

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 144th Meeting of the State Expert Appraisal Committee (SEAC) held on 17th February 2019 for Appraisal of Building and Construction Projects, Townships and Area Development projects, Synthetic Organic Chemicals, Cement Mining projects at ETI hall, 3rd Floor, TNPCB, Guindy, Chennai- 600 032.

Agenda No: 144-TA-01

File No.7163/2019

Proposed Construction of Multistoried Residential Group Building at S. No. 350/1, 357, 358 & 359 of Ayanambakkam Village, Ambattur Taluk, Tiruvallur District, Tamil Nadu by M/s. S&P Foundations (p) Ltd – For Environment Clearance
(SIA/TN/MIS/107952/2019)

The proposal was placed in the 139th SEAC Meeting held on 22.11.2019. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 13° 4'42.41"N latitude and 80° 8'45.27"E longitude. The total plot area of the project is about 18090 Sq.m with a total built up area 44057 Sq.m.
2. The project consists of three towers with Clubhouse; Tower 1 , 2 and 3 each with Stilt+7 floors and Club House with GF+3 Floors.
3. Car parking 345 numbers and 301 numbers of two wheeler parking proposed to be provided.
4. The green belt area proposed for the project is 2960 sq.m (17% of total land area).
5. The daily fresh water requirement is 193kLD to be sourced from Thiruverkadu Municipality.
6. Generated sewage of 97kLD is reported to be treated in STP of 130kLD (55kLD & 75kLD) capacity, 93kLD of treated wastewater will be generated and will be utilized for avenue plantation; 172kLD of grey water will be treated in the grey


Member Secretary


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water treatment of 200kLD (80kLD & 120kLD); out of which 98kLD will be used for flushing, 10kLD for Gardening, 6kLD for OSR and remaining 50kLD will be used for avenue plantation

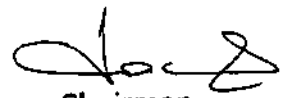
7. Total waste estimated to be generated is 1103 Kg/day in which 662 Kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC-500) within the project site mixed with STP sludge and then used as manure for landscaping purpose within project site and 441 Kg/day is Non Biodegradable waste will be sold to recyclers.
8. The rainwater harvesting pit has 35 nos of 2m dia and 1.8 m depth & the rainwater collection sump 2 no with a total capacity of 110 cu.m to be provided.
9. The proponent is proposed to install D.G set of 2 Nos. of 100kVA, 2 Nos. of 180kVA and 1 No. of 250 kVA capacities to cater the essential load requirement during power failure with a stack height of 32 m for 250 kVA, 180 kVA DG sets and 31 m for 100 kVA DG sets.

The SEAC noted the following:

1. The project proponent M/s. S&P Foundations (p) Ltd has applied for seeking environmental clearance with EIA report to SEIAA-TN on 30.09.2019 for Proposed construction of Multi-storeyed Residential Group Building at S. No. 350/1, 357, 358 & 359 of Ayanambakkam Village, Ambattur Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC directed the proponent to furnish the following details.


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1. The layout plan 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 3m all along the boundaries of the project site. The green belt area should be not less than 15% of the total land area of the project.
2. The contour level of the proposed site shall be studied and furnished and based on that detailed storm water plan shall be prepared considering the flood occurred in the year 2015 and also considering the surrounding developments.
3. The proponent was directed to furnish the steps to be taken to ensure that the site will not be flooded in future, along with the flood management (evacuation) plan.
4. The proponent shall revise the water balance as per the MoEF&CC guidelines & considering the segregate the grey water from the sewage . Further the proponent shall furnish the adequate treatment system for grey water & sewage to be generated from the project premises.
5. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.
6. Cumulative Impacts of the project considering with other infrastructure developments on the Environment shall be furnished.
7. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 after working out the cost of project as per PWD guidelines.

The SEAC directed the proponent to furnish the above said details and on receipt of aforesaid details, SEAC would further deliberate on this project and decide the further course of action.

The project proponent has furnished the above said details on 04.02.2020.


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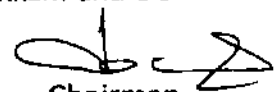

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The proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the standard conditions in addition to following condition:

1. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval and the approved CMDA/DTCP plan shall be submitted to SEIAA. The Total greenbelt area should be minimum of 15% of the total project area.
2. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
3. The proponent has to get necessary permission from competent authority for the disposal of the treated Grey water and Sewage water for the Avenue planation before obtaining CTO from TNPCB.
4. The height of the stack of DG sets shall be provided as per the CPCB norms.
5. The project proponent shall continuously operate and maintain the Sewage treatment plant and Grey Water treatment plant to achieve the standards prescribed by the CPCB.
6. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
7. Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
8. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
9. The safety measures proposed in the report should be strictly followed.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
11. As per the office memorandum of MoEF& CC dated 01.05.2018, 2% of the project cost shall be spent for Government High school, Ayanambakkam and De-


Member Secretary


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siltting, bund strengthening and plantation of trees and grass cover bunds shall be carried out in consultation with PWD/TNPCB.

12. All the commitments made in the Flood Management Plan shall be strictly followed such as the Ground level of site shall be raised by 750mm above the existing road level etc.,

Agenda no: 144-TA-02

(File No: 7225/2019)

Proposed Construction of Industrial Sheds by M/s. Bagur Logistics Park Private Limited at S. No. 4/5, 4/6, 4/7B, 6/8, 6/4B2B, 7/2B1A, 9/1, 9/2A, 14/1, 14/2A, 14/2B, 14/3, 14/5, 14/6A, 14/6B, 14/7, 15/1, 15/2, 15/3, 16/1, 16/2, 16/3, 17/4, 17/5, 21/1, 21/2, 21/3, 21/4, 21/11, 26/3 & 26/4 of Mettupanthanapalli Village, Soolagiri Taluk, Krishnagiri District, TamilNadu. – For Environmental Clearance.

(SIA/TN/MIS/122562/2019)

The proposal was placed in the 139th SEAC Meeting held on 23.11.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The proposed project is a construction industrial shed and the Prospective Tenants are Warehouses, Godowns, Industrial Goods Storage, Data Centres and FMCG Packaging.
2. The total land area of project is 2,33,332.4 Sq.m with total built up area is 1,20,587 Sq.m.
3. The project is located at 12°37'29.18" N Latitude and 78° 4'53.20" E Latitude.
4. The project comprises 11 nos. of sheds. Block A (G + Mezz floors), Block B (G + Mezz floors), Block C (G + Mezz floors), Block D (G + Mezz floors), Block E (G + Mezz floors), Block F (G + Mezz floors), Block H (G + Mezz floors), Block J (G + Mezz floors), Block G1 (Ground Floor), Block G2 (Ground Floor) & Block Gala G3 (Ground Floor)


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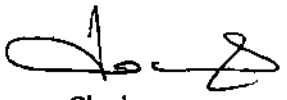
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5. The daily fresh water requirement is 219 kLD for domestic purpose (23 kLD) and greenbelt development (196 kLD) will be sourced through Local Body/Private tankers. The waste water of 67 kLD generated is treated through 80 kLD capacity STP Plant (Moving Bed Bio Reactor - MBBR) resulting in 67 kLD of treated sewage in which 47 kLD is used for flushing, 20 kLD for Greenbelt development.
6. 61,828 Sq.m is earmarked as greenbelt development of 2,916 nos. of native tree species .
7. 136 number of car parks & 473 number of truck parks proposed- 19,438 m2 of parking area allotted.
8. 4,900 kVA of power is required which will be sourced from TNEB grid .Back-up power supply is through 1 no. of 500 kVA with a stack height of 8.5 m above the ground level.
9. The runoff from the project site harvested through harvesting sump of 23 kL capacity. 50 Nos. of recharge pits are proposed in the storm water drain which runs all along the periphery of the site.
10. Total waste estimated to be generated is 952 kg/day in which 567 kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC) within the project site and then used as manure for gardening purpose within project site. The Non Biodegradable waste of 378 kg/day will be sent to recyclers. The STP Sludge of 7 kg/day will be dried and used as manure for green belt development.

The SEAC noted the following:

1. The Proponent M/s. Bagur Logistics Park Private Limited has applied for Environment Clearance "Building and Construction Projects" at S. No. 4/5, 4/6, 4/7B, 6/8, 6/4B2B, 7/2B1A, 9/1, 9/2A, 14/1, 14/2A, 14/2B, 14/3, 14/5, 14/6A, 14/6B, 14/7, 15/1, 15/2, 15/3, 16/1, 16/2, 16/3, 17/4, 17/5, 21/1, 21/2, 21/3, 21/4, 21/11, 26/3 & 26/4 of Mettupanthanapalli Village, Soolagiri Taluk, Krishnagiri District, Tamil Nadu.


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

Based on the presentation made by the proponent and the documents furnished, the SEAC directed the proponent to furnish the following details.

1. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 after working out the cost of project as per PWD guidelines.
2. The layout plan 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 DTCP approval.
3. The proponent shall furnish the A Register and clarify on the village road previously existing.
4. The proponent shall furnish AAQ and present and future traffic studies.

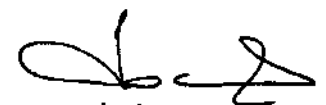
The SEAC directed the proponent to furnish the above said details and on receipt of aforesaid details, SEAC would further deliberate on this project and decide the further course of action.

The project proponent has submitted reply to the above said points to SEIAA.

The proposal was placed in the 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to recommend the proposal for grant of Environmental Clearance SEIAA subject to the standard conditions in addition to following condition:

1. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval and the approved CMDA/DTCP plan shall be submitted to SEIAA. The total green belt area should be maximum of 15% of the total project area.


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2. All the mitigation measures proposed in the proposal for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
3. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
4. The Project proponent shall strictly follow the Zero Liquid Discharge (Sewage) has proposed
5. The height of the stack of DG sets shall be provided as per the CPCB norms.
6. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.
7. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
8. solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
9. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
10. The safety measures proposed in the report should be strictly followed.
11. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
12. The CER fund of 2% of the project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No.144-TA-03:

(File No. 6907/2019)

Proposed Limestone over an extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village, Ariyalur Taluk & District, Tamil Nadu, by M/s. The Ramco Cements Limited – for Terms of Reference.

(SIA/TN/MIN/38441/2019)


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The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. M/s. The Ramco Cements Limited (RCL) are manufacturers of cement for about 14.45 million tons per annum (MTPA) from their Cement Plants in South India. We are operating our 3rd Cement Plant in Tamil Nadu at Govindapuram near Ariyalur. The production capacity of Govindapuram Cement Plant is 3.25 Million Tonnes Per Annum (MTPA) Clinker and 5.5 MTPA Cement. It has 66 MW Captive Power Plant and a Township in the complex.
2. The existing EC capacity for all the 6 mines is 6.30 MTPA with residual reserves of 31.41 Mill. Tonnes. Also, out of 6 MLs, two Mining leases are in Conceptual Stage and will be completely exhausted in another 2 years period. Reddipalayam Mine is having the Reserves of about 13.00 Million Tonnes. To supply the required Limestone demand of Govindapuram Cement Plant, the production level of Reddipalayam Limestone Mine has to be enhanced at the earliest. Accordingly, we propose to increase the production capacity of Reddipalayam Captive Mine from existing 1.70 MTPA to 3.00 MTPA.
3. Reddipalayam Mining Lease has been granted to RCL (earlier M/s. Madras Cements Limited-MCL) vide G.O. No. 662 Industries (MMA 2) Dept., dated 09.10.1998 for a period of 30 years for mining Limestone over an extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village, Ariyalur Taluk & District, Tamil Nadu. The total Mine Lease area is 63.90.0 Ha, out of which 59.49.5 Ha is own Patta Land and 4.10.5 Ha is Government Poramboke Land.
4. The Mining Lease Deed was executed on 05.10.2001 but registration was made to effect only on 23.07.2004 due to Administration reasons. Hence, the validity of ML is with effective from 23.07.2004 to 22.07.2034.
5. The First Mining Plan Approval was obtained for 1.0 LTPA Limestone vide IBM Lr. No. TN/PBR/MP/LST.1132/SZ dated 10.12.1998.


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6. The First EC for the Production of 1.05 LTPA Limestone was obtained vide MoEFLtr. No. J-11015/11/99-IA.II(M) dated 26.11.1999. CTEs were obtained for mining 1.05 LTPA or 414 Tons/day Limestone from TNPCB vide Consent Order No. 1971 (Water Act) and 1926 (Air Act) dated 28.02.2000.
7. However, there was no development and production from this Mine due to operational constraints. With the establishment of RCL Govindapuram Cement Plant at Ariyalur during 2007-08, the Captive Mines in Ariyalur Region were commissioned for Limestone production. With increased Limestone Demand in store, EC for Expansion of Reddipalayam Mine (from 0.105 MTPA to 1.20 MTPA Limestone) was obtained vide MoEFLtr. No. J-11015/119/2007-IA.II(M) dated 28.06.2007 with OB Dump outside Lease. Accordingly, CTOs-Expansion for mining 1.2 MTPA or 4,000 Tons/day Limestone were obtained from TNPCB vide Orders No.17658 (Expansion) (Air)& 21621 (Expansion) (Water) dated 28.08.2008. Accordingly, the Development Works were started in Reddipalayam Mine during 2008-09 as the Over Burden (OB) upto 23 m (max.) had to be removed before mining the Limestone. Limestone production from this Mine commenced from 2011-12.
8. Meanwhile, as Govindapuram Cement Plant was expanded during 2010-11, the Production Enhancement of Reddipalayam Mine from 1.20 MTPA to 1.70 MTPA was proposed. MoEF has awarded EC for expansion in production quantity of 1.7 MTPA Limestone vide Ltr. No. J-11015/337/2009-1A.II (M) dated 22.05.2013. CTO (Expansion) for mining 1.7 MTPA Limestone were also obtained from TNPCB vide Orders No. 21621 (Water Act) and 17658 (Air Act) dated 12.08.2013.
9. The existing Second Scheme of Mining Plan (2015-16 to 2019-20 for 1.70 MTPA productions) has been approved by the Indian Bureau of Mines, Chennai Region vide Letter No. TN/ALR/LST/MS-1213-MDS, dated 13.05.2015. The Production details so far from Reddipalayam Mine is as follows :


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Year	Planned Production, Tonnes	Actual Production, Tonnes	AD Mine Proceeding Reference
2008-09	12,00,000	0	Proceedings dated 27.04.2009
2009-10	12,00,000	0	Proceedings dated 29.04.2010
2010-11	0	0	Rc. No. 120/G&M/2011 dated 01.06.2011
2011-12	17,04,000	1,379.54	Rc. No. 356/G&M/2013-12 dated 09.01.2014
2012-13	17,08,980	2,00,882.34	Rc. No. 356/G&M/2013-12 dated 17.01.2014
2013-14	17,06,900	5,72,987.67	Rc. No. 230/G&M/2014-5 dated 20.01.2015
2014-15	17,01,340	8,55,726.99	Rc. No. 27/G&M/2016-4 dated 05.02.2016
2015-16	16,93,520	15,24,982.35	Rc. No. 27/G&M/2016-4 dated 22.04.2016
2016-17	16,99,514	12,78,759.37	Rc. No. 280/G&M/2017-4 dated 20.03.2018
2017-18	16,96,123	9,96,400.57	Rc. No. 156/G&M/2018 dated 20.06.2018
2018-19	29,99,800	16,05,544.97	Rc. No. 85/G&M/2019 dated 21.05.2019
Total	1,73,10,177	70,36,663.80	

10. Mining is now being carried out by Open Cast Mechanized Non-conventional Method using centric Rippers. The total mining lease area is 63.60 Ha. Out of this, opened-up mine pit is 23.17 Ha and the depth of the existing Mine Pit is 45.0 m BGL. The ground water-table in the mine vicinity is at 25-28 m BGL. Thus, Mining has intersected the ground water-table.


