

**State Expert Appraisal Committee (SEAC)**

**Minutes of 379<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) held on 12.05.2023(Friday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects**

**Agenda No. 379 – 01.**

**File No. 9480/2022.**

**Proposed construction of Residential Building Complex at Old TS. No. 3, New S.F.No 6/1, 6/2 & 6/3, Block No 31 of Venkatapuram Village, Guindy Taluk, Chennai District, Tamilnadu by M/s. DLF IT Offices Chennai Private Limited – For Terms of Reference (ToR). (SIA/TN/INFRA2/428691/2023 Dt:10.05.2023)**

Earlier, this proposal no. (SIA/TN/MIS/81600/2022) Dt:03.08.2022 was placed in the 326<sup>th</sup> SEAC Meeting held on 04.11.2022 & 345<sup>th</sup> SEAC meeting held on 10.1.2023 and the SEAC noted that the PP has not produced any documentary evidence to allow the proposals within 1 km radius of Guindy National Park, as per the Supreme Court's order as reported in 2022 Live law (SC) 540 dated 3rd June, 2022. Therefore, SEAC decided not to recommend the proposal for grant of Terms of Reference. Subsequently, the proposal was placed in the 590<sup>th</sup> Authority meeting held on 09.02.2023 and the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 10.01.2023. The details of the minutes are available in the website (parivesh.nic.in).

Now, the proposal was placed in 379<sup>th</sup> SEAC meeting held on 12.05.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. Hon'ble Supreme Court Order in the case of W.P (Civil) No. 202 of 1995 Dt: 03.06.2022 & 26.04.2023.
2. MoEF&CC, (Wild Life Division) vide Lr. F. No. 10 – 67/2013 WL Dt:09.12.2014 regarding acceptance of declaration of "Zero Metre" ESZ around Guindy National Park.
3. Now, the Proponent, M/s. DLF IT Offices Chennai Private Limited has submitted Fresh application vide proposal No. SIA/TN/INFRA2/428691/2023 Dt:10.05.2023 seeking Terms of Reference (ToR) for the proposed construction of Residential Building Complex at Old TS. No. 3, New S.F.No 6/1, 6/2 & 6/3,

  
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Block No 31 of Venkatapuram Village, Guindy Taluk, Chennai District, Tamilnadu.

4. The project/activity is covered under category "B" of Item 8 (b) "Township & Area development" of the schedule to the EIA Notification, 2006.
5. Total Plot area proposed – 22,484 Sqm. The total built-up area proposed – 1,61,473 Sqm. (Blocks 6 Nos. of G+19 Floors each & a Club House Block (G+2 Floor) with Combined triple basement floor with 421 Nos. of dwelling units.

Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to **recommend the proposal for the grant of Terms of Reference (ToR)**, subject to the following ToRs in addition to the standard terms of reference for EIA study and details issued by the MoEF & CC to be included in EIA/EMP report:

1. **The proponent shall furnish the details of sewage treatment technology for this proposal and also furnish the design details of the said STP along with adequacy report from any one of the reputed Educational Institution.**
2. **The PP & EIA coordinator shall furnish affidavit for the details and current purpose of the said old building (Site office) in regard to this proposal.**
3. **The PP shall furnish the proposal for the design of the proposed development shall meet green building norms regard to minimum of IGBC Gold ranking. If possible IGBC Platinum.**
4. **The PP shall furnish affidavit for operation of STP& OWC on BOT basis for 10 Years.**
5. **The PP shall furnish NOC from Airport Authority.**
6. **The PP shall furnish proposal for utilization of at least 50% of roof top area for harnessing Solar Energy for common area lighting and Solar water heater shall be included in the EIA/EMP report.**
7. **The proposal to 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.

8. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
9. 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.
10. Commitment letter from competent authority for supply of water shall be furnished.
11. Copy of the village map, FMB sketch and "A" register shall be furnished.
12. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
13. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
14. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
15. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
16. Details of the Rain water harvesting system with cost estimation should be furnished.
17. 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.
18. 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.

  
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19. The layout plan shall be furnished for the greenbelt area earmarked with GPS co ordinates 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.
20. 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.
21. 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.
22. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.

**Agenda No. 379 - 02.**

**File No. 10014/2023.**

**Proposed construction of Residential Building Complex at Block No. 7, T.S No. 2/1, 2/2, 2/3 Adayar Village, Guindy Taluk, Chennai District Tamilnadu by M/s. Baashyamm Infrastructure Pvt Ltd – For Terms of Reference (ToR). (SIA/TN/INFRA2/427361/2023 Dt: 27.4.2023.**

Earlier, this proposal was placed in the 326<sup>th</sup> SEAC Meeting held on 04.11.2022 & 346<sup>th</sup> SEAC meeting held on 10.1.2023. The details of the minutes are available in the website (parivesh. nic. in).

The SEAC noted the following:

1. The Proponent, M/s. Baashyamm Infrastructure Pvt Ltd has applied for Terms of Reference (ToR) for the Proposed construction of Residential Building Complex at Block No. 7, T.S No. 2/1, 2/2, 2/3 Adayar Village, Guindy Taluk, Chennai District Tamilnadu.
2. The project/activity is covered under category "B" of Item 8 (b) "Area development " of the schedule to the EIA Notification,2006.

  
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3. Total land area available is 22822 Sqm. The total built-up area of the proposal is 177762.34 Sqm.

SEAC pointed out that as the proposed site falls within 1 km radius of Guindy National Park, the project may have to be disallowed as per the Supreme Court's order as reported in 2022 Live law (SC) 540 dated 3rd June, 2022. The PP requested additional time to study the applicability of Supreme Court's order to the proposal under examination.

Hence the committee decided to defer the proposal.

Now, this proposal has again been placed in 345<sup>th</sup> SEAC meeting held on 10.1.2023. The SEAC noted that the PP has not produced any documentary evidence to allow the proposals within 1 km radius of Guindy National Park, as per the Supreme Court's order as reported in 2022 Live law (SC) 540 dated 3rd June, 2022. Therefore SEAC decided that not to recommend the proposal for grant of Terms of Reference.

**The SEAC noted the following:**

1. Hon'ble Supreme Court Order in the case of W.P (Civil) No. 202 of 1995 Dt: 03.06.2022 & 26.04.2023.
2. MoEF&CC, (Wild Life Division) vide Lr. F. No. 10 – 67/2013 WL Dt:09.12.2014 regarding acceptance of declaration of "Zero Metre" ESZ around Guindy National Park.

Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to **recommend the proposal for the grant of Terms of Reference (ToR)**, subject to the following ToRs in addition to the standard terms of reference for EIA study and details issued by the MoEF & CC to be included in EIA/EMP report:


1. The proponent shall furnish the details of sewage treatment technology for this proposal and also furnish the design details of the said STP along with adequacy report from any one of the reputed Educational Institution.
2. The PP & EIA coordinator shall furnish affidavit for the details and current purpose of the said old building (Site office) in regard to this proposal.
3. The PP shall furnish the proposal for the design of the proposed development to meet green building norms of IGBC Platinum.

  
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4. The PP shall furnish affidavit for operation of STP& OWC on BOT basis for 10 Years.
5. The PP shall furnish NOC from Airport Authority.
6. The PP shall furnish proposal for utilization of at least 50% of roof top area for harnessing Solar Energy for common area lighting and Solar water heater shall be included in the EIA/EMP report.
7. The proposal to 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.
8. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
9. 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.
10. Commitment letter from competent authority for supply of water shall be furnished.
11. Copy of the village map, FMB sketch and "A" register shall be furnished.
12. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
13. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
14. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
15. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.

  
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16. Details of the Rain water harvesting system with cost estimation should be furnished.
17. 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.
18. 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.
19. The layout plan shall be furnished for the greenbelt area earmarked with GPS co ordinates 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.
20. 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.
21. 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.

The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.

**Agenda No: 379-03**

**(File No: 9583/2022)**

**Proposed Expansion of Commercial Tower in the Existing Mall at T.S.Nos. 5/2, 5/3, 6/2 & 6/3 of Velachery Village, Guindy-Mambalam Taluk, Chennai District, Tamil Nadu by M/s. Classic Mall Development Company Limited, M/s. Classic Housing Projects Pvt. Ltd & M/s. Starboards Hotel Private Ltd - For Terms of Reference (SIA/TN/INFRA2/407466/2022, dated 22.11.2022)**

  
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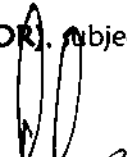
The proposal was placed in 379<sup>th</sup> SEAC meeting held on 12.05.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponents, M/s. Classic Mall Development Company Limited, M/s. Classic Housing Projects Pvt. Ltd & M/s. Starboards Hotel Private Ltd has applied for Terms of Reference for the Proposed Expansion of Commercial Tower in the Existing Mall at T.S.Nos. 5/2, 5/3, 6/2 & 6/3 of Velachery Village, Guindy-Mambalam Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(b) "Townships and area developments" of the Schedule to the EIA Notification, 2006.
3. Earlier, EC was accorded to the project proponent vide Lr.No.SEIAA-TN/F.No.7415/EC/8(b)/781/2021 dated.23.08.2021.
4. The earlier EC was accorded for a total built-up area of 3,12,044 sq.m.
5. Now, the proponent has submitted an application for Terms of Reference for a built-up area of 3,19,005.28. The increase in built-up area is due to the proposed expansion in the already approved Tower D from a built-up area of 39,977 Sq.m to 46,938.28 Sq.m.
6. Earlier, the proposal was placed for appraisal in the 346<sup>th</sup> meeting of SEAC held on 12.01.2023. Based on the presentation and details furnished by the project proponent, the SEAC noted that Guindy National Park is situated at a distance of less than 500m from the project site. The proponent requested the Committee to grant time to obtain Legal Opinion on the applicability of Supreme Court's order as reported in 2022 Live law (SC) 540 dated 3rd June, 2022 for expansion activities in the existing buildings. SEAC, therefore, decided to defer the proposal,
7. Subsequently, the proponent has submitted a reply vide letter dated.10.04.2023.
8. In view of this, the proposal is again placed in this 379<sup>th</sup> SEAC meeting held on 12.05.2023.

Based on the presentation made by the proponent and the documents furnished, SEAC decided to recommend the proposal for the grant of Terms of Reference (TOR), subject


  
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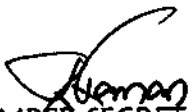
to the following TORs, in addition to the standard terms of reference for EIA study and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The PP shall incorporate the details of Green belt area from existing 9% to 15% in the EIA report.
2. The proposal should achieve minimum of LEEDS Platinum green building norms and shall obtain LEED certificate.
3. The proponent shall furnish a detailed action plan to comply the non-compliance conditions mentioned in the Certified Compliance report dated.08.09.2022 obtained from IRO, MoEF&CC, Chennai for the ECs obtained earlier vide letters dated.20.09.2010, 09.10.2017 & 23.08.2021.
4. At least 50% of the roof area shall be covered with Solar panels and utilization of the solar energy should not be less than 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc. The proposal for utilization of at least 10% of Solar Energy shall be included in the EIA/EMP report.
5. The proponent shall furnish the design details of the STP treatment system.
6. The STP should be installed and maintained on BOT basis. It should be under the supervision and maintenance of the vendor for at least 10 years.
7. The PP shall explore construction of 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 structure which was crucial to the overall eco-system.
8. 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.
9. Commitment letter from competent authority for supply of water shall be furnished.

  
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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 space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
13. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
14. Details of the E-waste management plan shall be prepared as per E-waste Management Rules,2016 and shall be furnished.
15. Details of the rain water harvesting system with cost estimation should be furnished.
16. 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.
17. 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.
18. The proponent shall furnish the specific plan for the plantation.
19. 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.
20. 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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21. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the ground water, emission, noise and traffic.

