stipulated in the earlier minutes will remain unaltered.

Agenda Item No. 343-20
File. No: 5093/2022
Existing sand quarry lease over an extent of 16.18.0 Ha in S.F.Nos. 643/1(P), Oruvanthoor Village, Namakkal Taluk, Namakkal District, Tamil Nadu by the Executive Engineer - For Extension Environmental Clearance issued. (SIA/TN/MIN/28664/2018)

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Earlier, this proposal was placed in this 284th Meeting of SEAC held on 10.06.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, The Executive Engineer has obtained Environmental Clearance for the Proposed Sand quarry lease over an extent of **16.18.0** Ha in S.F.Nos. **643/1(P) Oruvanthoor Village, Namakkal Taluk, Namakkal District**, Tamil Nadu vide SEIAA-TN/F.No.5093/EC/1(a)/3524/2016 Dt. 10.08.2016 with valid up to 2 years from the date of execution of mining lease.
2. The project/activity is covered under Category "B" of item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. It is proposed to quarry 1,98,906 cu.m of sand shoals and 1,61,800 cu.m of sand, overall – 3,60,706 Cu.m.
4. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/28664/2017 dated: **09.08.2018** for the extension of validity of Environmental Clearance issued when the lease and EC are subsisting.
5. The PP had cited the reasons of Public litigation case (WP. No 22433/2017) came to an end and court has given final verdict on 06.07.2018 to commence the quarry operation under the supervision of a 'Four member monitoring committee' under the head of Project Director (Sand quarry operation).
6. Further, as per Rc. No. 1198/Mines/2015 Dated: 23.05.2022, District collector has stated that "*If the Environmental Clearance may be obtained from the State level Environment Impact Assessment Authority (SEIAA) by the Executive Engineer WRD, Mining and Monitoring Division, Trichy for the above said Oruvandhur sand quarry, it may be considered as per the existing rules in force*". regarding request for extension of Lease period for quarrying remaining quantity of sand.
7. The SEAC observed that the lease was executed on 12.03.2017

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8. The PP also furnished the AD Geology & Mines vide Rc.No.1198/Mines/2015 Dt: 22.04.2022 and stated that

Sl.No	Particulars	Remarks
1.	Duration of operation	16.06.2017, 17.06.2017, 29.06.2017, 01.11.2017 to 04.11.2017 and 06.11.2017
2.	No of Days	8 days
3.	Qty of sand quarried out	3,514.86 Cu.m
4.	Qty of sand to be quarried out	3,57,191 Cu.m

Based on the presentation & documents furnished by the PP, SEAC noted that "as per the original mining plan the period of mining is restricted to two years and as per the modified mining plan (page 7), the remaining lease period is 1 year 1 month, hence the validity expired on 20.8.2018. SEAC, therefore, decided to obtain the following details from the PP.

1. The PP shall furnish revised/modified mining plan approved from competent Authority.

Now, the PP has furnished District Collector Lr No. Rc.No. 1198/Mines/2015 Dt. 18.12.2022 and it has stated that " *Considering the exclusiveness of Rule 38(A) of the Tamil Nadu Minor Mineral Concession Rules 1959, conferring the right to exploit sand in the State shall vest with the State Government and the Govt. Department Public works Department, WRO Mining & Monitoring Division are requesting for extension of the permission period, which was lapsed beyond their control, sanction is hereby accorded for the revival of the lapse period of I year and 4 months from 07.11,.2017 to 11.03.2019 and extended it from the date of resumption of quarrying work in the S.F.No.643/1(P) over an extent of 16.18.0 Ha (Cauvery River) in Oruvandhur Village, Mohanur Taluk of Namatkal district subject to the following conditions*" ....

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1. As per the Rule 41 of Tamil Nadu Minor Mineral Concession Rules 1959, a revised and Modified Mining plan for quarrying and removal of 3,57,191.14cbm of sand in a period of 1 year and 4 months.
2. As per the Rule 42 of Tamil Nadu Minor Mineral Concession Rules 1959, necessary Environmental Clearance from SEIAA Chennai has to be submitted.
3. Prior to start quarrying activities the consent of TNPCB on Air and Water (prevention) of pollution has to be submitted.
4. As per the orders of the Honble High Court of Madrai dated O6.O7.2O1a in W.P.No.22433 of 2O17 all the sand quarrying operations in the subject area to be oversee by a Committee it was already constituted by the Hon'ble High Court of Madras.

During the meeting, the proponent stated that he had requested for an automatic extension as per the MoEF&CC notification dated 12.04.2022 and O.M dated 13.12.2022 and hence requested for the same.

SEAC noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (ii) states that...