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11. There are two OB dumps. Active OB dump is within the ML area and inactive OB dump is outside the ML area. The Mine Pit is being extended towards north by 29.70 Ha with refilling the exploited Mine Pit with OB in active Dump existing within the Lease. Greenbelt have been developed with 86,000 plants in the mine lease area over an extent of 32.50.0 Ha, with a coverage of 58.17%.
12. As on 01.04.2019, out of 29.36 Million Tonnes of in-situ geological reserves in the mine, 13.04 Million Tonnes of Mineral comes under proved mineable reserve (111) Category.
13. For the proposed Production Enhancement from 1.70 MTPA to 3.00 MTPA Limestone from this Reddipalayam Mine, Modification to the Approved Mining Plan for the 2019-20 has been approved by the Regional Controller of Mines, IBM, Chennai vide Lr. No. TN/ALR/MMP/LST-2056.MDS dated 20.05.2019. RCL is also preparing the Mining Plan for the Period 2020-21 to 2024-25 for IBM Approval within the statutory period.
14. For the proposed production of 3.0 MTPA, Ripper Dozer D375 and or Xcentric Rippers will be opted for Ripping Limestone and the ripped Limestone will be transported by Excavators-Dumper combination. If any hard patches of Limestone encountered during ripping operation, drilling and blasting will be adopted as a contingency measure, occasionally. The Ultimate Pit Depth will be 60 m BGL (-) 15 m RL.
15. The top soil generation of 8,40,416 Tonnes will be dumped partly all along the periphery of the Mining Lease boundary for the afforestation programme and the remaining quantity will also be separately stacked in the northern side of the existing dump. The over burden waste of 75,18,576 Tonnes will be dumped in the mined out voids directly. There will be no generation of mineral reject waste as the mined out Limestone is to be consumed in Run Off Mine (ROM) basis. Life of the Mine is 6 years only.

Mine Profile :

Proved Limestone Reserves : 13.04 Million Tonnes as on 01.04.2019

Proposed Limestone Production : 3.0 MTPA


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Life of the Mine	: 6 years
No. of working days/annum	: 300
Ultimate Pit Depth	: 60 m BGL [(-) 7 to (-) 15 m RL;
Top RLs from 45-43 m]	
Ground Water-table at	: Post Monsoon - 25 m BGL
	Pre Monsoon - 28 m BGL

Mining activities will intersect the ground water-table.

16. The existing Project Cost is Rs. 8.00 Crores. With additional Project Cost of Rs.4.00 Crores for the Expansion, the total Project Cost will be Rs.12.00 Crores. A budget of 1% of the Project Cost will be allotted as CER Budget.
17. Presently, an amount of Rs. 53.00 Lakhs has been earmarked as Capital EMP Budget and Rs. 24.50 Lakhs per Annum is the Operating Cost towards EMP measures, Green Belt maintenance, Environmental Monitoring, etc.
18. The Reddipalayam Lime Stone Mine is located in Reddipalayam village between the Coordinates 79° 09' 45" to 79° 09' 45" Latitudes and 11° 09' 36" to 11° 05' 04" Longitudes; Survey of India Topo sheet No.58 M/4. The site is free from seismic effects (Seismic Zone III). There is no environmental issue about the Mines location. Karaivetti Bird Sanctuary is situated at a distance of 14.3 km in southwest direction. There are 7 Reserved Forests within 10 km radius area.

The SEAC noted the following:

1. The Proponent, the Ramco Cements Limited has applied for Terms of reference to SEIAA-TN for the Proposed for Limestone quarry lease over an Extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC noted that the project proponent has second scheme of mining plan (2015-16 to 2019-20) vide Lr.No. TN/ALR/LST/MS-1213-MDS dated 13.05.2015. Hence, the SEAC


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decided that the period of approval will be lapse shortly. The Proponent is requested to obtain Scheme of mining approved by the IBM for the period (2020 to 2025) and submit the same before SEAC for further processing of the application.

The Project Proponent has submitted the aforesaid details to SEIAA vide in their letter dated 06.11.2019.

The Proposal was placed in this 144th SEAC meeting held on 17.02.2020. The SEAC noted that the project proponent has submitted the scheme of mining approved by the IBM for the period (2020- 2025). After detailed deliberations, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) on obtaining revised Form 1 Incorporating the new scheme of mining approved by the IBM during the years 2020- 2025 to SEIAA with Public Hearing subject to the following specific Terms of Reference in addition to the standard ToR:

1. The quantum of mined material used for back filling into the mined out area shall be indicated. The back filling of mined out area shall be carried out scientifically ensuring that the ground water table in and around the mine is not affected both quantitatively and qualitatively.
2. The project proponent shall carry out a comprehensive Hydro Geological study considering the surrounding mines
3. The project proponent shall carry out a comprehensive fugitive emission survey considering the surrounding mine .
4. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment.
5. EIA study should critically evaluate the impact of transportation of mined material away from the mined area in terms of air pollution specially fugitive emission noise pollution and traffic volume.
6. A detailed report on the green belt developed already in mines operated by the proponent in the same area should be furnished. They should also submit the proposed green belt development activities.
7. A detailed study of the lithology of the mining lease area shall be furnished.


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8. Compliance report for the earlier mining activity shall be furnished.
9. Details of village map, a register and FMB sketch shall be furnished.
10. The Socio economic studies should be carried out within 10km buffer zone from the mines.
11. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report.
12. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
13. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
14. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF& CC dated 01.05.2018.
15. Obtain a letter /certificate from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
16. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
17. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
18. The EIA study report shall include the surrounding mining activity, if any.
19. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
20. A study on the geological resources available shall be carried out and reported.


Member Secretary


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21. A specific study on agriculture & livelihood shall be carried out and reported.
22. Impact on ponds, rivers and other water bodies to be elaborated.
23. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
24. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Agenda No: 144-TA-04

File No.6910/2019

Proposed Rough stone and Gravel quarry over an extent of 2.58.5ha in S.F.Nos.34/3(P), 35/1A1A & 35/1A1B at Arugavoor Village of CheyyarTaluk, Tiruvannamalai District, Tamilnadu by Thiru. B. Rajganesh-- For Environmental Clearance.

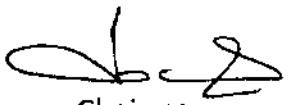
[SIA/TN/MIN/37724/2019, 6910]

The proposal was placed in the 138th SEAC Meeting held on 08.11.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. B. Rajganesh, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide Rc.No. 135/Kanimam/2018 Dated: 02.02.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.58.5ha in S.F.Nos. 34/3(P), 35/1A1A & 35/1A1B at Arugavoor Village of CheyyarTaluk, Tiruvannamalai District, Tamilnadu.


Member Secretary


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2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No.135/Kanimam/2018 Dated 20.05.2019.

3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,03,344m³ and Gravel should not exceed 23,108m³

- a. For First year - 93,780m³ of Rough stone and Gravel of 9,380m³
- b. For Second year - 80,784m³ of Rough stone and Gravel of 11,520m³
- c. For Third year - 83,556m³ of Rough stone and Gravel of 2,208m³
- d. For Fourth year - 65,520m³ of Rough stone
- e. For Fifth year - 79,704m³ of Rough stone

- 4. The quarry operation is proposed to be up to a depth of 50m (2m Gravel + 48 Rough Stone).
- 5. The quarry operation is proposed to be carried out with open cast semi mechanized mining with 6.0m vertical bench and width.
- 6. Rough stone and Gravel are to be transported by Tippers of 5 No. (20 T Capacity).
- 7. The project is locate at 12°40'40.05"N to 12°40'49.53"N latitude and 79°30'36.11"E to 79°30'42.93"E Longitude.
- 8. The total Manpower requirement is 31 Nos.
- 9. Total cost of the projects is Rs. 60.21 lakhs and EMP cost about Rs. 3.80 lakhs.
- 10. The water table is found to be at the depth of 60m in summer and 55m in rainy season.
- 11. Lease area applied is not covered under HACA region.
- 12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
- 13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.


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14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Arugavoor Village, CheyyarTaluk, Tiruvannamalai District dated 03/06/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 135/Kanimam/2018 dated 04.06.2019, inform that the particulars of quarries located within 500 meters radius from the proposed quarry.

i). Existing quarries

S. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent in Hect.	Lease period	Remarks
---NIL---					

ii). Abandoned quarries

S. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent in Hect.	Lease period	Remarks
---NIL---					

iii). Present Proposed Quarries

S. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent in Hect.	Lease period	Remarks
1.	Thiru. B. Rajganes, S/o. Chaanakhya Babu, No.192/86, Habibullah	Arugavoor S. F. Nos. 34/3 (Part),	2.58.5	--	--


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	Road, ThiyagarayaNagar,Chennai	35/1A1A & 35/1A1AB			
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iv). Future Proposed Quarries

S. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent In Hect.	Lease period	Remarks
----NIL----					

The SEAC noted the following:


1. The Proponent, Thiru. B. Rajganesh has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and Gravel quarry over an extent of 2.58.5ha in S.F.Nos. 34/3(P), 35/1A1A & 35/1A1B at Arugavoor Village of Cheyyar Taluk, Tiruvannamalai District, Tamilnadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC directed the proponent to furnish following details so as the SEAC would further deliberate on this project and decide the further course of action.

The proponent has furnished letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 135/Kanimam/2018 dated 04.06.2019 informing that there are no quarries within 500 meters radius from subject area quarry.

1. The project proponent shall furnish the revised letter obtained from Assistant Director, Department of Geology and Mining, Tiruvannamalai with the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry in the following format so as to assess the cluster condition


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Sl. No	Name of the quarry owner	Name of the Mineral	Name of the Village & S.F.No	Extent (in Hectares)	Lease Status
A. Existing Quarries					
B. Abandoned Quarries					
C. Proposed Quarries					

2. It was noted from the documents furnished by the proponent that mining activity was already been carried out in the mining lease area. Hence It is requested to furnish the following details from AD, mines

- What was the period of the operation and stoppage of the earlier mines?
- Quantity of minerals mined out.
- Depth of mining
- Names of the persons already mined in that leases area.
- If EC and CTO already obtained and its compliance report

3. The proponent shall furnish the registered land/lease agreement in the name of the proponent.



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

The project proponent has submitted the above said details to SEIAA on 10.01.2020.

The Proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detailed deliberations, the SEAC decided to recommend the proposal for grant of Environmental Clearance on receipt of the compliance report from the competent authority for the Environmental Clearance and CTO already obtained to SEIAA subject to the following condition in addition to standard conditions:

- The project proponent shall adopt the mine closure plan, depth to be mined out should not be exceeded as per the approved mining plan.


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2. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
3. The mining lease holder 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.
4. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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 monitored by the District Authorities.
9. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
10. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.


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12. The CER fund of 2% shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No: 144-TA-05

File No: 6941/2019

Proposed Savudu quarry over an extent of 3.16.0 hectares of PWD Tank in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu by Thiru C. Venkatraman— Environmental Clearance (SIA/TN/MIN/38640/2019)

The proposal was placed in the 132th SEAC Meeting held on 25.06.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/Lease details:

The District Collector, Kancheepuram directed the proponent, vide letter No.544/Q3/2018 dated 06.06.2019 to get approved Mining Plan and Environment Clearance from the concerned authority for grant of quarry lease for a period of 70 days for Savudu for the purpose of de silting over an extent of 3.16.0 hectares of PWD Tank land in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu.

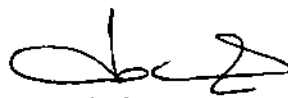
The quarry operation is proposed up to a depth of 0.9m below ground level. The mineable reserve is 30,000 Cum and the total quantity permitted to be exploited is 28,440m³ in 70 days. Out of 3.16.0 Ha, mining area will be the whole area since it is a PWD tank desilting and there is no Green belt development.

2. Mining Plan/Scheme of Mining approval details:

Mining Plan approved by Assistant Director of Geology and Mining, Kancheepuram vide. Rc No.:544/Q3/2018 dated 26.06.2019 for a period of 70 days.