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 furnish the detailed EMP.

**Agenda No: 379 -04**

**(File No: 9421/2022)**

**(SIA/TN/MIS/284803/2022 dated 22.07.2022).**

Earlier, the proposal was placed in 326<sup>th</sup> Meeting of SEAC held on 04.11.2022. SEAC pointed out that as the proposed site falls within 1 km radius of Guindy National Park, the project may have to be disallowed as per the Supreme Court's order as reported in 2022 Live law (SC) 540 dated 3rd June, 2022. The PP requested additional time to study the applicability of Supreme Court's order to the proposal under examination. Hence the committee decided to defer the proposal.

Based on the Direction of Hon'ble Supreme Court Order in the case of W.P (Civil) No. 202 of 1995 Dt: 26.04.2023, this proposal was placed in this 379<sup>th</sup> Meeting of SEAC held on 12.05.2023.

1. The environmental clearance is sought for Proposed Construction of High-Rise Building for Residential purpose at Block No. 16, T.S. No. 9/1 of Velachery Village, Velachery Taluk, Chennai District, Tamilnadu by the M/s. IVAR Estates Private Limited.
2. **M/s Ecotech Labs Private Limited** is the EIA Consultant for the project.
3. Total plot area of the project is **5004.45 Sqm** and the built-up area is **29770 Sqm** respectively.
4. Maximum number of floors will be **Extended Double Basement Floor + Stilt (part) cum Ground Floor (Part) + 12 floors + 13<sup>th</sup> floor (part) with 74 dwelling units and Multi Function Hall, Gym & Swimming Pool in 13<sup>th</sup> Floor (Part).** and maximum height of the building will be 48 m.
5. Total Saleable DU's (dwelling units) is **74 Numbers**.
6. Salient features of the project as submitted by the project proponent:

  
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PROJECT SUMMARY			
Sl. No.	Description	Total Quantity	Unit
<b>GENERAL</b>			
1	Plot Area	5004.45	SQMT
2	Proposed Built Up Area	29770	SQMT
3	Total no of Saleable DU's/Villas	74	No.
4	Max Height - (Height of tallest block)	48	M
5	No of Building Blocks (Residential + Community facilities)	1 block	
6	Max No of Floors	13	No.
7	Expected Population	535	No.
8	Total Cost of Project	82.111	CR
9	Project Activity :		
<b>AREAS</b>			
10	Permissible Ground Coverage Area (50%)	2502.225	SQMT
11	Proposed Ground Coverage Area (42.24%)	1815.69	SQMT
12	Permissible FSI Area (xxx) (premium- 4.8)	24021.36	SQMT
13	Proposed FSI Area- 4.318	21120	SQMT
14	Other Non FSI Areas - including basement area etc.	8650	SQMT
15	Proposed Total Built Up Area	29770	SQMT
<b>WATER</b>			
16	Total Water Requirement	69	KLD
17	Fresh water requirement	45	KLD
18	Treated Grey Water Requirement	40	KLD
19	Wastewater Generation (Greywater)	42	KLD
20	Proposed Capacity of STP(GWTP)	50	KLD

  
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21	Treated Water Available for Reuse	22	KLD
22	Treated Water Recycled	2	KLD
23	Surplus treated water to be discharged in Municipal Sewer with Prior permission, if any	38	KLD
<b>RAINWATER HARVESTING</b>			
24	Rainwater Harvesting - Recharge Pits	18	No.
25	Rainwater Harvesting Sump Capacity	50	M <sup>3</sup>
<b>PARKING</b>			
25	Total Parking Required as / Building Bye Laws	213	ECS
26	Proposed Total Parking	213	ECS
27	Parking in Basements	144	ECS
<b>GREEN AREA</b>			
28	Proposed Green Area (Minimum 15.0% of plot area)	667.5	SQMT
	Total area	5004.45	
	Existing trees on plot	20	
	Number of trees to be planted	70	
	Number of trees to be transplanted/cut		
<b>SOLID WASTE MANAGEMENT</b>			
29	Total Solid Waste Generation	0.254	TPD
30	Organic waste	0.102	TPD
31	Mode of Treatment & Disposal	Will be treated in Organic Waste Converter and used as manure for gardening	TPD
32	Quantity of Sludge Generated from STP & Disposal	0	KG/DAY
33	Quantity of E-Waste Generation & Disposal	-	KG/DAY
34	Quantity of Hazardous waste Generation & Disposal	-	LPD

  
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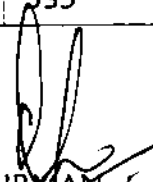
  
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POWER / GREEN POWER			
34	Total Power Requirement	1000 KVA	KW
35	DG set backup	320	KVA
36	No of DG Sets	1	No.
37	Solar Panels – Roof Coverage	50	%
38	Hot Water Requirement	635 litres	
	Of which met by Solar Panels		

**Population details:**

POPULATION			
Residential	DU'S	POP/DU	TOTAL POPULATION
Total Saleable Du's	74		482
Total			
Non Residential			
CLUB house (Employees etc. )			
Club			
Commercial			
Facility Management Staff			5
Total			
Visitors			48
Residential			
Club/Community Hall			
Commercial			
Total Visitors			
Total Population			535

  
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7. The project proposal falls under Category-8(a) Building and Construction Projects of EIA Notification, 2006 (as amended).

### RECOMMENDATION OF THE COMMITTEE

The Committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

#### Additional Conditions:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
3. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. 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.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.

  
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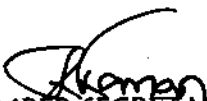
  
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7. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
10. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
11. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
12. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.
13. As accepted by the Project Proponent the CER cost is Rs.80 Lakhs and the amount (i) Rs.40L shall be spent for the committed activities for Corporation Higher Secondary School(300m, NW), Guindy and Government Higher Secondary School, Guindy (1.1km, S) (iii)Rs.40L Fund to Wild life warden, Chennai for conservation of black buck before obtaining CTE from TNPCB.

Standard Environmental Clearance Conditions prescribed by MoEF & CC:

#### 1. Statutory Compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

  
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2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for nonforest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

**2. Air quality monitoring and preservation:**

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.

  
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3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

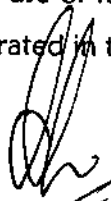
**3. Water Quality Monitoring and Preservation:**

  
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1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

  
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10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be

reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.


20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

**4. Noise Monitoring and Prevention:**

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of sixmonthly compliance report.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**5. Energy Conservation Measures:**

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and

  
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thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

#### **6. Waste Management :**

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.

  
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6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

**7. Green Cover:**

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be

  
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ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

#### 8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.




#### 9. Human Health Issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

#### 10. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of sixmonthly report.

  
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3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).

**11. Miscellaneous:**

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

  
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6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

  
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15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**Agenda No. 379-05**

**File No. C.No. 6013/2023**

**Dalmia Bharat Sugar and Industries Ltd at Chettichavadi Jaghir Magnesite and Dunite Mines, to an extent of 449.364 Ha in Chettichavadi village, Salem Taluk and District, Tamilnadu. Salem District Survey Report for Dunite to be approved by SEIAA, Tamilnadu as per Minutes of Meeting of EAC, MOEF, New Delhi dated 17.01.2023-Reg**

Earlier, the proposal is placed in this 361<sup>st</sup> meeting of SEAC held on 10.03.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following**

- M/s Dalmia Bharat Sugar and Industries Ltd at Chettichavadi Jaghir Magnesite and Dunite Mines, to an extent of 449.364 Ha in Chettichavadi village, Salem Taluk and District, Tamilnadu has obtained ToR from MoEF&CC on 05.02.2021. Subsequently, the Public Hearing was conducted and final EIA/EMP report was submitted to MOEF on 29.11.2021.
- The MOEF in it's 9<sup>th</sup> EAC Meeting held on 17.01.2023 has instructed the PP to furnish on the points below, besides other details to be provided by the PP.

1. The Project Proponent needs to submit the District Survey Report for Dunite to be approved by the SEIAA, Tamil Nadu.

- Based on that the PP has furnished the Color xerox of Salem District Survey Report approved and signed by Deputy Director, Department of Geology and Mining, Salem and the District Collector, Salem requested the SEIAA for necessary recommendation vide Lr Dt. 31.1.2023 received on 23.2.2023.

The Proposal was placed in 597<sup>th</sup> Authority meeting held on 27.2.2023 and Authority decided to refer the proposal to SEAC for necessary remarks on District Survey Report furnished by the PP.

  
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The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Again, this proposal was placed in 379<sup>th</sup> SEAC meeting held on 12.5.2023. Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to constitute a sub-committee to examine the DSR submitted by the PP. On the receipt of the sub-committee report further deliberation will be carried out.

**AGENDA ITEM No: 379- 06**

**File No: 8788/2021**

**Proposed Desilting of Parapalar Reservoir over an extent of 25.31.7 Ha located at S.F. No. 225,226 & 227, Reserve Forest, Vadakadu Village, Oddanchatram Taluk, Dindigul District by The Executive Engineer , PWD/WRD, Nanganjiyar Basin Division, Palani - For Environmental Clearance (SIA/TN/MIN/425804/2023 dated: 11.05.2023)**

The proposal was placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The PP made a detailed presentation on the project activity.

**The SEAC noted the following:**

1. The project proponent, the Executive Engineer, PWD/WRD, Nanganjiyar Basin Division, Palani has applied for Terms of Reference for the proposed desilting of Parapalar Reservoir over an extent of 25.31.7 Ha located at S.F. No. 225, 226 & 227, Reserve Forest, Vadakadu Village, Oddanchatram Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under "B1" category of Item 7(e) "Ports, Harbours, breakwaters, dredging" of the Schedule to the EIA Notification, 2006, amended.
3. ToT Lr. No. SEIAA-TN/F.No.8788/SEAC/ToR- 1062/2022 dt.17.02.2022.
4. Public Hearing conducted on 28.02.2023.