"*The Environment Clearances for which the project proponents have submitted the application for extension of validity as per the provisions of the EIA Notification 2006 as on the date of publication of Notification i.e., 12.04.2022 shall stand automatically extended to respective increased validity as mentioned at Para no. 1 column (C) above.*"

Based on the presentation made by the proponent, the SEAC decided to confirm that the proposal is eligible for 'automatically extension to the respective increased validity' as per the aforementioned OM issued by the MoEF & CC.

Table Agenda No: 343- TA-01
(File No: 9475/2022)
Proposed Sand quarry over an extent of 4.96.0 Ha located at S.F.No: 190(P), Eraiyur Village, Tittagudi Taluk, Cuddalore District, Tamil Nadu by the Executive Engineer, PWD/WRD- For Environmental Clearance. (SIA/TN/MIN/ 291044/2022 Dt 31.08.2022)

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The proposal was placed for appraisal in this 322nd SEAC Meeting held on 19.10.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, The Executive Engineer, PWD/WRD, has applied for Environmental Clearance proposed Sand quarry over an extent of 4.96.0 Ha located at S.F.No: 190(P), Eraiyur Village, Tittagudi Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1(a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 1 year and the mining plan for the period 1 year & mining quantity should not exceed 83901 m^3 of sand (49,600 m^3 of Sand and 34,301 m^3 of Shoal). The ultimate depth 1m (0.692m Above Bed Level + 1m Below Bed Level) for a period of one year.

Based on presentation & documents furnished by the PP, SEAC decided to carry out onsite inspection by the Sub Committee constituted by SEAC to assess the present Environmental Condition. Further, the PP shall furnish the following details during the site inspection.

1. The Project Proponent shall study and report in detail on the "Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020".
2. Pillar stone shall be erected before the site inspection.
3. Details of existing mining activities carried out in 1 Km either upstream & downstream direction.

On receipt of the Sub Committee report further deliberation will be done.

Based on the above, The State Expert Appraisal Committee (SEAC) TamilNadu constituted a subcommittee vide its Lr.No.SEAC/TN/Site Inspection/2022, dt. .10.2022 to inspect and study the field condition for the proposal seeking EC for a sand quarry proposed at Eraiyur Village in SF No. 190(P) Tittagudi Taluk, Cuddalore District. The Committee comprises of Thiru. D.Velazhagan, member of SEAC.

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As per the above letter the sub-committee visited the site on 28.10.2022. The observations made in the field and recommendation derived on the basis of the field visit are as below:

4.1 Proponent team:

The following officials of WRD participated and facilitated the field inspection:

1. Er.C.R.Praveen Raj, AE/Mining & monitoring sec-I/Vridhachalam
2. Er.A.Arularasan, AE/Mining & monitoring sec-I/Cuddalore

4.2 Eraiyur Sand Quarry:

Sl.No	Description	Details
1	Proposal number	SIA/TN/MIN//291044/2022, DT:31.08.2022
2	File number	9475
3	Proponent	Executive Engineer, WRD., Mining and Monitoring Division, Villupuram
4	Major Project Activity	1 a. Mining of sand
5	Category	B2
6	Project Type	Fresh EC
7	River	Vellar River
8	Location	SF. No. 190(P) of Eraiyur Village
9	Area	4.96.0 Ha
10	Quantity& Duration	83,901 m^3 & 1 year
11	Depth	1m below Theoritical bed level
12	Method & Mining	Open cast - mechanised
Location		
11°23'03.6586"N		79°12'24.5992"E
11°23'06.0996"N		79°12'23.7098"E
11°23'12.9523"N		79°12'42.9374"E
11°23'10.5086"N		79°12'43.8423"E

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5. **Observations:**

- Proposed sand quarry is located on the southern side of the Eraiyur Village in SF. No.190(P) in the river bed of Vellar River. It is close to the left bank of Vellar river.
- The dimension of the proposed sand quarry is 620 m in length and 80 m in width, 4.96.00 hectares in area.
- It is located about 658 m downstream of Goodalur Check Dam and 1.3 km upstream of Pennadam Railway Bridge and 1.4 km upstream of Pennadam road bridge.
- SH 141 - Vridhachalam - Tholudhur located 1 km North.
- No Combined water Supply Scheme wells were located near Proposed quarry site.
- Bay of Bengal sea lies 65.80 km East of proposed sand quarry site.
- The sand at the proposed site is replenished well and sand is deposited above the bed level (Theoretical bed level +47.661m) with the shoal of 0.692 m
- It was informed by the WRD officials that a temporary road with bio-degradable material will be formed along the banks of river to transport the sand to the yard.
- Paddy fields are seen enroute Tittagudi to Eraiyur village.
- Eraiyur sand quarry site is proposed on left side (deposition side) bed of Vellar river. It helps to regulate the flood water to flow freely to avoid further meandering on left side (erosion side).