The following are the production and developmental works to be carried out for 70 days as given in the table below,


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Year/ Month	Over Burden (m ³)	ROM (m ³)	Saleable ore / mineral (m ³)	Sub grade ore / mineral	Mineral Rejects	Ore to overburden ratio
70 days	Nil	28,440	28,440	0.00	0.00	1: 0

Total production for 70 days: 28,440 M³ up to a depth of 0.90m

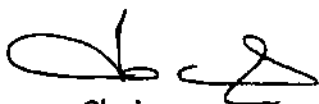
$$200\text{m} \times 158\text{m} \times 0.9\text{m} = 28,440\text{m}^3$$

3. As per the Approved Mining Plan Production shall not exceed 28,440 M³ (or) 5000 lorry loads(70 days)
4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.
5. Earth (Savudu) quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m³ bucket capacity and tipper /Tractor combination.
6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area.

The area is represented by Survey of India Topo sheet No. 57 P/14 and the geographical coordinates lies between Latitude: 12 ° 42' 29.32" N - 12 ° 42' 35.17" N and Longitude: 79° 54' 36.67" E - 79° 54' 44.01" E. Nearest village is Mambakkam at a distance of 180m on North with Population of 627. Nearest Town is Chengalpattu at a distance of 8km on South East. Nearest Airport is Chennai at 42.9km on NE and Nearest Railway station is Reddypalayam at distance of 4.99km on East. Nearest Roadways are follows:

- i. NH-45, Chengelpet to Guduvancherry -6Km -South East
- ii. SH58 State Highway Chengelpet to Kancheepuram - 4.57Km - NW
- iii. Mayur to Penaiyur Road 366m - North
- iv. Village Road – 30m - West


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Nearest water bodies are Kolavai Lake on Eastern side at 7Km and Palar River at 3km on North East. Tamil Nadu- Andhra Interstate Boundary is located at a distance of 60km on North. Bay of Bengal is located at a distance of 34.59km on Eastern side.. The nearest wildlife sanctuary is Vandalur Zoo Park at a distance of 26km on NE. Paranur R.F is located at 6.1km on North Eastern side. The quarry lease area falls under Zone-II, Low damage risk zone (MSK VII) as per BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002 and does not attract the general conditions as per EIA Notification, 2006. It does not fall under notified HACA villages.

The SEAC noted the following:

1. The Proponent, Thiru C. Venkatraman has applied for Environmental Clearance to SEIAA-TN for the proposed Savudu quarry over an extent of 3.16.0 hectares of PWD Tank in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. It was observed that the portion of the tank was already de-silted. Hence the proponent is requested to obtain the following details on

- a) What was the period of the operation and stoppage of the de-silting work carried out in the lease approved area If any?. If it so, it is requested to furnish the details along with name of the Government scheme.
- b) Quantity of minerals already mined out in the lease approved area.
- c) Depth of mining already mined out in the lease approved area
- d) Name of the person already mined in that leases area .
- e) The detail of present Legal issues/pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any .
- f) The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows.


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S. No.	Name of the quarry owner	Village	S. F. No.	Extent in ha.
a. Existing Quarries				
b. Abandoned / Expired Quarries				
c. Proposed Quarries				

Further, it was decided that the SEAC would further deliberate on this project and decide the further course of action on receipt of the above details.

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. After the detailed discussion on the reply submitted by the proponent the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to normal condition in addition to following conditions:

1. Ground water quality monitoring should be conducted once in Six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 monitored by the District Authorities.


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7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
10. The mining lease holder 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.
11. The CER fund of 2% shall be spent as per office memorandum of MoEF&CC dated 01.05.2018.

The Authority detailed discussion and decided to refer back SEAC to instruct the details on the project from the proponent the details from the Executive Engineer, PWD, WRD, Kancheepuram District and to send it back with recommendations:

- a) What was the period of the operation and stoppage of the de-silting work carried out in the lease approved area If any? If it so, it is requested to furnish the details along with name of the Government scheme.
- b) Quantity of minerals already mined out in the lease approved area.
- c) Depth of mining already mined out in the lease approved area
- d) Name of the person already mined in that leases area.
- e) The detail of present Legal issues/pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any.


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f) The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows.

S. No.	Name of the quarry owner	Village	S. F. No.	Extent in ha.
a. Existing Quarries				
b. Abandoned / Expired Quarries				
c. Proposed Quarries				

SEAC noted from the Public Works Department letter No.JDO.1/F.22 (Mines & Quarries)/2019/ dated 28.11.2019 informed that there is no litigation or legal issue pending in S.F.No.250/2 in Vichur Tank on the subject of quarrying of Earth/ Savudu and also reported that s per the studies conducted by Water shed management Board/IHH, Poondi, the range of siltation of Traditional water bodies like vichur Tank is about 15% to 20 %. There is substantial quantum of Silt/Savudu/Earth is available in the Vichur Tank bed due to sedimentation, removing of these sediments will be increasing the storage capacity and in turn will be highly beneficial for Ayacut stabilization, water supply Augmentation, Ground Recharge and flood Mitigation.

Letter obtained from the Assistant Director, Geology and Mining Department, Kancheepuram vide Letter RC. No. 544/Q3/2018, dated 15.07.2019, the details of quarries situated within 500m radial distance from the periphery of this proposed quarry are furnished as follows.

Details of existing mine:

Sl. No.	Name of the Lessee/Applicant	Taluk &	S.F.Nos.	Extent (in	Mineral	Lease Period
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		Village		Hect)		
---NIL---						

Details of Lease period expired/abandoned mine:

Sl. No.	Name of the Lessee/Applicant	Village	S.F. Nos.	Extent (In Hect)	Mineral	Lease Period
1.	M.G.Ramados S/o.Govindasamy, No.3B, Rivera Apartment, No.11,4 th Main Road Extn., Chennai	Vichoor				
2.						



Details of proposed Mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F.Nos.	Extent (In Hect)	Mineral	Lease Period
1.	G.Kasinathan	Udaiyarpalam & Udaiyarpalam (East)	532/3A, 532/3B,532/6A, 532/6B, 532/6C & 532/7	1.45.0	Gravel	---

The sum total of the existing and proposed mines will be 1.45.0 Ha, which is less than 5 Ha.

The SEAC considered the proposal on verification of all the details and based on the data only SEAC appraised the application and recommended to SEIAA. After recommendation


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of SEAC, on receipt of the required data from the proponent, the SEIAA shall consider for issue of Environmental Clearance accordingly.

In this regards, SEAC once again decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to the conditions specified in the 140th SEAC Meeting held on 10.12.2019.

Agenda no. 144-TA-06

(File/No. 7147/2019)

Proposed Gravel Quarry lease over an extent of 1.45.0Ha in S.F.Nos. 532/3A, 532/3B, 532/6A, 532/6B, 532/6C & 532/7 at Udayarpalayam (East) Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by Thiru. G. Kasinathan Ariyalur – For Environmental Clearance.

(SIA/TN/MIN/42106/2019)

The proposal was placed in the 137th SEAC Meeting held on 18.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. G. Kasinathan, Ariyalur, Precise Area Communication was issued by the District Collector, Ariyalur vide Rc.No.230/G&M/2018, Dated: 25.06.2019 for a period of 3 years. It is a fresh lease for Gravel Quarry over an extent of 1.45.0Ha in S.F.Nos. 532/3A, 532/3B, 532/6A, 532/6B, 532/6C & 532/7 at Udayarpalayam (East) Village. Udayarpalayam Taluk, Ariyalur District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 3 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Ariyalur District vide Rc.No. 230/G&M/2018, Dated: 29.07.2019.


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3. As per the Department of Geology and Mining, Ariyalur District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of Gravel should not exceed 13,041m³ and Topsoil should not exceed 1,325m³
 - a. For First year - 4,463m³ of Gravel and 702m³ of Topsoil
 - b. For Second year - 4,099m³ of Gravel and 624m³ of Topsoil
 - c. For Third year - 4,480m³ of Gravel
4. The quarry operation is proposed up to a depth of 2m (0.25m Topsoil and 1.75m Gravel).
5. The Quarry operation is proposed to carry out with by open cast semi mechanized method (Without drilling & blasting).
6. Rough stone are to be transported by Tippers (10/20 T Capacity).
7. The project is locate at 11°10'37.17"N to 11°10'42.14"N latitude and 79°18'06.34"E to 79°18'12.25"E Longitude.
8. The total Manpower requirement is 9 Nos.
9. Total cost of the projects is Rs. 9.85 lakhs and EMP cost about Rs. 2.90 lakhs.
10. The Water table is found to be at the depth of 30m below ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.


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17. Letter obtained from the Deputy Director, Department of Geology and Mining, Ariyalur vide Letter RC. No. 230/G&M/2018, dated 29.07.2019, the details of quarries situated within 500m radial distance from the periphery of this proposed quarry are furnished as follows.

Details of existing mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F.Nos.	Extent (in Hect)	Mineral	Lease Period
---NIL---						

Details of Lease period expired/abandoned mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F. Nos.	Extent (in Hect)	Mineral	Lease Period
1.	S.Duraimaran	Udayarpalayam&Udayarpalayam (East)	533/2B, 36B, 6,7,534/9, 10	1.85.5	Gravel	27.10.2004 To 01.03.2007
2.	S.Duralmaran	Udayarpalayam&Udayarpalayam East	531/3	2.02.5	Gravel	02.03.2006 To 01.03.2009
3.	D.Sudha	Udaiyarpalayam & Udaiyarpalayam	518/11, 12, 13A, 532/8,	1.85.0	Gravel	01.06.2011 To


Member Secretary


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		East	10B, 11B, 676/3B, 4A, 2, 3A,3C, 676/4B			31.05.201 4
4.	G.Selvadurai	Udaiyarpalam & Udaiyarpalam East	516/2B, 517/2,3	3.76. 0	Grave 1	26.02.20 16 To 25.02.20 19
			Total	9.49. 0		

Details of proposed Mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F.Nos.	Extent (In Hect)	Mineral	Lease Period
1.	G.Kasinathan	Udaiyarpalam & Udaiyarpalam (East)	532/3A, 532/3B, 532/6A, 532/6B, 532/6C & 532/7	1.45.0	Gravel	---

The SEAC noted the following:

1. The Proponent, Thiru. G. Kasinathan has applied for Environment Clearance to SEIAA-TN for the Proposed Gravel Quarry lease over an extent of 1.45.0Ha in S.F.Nos. 532/3A, 532/3B, 532/6A, 532/6B, 532/6C & 532/7 at Udayarpalayam (East) Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu.


Member Secretary


Chairman

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2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006

After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

This detail has to be submitted before placing the subject to SEIAA.

8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF& CC, GOI, New Delhi.


Member Secretary


Chairman

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9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
11. CER activities should be carried out for infrastructure Development in Government school at Udayarpalayam (East) Village, Udayarpalayam Taluk, Ariyalur District, for Rs.0.26 Lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Further the SEAC decided to request the proponent to furnish the following detail in the prescribed format.

Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
a. Existing quarries				
1				
2				
b. Abandoned quarries				
1				
2				
c. Proposed quarries				
1				
2				

The proponent shall furnish the above said details, before placing the subject to SEIAA.


Member Secretary


Chairman

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The Authority detailed discussion and decided to refer back SEAC to instruct the details on the project proponent may get the following information from the AD/DD mines, Ariyalur District in the following format "Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
a. Existing quarries				
1				
2				
b. Abandoned quarries				
1				
2				
c. Present Proposed quarries				
1				
2				
d. Future Proposed quarries				
1.				
2.				
Total extent				

The proposal was placed in the 144th SEAC meeting held on 17.02.2020. The SEAC noted the details furnished by the proponent to SEIAA on 25.11.2019 as follows


Member Secretary


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Letter obtained from the Deputy Director, Department of Geology and Mining, Ariyalur vide Letter RC. No. 230/G&M/2018, dated 29.07.2019, the details of quarries situated within 500m radial distance from the periphery of this proposed quarry are furnished as follows.

Details of existing mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F.Nos.	Extent (In Hect)	Mineral	Lease Period
---NIL---						

Details of Lease period expired/abandoned mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F. Nos.	Extent (In Hect)	Mineral	Lease Period
1.	S.Duraimaran	Udayarpalayam&Udayarpalayam (East)	533/2B, 36B, 6,7,534/9, 10	1.85.5	Gravel	27.10.2004 To 01.03.2007
2.	S.Duraimaran	Udayarpalayam&Udayarpalayam East	531/3	2.02.5	Gravel	02.03.2006 To 01.03.2009
3.	D.Sudha	Udayarpalayam &	518/11, 12, 13A,	1.85.0	Gravel	01.06.2011


Member Secretary


Chairman

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		Udaiyarpalayam East	532/8, 10B, 11B, 676/3B, 4A, 2, 3A, 3C, 676/4B			To 31.05.201 4
4.	G.Selvadurai	Udaiyarpalam & Udaiyarpalam East	516/2B, 517/2,3	3.76. 0	Grave 1	26.02.20 16 To 25.02.20 19
			Total	9.49. 0		


Details of proposed Mine:

Sl. No.	Name of the Lessee/Applicant	Taluk & Village	S.F.Nos.	Extent (in Hect)	Mineral	Lease Period
1.	G.Kasinathan	Udaiyarpalam & Udaiyarpalam (East)	532/3A, 532/3B, 532/6A, 532/6B, 532/6C & 532/7	1.45.0	Gravel	---

The sum total of the existing and proposed mines will be 1.45.0 Ha, which is less than 5 Ha.

The SEAC considered the proposal on verification of all the details and based on the data only SEAC appraised the application and recommended to SEAC. After recommendation of SEAC, on receipt of the required data from the proponent, the SEIAA shall consider for issue of Environmental Clearance accordingly.


Member Secretary


Chairman
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In this regards, SEAC once again decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to the conditions specified in the 137th SEAC Meeting held on 18.09.2019.