Sl. No	Details of the Proposal	:	Data Furnished
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1.	Name of the Owner/Firm	:	M/s. The Executive Engineer Public Works Department/WRD Nanganjiyar Basin Division Palani Taluk Dindigul District-624601
2.	Type of quarrying (Savudu/Rough Stone/Sand/Granite)	:	Sand & Silt
3.	S.F No. Of the quarry site with area break-up	:	225,226 & 227
4.	Village in which situated	:	Vadakadu
5.	Taluk in which situated	:	Oddanchatram
6.	District in which situated	:	Dindigul
7.	Extent of quarry (in ha.)	:	25.31.7Ha (Government Land)
8.	Period of quarrying proposed	:	5 years
9.	Type of mining	:	Opencast Mechanized Mining Method of shallow mining without drilling and blasting.
10.	Production Quantity in m <sup>3</sup>	:	553936m <sup>3</sup> of Silt and 30191m <sup>3</sup> of Sand
11.	Annual Peak production in m <sup>3</sup>	:	118023m <sup>3</sup> of Silt and 20793m <sup>3</sup> of Sand
12.	Highest elevation in m	:	554m AMSL
13.	Water Spread Area in Ha	:	19.71.5 Ha
14.	Latitude & Longitude of all corners of the quarry site	:	10°24'53.62"N to 10°26'30.60"N & 77°40'39.56"E to 77°42'00.28"E
15.	Topo Sheet No.	:	58- F/11
16.	Man Power requirement per day:	:	29 Nos
17.	G.O	:	Gazette (2D) No.72, Public Works Department Dated: 18.08.2021
18.	Precise area communication approved by the District Collector of Geology and Mining with date	:	RC.No.459/2015(Mines), dt: 01.09.2021
19.	Mining Plan approved by Assistant Director, Department of Geology and Mining with date	:	RC.No.459/2015(Mines), dt: 09.09.2021
20.	Water requirement: 1. Drinking & domestic purposes (in KLD)	:	0.4 KLD  10.0 KLD

	2. Dust suppression , Green Belt & Wet Drilling (in KLD)	
21.	Power requirement a. Domestic Purpose b. Industrial Purpose	TNEB 97350 Liters of HSD
22.	Depth of quarrying	: 3.56m
23.	Depth of water table	: 5m from ground profile
24.	Whether any habitation within 300m distance	: No
25.	Project Cost (excluding EMP cost)	: Rs. 41.25 Lakh
26.	EMP cost	: Capital cost- Rs.7,13,170 Recurring cost/Annum- Rs.13,10,644+5% inflation cost from 2 <sup>nd</sup> year
27.	Assistant Director, mines 500m cluster letter	RC No.459/2015(Mines), dt: 09.09.2021.
28.	VAO certificate regarding 300m radius cluster	Letter dated: 13.09.2021

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant Environmental Clearance for desilting the Parapalar Reservoir over an extent of 25.31.7 Ha located at S.F. No. 225, 226 & 227 Vadakadu Village, Oddanchatram Taluk, Dindigul District as per the provisions given under EIA Notification, 2006 as amended subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:

1. Desilting operation shall not increase the capacity of the reservoir beyond its original size.
2. The PP shall deploy only two number of hydraulic excavators with bucket capacity 0.9 cu.m for the desilting purposes.
3. The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
4. The desilting procedure should be done in consonance with the Standard Operating Procedure (SOP) adopted for desiltation of the reservoirs by the State of Tamil Nadu. It may also be noted that SOP prevails over all anomalies or ambiguities concerned with the desiltation.

  
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vide quantities in the above Table Rows 10 & 11,  
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5. After and during the desiltation process, Integrated Bathymetric Study as well as Sub Bottom Profiling shall be conducted to assess the quantum of sediments removed. The Initial sounding level and final sounding level shall be reported.
6. Dredging shall be carried out in confined manner to reduce the impacts on environment.
7. Turbidity should be monitored during the dredging. There shall not be any increase in the turbidity of the water due to desilting operations. Standards of Tamil Nadu Pollution Control Board shall be followed in relation to the treated water to be released to natural streams/reservoir
8. No underwater blasting operation is permitted.
9. Desilting will only be permitted 200m away from the body of the dam.
10. Dredged material shall be used for soil nourishment and left out material should be disposed safely in the designated areas so that the dumped dredged material does not enter the channel. With the enhanced quantities, the impact of dumping on the environment should be studied and necessary measures shall be taken on priority basis if any adverse impact is observed.
11. An independent monitoring be carried out by any Government Agency/Institutes such as NIOT, Chennai, IIT-Madras and Division of Soil Mechanics -Anna University, Chennai to evaluate the impacts during dredging operations.
12. The details shall be submitted along with the six-monthly monitoring report.
13. Sewage generated shall be treated through septic tanks - soak pit system.
14. Ecological studies and its mitigation measures for protection of biodiversity as given in the EIA-EMP Report shall be complied with in letter and spirit.
15. While dredging, sediment should be monitored fortnightly at source and disposal location of dredging.
16. Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.
17. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.

  
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18. The recovered silt shall not dump the dredged material in or near drainage lines as there is an increased risk of the nutrient-rich silt washing back into the dam, or into the next dam downstream, or washing into rivers and wetlands causing eutrophication.
19. Spread the silt with a particularly high nutrient content onto poor sandy soils. The 'claying' effect reduces water repellence, increases water and nutrient holding capacity of the soil and reduces susceptibility to wind erosion. These factors together may give reasonable crop and pasture yield increases.
20. Avoid spreading silt with a high salt content. Silt from a dam with high salinity water will have high levels of salt. Test the salt level of the silt and receiving paddock, and seek advice if the levels are high enough to reduce crop or pasture growth.
21. The PP shall evaluate the hydraulic loading on the existing sluice gates due to the proposed activity so as to ensure the stability of sluice gates and dam.
22. The PP shall ensure that desilting of reservoir by removing deposited sediments using suitable methods such as pneumatic suction pumps or GPS enabled cutter suction dredgers or any similar equipment or sophisticated machines, hydraulic excavators from the locations defined and for a depth specified in the desilting plan which shall in no case go beyond the original bed level of the reservoir.
23. The PP shall treat the water pumped along with the sediments from reservoir to retrieve the quality of water to that of reservoir water quality before desilting and allow the treated water to flow back to the reservoir.
24. The PP shall restore the reservoir ecological balance after desilting operation.
25. Baseline water quality data of the reservoir water shall be analysed. The baseline parameters should be analysed every three months.
26. Withdrawal of sediments shall only be carried out from the stipulated locations of reservoir area, as per the approved mining plan.
27. The trucks used for transport of the desilted material/sand shall be well covered to reduce pollution problems.
28. After the entire process is completed, debris shall be moved to the areas outside the premises of the dam premises.

  
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29. The portion of the right-of-way where required for constructing the work under these specifications shall be cleared of all trees, bushes, rubbish and other objectionable matter. Trees shall not be cut and shall be protected from injury. The clearing operation shall be in accordance with Indian Code of Practice for earth work in canals. Surface boulders either loose or partly embedded in the ground will have to be removed and stacked as directed. The area described or shown on the relevant site plan shall be cleared of all obstructions, loose stones, non-required materials and rubbish of all kinds. All brushwood shall be cleared and the roots grubbed up.
30. The desilted proceeds can be removed only upto original contour level at the time of impounding reservoir.
31. All holes or hollows, whether originally existing or produced by digging up roots shall be carefully filled up with earth, well rammed to the design density and levelled off, as may be directed.
32. The area for sediment stacking and processing yard shall be selected taking into account the following factors.
- Areas considered as environmentally sensitive such as wetlands and streams, historical sites, river floodway etc. shall be avoided.
  - For economy, the site shall be located at technically feasible distance towards the downstream side of the reservoir.
  - The site shall be isolated from populated areas where the pipelines and other equipments may be considered a nuisance, a safety hazard, aesthetically unpleasant etc.
  - The long term impacts of wind-blown silt that can originate from the disposal area after it dries shall also be considered.
  - The site shall provide the operational flexibility needed for the job, such as the ability to discharge the dredged material at different points as it moves.
  - The site shall be suitable for the future reuse.
33. The sucked water which is discharged after sediment separation shall be treated and reverted to natural streams/pipelines/reservoir. The water discharged to the natural streams shall strictly adhere to the standards specified by the Tamil Nadu

Pollution Control Board. Untreated water shall not be discharged into the rivers/streams/reservoir under any circumstance.

34. The process of pumping the entire materials from reservoirs directly to the separating & packing plants through pipelines will ensure minimum environmental and social disturbance. The PP shall ensure that the pipeline conveyance of de-silted material shall not affect the environment as well as the people residing in the area.
35. Removal of sediments shall be in accordance with the Standard Operating Procedure (SOP) and strictly adhering to the safety conditions and logistical guidelines stipulated by the Government. The program for desiltation shall be completed within the permitted period. All stationary norms are to be ensured.
36. The silt removed must be completely evacuated out of the project site and also the useful and waste products obtained from the silt extraction should be totally removed. Total evacuation of wanted or unwanted material obtained as silt or project site.
37. If during desiltation, any precious material (having a value 20 times that of the price of the costly desilted product) is found, it will be the sole property of the Government.
38. The accumulated sediments shall be removed only from within the boundary and sectors earmarked by Department. De-silting adjacent to the dam structure shall be under the close monitoring of Tamil Nadu Dam Safety Authority. The entire area of dam premise should be camera installed with boomed check post at entrance with counters to evaluate the number of loads a day. Also CCTV surveillance systems shall be installed at the separation yard for monitoring the activities. The District Collector shall post an Inspector at the separation site for monitoring.
39. The PP shall ensure there are any damages occurred to the dam due to desilting activity.

**40. EMP for De-silting Operations:**

The EMP comprises of a series of components covering direct mitigation and environmental monitoring, an outline of waste management plan and a project

  
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site restoration plan. The mitigation measures shall be meticulously followed to ensure efficient environmental management during the de-silting operations.

#### **Land Environment**

- Demarcation of dredging and excavation area with pillars and geo-referencing should be done prior to start of de-silting.
- Excavation for removal of sediments shall not be done up to a distance of 200 m from the dam.
- **Depth of excavation should be restricted to 3 meter and distance from the bank should be 3 meter or 10 percent of the river/stream width whichever less. No excavation shall be done beyond the reservoir area into the river/stream. The depth of excavation shall not exceed the original bed level of the reservoir.**
- Catchment area treatment may be prioritized. Better coordination between the Forest Department and Irrigation Department may be ensured.
- The debris and the topsoil shall be stacked separately and used for catchment area treatment.
- Restricting site vegetation clearance to the minimum needed to provide adequate and safe working space for all the activities which will be carried out on the site
- Green belt/plantation shall be developed all along the haul roads and other places to arrest dust.
- On completion of de-silting operations all machinery and equipment, surplus materials and wastes should be completely removed. Stockpiles if any should be provided with gentle slopes.
- Burning of wastes on site shall be prohibited. A waste management plan should be prepared and complied with.

#### **Water Environment**

- Settling tanks and purifying facilities should be established for reducing turbidity. Harmless coagulants used for drinking water treatment such as alum or poly electrolyte can be used as coagulation aids for settling

the sedimentation. The scheme of wastewater treatment proposed shall include detention ponds with geo-membrane liner, coagulant dosing and primary settling and ponds for filtration. The filtration ponds shall have geo-membrane liner and graded sand as filtration media.

- Excavation shall be done only in the dry season to avoid any disturbances affecting the water quality in the reservoir water.
- Labourers should be provided with adequate quantity of drinking water of potable quality.
- Sufficient and appropriate sanitary facilities should be provided in order to maintain hygienic conditions. Septic tanks followed by soak pits shall be used for disposal of sewage.
- Area for maintenance of vehicles should be so located that contamination of reservoir water or surface water by accidental spillage of oil can be prevented. Such areas shall be provided with an impermeable base and drainage systems which discharge through efficient oil and grease traps.
- Storm water management shall be done by providing adequate drainage facilities.

#### **Air Environment**

- The transporting vehicles shall not be over loaded.
- Repair and maintenance of the roads shall be done as and when required.
- Water sprinklers shall be used to minimize the air borne dust emissions on haul roads and all the haul roads shall be paved with bitumen to prevent any dust generation.
- PUC certified vehicles shall be used for transportation.
- If DG sets are used as source of power or back up, they shall be as per CPCB prescribed standards for emission and stack heights.
- Any waste oil generated shall not be incinerated and will be sold to authorized waste oil recyclers

  
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- The storage and handling of soil, sub-soils, top-soils and materials shall be carefully managed to minimize the risk of windblown material and dust
- Engines and exhaust systems of all vehicle and equipment shall be maintained so that exhaust emissions do not exceed statutory limits and that all vehicles and equipment are maintained in accordance with manufactures' manuals. Periodic monitoring of this shall be undertaken to ensure compliance.
- Ambient air quality with respect to SPM, RPM, SO<sub>2</sub>, NO<sub>x</sub>, H<sub>2</sub>S and CO monitoring shall be continued at appropriate locations.