6. **Recommendations:**

- The following recommendations of the Enforcement & Monitoring Guidelines for Sand Mining, 2020 of the MoEFCC, Government of India (Annexure VIII Salient provision for sand mining in the state of Tamil Nadu) can be implemented.

"*To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new*

piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months".

- In this endeavour, Groundwater Wing of the Water Resources Department of the PWD may be engaged.
- As per Rule 36 of the Tamil Nadu Minor Mineral Concession Rules 1956, no sand quarry should be allowed with in 500m radial distance from the location of any bridge, water supply system, infiltration well or pumping installation.
- Within 500 m on either side no such structures or installation are available,

the mining of sand at the proposed sand quarry in SF No.190 (P) of Eraiyur village, Vellar Taluk, Cuddalore District as per the mining plan is recommended for Environmental Clearance.

In view of the above, it is submitted and recommended that the grant of environmental clearance for the proposed sand quarry covering the lease over an extent of 4.96.0 Ha in Vellar River located at S.F.Nos. 190 (P) of Eraiyur village, Vellar Taluk, Cuddalore District, Tamil Nadu may be considered.

The proposal has again been placed in 343rd SEAC meeting held on 05.01.2023. Based on the recommendations of the sub-committee and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the normal conditions stipulated by MoEF&CC, in addition to the following specific conditions:

1. The Project Proponent shall conduct "Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020, through a reputed institution having expertise in the field and shall submit the study to SEIAA within 6 months.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 4.96.0 Ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.

4. The depth of sand quarrying shall be restricted to I m from the theoretical bed level.
5. The project proponent shall monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months by engaging Groundwater Wing of the Water Resources Department.
6. An interdisciplinary team consisting of hydrogeologists, soil scientists, PWD engineers, TWAD Board engineers, and officials may be formed. It can conduct a scientific study to decide the distance or a range of distance that should be maintained between a sand quarry and infiltration and collection wells.
7. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
8. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.
9. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
10. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining.
11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
12. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels.
13. The entire sand mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
14. If the agricultural activities (or) thick greeneries are being carried out around all the sand mining projects, the mining operation should not affect the greeneries

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(or) agricultural activities as well as it should not lead to depletion of water in the open wells located nearby.

15. The approach road and loading of the sand in the vehicles, movement of the vehicle should be planned and implemented in such a way that there is no noise and dust pollution in the nearby habitation. We recommend that PWD should maintain at least a safe distance of 300m from the habitations while planning the approach road and the loading operation. Wherever necessary and near the habitation in particular dust suppression measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.
16. The pathway used by all machineries should be properly constructed and maintained by the PWD in order to avoid pollution.
17. The mining operation should be above the ground water table.
18. Adequate statutory manpower to be deployed for complying with the provisions to use heavy machineries as per Mines Safety Regulations (MCDR, 2017 &, MMR, 1961).
19. The Proponent shall provide Provision of bio-toilet to be ensured and confirmed.
20. During the sand mining work, appropriate progressive mine closure activities must be implemented to restore the river bed to its original status for ensuring the free flow.
21. As CER – sand shall be utilized to fill the government school ground.