Agenda.No: 144-TA-07

File no. 6809/2019

Proposed Rough Stone and Gravel Quarry over an area of 3.49.22Ha in Survey Nos. 14/2F, 14/2G, 14/4E, 14/3B, 14/4B, 14/1B2, 14/3A, 14/4A, 14/2E1 and 14/4C1 at Kurayur Bit-I Village, Kallikudi Taluk, Madurai District, Tamil Nadu by Thiru.D.Sakthivel - For Environmental Clearance

(SIA/TN/MIN/42177/2019)

The proposal was placed in the 135th SEAC Meeting held on 06.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru. D. Sakthivel, Precise Area Communication was issued by the District Collector, Madurai vide RC.No.1884/2018-Mines, dated 07.12.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 3.49.22 Ha in S.F.No. 14/2F, 14/2G, 14/4E, 14/3B, 14/4B, 14/1B2, 14/3A, 14/4A, 14/2E1 and 14/4C1 19(1), 41 and 42 at Kurayur Bit-I Village, Kallikudi Taluk, Madurai District.

2. Mining Plan / Scheme of Mining approved details:

The Mine plan for this project was approved by Deputy Director, Geology & Mining, Madurai vide Rc.No.1884/2018-Mines, dated 06.03.2019.

3. The quarry operation is proposed up to a depth of 46m (from + 110m RL + 64m RL Rough stone).


Member Secretary


Chairman

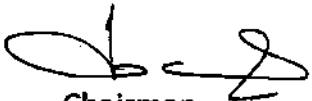
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4. The Quarry operation is proposed to carry out with open cast semi mechanized method of mining with jackhammer, drilling, blasting, excavator, transportation by tippers.
5. The project is located at 09°42'24"N to 09°42'32"N latitude and 78°02'29"E to 78°02'37"E Longitude.
6. The total Manpower requirement is 17 persons permanently and 8 people temporarily.
7. Total cost of the projects is Rs. 83.16 lakhs and EMP cost about Rs. 3,80 lakhs.
8. The Water table is found to be at the depth of 50m in summer and 53m in rainy season.
9. Lease applied area is not covered under HACA region.
10. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
11. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
12. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
13. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
14. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
15. No habitation within the radius of the 300m from the lease area.
16. Letter obtained from the Deputy Director, Department of Geology and Mining, Madurai vide Letter No. 1884/2018-Mines dated 28.03.2019, that no Proposed / Existing / lease expired quarries located within 500m radius from the proposed quarry.

The SEAC noted the following:

1. The Proponent, Thiru.D.Sakthivel has applied for Environmental Clearance to SEIAA-TN for the proposed Rough stone and gravel Quarry for over an extent of


Member Secretary


Chairman
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3.49.22 Ha in S.F.Nos. 14/2F, 14/2G, 14/4E, 14/3B, 14/4B, 14/1B2, 14/3A, 14/4A, 14/2E1 and 14/4C1 at Kurayur Bit-I Village of Kallikudi Taluk, Madurai District.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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

1. Periyakulamkanmai is located very adjacent to the Mining lease area. The project proponent proposed to mine upto a depth of 46 meter. Hence, PWD NOC shall be obtained that operation of the quarry does not affect the storage capacity of the Periyakulamkanmai.
2. The study shall be conducted for $PM_{2.5}$ & PM_{10} and the report shall be furnished.
3. The safety distance proposed from the mining lease area to the Periyakulamkanmai shall be furnished with the layout plan.
4. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,
" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site.
5. Lithology of the project site shall be studied and furnished.
6. Impact of the Operation of the proposed Mining quarry shall be studied by Modeling for Fugitive Emission and Air Emission.

On receipt of the above details, the further course of action may be taken by the SEAC.

The project proponent has submitted the details on 21.01.2020 to SEIAA.

The proposal was placed in this 144th SEAC meeting held on 17.02.2020. from the details furnished by the proponent it was inferred that permission from PWD, Madurai subject to certain conditions vide in their letter dated 09.12.2019, the copy of the


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Ambient Air Quality report conducted on 20.06.2019 in the mine lease area and Thirumal village shows that PM_{10} & $PM_{2.5}$ is 47.1 & 20.6 Micro gram/ Cubic meter, the registered lease documents etc.

After detail deliberations, the SEAC has identified that this area is a grey area hence the project proponent shall furnish the technical study report to be conducted by the Government /R&D reputed institutions to assess whether there will be any seepage of water due to fracture during blasting before grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. The proponent should strictly follow the conditions imposed by the PWD & WRD, Madurai addressed to the Geology of Mining Department, Madurai letter dated 09.12.2019.
2. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
3. The mining lease holder 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.
4. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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 monitored by the District Authorities.


Member Secretary


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9. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The CER fund of 2% shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda.No: 144-TA-08

File No: 6831/2019

Proposed Production Capacity Expansion of Methyl Ethyl Ketone and Secondary Butyl Alcohol & Proposed production of Methyl Iso Butyl Carbinol, Phenyl Propyl Alcohol and Mixed Alcohols at Sathangadu Village , Chinnasekkadu Village, Manali, Chennai by M/s. Cetex Petrochemicals Limited – For Environment Clearance.

(SIA/TN/IND/36147/2007)

The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

- i. The proposal is for environmental clearance to the project "Proposed Production Capacity Expansion of Methyl Ethyl Ketone and Secondary Butyl Alcohol & Proposed production of Methyl Iso Butyl Carbinol, Phenyl Propyl Alcohol and Mixed Alcohols at Sathangadu & Chinnasekkadu Village, Manali, Chennai, by M/s. Cetex Petrochemicals Limited".


Member Secretary


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- ii. Due to the absence of SEAC – TN the file was submitted to MoEFCC and standard ToR has been issued by MoEFCC vide letter No.J-11011/1113/2007-IA-II(I) dated 08.10.2018.
- iii. M/s Cetex Petrochemicals Limited obtained EC to their existing project from MoEF&CC vide letter no. J-11011/1113/2007-IA-II(I) dated 16.09.2008.
- iv. Existing land area is 207320.45 m²; the proposed expansion will take place within the existing plant no additional land will be used for proposed expansion.
- v. Currently green belt in an area totalling 10117 Sq.m has been developed. During the proposed expansion additional 58315 Sq.m of green belt will be further added in order to strengthen the greenbelt inside the premises which is 33% of the total area.
- vi. The estimated expansion cost is Rs. 42 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs.290 lakhs and the Recurring cost (operation and maintenance) will be about Rs 17.2 Lakhs per month.
- vii. Total Employment will be 70 persons as direct & 20 persons indirect after expansion. Industry proposes to allocate Rs. 42 Lakhs i.e. 1.0 % of project cost towards Corporate Environmental Responsibility.
- viii. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves and Wildlife Corridors etc. within 10 km distance from the project site.
- ix. River/ water body such as Puzhal Lake, korattur Lake, Cholavaram Lake and Retteri Lake are at a distance of 8.1 km, 8.3 km, 14.7 km and 5 km respectively in West, South West, North west and west directions.
- x. Ambient air quality monitoring was carried out at 8 locations during July to September 2018 and the baseline data indicates the ranges of concentrations are in the range of PM₁₀ (42.2 - 79.6 µg/m³), PM_{2.5} (20.9 - 42.8 µg/m³), SO₂ (5.63 - 13.6 µg/m³) and NO₂ (10.6 - 20.8 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 86.46 µg/m³, 13.6 µg/m³ and 20.8 µg/m³ with respect to PM₁₀, SO_x and


Member Secretary


Chairman

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NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

- xi. Total water requirement is 1115kLD of which water requirement of 1018.6 KLD will be met from CMWSSB TTRO water and 96.4 KLD will be met through recycled/condensate within the plant.
- xii. Domestic sewage of 22 KLD will be treated in the Existing STP. Effluent of 108 kLD will be treated through Effluent Treatment Plant (UASB, Aeration, UF, RO module I, II & III and ME Stage I, II, III & IV). The plant will be based on Zero Liquid discharge system.
- xiii. Storm water drains have been provided along the facility to ensure that this is totally separated from process effluent. We have 6 No's of rain harvesting pits and has proposed to construct additional 6 No's with proper storm water drain for expansion. The Roof top drains are linked with Rain water harvesting sump.
- xiv. Power requirement after expansion will be 1.65 MW including existing 0.95 MW and will be met from Co-Gen plant of 2 MW capacity + TANGEDCO. Existing unit has 1 DG set of 1500 KVA capacity (Stack Height – 30 m), additionally 1 DG set is proposed of 2000 KVA Capacity which are used as standby during power failure. Stack height of 30 m will be provided as per CPCB norms to the proposed DG set.
- xv. Existing unit has Wood fired boiler - 4T capacity, Bio Mass fuel Boiler – 8T capacity & Thermic heater 20,00,000 K.Cals and Bio Mass Boiler –22 T capacity & Thermic heater 20,00,000 K.Cals. Wet chamber, Dust collector and Electro static precipitators with adequate stack heights are provided for controlling the particulate emissions within the statutory limit.
- xvi. Details of Process emissions generation and its management:

S.No	Sources of Emission	APC Measures Provided	Stack Details	
			Dimension (Dia. in mm)	Height from GL (In Meter)


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1	Multi fuel Boiler/Hot oil heaters	Running only as standby	750	30
2	Relief headers , Balance headers	Flare recovery system	600	36
3	Exhaust of 1500 KVA DG	Stack	200	30
4	Wood fired boiler- 4 T capacity	Wet chamber	750	30
5	Bio Mass fuel Boiler – 8T capacity and Thermic heater 20,00,000K.Cals.	Dust collector	1100	30
6	Bio Mass Boiler – 22 T capacity and Thermic heater 20,00,000K.Cals.	Electro Static Precipitator	2500	35
7	Exhaust of 2000 KVA DG – proposed	Stack	200	30
II	Fugitive/Noise Emission	Type of emission	Control measures	
7	DG set 1500 KVA	Noise	In built acoustic barrier	-
8	DG set 2000 KVA-proposed	Noise	In built acoustic barrier	

The Air Pollution Control (APCS) System will be strengthened for the proposed activities like

- Adequate stack height will be provided for the proposed DG set as per CPCB
- Vent condensers are incorporated in outlet of overhead condenser to control plant process emissions.
- Adsorbent shall be provided along with breather valve in the storage tank in order to control VOC emission to atmosphere.
- Nitrogen blanketing shall be provided for proposed storage tanks in EOU.


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xvii. Details of Solid waste/ Hazardous waste generation and its management.

Solid Waste Generation

S.No	Nature of Solid Waste	Quantity		Unit	Mode of Disposal
		Existing	Proposed		
1	STP sludge	4	4.2	Kg/day	Used as Manure
2	Bio degradable Waste (Food and Garbage)	40	42	Kg/day	Biogas Plant and fuel used for canteen
3	Non-Bio degradable Waste (Stationary, Scrap and Packaging Waste)	30	32	Kg/day	Authorized Venders / scrap material collected and sold to authorized recyclers

Hazardous Waste Generation

S. No	Name of the Process	Name of the process waste (Category No)	Annual Generation T/Y (Existing)	Annual Generation T/Y (Proposed)	Waste Disposal
1	Industrial operation using mineral / synthetic oil as lubricant in hydraulic	5.1 Used/Spent Oil	1600L/ Year	2000L/ Year	Collection, Storage & disposal to TNPCB/CPCB Authorized recyclers


Member Secretary


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	system				
2	Petro Chemical Process and Catalytic Operations	1.6 Spent Catalyst and molecular sieves	1T/ 5 year	2 T/ 5 year	Collection, Storage & disposal as landfill TSDF, Gummidipoondi
3	Purification and Treatment of exhaust air, water and waste water	35.3 Chemical sludge from waste water treatment plant	2 T/ Year	2.5 T/ Year	Collection, Storage & disposal as landfill TSDF, Gummidipoondi

xviii. Compliance report was submitted to RO (South Eastern Zone) and certified compliance was obtained from Regional office F.no. EP/12.1/727/TN/0159 dated 31.01.2018.

xix. No, litigation against the project

xx. The details of products and capacity for existing and proposed.

Proposed Production Capacity Expansion of MEK & SBA and Proposed production of MIBC, PPA & Mixed Alcohol

S. No.	Details	Description	
		Existing	After Expansion
1.	Production Capacity MTA	24050	46050
2	Man power (admin, technical & contract	80	90


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	workers)		
3	Power Requirement (Co- Gene plant + TANGEDCO)	0.95 MW	1.65 MW
4	Water(CMWSSB) Supply/ Requirement	845 KLD [782 KLD fresh water from CMWSSB + 63 KLD recycled/condensate within the plant]	1115 KLD [1018.6 KLD TTRO water from CMWSSB + 96.4 KLD recycled/condensate within the plant
5	Sewage treatment	20 kLD with 20 hours of operation at a flow rate of 1.0 cum/hr.	22 kLD with 22 hours of operation at a flow rate of 1.0 cum/hr.
	Effluent treatment Zero Liquid Discharge	70 kLD (UASB, Aeration, UF, RO module I & II and ME stage I & II)	108 kLD (UASB, Aeration, UF, RO module III & ME Stage III & IV)

Details of Raw materials

S.No	Raw Materials	Quantity (in tons)		Source	Mode of Transportation
		Existing	Proposed		
SBA & MEK					
1	C4 Mix (2-Butene)	26400	18000	CPCL, Manali	Pipe Line
2	98% Sulphuric Acid	22700	15500	Indian manufacturer/Trader	Road Tanker


Member Secretary


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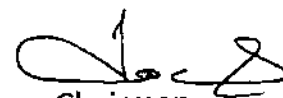
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3	Caustic Flakes	250	170	Indian manufacturer/Trader	Road Tanker
4	Hydrochloric acid	90	60	Indian manufacturer/Trader	Road Tanker
MIBC					
1	Methyl Isobutyl Ketone (MIBK)	-	6000	Import	Ship / Road Tanker
2	Hydrogen	-	200	Indian manufacturer/Trader	Road Truck
PPA					
1	Cinnamaldehyde	-	1250	Import	Ship / Road Tanker
2	Hydrogen	-	50	Indian manufacturer/Trader	Road Truck
MIXED ALCOHOL					
1	Secondary Butanol (SBA)	-	600	Self	Self
2	Methyl Isobutyl Carbinol (MIBC)	-	400	Self	Self

Details of production.