#### **Noise and Vibration**

- Earth movers and other machinery with low noise levels shall be used. Acoustic barriers and silencers should be used in equipment wherever necessary
- Periodic maintenance of various machinery and transportation vehicles should be undertaken
- Onsite workers should be provided with noise protection devices such as ear plugs/ muffs wherever necessary and their proper usage will be ensured for eardrum protection of the workers.
- Periodic monitoring for the noise levels within the project site and along the outside project boundary shall be undertaken to ensure compliance per CPCB set standards
- De-silting operations shall not be carried out in the night hours.
- Monitor job and location specific noise levels for compliance with HSE regulations by verifying acceptability of noise levels caused by the project activities and comparison with noise criteria
- Feedback from the monitored noise levels at sensitive locations shall be taken to ensure that the impact due to high noise levels is practically minimized

#### **Biological Environment**

- The region does not have dense vegetation which requires clearance. ~~The vegetation in the processing location needs to be cleared.~~

- Many spawning habitats require a specific sediment size and too fine of sediment can end up smothering the eggs and other benthic creatures. Too much sediment deposition can also bury habitats and even physically alter a waterway. Excessive levels of suspended load tend to have negative impacts on aquatic life. Suspended sediment can prevent light from reaching submerged vegetation and clog fish gills. Hence there shall be constant monitoring of the downstream water quality.
- No washing, crushing, screening, stockpiling, or plant operations should occur at or below the streams "average high water elevation," or the dominant discharge. These and similar activities have the potential to release fine sediments into the stream, providing habitat conditions harmful to local fish and benthic flora and fauna.
- Development of green belt with carefully selected plant species is of prime importance due to their capacity to reduce noise and air pollution impacts by attenuation/assimilation and for providing food and habitat for local micro fauna.

#### **Socio Economic Environment**

- Given that the de-silting operations do not require huge quantities of power or water, the only likely impact on infrastructure would be on the roads, for transporting the processed sediments. Considering the high traffic emanating during the transportation of processed sediments, an effective traffic management scheme should be developed to avoid congestion on the nearby and local roads.
- Local persons will get employment due to the de-silting operations which can compensate the loss of pisci-culture in the reservoir due to the de-silting operations.
- Socio-cultural conflicts between the workforce and local communities can be avoided, if the majority of the operators and workforce are local inhabitants. Employing local labour will avoid the requirement of providing onsite accommodation to the workforce.

  
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### Health and Safety

- Proper signage shall be used at mining site as well as the transportation route.
- The movement of heavy equipment should be done with proper precaution to prevent any accidents on the road or at the reservoir site or processing locations.
- Occupational risk should be minimized at the project site through implementation of a full proof safety system.
- Safety training should be provided to all construction workers on operation of equipment. Security should also be extended during non-working hours to ensure there is controlled access to the machinery and equipment.
- The contractors should also be vigilant to detect workers showing symptoms of communicable diseases. All illness and incidents shall be reported and recorded.

41. 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 address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

#### **Agenda No: 379 - 07**

**(File No: 4793/2018)**

**Existing Grey Granite (Paradiso) Mine Lease over an extent of 1.21.0 Ha at S.F.No. 438 (part) in Jagadevipalayam Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by Tmt.S. Naseera – For Environmental Clearance (SIA/TN/MIN/37047/2015 dated 30.12.2015)**

The proposal is placed in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project are available in the website (parivesh.nic.in).

#### **The SEAC noted the following:**

1. The project proponent, **Tmt.S. Naseera** has applied for Environmental Clearance for the Existing Grey Granite (Paradiso) Mine Lease over an extent of 1.21.0 Ha

  
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at S.F.No. 438 (part) in Jagadevipalayam Village, Bargur Taluk, Krishnagiri District, Tamil Nadu.

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. Earlier, the proponent's request to extend the validity of ToR issued under violation category vide Lr.No.SEIAA-TN/F.No.4793/ToR-477/2018 dated.07.06.2018 was placed in the 308<sup>th</sup> meeting of SEAC held on 01.09.2022. During the presentation the proponent replied as follows:

*"We have submitted the application seeking Terms of Reference for Environmental Clearance for the existing Grey Granite (Paradiso) quarry over an extent of 1.21.0 Ha in S.F.Nos.438 (Part) at Jagadevipalayam village of Krishnagiri Taluk, Krishnagiri District under violation category.*

*As per the National Green Tribunal, Southern Zone, Chennai Original application no.136/2017 (SZ), dated.30.06.2020, our quarry lease does not attract violation and 100% cost penalty, the lease may be as normal application.*


*Hence, we would like to withdraw the above-mentioned proposals and also we have withdrawn the Terms of Reference online proposal no.SIA/TN/MIN/27188/2018 dated on 11.09.2017 and Terms of Reference online proposal no.SIA/TN/MIN/23825/2018 dated on 07.04.2018, Online Proposal No.SIA/TN/MIN/211252/2021 dated 30.07.2021 (terms of reference) – TOR Extension and Online Proposal No.SIA/TN/MIN/269653/2022 dated.26.04.2022 (terms of reference) – TOR Extension and kindly consider the same.*

*We would like to withdraw the above-mentioned proposals which was submitted to SEIAA"*

The Committee after detailed discussions, considered the reasons specified by the PP and decided that SEIAA may accept the TOR 'withdrawal request' of the proponent.

4. Subsequently, the proponent's proposal for Environmental Clearance was placed in the 359<sup>th</sup> meeting of SEAC held on 02.03.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the

  
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proposal for the grant of Environmental Clearance subject to the conditions stated therein.

5. Subsequently, the proposal was placed in 605<sup>th</sup> meeting of authority held on 28.03.2023. The Authority during deliberations, noted the following:

1. From the letter dated.20.02.2023 issued by Commissioner, Department of Geology & Mining, the following were ascertained:

- i) The proponent vide letter dated.09.12.2010 has obtained approval from the Commissioner of G&M for quarrying in the subject area and the lease was executed on 28.02.2011.
- ii) During the submission of the next scheme of mining by the proponent, it was noted the lessee has not obtained the Environmental Clearance but has obtained transport permit during the violation period from 15.01.2016 to 10.01.2017.
- iii) Hence, as per the Hon'ble Supreme Court of India's order dated.02.08.2017 & letter dated.20.08.2018 from Director of G&M, the proponent was directed to remit 100% cost of the mineral lifted without EC for the violation period from 15.01.2016 to 10.01.2017. Accordingly, a demand notice was issued by District Collector vide demand notice dated.19.02.2020 with a tune of Rs.82,78,006/- for transportation of 374.828cbm of coloured granite, which was transported in the violation period.
- iv) Accordingly, the lessee filed WP against the above demand notice before the Hon'ble High Court of Madras WMP.No.24608/2022 in W.P.No.25607/2022 at the High Court and in its order dated.23.09.2022 has granted an interim stay. The case is yet to be disposed of.
- v) Now, the proponent has submitted 2<sup>nd</sup> scheme of mining, and the same was approved by the Dept. of G&M.

2. From the SEIAA office records, the following were ascertained:

- i) The proponent has submitted his first application seeking Environmental Clearance for the existing grey granite quarry vide online application

number SIA/TN/MIN/37047/2015 dated.30.12.2015.

- ii) Later, as per the MoEF&CC's Notification S.O.804 (E) dated.14.03.2017, S.O.1030 (E) dated.08.03.2018 & O.M dated.15.03.2018 & 16.03.2018, the proposal was processed and ToR under violation was accorded to the proponent vide Lr.No.SEIAA-TN/F.No.4793/ToR-477/2018, dated.07.06.2018, since quarrying operations were carried out after 15.01.2016 without obtaining EC.
- iii) Further, the proponent has submitted an application seeking an extension of validity in the Terms of Reference dated.07.06.2018 issued earlier, vide proposal number SIA/TN/MIN/269653/2022 dated 26.04.2022.

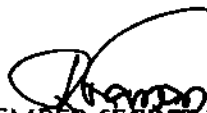
This extension application was placed for appraisal during 308<sup>th</sup> SEAC meeting held on 01.09.2022. During the presentation, the proponent stated that he is a non-violator as per the National Green Tribunal, Southern Zone, Chennai Original application no.136/2017 (SZ), dated.30.06.2020 since his application for Environmental Clearance was submitted before 31.03.2016 and hence proposed to withdraw the ToR applications submitted and also requested to process the EC application SIA/TN/MIN/37047/2015 dated.30.12.2015 under normal category.

The Committee decided that SEIAA may accept the TOR 'withdrawal request' of the proponent. The authority decided to accept the withdrawal request of the proponent after obtaining the letter/details from AD mines.

Subsequently, the proposal was recommended for Environmental Clearance in the 359<sup>th</sup> SEAC meeting held on 02.03.2023 subject to the condition stated therein.

In this regard, the authority noted that:

- i) As per MoEF&CC's O.M dated.07.07.2021,  
" "Violation" means cases where projects have either started the construction work or installation or excavation, whichever is earlier, on-site or have expanded the production capacity and/or project area

  
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*beyond the limit specified in the Environmental Clearance (prior EC) without obtaining prior-EC or change of scope without prior approval from the Ministry”.*

In the present case, as per the letter dated.20.02.2023 issued by Commissioner, Department of Geology & Mining, the Proponent has carried out quarrying operations post 15.01.2016 without obtaining prior EC violating the provisions of EIA Notification, 2006, as amended.

- ii) Also, as per the clarification letter dated.03.04.2017 issued by MoEF&CC to Principal Secretary of Industries Department, Chennai, regarding the requirement of EC for major Minerals below 5 Hectare,

*“... All the mining leases (major mineral as well as minor minerals) operating in the country are required to obtain Environmental Clearance (EC) after 15.01.2016 as per the provisions contained in Environmental Impact Assessment Notification, 2006 as amended. Further, no mining lease shall operate without prior EC and all such mines (including less than 5 Hectares) which were in operation before 15.01.2016 are required to stop their mining activity and apply to MoEF&CC at Central Level/State Environment Impact Assessment Agency at State Level/ District Environment Impact Assessment Agency at District Level for seeking EC. The mine leases continue to operate without obtaining EC after 15.01.2016 shall be considered as violation cases and the same shall be dealt in accordance with the violation policy under Environment Impact Assessment Notification, 2006 as amended...”*

In the present case, though the proponent has filed an application for obtaining Environmental Clearance before 31.03.2016 and claims that he is a non-violator as per the NGT order dated. 03.06.2020, from the letter of Commissioner, G&M, dated. 20.02.2023, it is ascertained that he did not stop the quarrying operations and has continued quarrying during the period from 15.01.2016 to 10.01.2017, i.e, the proponent has continued the quarrying operations while the EC application filed by him was under process.

iii) Therefore, it appears that the proponent has continued to violate the provisions of EIA Notification 2006, as amended, till 10.01.2017 without obtaining EC.

In view of the above, the authority after detailed deliberations decided to refer back the proposal to SEAC to examine the above-mentioned points and furnish its remarks to take further course of action.

6. In this regard, the proposal was placed in the 373<sup>rd</sup> meeting of SEAC held on 28.04.2023. During the meeting, the Committee after detailed deliberations, decided to defer the proposal and take up again for discussion in the ensuing meeting.
7. In view of the above, the proposal is again placed in this 379<sup>th</sup> SEAC meeting held on 12.05.2023.

During the meeting, the project proponent & the EIA consultant gave a detailed re-presentation and stated that:

*" We wish to bring these few lines for favorable consideration, as per the Mines and Minerals (Development and Regulation) Act, 1957. The definition of "mining operations" means any operations undertaken for the purpose of winning any mineral; In this case the project proponent had stopped the Mining Operations after applying for Environmental Clearance and hereby declares that he has not won any mineral during the said period of 15.01.2016 to 10.01.2017 and has only obtained valid transit permit for the already won mineral before the cut-off date of 15.01.2016 for which the Department of Geology and Mining have issued Penalty Notice as per the Honorable Supreme Court Order and same has been challenged by the project proponent and is pending before the Honorable High Court of Madras and shall abide to the final outcome of the verdict".*

The committee carefully examined the queries raised by SEIAA in its 605<sup>th</sup> meeting & the reply furnished by the proponent/consultant and after detailed deliberations decided to re-iterate its recommendations already made in 359<sup>th</sup> SEAC meeting held on 02.03.2023.