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Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	*Aegle marmelos*	Vilvam	வில்வம்
2	*Adenaanthera pavonina*	Manjadi	மஞ்சாடி, சூலைக்குன்றிமணி
3	*Albizia lebbeck*	Vaagai	வாகை
4	*Albizia amara*	Usil	உசில்
5	*Bauhinia purpurea*	Mantharai	மந்தாரை
6	*Bauhinia racemosa*	Aathi	ஆத்தி
7	*Bauhinia tomentos*	Iruvathi	இருவாத்தி
8	*Buchanania axillaris*	Kattuma	காட்டுமா
9	*Borassus flabellifer*	Panai	பனை
10	*Butea monosperma*	Murukkamaram	முருக்கமரம்
11	*Bobax ceiba*	Ilavu, Sevvilavu	இலவு
12	*Calophyllum inophyllum*	Punnai	புன்னை
13	*Cassia fistula*	Sarakondrai	சரக்கொன்றை
14	*Cassia roxburghii*	Sengondrai	செங்கொன்றை
15	*Chloroxylon swietenia*	Purasamaram	புரசு மரம்
16	*Cochlospermum religiosum*	Kongu, Manjalllavu	கோங்கு, மஞ்சள் இலவு
17	*Cordia dichotoma*	Naruvuli	நருவுலி
18	*Crateva adansoni*	Mavalingum	மாவிலிங்கம்
19	*Dillenia indica*	Uva, Uzha	உசா
20	*Dillenia pentagyna*	SiruUva, Sitruzha	சிறு உசா
21	*Diospyro sebenum*	Karungali	கருங்காலி
22	*Diospyro schloroxylon*	Vaganai	வாகனை
23	*Ficus amplissima*	Kalltchi	கல் இச்சி
24	*Hibiscus tiliaceou*	Aatrupoovarasu	ஆற்றுபூவரசு
25	*Hardwickia binata*	Aacha	ஆச்சா
26	*Holoptelia integrifolia*	Aayili	ஆயா மரம், ஆயிலி
27	*Lannea coromandelica*	Odhiam	ஓதியம்
28	*Lagerstroemia speciosa*	Poo Marudhu	பூ மருது
29	*Lepisanthus tetraphylla*	Neikottaimaram	நெய் கொட்டை மரம்
30	*Limonia acidissima*	Vila maram	விளா மரம்
31	*Litsea glutinos*	Pisinpattai	அரும்பூ. பிசின்பட்டை
32	*Madhuca longifolia*	Illuppai	இலுப்பை
33	*Manilkara hexandra*	UlaikkaiPaalai	உலக்கை பாலை
34	*Mimusops elengi*	Magizhamaram	மகிழமரம்
35	*Mitragyna parvifolia*	Kadambu	கடம்பு
36	*Morinda pubescens*	Nuna	நுனா
37	*Morinda citrifolia*	Vellai Nuna	வெள்ளை நுனா
38	*Phoenix sylvestre*	Eachai	ஈச்சமரம்
39	*Pongamia pinnat*	Pungam	புங்கம்

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40	*Premna mollissima*	Munnai	முன்னை
41	*Premna serratifolia*	Narumunnai	நறு முன்னை
42	*Premna tomentosa*	Malaipoovarasu	மலை பூவரசு
43	*Prosopis cinerea*	Vanni maram	வன்னி மரம்
44	*Pterocarpus marsupium*	Vengai	வேங்கை
45	*Pterospermum canescens*	Vennangu, Tada	வெண்ணாங்கு
46	*Pterospermum xylocarpum*	Polavu	புலவு
47	*Putranjiva roxburghi*	Karipala	கரிபலை
48	*Salvadora persica*	Ugaa Maram	உகா மரம்
49	*Sapindus emarginatus*	Manipungan, Soapukai	மணிபுங்கன் சோப்புக்காய்
50	*Saraca asoca*	Asoca	அசோகை
51	*Streblus asper*	Piray maram	பிரய் மரம்
52	*Strychnos nuxvomic*	Yetti	எட்டி
53	*Strychnos potatorum*	Therthang Kottai	தேற்றான் கொட்டை
54	*Syzygium cumini*	Naval	நாவல்
55	*Terminalia belleric*	Thandri	தான்றி
56	*Terminalia arjuna*	Ven marudhu	வெண் மருது
57	*Toona ciliate*	Sandhana vembu	சந்தன வேம்பு
58	*Thespesia populnea*	Puvarasu	பூவரசு
59	*Walsuratrifoliata*	valsura	வால்சுரா
60	*Wrightia tinctoria*	Veppalai	வெப்பாலை
61	*Pithecellobium dulce*	Kodukkapuli	கொடுக்காப்புளி

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Appendix –II

Display Board
(Size 6' x5' with Blue Background and White Letters)

---கராங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/——, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி _____தேதி வரை செல்லத்தக்கதாக உள்ளது.

<table>
<tr><td rowspan="3">பசுமை பகுதி வளர்ச்சி
மேம்பாட்டுக்கான சுரங்கத் திட்டம்</td><td>குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்</td></tr>
<tr><td>சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து___மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்</td></tr>
<tr><td>காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.</td></tr>
<tr><td rowspan="2">நடப்பட்டு
பராமரிக்கப்பட வேண்டிய மரங்கள்
எண்ணிக்கை:</td><td>வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.</td></tr>
<tr><td>இரைச்சல் அளவையும் தூசி மாசுபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உள்ளிப்பாக செயல்படுத்தப்பட வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்க சட்ட விதிகள் 1955 கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்கவேண்டும் சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.</td></tr>
<tr><td colspan="2">கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.</td></tr>
<tr><td colspan="2">நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தக் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுசூழல் பாதிக்காத வண்ணம் வாகனங்களை இயக்க வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.</td></tr>
<tr><td colspan="2">சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுசீரமைப்பு செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.</td></tr>
<tr><td colspan="2">முழுமையான நிபந்தனைகளை அறிய பரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் ஏதாவது சுற்றுசூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 – 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.</td></tr>
</table>

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