S.No	Name of the product	Quantity (Existing)	Quantity (Proposed)	Capacity after expansion (TPA)
1	Methyl Ethyl Ketone	10000	5000	15000
2	Secondary Butyl Alcohol	12000	10000	22000
3	Methyl Iso Butyl Carbinol	-	5000	5000
4	Phenyl Propyl Alcohol	-	1000	1000
Fine Chemicals				


Member Secretary


Chairman
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5	Mixed Alcohol	-	1000	1000
6	Cinnamic Alcohol	1080	-	1080
7	Anisyl Alcohol	276	-	276
8	Styrallyl Alcohol	228	-	228
9	Styrallyl Acetate	150	-	150
10	Oximone	20	-	20
11	Phenyl Ethyl Alcohol	96	-	96
12	Tertiary Butyl Cyclohexyl Acetate	200	-	200
Total		24050	22000	46050

The SEAC noted the following:

1. The Proponent, M/s. Cetex Petrochemicals Limited has applied for Environment Clearance to SEIAA-TN on 21.05.2019 for the Production Capacity Expansion of MEK and SBA & Proposed production of MIBC, PPA & Mixed Alcohol at Sathangadu&Chinnasekkadu Village, Manali, Chennai, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(f) "synthetic organic chemicals Industry Projects" of the Schedule to the EIA Notification, 2006.
3. The proponent has furnished the Health, safety and Environment Audi Report prepared by M/s Department of Civil Engineering , IIT Madras , Chennai – 36 from the report it was concluded that " from the health data, it is clear that most of the dieses are slightly more prominent in the North Chennai population compared to South Chennai. This may be due to different reasons like low nutrition level, pollution, living conditions, hygienic conditions and sitation. One cannot attribute this to air pollution and that too to a specific compound, such as MEK. Based on the study results, it is not possible to attribute any health impact on pregnancy, particularly with respect to miscarriage and abortions recorded on the community surrounding the industry, M/s. Cetex Petrochemicals Limited."
4. MoEF&CC has accorded Terms of Reference (ToR) vide No.J-11011/1113/2007-IA-II(I) dated 08.10.2018 with public consultation.

The SEAC noted that M/s. Cetex Petrochemicals Limited located at Sathangadu&Chinnasekkadu Village, Manali, Chennai, Tamil Nadu. Further, the Hon'ble


Member Secretary


Chairman

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National Green Tribunal, Principal Bench, New Delhi in its order dated 10.07.2019 in Original Application No. 1038/2018 that pronounced that.....

"Accordingly, We direct the CPCB in coordination with all State PCBs/PCCs to take steps in exercise of statutory powers under the Air (prevention and Control of Pollution) Act, 1981, Water (Prevention and Control of pollution) Act, 1974, Environment (Protection) Act, 1986 or any other law to prohibit operation of polluting activities in the said CPAs and SPAs within three months and furnished a compliance report to this Tribunal. The Central Pollution Control Board, in coordination with the State boards/PCBs may make assessment of compensation to be recovered from the said polluting units for the period of last 5 years, taking into accounts the cost of restoration and cost of damage to the public health and environment and the deterrence element. The scale of deterrence may be related to the period and the frequency of defaults. Such other factors as may be found relevant may also be taken into account. No further Industrial activities or expansion be allowed with regards to 'red' and 'Orange' category units till carrying capacity of area is assessed and new units or expansion is found viable having regard to the carrying capacity of the area and environmental norms."

Accordingly, the Manali (Tamil Nadu) has CEPI score of 84.15 (CPAs).


The SEAC decided not to take further course of action until further orders from the Hon'ble National Green Tribunal/ MoEF&CC.

Further, O.M No.F.No. 22-23/2018 -IA.II (Pt) MoEF&CC Dt. 31.10.2019 has stated the following " The Hon'ble NGT in O.A.No .1038/ 2018 had passed orders regarding formulation of a mechanism for environmental management of critically and severely polluted areas and consideration of activities/projects in such areas.

The following mechanism has been finalized by the Ministry and necessary action may be taken as given below:

- a) In cases pertaining to Critically and Severely Polluted Areas, where the environmental clearance proposal is yet to be referred to the EACs/SEACs, the mechanism may be provided to the EACs/SEACs which after due


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diligence may prescribe additional conditions as incorporated in the mechanism for environmental protection.

- b) In cases pertaining to Critically and Severely Polluted Areas, where the environmental clearance proposal has already been recommended by the EACs/SEACs, and the proposal was kept on hold, the mechanism may now be considered by the concerned sectors of the Ministry/SEIAAs and after due diligence the concerned sectors of the Ministry/SEIAAs may prescribe additional conditions as incorporated in the mechanism for environmental protection while issuing ECs.

and enclosed the following mechanism for environmental management of Critically and Severely Polluted Areas and consideration of activities/projects in such areas in compliance of directions issued by Hon'ble National Green Tribunal on 19.08.2019 (published on 23.08.2019) in O. A. No. 1038 2018.

- B. Consideration of proposals for grant of Environmental clearance for new and expansion activities listed in 'Red' and 'Orange' Categories located in Critically Polluted Areas and Severely Polluted areas:

- ii. Proposals located in CPAs and SPAS may be examined by the sectoral Expert Appraisal Committee (EAC) during scoping/ appraisal based on the CEP' scores of Air/Water/ Land Environment as published by CPCB from time to time. In such proposals, appropriate mitigation measures for the environment possessing higher CEPI score may be made by EAC in the form of recommendations/ decision. These recommendations may be explicitly mentioned in the Terms of Reference/Environmental Clearance letter and to be ensured by the member secretary concerned.

Based on above decision the subject was placed in this 139th SEAC Meeting held on 23.11.2019. The project proponent gave detailed presentation on the environmental impact assessment.

The SEAC noted that


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"As per O.M No.F.No. 22-23/2018 -IA.II (Pt) MoEF&CC Dt. 31.10.2019. "B. Consideration of proposals for grant of Environmental clearance for new and expansion activities listed in 'Red' and 'Orange' Categories located in Critically Polluted Areas and Severely Polluted areas: I. Any project or activity specified in Category B1 will be appraised at the Central Level, if located in whole or in part within 5 km from the boundary of Critically Polluted Areas or Severely Polluted Areas. However, Category B2 projects shall be considered at state level stipulating Environmental Clearance conditions as applicable for the Category 'B1' project/activities".


Hence the SEAC decided to defer the proposal since the project is in B1 category and also located in Manali Area (Notified as CEPI – Critically polluted area as per Hon'ble NGT (PB) order Dt 10.7.2019 for O.A No 1038/2018). Further the SEAC decided to address the MoEF& CC for further process of the proposal.

Letter has been addressed to the MoEF&CC from SEIAA vide Lr.No.SEIAA-TN/NGT-CEPI/2019 dated 20.12.2019 as per the O.M No.F.No.22-23/2018-IA.II (Pt) MoEF&CC dated 31.10.2019 M/s.Cetex Petrochemicals Limited, Manali along with some other industries located in CEPI area & falling B1 category as per EIA Notification, 2006 shall be appraised in MoEF&CC for further process.

As per the O.M dated 30.12.2019 issued by the MoEF&CC, Goi, New Delhi as stated that " In respect of the cases where partial deliberations or complete deliberations were made by SEAC or UTEAC, as the case may be (Class-II) , the deliberation may be completed keeping in view of the additional conditions by the SEAC or UTEAC, as the case may be, and sent to the ministry for comments. If the comments were not received within 15 days from the communication, may be deemed as accepted and disposed based on the recommendation of the SEAC.

In the view of the above, after detailed deliberation, the SEAC decided that partial deliberation of the project was already made by the SEAC. Hence, the SEAC has decided for the further discussion with the project proponent about the legal and technical points. hence, the proponent may call for the Technical Presentation for the next SEAC meeting so as to proceed for further course of action.


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Agenda no: 144-TA-09

(File No. 3173/2019)

Proposed construction of Residential development at S.F. No. 4, 5, 6, 7, 13, 14, 15, 73/1B and 73/1C, Adayalambattu Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu by M/s. K.G. Foundations Private Limited – For Terms of Reference.

(SIA/TN/NCP/40882/2019)

The proposal was placed in the 132th SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 13°4'14.70"N latitude and 80°9'35.80"E longitude.

2. Earlier Clearance details, Construction status–

❖ K. G. Foundations has obtained Environmental Clearance from SEIAA Tamil Nadu, for construction of residential and commercial development with total built up area and plot area of 166824.42 sq.m and 47712.07 sq.m respectively vide letter no. SEIAA-TN/EC/8(b)/068/F-224/2009 dated: 24.11.2009

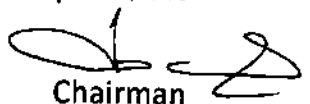
❖ The Amendment and Revalidation of Environmental clearance was obtained for built-up area and plot area of 161964.85 sq.m and 47712.07 sq.m respectively and for a total of 1460 dwelling units vide letter no. SEIAA-TN/F-3173/2014/A/EC-Ext/AE-IV/2015 dated: 13.03.2015.

❖ Construction status - Blocks –A, B, C, D, F, G & Club House has been completed and Block E couldn't be constructed due to market situation.

3. The total plot area is 47,712.07 Sq.m, FSI area is 2.802 and total construction area of 1,60,922 Sq.m. The project will comprise of 1479 units of Block A (S+13) with 104 units, Block B (S+13) with 104 units, Block C (S+16) with 256 units, Block D (S+16) with 256 units, Block E (B+S+15) with 409 units and combined basement for Block E1 & E2, Block F (B+S+14) with 98 units, Block G (B+S+14) with 252 units & Club house (G+2).

4. During construction phase, total water requirement is expected to be 30 KLD which will be met by Private Water Suppliers. During the construction phase, the


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wastewater generated will be treated in the septic tanks with dispersion trenches. Temporary sanitary toilets will be provided during construction phase.

5. During operation phase, total water demand of the project is expected to be 1020 kld and in which 672 kld of fresh water will be met from Private Water Suppliers. Wastewater of 916 kld will be generated in which 870 kld will be treated water will be treated in STP capacity of 450 kld, 280 kld & 250 kld. 870 kld of treated water will be recycled for toilet flushing (325 kld), Greenbelt Development (28 kld) and Excess Treated Sewage (497 kld) will be disposed to Nesapakkam STP by Tanker Lorry.
6. About 3,879.5kg/day solid wastes will be generated in the project. The biodegradable waste (2,327.7kg/day) will be processed in organic waste convertor (OWC) and the non-biodegradable waste generated (1557.88 kg/day) will be handed over to authorized recycler.
7. The total power requirement during operation phase is 12MW and will be met from Tamil Nadu Generation & Distribution Corporation Ltd.
8. Rooftop rainwater of buildings will be collected in RWH pits of 42 nos.
9. Parking facility of 731 nos – Four wheelers and 1753 nos - Two wheelers will be provided.
10. Proposed energy saving measures would save about 7.7% of power.
11. Reserve Forest – Nil within 10 km radius of the project site.
12. No Court Case is pending against the project.
13. Cost of the project is Rs. 160 Crores.

The SEAC noted the following:

1. The Proponent, M/s. K. G. Foundations Private Limited has applied for Amendment in Environment Clearance to SEIAA-TN on 30.04.2019 for the proposed construction of Residential development at S. F. No. 4, 5, 6, 7, 13, 14, 1, 73/1B and 73/1C, Adayalambattu Village, Maduravoyal Taluk, Thiruvallur District, Tamil Nadu.


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2. The project/activity is covered under Category "B" of Item 8(b) "Township and area development projects" of the Schedule to the EIA Notification, 2006.

After the presentation of the project proponent, the SEAC decided to direct the proponent to submit the application for their expansion project for Terms of Reference (ToR) to SEIAA by incorporating the changes made in the building plan. The proposal submitted to the SEIAA on 30.04.2019 is closed and recorded.

The proponent has applied for Terms of reference vide (SIA/TN/NCP/40882/2019). After the presentation of the project proponent, the SEAC decided to direct the proponent to furnish the latest certified compliance report for conditions imposed in the Earlier Environmental Clearance from Regional office, MoEF&CC to SEIAA.



Further, it was decided that the SEAC would further deliberate on this project and decide the further course of action on receipt of the above details.

The proponent furnished request letter dated 07/01/2020 stating that the proponent has obtained CTO from TNPCB for the existing project. Based on the reply, the proposal was again placed in the 142nd SEAC Meeting held on 21.01.2020. After the detailed discussion on the request submitted by the proponent, the SEAC directed the proponent to obtain EC compliance report (Point-wise report on the condition specified in previous EC) from TNPCB so as to further deliberate on the proposal.

The proponent has submitted point wise compliance report from TNPCB vide their letter dated 03.02.2020. After detail deliberations, the SEAC decided to recommend the proposal for issuance of standard Terms of Reference for the conducting EIA study subject to additional Terms of Reference:

1. The project proponent shall furnish the DGPS co-ordinates for the boundaries of the proposed project site.
2. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data.


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3. The project proponent shall provide green belt all along the boundary of the project area which should not be lesser than 15 % of the total area along with photographs.
4. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
5. Detailed Solar energy utilization plan shall be furnished.
6. The rainwater harvesting plan shall be furnished considering the project site
7. The layout plan 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.
8. Ground water and surface water quality study shall be a part of EIA.
9. A detailed plan on plastic waste management shall be furnished. Further, the proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. In this connection, the project proponent has to furnish the action plan.
10. Detail of Risk analysis for Fire & safety shall be furnished
11. Exclusive Environment Management cell shall be formed and details shall be furnished
12. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No: 144-TA-10

(File No. 371/2010)

Proposed construction of additional engineering college, hostel and bank building with a total built up area of 1,09,103.54 Sq.m at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1DPt, 358/2A, 2C, 2D, 359/1A, 1B, 360/1C, 1D Pt, 361/3A, 362/1B Pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti village, Coimbatore North Taluk, Coimbatore district, Tamil Nadu by M/s. KGISL Trust – For Environment


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Clearance Under Violation notification dated 8th March 2018 and 14th March 2017 of MoEF& CC.