  
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**Agenda No: 379 - 08**

**(File No: 7159/2019)**


**Proposed Rough Stone, Jelly & Gravel quarry Lease over an extent of 1.46.5 Ha at S.F.No. 1040/5, 1041/1, 1041/2, 1041/3 & 1041/4 in Sevalkulam Village, Tiruvengadam Taluk, Tirunelveli District, Tamil Nadu by Thiru. C. Jagadeesan – For Environmental Clearance (SIA/TN/MIN/42577/2019 dated 03.12.2020)**

The proposal is placed in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023.

The details of the project are available in the website (parivesh.nic.in).

**SEAC noted the following:**

1. The Project Proponent, Thiru. C. Jagadeesan has applied for Environmental Clearance for the Proposed Rough Stone, Jelly & Gravel quarry Lease over an extent of 1.46.5 Ha at S.F.No. 1040/5, 1041/1, 1041/2 1041/3 & 1041/4 in Sevalkulam Village, Tiruvengadam Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed in the 201<sup>st</sup>, 259<sup>th</sup>, 285<sup>th</sup> & 357<sup>th</sup> meeting of SEAC held on 12.02.2021, 31.03.2022, 16.06.2022 & 23.02.2023 respectively. During the 201<sup>st</sup>, 259<sup>th</sup> & 285<sup>th</sup> meetings, the proposal was deferred for the reasons mentioned in the respective minutes. In the 357<sup>th</sup> meeting of SEAC, Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein.
4. Subsequently, the proposal was placed in 603<sup>rd</sup> meeting of authority held on 20.03.2023 & 21.03.2023. The Authority during deliberations, noted the following:
  3. Earlier, The PP had obtained the lease to operate quarry from 2012 to 2017. The PP has submitted his application for grant of environment clearance to the State Environment Impact Assessment Authority (SEIAA) as per the then requirements, on 24.12.2015. Subsequently, the proposal was transferred to DEIAA when it was constituted by the law on 09.03.2017 as per the directions of MoEF& CC and the application was under process.

  
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4. However, the quarrying operation in the project area was stopped only on or after 07.11.2016 which indicates that the proponent has carried out mining without obtaining prior Environmental Clearance even **after 31.03.2016**. The last permit obtained from the Deputy Director of Geology and Mining, Tirunelveli was on 07.11.2016.
5. Also, The PP was issued a Memorandum (Ref: Na.Ka.No.M1/2929-2/2019 dated 20.08.2019) based on the recommendations of Assistant Director (i/c), Geology & Mining Department, Tenkasi stating that the PP has continued to operate the quarry after 15.01.2016 till 10.01.2017 **without obtaining EC**, which is considered as violation case and dealt the case in accordance with the violation policy under EIA Notification 2006 dated 15th January, 2016 as amended under the Environment (Protection) Act, 1986, and asked the PP to pay a sum of Rs.12, 23,196/- for unlawfully quarrying an amount of 3804 cbm of minerals between **15.01.2016 to 10.01.2017**.
6. The PP has approached the Hon'ble High Court of Madras, Madurai Bench against the above order and obtained an interim stay WMP(MD) Nos. 19010 of 2019 and WP(MD) Nos.22237 of 2019 dated:21.10.2019. The main Writ Petition is yet to be disposed of.
7. However, the PP had applied with a **new file** once again in 2019 for the same quarry site. Now the PP is requesting for EC for the same leasehold area involved earlier in violation with fresh mining plan.
8. The Joint Director/ Assistant Director (i/c), (Geology & Mining) vide his Lr.No.Rc.No.M1/33562/2016, dated.31.10.2020 has indicated that the penalty amount of a sum of Rs.12,23,196.00 is yet to be paid towards the quarrying of mineral carried out from 15.01.2016 to 10.01.2017 by the PP without EC.
9. The PP during the 285<sup>th</sup> SEAC meeting has stated that the application for grant of Environment Clearance submitted to the District Environment Impact Assessment Authority (DEIAA) on 24.12.2015 satisfy the subsequent order of the National Green Tribunal, Southern Zone, Chennai, by order dated 03.06.2020 in Original Application No.136 of 2017 (SZ) filed by Tamil Nadu Small Mine Owners Federation which have issued the following directions:

  
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*"The applications which are pending as on 31.03.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law. The persons, who have not filed applications on or before 31.03.2016 and filed thereafter, can be treated as violation applications and the MoEF&CC/SEIAA is directed to dispose of those applications as violation cases in accordance with law."*

In this regard, the authority noted that:

iv) As per MoEF&CC's O.M dated.07.07.2021,


*" "Violation" means cases where projects have either started the construction work or installation or excavation, whichever is earlier, on-site or have expanded the production capacity and/or project area beyond the limit specified in the Environmental Clearance (prior EC) without obtaining prior-EC or change of scope without prior approval from the Ministry".*

In the present case, the Proponent has carried out quarrying operations post 15.01.2016 without obtaining prior EC violating the provisions of EIA Notification, 2006, as amended.

v) Also, as per the clarification letter dated.03.04.2017 issued by MoEF&CC to Principal Secretary of Industries Department, Chennai, regarding the requirement of EC for major Minerals below 5 Hectare,

*".... All the mining leases (major mineral as well as minor minerals) operating in the country are required to obtain Environmental Clearance (EC) after 15.01.2016 as per the provisions contained in Environmental Impact Assessment Notification, 2006 as amended. Further, no mining lease shall operate without prior EC and all such mines (including less than 5 Hectares) which were in operation before 15.01.2016 are required to stop their mining activity and apply to MoEF&CC at Central Level/State Environment Impact Assessment Agency at State Level/ District Environment Impact Assessment Agency at District Level for seeking EC. The mine leases continue to operate without obtaining EC after 15.01.2016 shall be considered as violation cases and the same shall be dealt in accordance with the violation policy under*

  
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*Environment Impact Assessment Notification, 2006 as amended...*"

In the present case, though the proponent has filed an application for obtaining Environmental Clearance even before 31.03.2016 and claims that he is a non-violator as per NGT order dated. 03.06.2020, he did not stop the quarrying operations till 07.11.2016 as per the letter from G&M Dept. dated. 31.10.2016 mentioned above, i.e, the proponent has continued the quarrying operations while the EC application filed by him was under process.

- vi) Therefore, it appears that the proponent has continued to violate the provisions of EIA Notification 2006, as amended, till 07.11.2016 without obtaining EC.

In view of the above, the Authority after detailed deliberations decided to refer back the proposal to SEAC to examine the above mentioned points and furnish its remarks to take further course of action.

In this regard, the proposal was placed in the 373<sup>rd</sup> meeting of SEAC held on 28.04.2023. During the meeting, the Committee after detailed deliberations, decided to defer the proposal and take up again for discussion in the ensuing meeting.

In view of the above, the proposal is again placed in this 379<sup>th</sup> SEAC meeting held on 12.05.2023.

During the meeting, **the project proponent & the EIA consultant** gave a detailed re-presentation. Based on the presentation & reply furnished by the project proponent, the Committee noted that though the proponent has filed an application for obtaining Environmental Clearance before 31.03.2016, it is evident from the letter of G&M Dept. dated. 31.10.2016 that he has continued quarrying operations till 07.11.2016 thereby violating the provisions of EIA Notifications, 2006. Hence, the Committee decided to reverse its earlier decision and decided to grant **Terms of Reference under Violation category through lateral entry** to the proposal.

**Terms of Reference (TOR) under Violation category** granted is subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and the EIA/EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall

  
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be prepared as an independent chapter by the accredited consultants.

1. The PP shall furnish an Independent Chapter 13 as per the MoEF & CC Violation Notification – S.O. 804 (E), dated. 14.03.2017 prepared by the accredited consultants comprising of assessment of ecological damage for the project activities carried out earlier without obtaining prior Environmental Clearance, and the remediation plan and natural & community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of Environmental Clearance.
2. As a part of procedural formalities as per the MoEF & CC Violation Notification – S.O. 804 (E), dated. 14.03.2017, the action will be initiated by the competent authority under section 15 read with section 19 of the Environment (Protection) Act, 1986 against violation.
3. Copy of total penalty levied by the concerned AD/DD, Dept of Geology and Mining, and copy of remittance of total penalty by PP.
4. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.
5. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.
6. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
7. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.

  
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8. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
9. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
10. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
11. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
  - I. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
  - II. Quantity of minerals mined out.
  - III. Highest production achieved in any one year
  - IV. Detail of approved depth of mining.
  - V. Actual depth of the mining achieved earlier.
  - VI. Name of the person already mined in that leases area.
  - VII. If EC and CTO already obtained, the copy of the same shall be submitted.
  - VIII. Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
12. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).

  
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13. The PP shall carry out Drone video survey covering the cluster, Green belt, fencing, etc.,
14. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
15. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment, and the remedial measures for the same.
16. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of the Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
17. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds, etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
18. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
19. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water

pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.

20. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
21. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
22. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
23. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
24. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
25. Impact on local transport infrastructure due to the Project should be indicated.
26. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
27. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
28. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the

  
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importance of preserving local flora and fauna by involving them in the study, wherever possible.

29. 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-I in consultation with the DFO, State Agriculture University. 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.
30. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly bags should be planted 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
31. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
32. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
33. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
34. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

  
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35. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
36. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
37. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
38. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
39. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
40. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

**Agenda No. 379-09**

**File No. 494/2023**

**Amendment on Environmental Clearance issued to the proposed "Proposed construction of IT Park- Phase II at S.No. 240 (p) of Siruseri Village, and S.no.117 (p) of Kazhipattur Village, Tirupporur (Previously Chengapattu) Taluk, Chengalpattu (Previously Kancheepuram) District, Tamil Nadu by M/s Syntel International Pvt. Ltd – For amendment on Environmental Clearance (SIA/TN/MIS/298098/2023 dt: 27.02.2023 Dt. 27.02.2023)**

  
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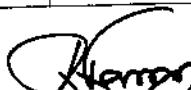
  
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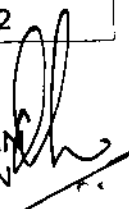
The proposal was placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).The PP made a detailed presentation on the project activity.

The SEAC noted the following:

1. The PP has obtained Environmental Clearance vide Lr No. SEIAA/TN/F.494/EC/8(b)/243/2012 Dt. 6.2.20214 . Subsequently, the PP has obtained extension of validity of the said EC vide Lr No. SEIAA/TN/F.494/EC/8(b)/243/EC-Ext/2014 Dt. 23.01.2023 with validity up to 31.3.2023, with the following conditions among them.
  - o The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 4 nos. of 400 KL capacities each and reused.
  - o Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc. The Proponent shall provide 85 nos. of bore wells/percolation pits/ etc. as committed. The bore wells / percolation pits/etc. for rainwater recharging should be kept at least 5m above the highest ground water table”
2. Now the PP has requested an amendment vide online application vide SIA/TN/MIS/298098/2023 dt: 27.02.2023 Dt. 27.02.2023 for the following.