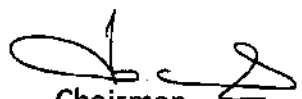

(SIA/TN/NCP/22803/2018)

The Project Proponent M/s. KGISL Trust has applied for Environment Clearance for the construction of additional Buildings for Engineering College, Hostel & Bank Building (Commercial Building) in the existing campus with a total built up area of 108209.92 Sq.m which includes existing building under Education facility, Medical Transcription and Software Park at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1D pt, 358/2A, 2C, 2 D, 359/1A, 1B, 360/1C, 1D pt, 361/3A, 362/1B pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu on 22.07.2010. The proponent has already obtained EC for the existing buildings for construction of Educational facility, Medical Transcription and software park in 2008.

The Terms of Reference under violation notification has been issued to M/s. KGISL Trust on 07.08.2018. Based on the ToR issued by the SEIAA-TN, the Proponent, M/s. KGISL Trust has applied for EC to SEIAA-TN on 23.01.2019 along with EIA report for the Proposed construction of additional engineering college, hostel and bank building with a total built up area of 1,09,103.54 Sq. m at S.F. No. 353/1, 2, 354/1, 356/3A, 357/1DPt, 358/2A, 2C, 2D, 359/1A, 1B, 360/1C, 1D Pt, 361/3A, 362/1B Pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti village, Coimbatore North Taluk, Coimbatore district, Tamil Nadu. The project/activity is covered under Category "B" of Item 8(b) "Township and area development projects" of the Schedule to the EIA Notification, 2006.

The proposal was placed in the 129th SEAC Meeting held on 18.05.2019. The project proponent gave detailed presentation. The proponent made a presentation about the project proposal. The Committee noted that the project proposal is to be appraised under violation category as per MoEF& CC notification S.O. 1030 (E) dated: 08.03.2018. Since the project has been considered under violation category, the Committee felt that it is necessary to carry out on- the-spot assessment of the status of


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the project execution and Terms of References compliances for deciding the further course of action

As per the order Lr.No.SEAC-TN/F.No.371/2010 dated: 14.10.2019 of the Chairman, SEAC, a Sub-Committee Team comprising of the SEAC Members was constituted to inspect and study the field conditions for the Proposal seeking Environmental Clearance under violation for the construction of additional Buildings for Engineering College, Hostel & Bank Building (Commercial Building) in the existing campus which includes existing building under Education facility, Medical Transcription and Software Park by M/s. KGISL Technologies & Infrastructure Pvt. Ltd at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1D pt, 358/2A, 2C, 2 D, 359/1A, 1B, 360/1C, 1D pt, 361/3A, 362/1B pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti Village, Coimbatore North Taluk, Coimbatore District, Tamilnadu. The date of the Inspection on 20.10.2019 (Sunday).

The Sub-Committee inspected the site on 20.10.2019; to start with, the Sub-Committee held discussions with the project proponent regarding the Proposal seeking Environmental Clearance under violation for the construction of additional Buildings for Engineering College, Hostel & Bank Building (Commercial Building) in the existing campus which includes existing building under Education facility, Medical Transcription and Software Park by M/s. KGISL Technologies & Infrastructure Pvt. Ltd at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1D pt, 358/2A, 2C, 2 D, 359/1A, 1B, 360/1C, 1D pt, 361/3A, 362/1B pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti Village, Coimbatore North Taluk, Coimbatore District.

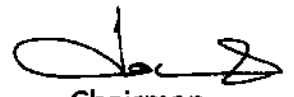
1. The committee has inspected the project site, during the inspection, the committee was observed that the following points:

(i) Stage of construction:

The proponent informed that construction of existing and expansion of all facilities (consisting of bank building, Engineering College and Hostel) were completed in full shape and the project is under operation.



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(ii) Water Supply: The proponent total water requirement of is 377 KLD. Due to recycling of treated sewage of entire flushing requirement the fresh water requirement reduced to 280 KLD.

(iii) Sewage Generation, Treatment and Disposal:

- a. The total sewage generation of 258KLD is treated through the STP provided with capacity of 300KLD and during inspection it was noticed that the STP was under operation. The proponent informed that the treated sewage is utilized for gardening (4.2 Ha is allocated for green belt (147 KLD treated sewage can be utilized for green belt with area of 4.2 Ha.)
- b. The technical team observed that there is 67 KLD of excess treated sewage remaining to be managed. The proponent informed that the excess treated sewage is being utilized for avenue plantation on the road sides.

(iv) Green Belt:

- a. The proponent has earmarked the green belt area as 42,651.2 sq.m (28%) and the same was earmarked with dimension and DGPS coordinates as green belt area in the plan layout.
- b. The sub-committee observes that the proponent has developed green belt all along the periphery of the campus and space between the constructed building.



(v). Solid Waste Management:

- a. The proponent has installed OWC to treat and dispose the biodegradable organic waste generated from the campus.
- b. The subcommittee directed the proponent to continuously implement ban the "use and throw away plastic" in their campus as per Tamil Nadu Government G.O.(Ms) No.84. Dated: 25.06.2018.

i. DG Sets:

- c. The proponent has installed DG sets of 1500 KVA -3 Nos and 500KVA - one number. The heights of common stack provided to 3 D.G sets with


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a capacity of 1500 KVA and individual stack provided for 500 KVA are adequate in height .The proponent informed that diesel is stored in the project premises, and necessary permission was obtained from Petroleum and Safety Organization, Govt. Of India.

(VI). OSR area: The sub-committee noted that the commissioner of Town and country planning has insisted the following conditions in the approved building plan issued vide RoC.No.25526/2013/Special Cell dated 23.05.2013,

1. As per approved site plan, OSR land should be fenced and maintained "
2. "OSR area should be kept open to sky without any constructions".

But the proponent has converted the one part of OSR area into play ground and there was one building in the other part of OSR area, It may be verified by the competent authority. Hence the sub-committee has decided to get the clarification from the competent authority for compliance of the above said conditions by the proponent.

The Sub-Committee submitted the above inspection report to SEAC for the further course of action regarding the proposal of the Proposal seeking Environmental Clearance under violation for the construction of additional Buildings for Engineering College, Hostel & Bank Building (Commercial Building) in the existing campus which includes existing building under Education facility, Medical Transcription and Software Park by M/s. KGISL Technologies & Infrastructure Pvt. Ltd at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1D pt, 358/2A, 2C, 2 D, 359/1A, 1B, 360/1C, 1D pt, 361/3A, 362/1B pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti Village, Coimbatore North Taluk, Coimbatore District.

The subject was placed before in this 138th SEAC meeting held on 08.11.2019, After the considering the inspection remark by the sub-committee of SEAC, the SEAC decided seek following details,

The commissioner of Town and country planning has Insisted the following conditions in the approved building plan issued vide RoC.No.25526/2013/Special Cell dated 23.05.2013,

1. As per approved site plan, OSR land should be fenced and maintained "
2. "OSR area should be kept open to sky without any constructions".


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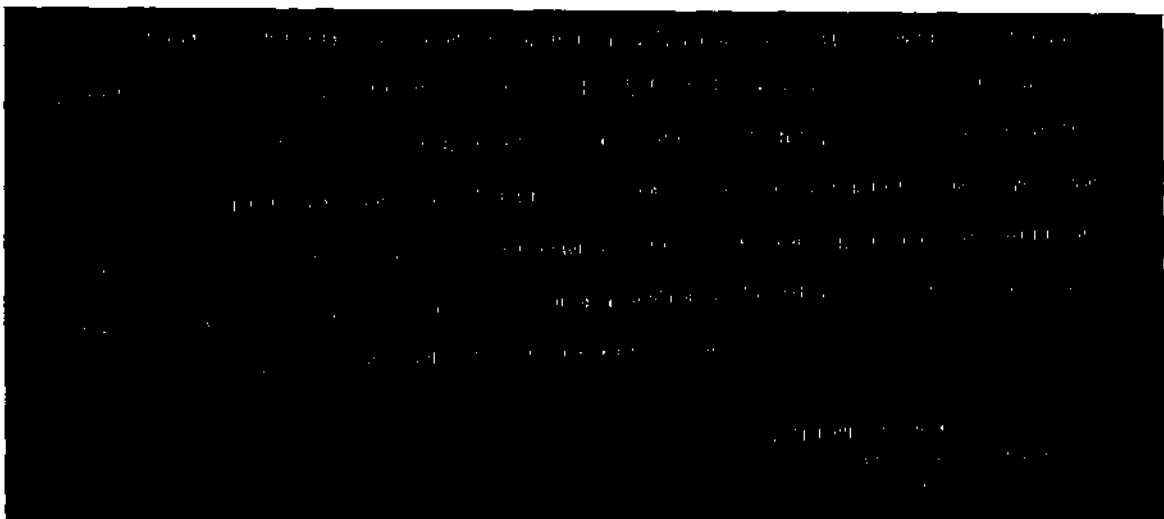

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But the proponent has converted the one part of OSR area into play ground and there was one building in the other part of OSR area, it may be verified by the competent authority. Hence the SEAC has decided to get the clarification from the competent authority for the compliance of the above said conditions by the proponent.

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


The project proponent has furnished the reply vide in their letter dated 28.01.2020 enclosing with the Coimbatore local planning Authority letter dated 27.01.2020 the following



The Proposal was placed in this 144th SEAC meeting held on 17.02.2020. The SEAC as per the MoEF& CC notification assessed the project based on Ecological damage, remediation plan and natural & community resource augmentation plan furnished as an independent chapter in the Environment Impact assessment report by the proponent.

Based on the inspection report and the violation notification, the SEAC classified the level of damages by the following criteria:


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1. Low level Ecological damage:

- a. Only procedural violations (started the construction at site without obtaining EC)

2. Medium level Ecological damage:

- a. Procedural violations (started the construction at site without obtaining EC)
- b. Infrastructural violation such as deviation from CMDA/local body approval.
- c. Non operation of the project (not occupied).

3. High level Ecological damage:

- a. Procedural violations (started the construction at site without obtaining EC)
- b. Infrastructural violation such as deviation from CMDA/local body approval.
- c. Under Operation (occupied).

As per the OM of MoEF& CC dated: 01.05.2018, the SEAC deliberated the fund allocation for Corporate Environment Responsibility which shall be to a maximum of 2% of the project cost.

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria,

Level of damages	Ecological remediation cost (%)	natural resource augmentation	community resource augmentation	CER (% of project cost)	total (% of project cost)
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	of project cost)	cost (% of project cost)	cost (% of project cost)		
Low level Ecological Damage	0.25	0.10	0.15	0.25	0.75
Medium level Ecological damage	0.35	0.15	0.25	0.5	1.25
High level Ecological damage	0.50	0.20	0.30	1.00	2.00

"As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "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 the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited prior to the grant of environmental clearance".

The Committee observes that the project of Proposed construction of additional engineering college, hostel and bank building with a total built up area of 1,09,103.54 Sq.m at S.F.No. 353/1, 2, 354/1, 356/3A, 357/1DPt, 358/2A, 2C, 2D, 359/1A, 1B, 360/1C, 1D Pt, 361/3A, 362/1B Pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti village, Coimbatore North Taluk, Coimbatore district, Tamil Nadu by M/s. KGISL Trust comes under the "High level Ecological damage category". The total cost of the project is Rs.8000 Lakhs. The


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Committee decided to recommend the proposal to SEIAA for grant of post construction EC subject to the following conditions in addition to the normal conditions:

1. The amount prescribed for Ecological remediation is Rs. 40.00 lakhs, natural resource augmentation is Rs. 16.00 lakhs, community resource augmentation is Rs. 24.00 lakhs and amount specified as CER is Rs. 80.00 Lakhs, totalling Rs. 160.00 lakhs.
2. The proponent should undertake and complete the activities listed under ecological remediation, Natural resource augmentation & Community resource augmentation for a total amount of Rs. 80.0 Lakhs .
3. The amount specified as CER (Rs. 80.0 Lakhs) shall be remitted in the form of DD before issue of EC for the activities as proposed.
4. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year.

Agenda .No: 144-TA-11

File No.7031/2019

Construction of Industrial Sheds by M/s. Volumnus Developers Private Limited at S. No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/2B, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, . 64/3, 52/1A, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3, 72 (Pt), 73 (Pt), 1026 (Pt) of Vadakupattu Village and S. Nos. 14/2 (Pt), 14/3, 14/4, 14/7 (Pt), 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1. of Bahadarvadi Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu- For Environmental Clearance.

(SIA/TN/MIS/113788/2019)

The proposal was placed in the 135th SEAC Meeting held on 06.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

11. The project proposal was initially submitted with total built-up area of 1,72,000 Sq.m under Schedule 8(b) of EIA Notification, 2006 and Terms of Reference was



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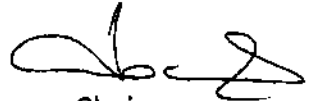

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granted by SEIAA vide Letter No. SEIAA-TN/F. No. 6519/20188(b)/ToR-374/2018 Dated 25/05/2018. Later due to changes in the Master Plan Layout the built-up area is reduced to 1,04,400Sq.m.

12. The project proposal submitted the letter towards withdrawal of application under 8(b) dated: 30.07.2019 and submitted the fresh application seeking Environmental Clearance under Schedule 8(a) of EIA Notification, 2006.
13. The project is located at 12°44'05"N Latitude, 79°53'05"E Longitude.
14. The total land area of project is 1,70,494Sq.m (42.13 Acres) with total built up area is 1,04,000 Sq.m.
15. The project proposal involves Construction of Industrial Sheds - 6 Buildings with Admin office of G + Mezz floors, 1 no. of Office Building (FMO) - Ground floor, 1 no of Drivers Room and Canteen Building - Ground floor, 1 Driver Toilets - Ground Floor, 1 Pump Room - Ground Floor, Security Room - Ground Floor. The project is proposed to provide space for Warehouses, Godowns, Light Engineering, Fabrication, Assembly units (Electrical, Electronics & Automotive), Data Centres and FMCG Packaging.
16. The daily fresh water requirement is 152 KLD will be sourced from Local body/Bore wells within the project site. Out of 152 KLD, 48 KLD will be used for domestic purpose & 147 KLD for Green belt development.
17. The sewage generated from the project will be 128 kLD which will be treated in STPs of total 140 kLD capacity (35 kLD – 4 nos with Moving Bed Bio Reactor (MBBR) Technology). The treated sewage of 128 KLD will be recycled (82 kLD for flushing, 43 kLD for Green belt development Purposes).
18. The bio degradable solid waste (981 Kg/day) will be treated in the organic waste convertor and used as manure also the excess will be sold to vendors. The non bio degradable solid waste (654 kg/day) will be handed over to Authorized recyclers. The Bio Sludge (13 Kg/day) from STP will be used as manure. The Hazardous waste (1 Ton/Annum) and E-waste (0.5 Ton/Annum) will be handed over to TNPCB Authorized recyclers.