Sl No	As per EC conditions	Amendment sought
1	The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be	<p>The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 280 KL + 90 KL instead of 4 nos. of 400 KL capacities.</p> <p><b>Reason:</b></p> <p><b><u>Rainfall Data (as per Climatological table of IMD 1991-2020, Chennai (Meenambakkam)):</u></b></p> <ul style="list-style-type: none"> <li>• Avg. No of rainfall Days - 60.2</li> </ul>

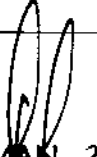
  
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	<p>scientifically harvested so as to ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 4 nos. of 400 KL capacities each and reused.</p>	<ul style="list-style-type: none"> <li>• Total in wettest month in the year -2462.2 mm</li> <li>• Total in Driest month in the year - 584.6 mm</li> <li>• Avg. Total wettest and driest month in the year - 1523 mm (1.523 m)</li> </ul> <table border="1" data-bbox="667 353 1364 1030"> <thead> <tr> <th colspan="2">Total Run-Off : Roof Top Water Sump</th> <th colspan="2">Min. Rainfall</th> </tr> </thead> <tbody> <tr> <td>I = Intensity of rainfall</td> <td>-</td> <td>1.523</td> <td>m</td> </tr> <tr> <td>A = roof area in Sq.m*</td> <td>-</td> <td>17150</td> <td>Sq.m</td> </tr> <tr> <td>C = Co-efficient of run off</td> <td>-</td> <td>0.85</td> <td>-</td> </tr> <tr> <td>Q=CIA</td> <td><math>= \frac{1.523 * 17150 * 0.85}{0.85}</math></td> <td><b>22201.53</b></td> <td><b>m3</b></td> </tr> <tr> <td>Considering 60.2 rainy days per annum, per rain water will be:</td> <td><math>= \frac{22201.53}{60.2}</math></td> <td><b>368.79</b></td> <td><b>m3/day</b></td> </tr> </tbody> </table> <p>So we consider the minimum design of rain water harvesting tank is 370 KL in which 280 KL already constructed for the Phase II&amp;90 KL have been proposed for the Phase I.</p>	Total Run-Off : Roof Top Water Sump		Min. Rainfall		I = Intensity of rainfall	-	1.523	m	A = roof area in Sq.m*	-	17150	Sq.m	C = Co-efficient of run off	-	0.85	-	Q=CIA	$= \frac{1.523 * 17150 * 0.85}{0.85}$	<b>22201.53</b>	<b>m3</b>	Considering 60.2 rainy days per annum, per rain water will be:	$= \frac{22201.53}{60.2}$	<b>368.79</b>	<b>m3/day</b>
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Considering 60.2 rainy days per annum, per rain water will be:	$= \frac{22201.53}{60.2}$	<b>368.79</b>	<b>m3/day</b>																							
2	<p>Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens,</p>	<p>The proponent shall provide bore wells/percolation pits of 68 nos instead of 85 nos.</p> <p><b>Reason:</b> As per site soil exploration report, the Ground water table starts at 1.9m from existing ground level. Hence, it will be ineffective to have percolation pits as clarified by Architect. However we have provided 37 nos in phase - I and 31 nos in Phase - II (Total - 68 nos) within the rainwater collection chamber.</p>																								

  
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<p>settlers etc. must be done to remove suspended matter, oil and grease, etc. The Proponent shall provide 85 nos. of bore wells/percolation pits/ etc. as committed. The bore wells / percolation pits/etc. for rainwater recharging should be kept at least 5m above the highest ground water table</p>	
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Based on the presentation and documents furnished by the project proponent, SEAC decided to accept the representation made by the PP along with the reason, and decided to recommend the following

Sl No	As per EC conditions	Amendment recommended
1	The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to	The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to ensure the beneficitation of

  
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	ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 4 nos. of 400 KL capacities each and reused.	rainwater harvesting. It shall be stored in sump of 280 KL + 90 KL instead of 4 nos. of 400 KL capacities.
2	Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease. etc. <b>The Proponent shall provide 85 nos. of bore wells/percolation pits/ etc. as committed. The bore wells / percolation pits/etc. for rainwater recharging should be kept at least 5m above the highest ground water table</b>	The proponent shall provide bore wells/percolation pits of 68 nos instead of 85 nos.

2. The remaining conditions imposed vide vide Lr No. SEIAA/TN/F.494/EC/8(b)/243/2012 Dt. 6.2.20214 and Lr No. SEIAA/TN/F.494/EC/8(b)/243/EC-Ext/2014 Dt. 23.01.2023 are unaltered.

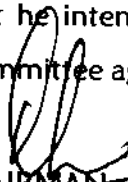
**AGENDA No: 379-10**

**(File No: 2782/2023)**

Existing Granite Quarry lease over an extent of 1.80.0 Ha at S.F.Nos. 328(P) of Soolamalai Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. Thirumalai Alagar Exports – for extension of Environmental Clearance. (SIA/TN/MIN/297818/2023, dated 12.05.2023)

The proposal was placed in the 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The PP informed the Committee that he intends to withdraw this extension application and apply afresh for EC. The Committee agreed

  
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for the same.

The SEAC had agreed to defer the file for facilitating the above withdrawal of application as requested by the PP.

**Agenda No 379-11**

**File No: 2244/2023)**

**Recommendations for releasing the Bank guarantee for the value of Rs 56 Lakhs remitted towards Ecological remediation, Natural resources Augmentation and Community resources Augmentation under EIA Notifications dated 14.3.2017 & 08.03.2018 (violation category) for existing Multi-storied Residential Buiding Project "Sigiriya" at S.F.No. 170/2C2, 1A1F2, 2C2, 2B, 1B, 2C1, 172, 173/1D, 1A1, 1A2, 1B1, 1B2, 1E, 2, 1C OF Pallikaranai Village, Sholinganallur Taluk, Kanchipuram District by M/s. Jones Foundations Pvt. Ltd.**

This proposal was placed in 379<sup>th</sup> SEAC meeting held on 12.05.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in).

The project proponent gave a detailed presentation

The SEAC noted the following

1. The PP was issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No.2244/EC/8(a)/618/2018, dated: 10.08.2018 under violation category with the following conditions.
  - The amount prescribed for Ecological remediation (Rs. 28 lakhs), natural resource augmentation (Rs. 11.20 lakhs) & community resource augmentation (Rs. 16.80 lakhs), totalling Rs. 56 lakhs shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control board, before obtaining Environmental Clearance and submit the acknowledgement of the same to SEIAA-TN. The funds should be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
  - The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of six months. If not the bank guarantee will be forfeited to TNPCB without further notice.

  
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- The amount specified as CER (Rs. Rs. 56 Lakhs) shall be remitted in the form of DD to the beneficiary before issue of EC. A copy of receipt from the beneficiary shall be submitted before issue of EC.

Subsequently the PP has furnished the BG to TNPCB on 18.08.2018 to amount of 56 lakhs. The PP also remit the same amount 56 lakhs to EMAT.

Now the PP has applied for releasing of the above said Bank guarantee of Rs 56 Lakhs given to TNPCB along with CCR received from MoEF&CC.

The EIA Notification 2006 vide S.O No S.O. 804(E). Dt 14.3.2017 stated that *“(7) The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by Expert Appraisal Committee and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of environmental clearance and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.”*

This proposal was placed in 379<sup>th</sup> SEAC meeting held on 12.05.2023. The SEAC accepted the documents & details furnished by the Project Proponent and decided to recommend for release of bank Guarantee to SEIAA.

**Agenda No. 379-12**

**File No. 3864/2022**

**Extension on Environmental Clearance issued to the existing rough stone quarry lease in SF No. 1(p), Bit-7, Kondamanaickenpatti Village, Namakkal Taluk, Namakkal District Tamil Nadu by Thiru P Palanisamy – For Extension on Environmental Clearance (SIA/TN/MIN/293204/2022 Dt. 20.10.2022)**

The proposal was placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The PP made a detailed presentation on the project activity. The SEAC noted the following:

  
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1. The PP has obtained Environmental Clearance vide Lr No. SEIAA/TN/F.3864/19a)/EC No.3165/2015 Dt. 11.3.2016 with validity up to coterminous with the mine lease period or limited to a maximum period of 5 years from the date of issue whichever is earlier.

During the meeting the PP has stated that they would like to withdraw the proposal and to apply fresh application. Therefore SEAC decided to defer the proposal.

**Agenda No: 379-13**


**(File No: 4275/2022)**

**Existing Multicolor granite quarry Lease over an extent of 2.52.42 Ha in S.F.No. 17/9A, 10A(P), 11A, 18/9, 10, 12, 19/12A, 12B1 & 19/12B2(P), Keelamangalam Village, Ottaipidaram Taluk, Thoothukudi District, Tamilnadu by Thiru.G.Gopalakrishnan – For Extension of validity in Environmental Clearance issued. (SIA/TN/MIN/295438/2022 dated: 20.12.2022.)**

The proposal is placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, **Thiru.G.Gopalakrishnan** has applied for Extension of validity for Environmental Clearance issued for the Existing Multicolor granite quarry Lease over an extent of 2.52.42 Ha in S.F.No. 17/9A, 10A(P), 11A, 18/9, 10, 12, 19/12A, 12B1 & 19/12B2(P), Keelamangalam Village, Ottaipidaram Taluk, Thoothukudi District, Tamilnadu.
2. Environmental Clearance was issued to the proponent vide Lr.No. SEIAA-TN/F.No.4275/1(a)/EC.No.2349/2015 dated. 06.11.2015 which will be co-terminus with the lease period or limited to a maximum validity of 5 years from the date of issue of EC, whichever is earlier. Lease is valid upto 06.03.2036. Therefore, the EC was valid up to 05.11.2020.
3. Now, the proponent has applied seeking **an extension of validity for the above-mentioned EC** on 20.12.2022 along with a scheme of mining for a period of 5 years from 2021-2026 when there is valid lease but no EC.
4. MoEF&CC Notification, S.O.1807(E) dated.12.04.2022 regarding extension of validity of Environmental Clearance.

  
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5. MoEF&CC O.M dated 13.12.2022 regarding clarification on S.O.1807(E) dated 12.04.2022.
6. MoEF&CC Notification, S.O.1141(E) dated.29.04.2015 regarding validity/ extension of validity of Environmental Clearance.
7. MoEF&CC Notification, S.O.2944(E) dated.14.09.2016 regarding validity/ extension of validity of Environmental Clearance.

The Committee, after detailed deliberations, decided to defer the proposal based on the request made by the PP.

**AGENDA No: 379-14**  
**(File No: 4483/2023)**

File No	4833	Category	B2
	SIA/TN/MIN/204010/2021		EC

**Existing Grey Granite Quarry lease over an Extent of 1.85.5 Ha located at S.F.No 266/1,268/1AC and 268/1AD, Jagadevipalayam Village, Krishnagiri Taluk, Krishnagiri District by M/s. M.P. Granites – Extension of validity of Environmental Clearance (SIA/TN/MIN/204010/2021 dated 16.03.2021)**

The proposal was placed in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, M/s. M.P. Granites has applied seeking **extension of validity of Environmental Clearance** issued vide SEIAA Lr. No.SEIAA-TN/F.No.4483/EC/1(a)/2655/2015, dated: 05.01.2016 for the Grey Granite over an extent 1.85.5 Ha located at S.F.No 266/1,268/1AC and 268/1AD, Jagadevipalayam Village, Krishnagiri Taluk, Krishnagiri District
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, as amended.
3. EC issued vide SEIAA Lr. No.SEIAA-TN/F.No.4483/EC/1(a)/2655/2015, dated: 05.01.2016 valid upto 04.01.2021.

  
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4. The SEAC observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, states that “.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid... ”.

SEAC further 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 application, presentation made by the proponent, the SEAC decided to confirm that the proposal is entitled for ‘automatic extension to the respective increased validity’ as per the aforesaid OM issued by the MoEF & CC for the production of balance quantity of 8100 m<sup>3</sup> of Grey Gramite as per the approved mining plan subject to the following commitment made by the PP.

As accepted by the Project Proponent the CER cost is **Rs. 5 Lakh** and the amount shall be spent for the committed activities before obtaining CTO from TNPCB.


All the other conditions mentioned in SEIAA Lr. No. SEIAA-TN/F.No.4483/EC/1(a)/2655/2015, dated: 15.01.2016 remain unaltered.

**Agenda No: 379 - 15**

**(File No: 4507/2015)**

**Proposed Multi colour granite quarry over an extent of 2.43.5 Ha in SF.No. 343/1B, 343/2, 343/3, 343/4, 343/5, 343/6, 343/7, 343/8, 343/9, 343/10 (P), 343/11B (P), 344/A1, 354/A2, 354/A3, 354/A4, 354/A5, 354/B1A, 354/B13, 354/B14, 354/B15, 354/B16 at K. Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu by M/s. M.P. Granite - For Environmental Clearance Extension. (SIA/TN/MIN/204053/2021, Dt.16.03.2021)**

  
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The proposal was placed in the 379<sup>th</sup> SEAC Meeting held on 12.05.2023. 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/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
2. EC Issued vide Lr. No.SEIAA-TN/F.No.4507/EC/1(a)/2654/2015 dated: 04.01.2016 valid up to 03.01.22 including COVID Extension.
3. EC extension applied on 16.03.2021.
4. Lease granted vide G.O. No Letter No G.O. (3D).No. 10 Industries (MMB.2) Department Dated, 23.01.2016 for the period of 20 years(15.02.2016 to 14.02.2036).
5. Scheme of Mining plan (1<sup>st</sup> Scheme) - Approved by Commissioner, Department of Geology and Mining, Guindy, Chennai – 32 vide Letter No. 7174/MM2/2020 Dated 13.02.2021 (2021-22 to 2025-26).
6. Geological resources (1<sup>st</sup> Scheme)-2,31,581m<sup>3</sup> of ROM @ 40% Recovery 92,632 m<sup>3</sup>
7. Mineable Reserves (1<sup>st</sup> Scheme) - 73,204m<sup>3</sup>of ROM @ 40% Recovery 29,282m<sup>3</sup>
8. Depth of Estimation - 32.5m in 1<sup>st</sup> Scheme of Mining plan
9. Pit Details –
  - (i) Present pit depth – 12.5m bgl
  - (ii) Maximum Ultimate Depth – 37.5m bgl
10. Estimated life of the mine – 18 years
11. Estimated proposal given for the 1<sup>st</sup> Scheme of Mining plan - 31,250m<sup>3</sup> of ROM out of 73,204m<sup>3</sup> - 12,500m<sup>3</sup> of Granite @40% Recovery out of 29,282m<sup>3</sup>
12. EMP Prepared for the peak production Capacity and life of the mine up to lease period 2036.
13. PP has submitted CCR for the earlier EC.
14. MoEF&CC Notification S.O. 221(E), Dt:18.01.2021.
15. MoEF&CC Notification S.O. 1807(E), Dt: 12.04.2022.
16. MoEF&CC O.M. Dt: 13.12.2022.

  
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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, SEAC decided to confirm that the PP is eligible for 'automatic extension' of EC as per the aforementioned OM issued by the MoEF & CC. PP shall adhere to the conditions prescribed in the previous EC.

As accepted by the Project proponent the CER cost is Rs. 5.0 lakhs and the amount shall be spent for the Panchayat Union Primary School, Vasukumaranpatti, K. Pitchampatti Village, Karur as committed, before obtaining CTO from TNPCB.

**Agenda No: 359-16**

**(File No: 4730/2023)**

**Existing rough stone & gravel quarry Lease over an extent of 1.84.0 Ha in S.F. No. 66(P) of Thirumalaiyampalayam Village, Madukkarai Taluk, Coimbatore District Tamil Nadu by Thiru. S. Venkatasalam – For Extension of validity in Environmental Clearance issued. (SIA/TN/MIN/297487/2023 dated: 09.02.2023.)**

The proposal is placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, **Thiru.S.Venkatasalam** has applied for Extension of validity in Environmental Clearance issued for the Existing rough stone & gravel quarry Lease over an extent of 1.84.0 Ha in S.F. No. 66(P) of

  
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Thirumalaiyampalayam Village, Madukkarai Taluk, Coimbatore District Tamil Nadu.

2. Environmental Clearance was issued to the proponent vide Lr.No. SEIAA-TN/F.No.4730/1(a)/EC.No.3575/2016 dated. 19.08.2016 with a maximum validity of 5 years from the date of issue of EC.

During the meeting, the proponent was absent. Further, the Committee noted that the proponent has submitted a request to withdraw this extension proposal vide mail dated.11.05.2023, stating as follows:

*"I had applied for Extension of Validity in Environmental Clearance issued by DEIAA, Dharmapuri Lr.No.SEIAA-TN/F.No.4730/1(a)/EC.NO.3575/2016, Dated: 19.08.2016 for the remaining consented quantity mentioned in EC and the quantity approved in Scheme of Mining for the S.F.No's, 66(P), Over an extent of 1.84.0 Hectares in Thirumalayampalayam Village, Madukkarai Taluk, Dharmapuri District, Tamil Nadu State. I withdraw the application for the file No: 4730/2015 for the following reason,*

1. *The circular memo No.TI/TNPCB/F.002953/Rough stones /SPR/2023 Dated:24.04.2023 issued by TNPCB stated that the CTO will issue if the consented quantity in EC not attained within 5 years by the Lessee."*

The SEAC had agreed to defer the file for facilitating the above withdrawal of application as requested by the PP.

**Agenda No. 379 - 17**

**(File No. 4750/2023)**

**Amendment of earlier issued Environmental clearance for office building to Internet Data Centre (IDC) 3 building with supportive GIS substation (G+1) at T. S. No: 2/1, Block No. 11(Old S. No. 782/2, 784/part, 785/part, 786/part) of Korattur Village, T. S. No. 1/1, Block No. 2, (old S. no. 222/1) of Menambedu village, Ambattur Taluk, Tiruvallur District, Tamil Nadu by M/s. TATA Communications Limited for Amendment in Environmental Clearance. (SIA/TN/MIS/298591/2023, dated: 13.03.2023)**

The proposal was placed in this 379<sup>th</sup> Meeting of SEAC held on 12.05.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

  
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The SEAC noted the following:


1. The project proponent, M/s. TATA Communications Limited has obtained Environmental Clearance vide EC Letter No. SEIAA/TN/F. 4750 /EC/ 8(a)/631/2019 dated: 07.02.2019 for Proposed expansion and inclusion of old buildings by M/s. TATA Communications Limited at T.S. No. 2/1, Block 11, (Old S.No. 782/2, 784/part, 785/part, 786/part) of Korattur Village, T.S. No. 1/1, Block No. 2, (old S. no. 222/1) of Menambedu village, Ambattur taluk, Tiruvallur District.
2. The project/activity is covered under Category "B" of Item 8(a) "Building & Construction" of the Schedule to the EIA Notification, 2006.
3. Subsequently, PP has obtained Amendment to Environmental Clearance for the additional DG sets vide Letter No. SEIAA-TN/F.No.4750/8(a)/EC/8(a)/631/A/2022 dated:10.05.2022.
4. Now the PP has applied for amendment as follows

**BUILT-UP AREA STATEMENT (AS PER EC)**

Name of the Block	Floor Details	Area As per EC (in Sq.m)
IDC 1 Building	Double Stilt + Ground (Part) + 7 floors	36,854
VSNL Building, Admin Building, DG & SS Room, Control Room, Store Room, Asionet	GF + 3 floors + 4 <sup>th</sup> floor (Part) GF	8,627.59
IDC 2 Building	GF + 4 floors	25,468.32
Office Building	3B + G + 11	39,786.41
<b>TOTAL</b>		<b>1,10,736.32</b>

**BUILT – UP AREA STATEMENT (AMENDMENT REQUESTED)**

Name of the Block	Floor Details	EC AMENDMENT REQUESTED (in Sq.m)
IDC 1 Building	Double Stilt + Ground (Part) + 7 floors	36,854

  
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VSNL Building, Admin Building, DG & SS Room, Control Room, Store Room, Asionet	GF + 3 floors + 4 <sup>th</sup> floor (Part) GF	8,627.59
IDC 2 Building	GF + 4 floors	25,468.32
Idc 3 Building with supportive GIS substation	(B + G + 8) (G + 1)	39,426.41
<b>TOTAL</b>		<b>1,10,376.32*</b>

Based on the documents & presentation made by the PP, SEAC decided to direct the PP to submit the following details.

- The proponent shall submit the certified compliance report from the IRO, MoEF & CC, Chennai for the earlier EC obtained.

**Agenda No: 379 - 18**

(File No: 4850/2016)

Proposed Multi colour granite quarry over an extent of 2.42.9 Ha in SF.No. 488/1B (Part) & 503/3 (Part) at K Sithampoondi Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by Tvl. P. K. K. Exports- For Environmental Clearance Extension. (SIA/TN/MIN/295338/2022,Dt.16.02.2022)

The proposal was placed in the 379<sup>th</sup> SEAC Meeting held on 12.05.2023. 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/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
2. EC Issued vide Lr. No.SEIAA-TN/F.No.4850/EC/1(a)/2889/2016 dated: 15.02.2016 valid up to 14/02/2018.
3. EC extension application applied on 18.03.2023.

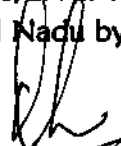
During the presentations the PP/EIA consultant requested SEAC defer the proposal and hence SEAC deferred the proposal.

**Agenda No: 379 - 19**

(File No: 4941/2016)

Proposed Grey granite quarry over an extent of 2.02.5 Ha in SF.No. 416/2A & 417/2B at Veppalampatty Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by M/s.

  
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**Sri Balaji Land Promoters Pvt. Ltd - For Environmental Clearance Extension.  
(SIA/TN/MIN/295179/2022, Dt.12.12.2022)**

The proposal was placed in the 379<sup>th</sup> SEAC Meeting held on 12.05.2023. 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/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
2. EC Issued vide Lr. No.SEIAA-TN/F.No.4941/EC/1(a)/2816/2015,dated: 08.02.2016 valid up to 03.01.22 including COVID Extension.
3. EC extension application applied on 12.12.2022.

During the presentations the PP/EIA consultant requested SEAC defer the proposal and hence SEAC deferred the proposal.

**Agenda No: 379-20**

**(File No: 4947/2021)**

**Existing grey granite quarry lease over an extent of 2.85.5 Ha in S.F.No. 377/1A2, 1A1B, 1B, 2A, 2B, 378/1 & 378/2 of Chendarapalli Village, Krishnagiri Taluk, Krishnagiri District, Tamilnadu by Thiru.A.Ameed – For Extension of validity in Environmental Clearance issued. (SIA/TN/MIN/194253/2021 dated: 21.01.2021.)**

The proposal is placed for appraisal in this 379<sup>th</sup> meeting of SEAC held on 12.05.2023. The details of the project are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, **Thiru.A.Ameed** has applied for Extension of validity in Environmental Clearance issued for the Existing grey granite quarry lease over an extent of 2.85.5 Ha in S.F.No. 377/1A2, 1A1B, 1B, 2A, 2B, 378/1 & 378/2 of Chendarapalli Village, Krishnagiri Taluk, Krishnagiri District, Tamilnadu.
2. Environmental Clearance was issued to the proponent vide Lr.No. SEIAA-TN/F.No.4947/1(a)/EC.No.2808/2015 dated. 08.02.2016 which will be co-terminus with the lease period or limited to a maximum period of 5 years from the date of EC of issue. with a validity of 5 years from the date of execution of

  
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lease deed. The lease is valid upto 02.03.2036. Hence, EC issued earlier was valid up to 07.02.2022 including COVID extension.