Member Secretary


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19. A total of 41,911 Sq.m. is earmarked as greenbelt development and 2,150 nos. of native tree species is proposed to plant in the earmarked area.
20. Rooftop rainwater of buildings will be collected in Rain water harvesting tanks of total 3084 KLD capacity for harvesting after filtration.
21. The total power requirement during operation phase is 2,000 kVA and will be met from TNEB. The proponent is proposed to install D.G set of 4 Nos of 500 kVA with a stack height of 12 m.
22. Parking facility for 83 car parks, 209 two wheelers and 182 Truck parks are proposed to be provided against the requirement of 83 car parks, 209 two wheelers and 182 Truck parks respectively (As per DTCP norms).
23. The cost of the project is Rs. 152.17 Crores.

The SEAC noted the following:

1. The Proponent, M/s. Volumnus Developers Private Limited has applied for Environmental Clearance to SEIAA-TN for the Construction of Industrial Sheds at S. No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/2B, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, , 64/3, 52/1A, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3, 72 (Pt), 73 (Pt), 1026 (Pt) of Vadakupattu Village and S. Nos. 14/2 (Pt), 14/3, 14/4, 14/7 (Pt), 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1. of Bahadarvadi Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:


1. Land use classification of the proposed construction of Industrial sheds shall be submitted.


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2. Layout plan for water supply distribution system including treated sewage for toilet flushing, dual plumbing system for every industrial building shall be furnished.
3. As per the document furnished by the project proponent some of the Survey No of the proposal submitted comes under wet land. Hence, the project proponent has to get necessary NoC from the District Collector, Kanchipuram.
4. kurimedu lake lies adjacent to the project site & Senthamangalam lake lies at 0.5 km on the norther direction. There is a great possibility of the project site getting flooded during heavy monsoons. The proponent should take all structural measures to ensure the safety of the building and safe living for the residents. The proponent should obtain flood and inundation certificate with recommendation of PWD considering the 2015 flood.
5. It was reported that the fresh water would be sourced from local body through its tankers or bore wells within the project premises. Hence, necessary permission shall be obtained and furnished from the competent Authority.
6. The impact of the industry proposed to be established within the project site shall be studied in detail on the Environment & nearby the water bodies.
7. The proponent has furnished the type of industries likely to come up in the project. However, the number of industries (at least approximately) likely to come up in the park has not been specified. The data regarding this aspect is very vital for assessing the possible environmental impacts and finalising the necessary environmental management measures required for the industries. Only with this data, it will be possible to foresee the type of environmental issues that will be coming up like air pollution, water pollution, solid waste, hazardous waste etc. Therefore, the proponent was directed to furnish the complete concept about the composition of the industrial project along with appropriate management plan.
8. The proponent should furnish the layout plan showing the green belt area with dimensions & GPS (I Global Positioning System) co-ordinates of areas allocated for green belt (33%) and shall be furnished.


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9. A commitment letter has to be furnished stating that the proponent will not come for the immediate expansion.

On receipt of the above details, the further course of action may be taken by the SEAC.

The project proponent has furnished the details on 13.11.2019 & 10.02.2020 to SEIAA.

The Proposal was placed in this 144th SEAC meeting held on 17.02.2020. Based on the presentation made by the proponent and the documents furnished, the SEAC noted the following for the above said detail sought by SEAC in the 135th SEAC meeting

- i) It was inferred from the detail submitted by the project proponent that the land use classification letter dated 27.06.2019 obtained from DTCP has unclassified area for the proposal submitted for Environment clearance for the following S. No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 31/1B, 31/2A1, 31/2B, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B, 64/3, 52/1A, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3, 72 (Pt), 73 (Pt) and planning permission obtained from DTCP vide permission letter dated 08.02.2019 for a total built up area of 53,018.70 Sq.m.
- ii) Layout plan for external drainage, Water supply & irrigation water supply signal line routing, it was noted that temple land was located in between the project site.
- iii) The following details are submitted for the NOC obtained from District Collector, Kancheepuram

- I. Letter dated 28.04.2015 from District Collector, Kancheepuram for the following survey No. covered in the proposal are S.F.No. 22/1, 22/2A1, 22/2C, 24/1, 24/2, 28/1, 28/2, 29/1, 29/2, 30/1A1, 30/1B, 30/2A, 30/3A, 32, 51/1, 51/2, 52/1B, 52/2A, 52/3A, 52/4A, 52/4B of Vadakupattu Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by Nestor Constructions private limited.


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- ii. Letter dated 28.04.2015 from District Collector, Kancheepuram for the following survey No. covered in the proposal are 52/1A, 66/1 (Pt), 67/1A, 68/1, 69/1A, 69/2A, 70/1A, 70/1B, 70/2A, 71/1, 71/2, 71/3A (Pt), 71/3B, 71/3C, 71/3D, 71/3E1, 71/3E2, 71/3E3 of Vadakupattu Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Blanca Propertiers private limited.
- iii. Letter dated 30.04.2015 from District Collector, Kancheepuram for the following survey No. covered in the proposal are 14/2 (Pt), 14/3, 14/4, 14/7 (Pt), 14/8, 15/1 Pt, 15/2 Pt, 15/3A, 15/4A, 15/5B1 of Bahadarvadi Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Somnus Properties Pvt. Ltd.

The committee felt that all the conditions imposed by District Collector, Kancheepuram for the aforesaid NOC shall be strictly followed.

- iv) M/s. Nestor Constructions private limited, M/s. Blanca Propertiers private limited & M/s. Somnus Properties Pvt. Ltd has obtained NOC from the PWD letter dated 26.02.2018 subject to certain conditions. Further, proponent informed that the site levels for the proposed industrial/ ware house building shall be raised upto +1.4 m from the existing ground level before construction.
- v) The proponent has obtained the confirmation letter from the Kundrathurpanchayat union for the supply of water of quantity 550 KLD. As well as it was informed by the proponent that the proposed project falls under safe zone as per PWD G.O dated 01.10.2018. Further, informed that for the proposed project the permission from PWD for extraction of ground water from bore wells before obtaining CTO from TNPCB.
- vi) it is proposed to lease / sell the industrial space for prospective tenants like Warehouses, Godowns, Light Engineering, Fabrication, Assembly units (Electrical, Electronics & Automotive), Data Centres and FMCG Packaging. The sewage generated from the industrial sheds is proposed to be treated in the Sewage Treatment Plant with total capacity of 140 KLD (35 KLD – 4 nos) and


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there is no effluent will be generated from the proposed tenants space. The DG sets (4 nos. of 500 kVA) proposed for will be provided with stack height of 12 m above the ground level. The biodegradable solid waste generated (981 Kg/day) will be treated in Organic Waste Converter (OWC) and the non biodegradable solid waste (654 kg/day) will be handed over to authorized recyclers. From the tenants, where ever FMCG Packaging modules there is additional non biodegradable solid waste of 20 kg/day will be handed over to authorized recyclers.

- Samples from the water body would be analyzed on a regular basis (once in 6 months) to have a check on contamination (if any) due to the proposed activities.
- The necessary setback areas are proposed as per DTCP norms.
- The necessary barricades will be provided around the construction site during construction phase of the project to avoid any physical disturbances to the water body.

vii) The number of industries likely to come up in the proposed project are furnished below:

Sl.No.	Description	No. of industry	Composition of Industry
1.	Building – 1	1 No.	Warehouses, Godowns, Light Engineering, Fabrication, Assembly units (Electrical, Electronics and Automotive), Data Centres and FMCG packaging, Pharmaceutical products packaging.
2.	Building – 2	2 Nos.	
3.	Building – 3	1 No.	
4.	Building – 4	1 No.	
5.	Building – 5	2 Nos.	
6.	Building – 6	2 Nos.	

The allotment of industrial sheds will be done in the methods of modular type, lease, rental basis for the said industrial type. The proposed percentage composition will be as follows (approximate/tentative):

Sl.No.	Type of Industry	Composition
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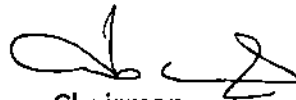
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		(in %)
1.	Warehouses & Godowns	25
2.	Fabrication	10
3.	Assembly units (Electrical, Electronics & Automotive)	10
4.	Light Engineering	20
5.	Data Centres	10
6.	FMCG Packaging	15
7.	Pharmaceutical products packaging and storage, Industrial goods storage	10

- viii) The current proposal (Construction of Industrial sheds) is directly dependent on the maximum and efficient space utilization. Keeping this in mind, the Government of Tamil Nadu vide Housing and Urban Development Department has issued G.O. (Ms.) No.113 Dated: 09.08.2018 which states that any industrial development can have a maximum ground coverage of upto 75% of the total plot area.

It may also be noted a development proposal like would require about 25% to 30% of the plot area for infrastructure facilities like roads, drainages, walkways, parking, STPs, waste handling yards, power backup facilities (DG sets), transformer yard etc. in such a scenario, an exclusive allocation of 33% of the plot area for greenbelt development would result in losing a total of more than 60% of the total area for non productive purposes making the project proposal commercially unviable. The project activities do not fall under hardcore industrial manufacturing wherein adequate greenbelt becomes essential for abatement/containment of pollutants. Project proposal that comprises of activities that are either non polluting or very less polluting in nature. Also, by the very nature of such project proposals, these are classified under 8 (a) & 7 (b) categories of the Schedule to the EIA Notification, 2006 wherein the usual stipulation of greenbelt are is only 15%. In this regard, we may be permitted to allocate greenbelt are of 25% of the total plot area considering the above.


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- ix) Their proposal is based on the anticipated demand for such kind of facilities for a projected time period of one to two years. If the market conditions improve and the demand goes up in near future, we might go in for expansion of our project. In such a scenario, we will seek prior clearance (EC) from SEIAA/SEAC for the expansion activities.
- x) The layout plan showing the green belt area with dimensions & GPS (Global Positioning System) co-ordinates of areas allocated for green belt (24.6% of the total plot area instead of 33%) has been furnished.

After detail deliberation, the SEAC decided to recommend the proposal for Issue of Environmental Clearance to SEIAA on receipt of Inundation certificate obtained PWD for the present situation in the name M/s. Volumus Developers Private Limited., subject to the following conditions.

1. The project proponent shall strictly follow the conditions imposed by the District Collector, Kancheepuram in his letter dated 28.04.2015 and 30.04.2015
2. The project proponent shall strictly follow the conditions imposed by the AEE, WRD in letter dated 26.02.2018 and 16.07.2019.
3. The site levels for the proposed industrial / ware house building shall be raised up to +1.4 m from the existing GL before construction of industrial / ware house sheds as proposed.
4. The Green belt area should be earmarked in the revised CMDA approved plan with Dimension and GPS Co-ordinates and the RERA may be addressed in this regard.
5. Solid waste generated from the project should be managed as per the solid waste management Rules, 2016.
6. The purpose of Green belt around residential buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green


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- nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close escapement may be tried which will give a good green cover. A total of 25% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner.
7. Solar energy should be atleast 10% of total energy utilization. Further the proponent shall use solar panels for all the street lights proposed inside the premises.
 8. The height of the stack of DG sets shall be provided as per the CPCB norms.
 9. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
 10. The CER fund shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.
 11. Project proponent strictly follows the ZLD system as proposed. No effluent shall be generated from the proposed tenants as proposed.
 12. Necessary permission from PWD for extraction of groundwater from bore well shall be obtained before applying for CTO of TNPCB as reported.

Agenda No: 144-TA-12

(File.No.7289/2019)

Proposed Residential Building Complex at S.No: 423, 430/1, 430/2, 431, 432, 433/1, 433/2, 433/3, 434/1, 434/2, 448/1, 448/2A, 448/2B, 448/3, 449/1, 449/2, 452/1, 452/2, 453, 454/1, 454/2, 455/1, 455/2, 455/3, 461, 462/1 & 462/2 of Manapakkam Village and Survey Nos. 40/11 & 78/2 of Mugalivakkam Village, Alandur Taluk, Chennai District. By M/s. Casa Grande Smart Value Homes Private Limited – For Environmental Clearance

(SIA/TN/MIS/126920/2019)


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The proposal was placed in this 141st SEAC Meeting held on 16.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The total land area of project is 40,451 Sq.m with total built up area is 1,11,469 Sq.m
2. The project is located at 13° 0'55.53"N Latitude, 80°09'58.22"E Longitude
3. The project comprises of Residential Building Complex comprising of 5 residential Blocks 1 to 5 (Ground Floor to 4th Floor) with a Combined Basement Floor (Blocks 1,2&3) & (Block 4& 5) and a Club House within Block 1 with 673 nos. of dwelling units. The expected number of occupancy in the project is 3,533 nos.
4. The daily fresh water requirement is 309 kLD for domestic purpose will be sourced through CMWSSB/ Tankers Supply. The waste water of 458 kLD generated is treated through 475 kLD capacity STP Plant (Sequential Batch Reactor process- SBR) resulting in 435 kLD of treated sewage in which 152 kLD is used for flushing, 48 kLD for Greenbelt & Landscaping (Podium & OSR) and remaining 235 kLD is discharge through CMWSSB sewer line.
5. 5,832 Sq.m is earmarked as greenbelt development of 510 nos. of native tree species.
6. A total of 745 Nos. of car parks & 274 number of two wheeler parks proposed— 9,806 m² of parking area allotted.
7. 5,600 kVA of power is required, which will be sourced from TNEB grid .Back-up power supply is through 2 nos. of 365 kVA, 1 no. of 300 kVA, 1 no. of 160 kVA & 1 no. of 180 kVA capacities) proposed with stack height of 19 m (for 365 kVA & 300 kVA) & 18 m (160 kVA & 180 kVA) above the ground level.
8. The runoff from the project site harvested through collection sumps of 440 KL capacity.
9. Total waste estimated to be generated is 2,115 kg/day in which 1,241 kg/day is Biodegradable waste, which will be treated in organic waste


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convertor (OWC) within the project site and then used as manure for gardening purpose within project site. The Non Biodegradable waste of 828 kg/day will be sent to recyclers. The STP Sludge of 46 kg/day will be dried and used as manure for green belt development.