3. However, the proponent has applied seeking an **extension of validity for the above-mentioned EC** on 21.01.2021 along with a scheme of mining for a period of 5 years from 2021-2016 for the quantity of **19,150m<sup>3</sup> of RoM including 4787m<sup>3</sup> of grey granite (@25% recovery) & 14,363m<sup>3</sup> of granite waste (@ 75%) & also 684m<sup>3</sup> of weathered rock & 483m<sup>3</sup> of topsoil** when the subsisting EC & lease are available.
4. MoEF&CC Notification, S.O.1807(E) dated.12.04.2022 regarding extension of validity of Environmental Clearance.
5. MoEF&CC O.M dated 13.12.2022 regarding clarification on S.O.1807(E) dated 12.04.2022.

During the meeting, the proponent stated that he is eligible 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.

Based on the presentation and documents furnished by the project proponent, SEAC decided to call for the following details from the project proponent:

- i) The proponent shall furnish the work carried out to comply with the non-compliance conditions as mentioned in the Certified Compliance report dated.21.01.2022 obtained from IRO, MoEF&CC, Chennai for the EC obtained earlier.

On receipt of the same, further deliberations will be carried out.

**Agenda No: 379-21**

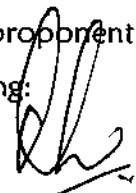
**(File No: 9881/2023)**

**Proposed Lime Kankar quarry lease area over an extent of Extent 123.26.5 Ha at S.F.No. Parts of 7 to 15, 17 to 32, 34, 40, 101 to 103, 107 to 109, 113, 118, 124 to 130, 132, 138 to 139 & 213 to 215 of Vadakkunatham Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by M/s. The Ramco Cements Limited - For Environmental Clearance. (SIA/TN/MIN/419988/2023, Dated: 27.02.2023)**

Earlier, this proposal was placed for appraisal in this 376<sup>th</sup> meeting of SEAC held on 05.05.2023. 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, M/s. The Ramco Cements Limited has applied for Environmental Clearance for the proposed Lime Kankar quarry lease area over an extent of Extent 123.26.5 Ha at S.F.No. Parts of 7 to 15, 17 to 32, 34, 40, 101 to 103, 107 to 109, 113, 118, 124 to 130, 132, 138 to 139 & 213 to 215 of Vadakkunatham Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for first five years is RoM – 15,01,500m<sup>3</sup> of Lime Kankar and 1,25,000 m<sup>3</sup> of Clay (Black Cotton Soil) for an ultimate depth of Mining 3m BGL.
4. Terms of Reference issued by MoEF&CC vide F.No. J-11015/40/2019-IA.II (M) Dated: 14.05.2019 and subsequently had conducted public hearing on 01.12.2022.

Based on the presentation and document furnished by the proponent, SEAC noted that the proponent had obtained Terms of Reference from MoEF&CC. Subsequently, the proponent had submitted an application in Parivesh Portal for Environmental Clearance after conducting public hearing along with EIA report vide SIA/TN/MIN/419988/2023, Dated: 27.02.2023 to SEIAA-TN directly. Hence, SEAC decided to direct the proponent to apply at MoEF&CC for further course of action.

Now, this proposal again been placed in 379<sup>th</sup> SEAC meeting held on 12.5.2023. During the meeting the PP requested adequate time to transfer the ToR file from the EAC, MoEF in order to process for EC.


Hence the committee decided to defer the proposal.

**Agenda No: 379-22**

**(File No: 9882/2023)**

**Proposed Lime Kankar quarry lease area over an extent of 294.18.5 Ha at S.F.No. Parts of 208 to 229, 232 to 235, 246 to 248, 253, 259 to 283, 287, 288, 290 to 298, 546, 547, 554 to 569, 571 to 575, 577 to 579, 581, 583 to 587, 589, 592, 603, 605 to 612 of Therku Koppuchitampatti Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by M/s. The Ramco Cements Limited - For Environmental Clearance. (SIA/TN/MIN/420107/2023, Dated: 01.03.2023)**

  
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Earlier, this proposal was placed for appraisal in this 376<sup>th</sup> meeting of SEAC held on 05.05.2023. 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. The Ramco Cements Limited has applied for Environmental Clearance for the Proposed Lime Kankar quarry lease area over an extent of 294.18.5 Ha at S.F.No. Parts of 208 to 229, 232 to 235, 246 to 248, 253, 259 to 283, 287, 288, 290 to 298, 546, 547, 554 to 569, 571 to 575, 577 to 579, 581, 583 to 587, 589, 592, 603, 605 to 612 of Therku Koppuchitampatti Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for first five years is RoM – 36.79.500m<sup>3</sup> of Lime Kankar and 2,00,000 m<sup>3</sup> of Clay for an ultimate depth of Mining 3m BGL.
4. Terms of Reference issued by MoEF&CC vide F.No. J-11015/41/2019-IA.II (M) Dated: 16.05.2019 and subsequently had conducted public hearing on 02.12.2022.

Based on the presentation and document furnished by the proponent, SEAC noted that the proponent had obtained Terms of Reference from MoEF&CC vide letter dated.16.05.2019. Subsequently, the proponent had submitted an application in Parivesh Portal for Environmental Clearance after conducting public hearing along with EIA report vide SIA/TN/MIN/420107/2023, Dated: 20.07.2023 to SEIAA-TN directly. Hence, SEAC decided to direct the proponent to apply at MoEF&CC for further course of action.

Now, this proposal again been palced in 379<sup>th</sup> SEAC meeting held on 12.5.2023. During the meeting The PP requested time to transfer the ToR project from MoEF in order to process for EC.

Hence the committee decided to defer the proposal.

  
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Agenda No: 377 - 23

(File No: 9883/2023)

Proposed Lime Kankar quarry over an extent of 498.87.0 Ha in SF.No. parts of 14, 15, 19 to 22, 30 to 33, 40, 41, 43, 44, 54, 55, 56, 58, 59, 62, 63, 65, 66, 79, 80, 84, 86 to 91, 93 to 101, 103 to 109, 111 to 122, 124, 130, 202, 205 to 218, 222 to 224, 227 to 229, 232 to 240, 244 to 248, 253 to 257, 263, 295 to 305, 340 at Suddhamadam Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by M/s.The Ramco Cements Limited - For Environmental Clearance. (SIA/TN/MIN/419642/2023,Dt.27.02.2023)

The proposal was placed in the 377<sup>th</sup> SEAC Meeting held on 12.05.2023. 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. The Ramco Cements Limited has applied for Environmental Clearance for the Proposed Lime Kankar quarry over an extent of 498.87.0 Ha in SF.No. parts of 14, 15, 19 to 22, 30 to 33, 40, 41, 43, 44, 54, 55, 56, 58, 59, 62, 63, 65, 66, 79, 80, 84, 86 to 91, 93 to 101, 103 to 109, 111 to 122, 124, 130, 202, 205 to 218, 222 to 224, 227 to 229, 232 to 240, 244 to 248, 253 to 257, 263, 295 to 305, 340 of Suddhamadam Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. ToR Issued vide Letter MoEF&CC F.No.J- 11015/39/2019.IA.II(M) dated 15.05.2019.
4. Public hearing conducted on 01.12.2022.

The SEAC noted,

- (i) Earlier, the PP has filed ToR application to MoEF and the proposal was deliberated in 4<sup>th</sup> EAC meeting held during 23-24.04.2019 and ToR was granted dated 15.05.19.
- (ii) Now the PP has applied for EC to SEIAA, TN based on notification SO 1886(E) dated 20.04.2022.
- (iii) The PP requested adequate time to transfer the ToR project from MoEF in order to process for EC.


Hence the committee decided to defer the proposal.

  
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## ANNEXURE-I

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.

  
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7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. 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.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper escapements 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.

  
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13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take

  
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adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the

  
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Project Proponent liable for legal action in accordance with Environment and Mining Laws.

25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the **Appendix -II** of this minute.

  
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**Appendix -I**  
**List of Native Trees Suggested for Planting**

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



40	<i>Premna mollissima</i>	Munnai	முள்ளை
41	<i>Premna serratifolia</i>	Narumunnai	தடு முள்ளை
42	<i>Premna tomentosa</i>	Malaiipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வள்ளி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermium canescens</i>	Vennangu, Tada	வேண்ணாங்கு
46	<i>Pterospermium xylocarpum</i>	Polavu	பூவு
47	<i>Puthranjiva roxburghi</i>	Karipala	கறிபாலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புங்கன் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strebilus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாள் கெட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாந்தி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேணி மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsuratrifoliata</i>	valsura	வால்கரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்புளி

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**Appendix -II**  
**Display Board**  
**(Size 6' x5' with Blue Background and White Letters)**

.....கரங்கம்

கரங்கங்களில் சுவாரி செயல்பாடுகளுக்கான கற்றுத்தழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/..... தேதிவிடப்பட்டு கற்றுத்தழல் அனுமதி \_\_\_\_\_ தேதி வரை செல்லத்தக்கதாக உள்ளது

பகைம பகுதி வளர்ச்சி	சுவாரியின் எல்லைமையச் சுற்றி வேலி அமைக்க வேண்டும்
மேம்பாட்டுக்கான கரங்கத் திட்டம்	கரங்கப்பாறையின் ஆழம் தளையட்டத்திலிருந்து ... மீட்டர்க்கு மிகாமல் இருக்க வேண்டும். காற்றில் மாசு ஏற்படாதவாறு கரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும் இரைச்சல் அளவையும் சூசி மாகபாட்டையும் குறைப்பதற்காக சுவாரியின் எல்லைமைய சுற்றி அடர்த்தியான பகைம பகுதியை ஏற்படுத்த வேண்டும்
கரங்கத்தில் மொது எவக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உள்நிப்பாக செயல்படுத்தப்பட வேண்டும்	
கரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
கரங்க சட்ட விதிகள் 1955ன் கீழ் கரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு கைதாடிமுள்ள கழிப்பறை வசதிகளை செய்யு தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வட்டமாக வாகனங்கள் செல்லும் எல்லைமைய தொடர்ந்து தனக்கு பராமரிக்க வேண்டும்.	
கரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்தலைகள் பாதிக்கப்படக் கூடாது.	
தீர்தலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி தீர்தலை தொடர்ந்து கண்காணிக்க வேண்டும்.	
கரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் கற்றுத்தழல் பாதிக்காத வண்ணம் வாகனங்களை இயக்க வேண்டும்.	
கரங்கப்பணிகள் முடிக்கப்பட்டவுடன் கரங்க மூடல் திட்டத்தில் உள்ளவாறு கரங்கத்தினை மூட வேண்டும்.	
கரங்க நடவடிக்கைகளை முடித்துவிட்டால் கரங்கப் பகுதி மற்றும் கரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு ஏந்தப் பகுதியையும் மறுகட்டுமானம் செய்யு தாவரங்கள் விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகைமப்பகுதியை உருவாக்க வேண்டும்.	
(முழுமையான நிபந்தனைகளை அரிய பாரிவேஷ் ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) என்பிற இணையதளத்தைப் பார்வையிடவும் மேலும் எந்தவித கற்றுத்தழல் சார்ந்த புகார்களுக்கு சென்னைமில் உள்ள கற்றுத்தழல் மற்றும் வள அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட கற்றுத்தழல் பொறியாளரை அணுகவும்	

  
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