The SEAC noted the following:

1. The Proponent M/s. Casa Grande Smart Value Homes Private Limited has applied for Environmental Clearance for the proposed Residential Building Complex at S.No: 423, 430/1, 430/2, 431, 432, 433/1, 433/2, 433/3, 434/1, 434/2, 448/1, 448/2A, 448/2B, 448/3, 449/1, 449/2, 452/1, 452/2, 453, 454/1, 454/2, 455/1, 455/2, 455/3, 461, 462/1 & 462/2 of Manapakkam Village and Survey Nos. 40/11 & 78/2 of Mugalivakkam Village, Alandur Taluk, Chennai District. by- For Environmental Clearance.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. The proponent shall furnish the Stability certificate for the buildings and its foundation from the competent government departments.
2. 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 atleast 3m wide all along the boundaries of the project site. The green belt area should be not be less than 15% of the total land area of the project.
3. Grey water and sewage shall be segregated and accordingly the proponent shall furnish the proposal for STP and Grey water treatment system.
4. The proponent shall furnish storm water management plan to drain out the storm water flow from the upstream side.
5. The proponent shall furnish proposal for STP sludge disposal.
6. The CER proposal for 1.5% of the total project cost should be submitted as per the office memorandum of MoEF& CC dated 01.05.2018.


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

The project proponent has submitted the reply for the above said details to SEIAA on 30.01.2020.

The proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detailed deliberations, the SEAC decided to recommend the proposal for grant of Environmental Clearance on submission of Structural stability certificate obtained from PWD/IIT/Anna University to SEIAA since the structural stability certificate obtained from Surveyor is not acceptable subject to the standard conditions in addition to following condition:

1. The project proponent shall get necessary permission for the discharge of the treated sewage of 235 kLD to the CMWSSB sewer line from the competent Authority.
2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
3. All the mitigation measures proposed in the proposal for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
4. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
5. The proponent has to get necessary permission from competent authority for the disposal of the treated Grey water and Sewage water for the Avenue plantation before obtaining CTO from TNPCB.
6. The height of the stack of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall continuously operate and maintain the Sewage treatment plant and Grey Water treatment plant to achieve the standards prescribed by the CPCB.


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8. The project proponent has to provide separate standby D.G set for the STP& Grey water treatment plant proposed for the continuous operation of the STP in case of power failure.
9. Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
10. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
11. The safety measures proposed in the report should be strictly followed.
12. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
13. CER amount of RS.222.40 lakhs (1.5 % of the total project cost) shall be spent for the Restoration and Beautification of Manapakkam Channel as proposed as per the office memorandum of MoEF& CC dated 01.05.2018.

Agenda no: 144-TA-13

(File No. 7010/2019)

Proposed Rough stone for over an extent of 1.90.5 Ha in S.F.No. 131/1C2(P), 132/2B, 159/1, 160/3, 160/4 and 160/5 at Puliampatti Village, PalaniTaluk, Dindigul District, Tamilnadu by Thiru. S. Ayyappan- For Environmental Clearance.


[SIA/TN/MIN/46304/2019]

The proposal was placed in the 139th SEAC Meeting held on 22.11.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The quarry lease was applied in the name of Thiru. S. Ayyappan, Dindigul, Precise Area Communication was issued by the District Collector, Dindigul vide Roc.No. 584/2018 (Mines), dated 11.01.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry over an extent 1.90.0Ha in S.F.No. 131/1C2(P), 132/2B, 159/1, 160/3, 160/4 and 160/5 at Puliampatti Village, PalaniTaluk, Dindigul District.


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2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Dindigul District vide Roc. No. 584/2018 (Mines), dated 08.02.2019.

3. As per the Department of Geology and Mining, Dindigul District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone shall not exceed 90,143m³

- a. For First year - 14,758 m³ of Rough stone + 5547 M³ top soil
- b. For Second year - 29,555 m³ of Rough stone
- c. For Third year - 18,650 m³ of Rough stone
- d. For Fourth year - 12,618 m³ of Rough stone + 10792 M³ top soil
- e. For Fifth year - 14562m³ of Rough stone + 1023 M³ top soil

4. The quarry operation is proposed up to a depth of 30m (1m Top soil+ 29m Rough stone).

5. Topsoil (8362m³) will be removed and preserved all along the boundary barriers for afforestation.

6. The quarry operation is proposed to be carried out with open cast semi mechanized mining .

7. Rough stone are to be transported by Tippers of 3 Nos. (10Ts Capacity).

8. The project is located at 10°30'41.33"N to 10°30'49.50"N latitude and 77°32'12.21"E to 77°32'18.95"E Longitude.

9. The total Manpower requirement is 18 Nos.

10. Total cost of the projects is Rs. 25.25 lakhs and EMP cost about Rs. 1.25 lakhs

11. The water table is reported to be at the depth of 40m in summer and 38m in rainy season.

12. Lease area applied is not covered under HACA region.

13. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.

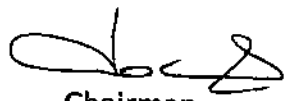

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14. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Dindigul vide Letter RC. No. 584/2018 (Mines), dated 05.08.2019, informed that the quarries situated within a radial distance of 500mts from the lease hold area.

Type of Mineral	Proposed quarries	Existing Quarries	Expired Quarries	Abandoned Quarries
Rough stone	<p>Name : S. Ayyappan SF. No. :160/3, 160/4, 160/5, 159/1, 132/3B, 131/1C2 Hects : 1.90.5 Village: Puliampatti Taluk : Palani District : Dindigul</p> <p>SF. No. :160/6 (P-1) Hects : 1.65.5 Village: Puliampatti Taluk : Palani District : Dindigul</p>	<p>Name : V. Soundarapandian SF. No. :160/6 (P-2) Hects : 0.62.5 Village: Puliampatti Taluk : Palani District : Dindigul Lease period: 26.10.2015 to 25.10.2020</p>	Nil	Nil


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The SEAC noted the following:

1. The Proponent, Thiru. S. Ayyappan has applied for Environment Clearance to SEIAA-TN for the Proposed the Rough stone quarry over an extent 1.90.0ha in S.F.No. 131/IC2(P), 132/2B, 159/1, 160/3, 160/4 and 160/5 at Puliampatti Village, PalaniTaluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC directed the proponent to furnish the following details

1. It was noted that documents furnished by the proponent mining activity was already been carried out in the mine lease area. It is directed to furnish the following details from AD, mines

- a) What was the period of the operation and stoppage of the earlier mines?
- b) Quantity of minerals mined out.
- c) Depth of mining
- d) Name of the person already mined in that leases area.
- e) Copies of EC and CTO already obtained if any and its compliance

2. The proponent shall upload the Letter obtained from the Department of Geology and Mining, stating the details for quarries (Proposed / Existing / Expired and abandoned) located within 500mts radius from the periphery of the applied area in the following format

i) Details of Existing Other Quarries :

Sl. No.	Name of the Owner	Village	S. F. Nos.	Extent	Lease period	Remarks
Total						

ii) Details of Proposed Quarries :


Member Secretary


Chairman

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Sl. No.	Name of the Owner	Village	S. F. Nos.	Extent	Lease period	Remarks
Total						

iii) Lease Expired quarry :

Sl. No.	Name of the Owner	Village	S. F. Nos.	Extent	Lease period	Remarks
Total						
Grand Total						

iv) Detail of Abandoned quarry :



Sl. No.	Name of the Owner	Village	S. F. Nos.	Extent	Lease period	Remarks
Total						
Grand Total						

3. The proponent shall furnish the registered lease document.

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

The project proponent has furnished the above said details on 10.02.2020 to SEIAA. In which Total area of the mines within a radial distance of 500 meters including this proposed mine is less than 5 Ha. From the letter of Department of the Geology of mines, furnished the registered lease documents.


Member Secretary


Chairman


The Proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to standard condition:

1. The proponent should strictly restrict the quantity of the Rough stone not exceeding 82,921 Cu.m to 30 m depth from surface level as recommended by the Deputy Director, Geology of mining, Dindigul vide Roc.No. 584/2018 /Mines/ dated: 30.01.2020.
2. Ground water quality monitoring should be conducted every Six months and the report should be submitted to TNPCB.
3. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
4. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
5. The mining lease holders shall, after ceasing mining operations, undertaken 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.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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 monitored by the District Authorities.
9. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016


Member Secretary


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(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The CER fund shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No.144-TA-14

(File No. 6812/2019)

Proposed earth quarry lease over an extent of 2.56.0ha in S.F.Nos.105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, BodinayakanurTaluk, Theni District, Tamil Nadu by Thiru.V.Manikandasamy-- For Environmental Clearance. (SIA/TN/MIN/36498/2019) dated 21.05.2019

The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The Quarry lease was applied in the name of Thiru.V.Manikandasamy, Theni, Precise Area Communication was issued by the District Collector, Theni vide Rc.No.317/Mines/2018 Dated: 07.03.2019 for a period of 11Months. It is a fresh lease for Earth quarry over an extent of 2.56.0ha in S.F.Nos. 105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, BodinayakanurTaluk, Theni District.

2. Mining Plan / Scheme of Mining approved details:


Member Secretary


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The Mining plan was prepared for the period of 11 months. The mining plan approval was approved by the Assistant Director, Department of Geology and Mining, Theni District vide Roc.No.317/Mines/2018 Dated: 20.03.2019.

3. The Project is proposed to quarry Earth about 18,378m³ for Eleven months by open cast semi mechanized method (Without drilling & blasting)
4. The quarry operation is proposed upto a depth of 1.0m below the ground level.
5. Earth are to be transported by Tipper (10/20 T Capacity)
6. The project is locate at 09°57'31.73"N to 09°57'37.00"N latitude and 77°18'54.90"E to 77°19'04.26"E Longitude.
7. The total Manpower requirement is 8 Nos.
8. Total cost of the projects is Rs. 12,48,000/- and EMP cost about Rs. 93,000/-
9. The Water table is found to be at the depth of 35m below the ground level.
10. Lease applied area is not covered under HACA region.
11. No Coastal Regulation Zone (CRZ) within the radius of 10km.
12. No Interstate boundary & Western Ghats Boundary within the radius of 10km
13. Bodinayakanur Reserve forest is located about 3km from the lease applied area and NOC obtained from the DFO, Theni District vide Letter RC. No. 10497/2018/T, dated 17.12.2018
14. No National Park & Wild Life Sanctuary within the radius of 10km, Megamalai wildlife Sanctuary and Kodaikanal Wildlife Sancturay is more than 25km from the lease applied area, NOC obtained from the DFO, Theni District.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area.
18. Letter obtained from the Assistant Geologist / Assistant Director (i/c), Department of Geology and Mining, Theni vide Letter RC. No. 317/Mines/2018, dated 20.03.2019 about the details of the quarries (Proposed / Existing / Abandoned


Member Secretary


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quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.

S. No.	Name of the quarry owner	Village	S. F. No.	Extent in ha.
a. Existing Quarries				
	NIL			
b. Abandoned / Expired Quarries				
	NIL			
c. Proposed Quarries				
1.	Thiru. V. Manikandasamy	Rasingapuram	105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8	2.56.0
	TOTAL EXTENT			2.56.0

The SEAC noted the following:

1. The Proponent, Thiru.V.Manikandasamy has applied for Environmental Clearance to SEIAA-TN for the proposed Earth quarry lease over an extent of 2.56.0ha in S.F.Nos.105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, Bodinayakanur Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.


Member Secretary


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3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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 monitored by the District Authorities.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF& CC, GOI, New Delhi.
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. All the commitment made by the project proponent in the proposal shall be strictly followed.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
12. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.


Member Secretary


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The proposal was placed in the 357th SEIAA-TN meeting held on 23/10/2019 and the proposal was deferred since the Hon'ble Madurai Bench of Madras High court order in W.P (MD) No 20903 of 2016 dated 28/08/2019 has quoted W.P (MD) No 942 of 2018, as report was filed on 26/08/2019 by Deputy Director of Geology and Mining and it is relevant to extract hereunder paragraphs26. As per the stand taken by the Department, Savudu is a mixture of 40 % Sand, 40 % silt and 20 % original Clay".

Further, the Hon'ble Madurai Bench of Madras High court order in WP(MD) No 20903 of 2016 dated 28/08/2019 wherein*

- (i) The District collectors of all the southern District Viz., 13 Districts (including Theni District) coming under the jurisdiction of this court, are restrained from granting any fresh lease /license for quarrying savudu sand in respect of patta lands: and
- (ii) They are also directed to take necessary steps to cancel the lease/license already granted to the pattadars in accordance with law at the earliest."

Hence it was also decided that the project proposal will be considered only after suitable orders from the above court. The project proponent was addressed vide this office letter 30.10.2019 informing the decision of the SEIAA.

The proposals seeking Environmental clearance for quarrying Earth/BrickEarth/ and other minerals similar to savudu from the above said 13 Districts were discussed in the 142th Meeting held on 21.01.2020 and the SEAC decided that the said proposals shall be considered for further deliberation only after the proponent furnishes the following details.

1. Mineral composition analysis report ascertaining the minerals available in the project site by the Government institutions along with a certificate that the sample was taken by them on the site specifying the survey numbers.


Member Secretary


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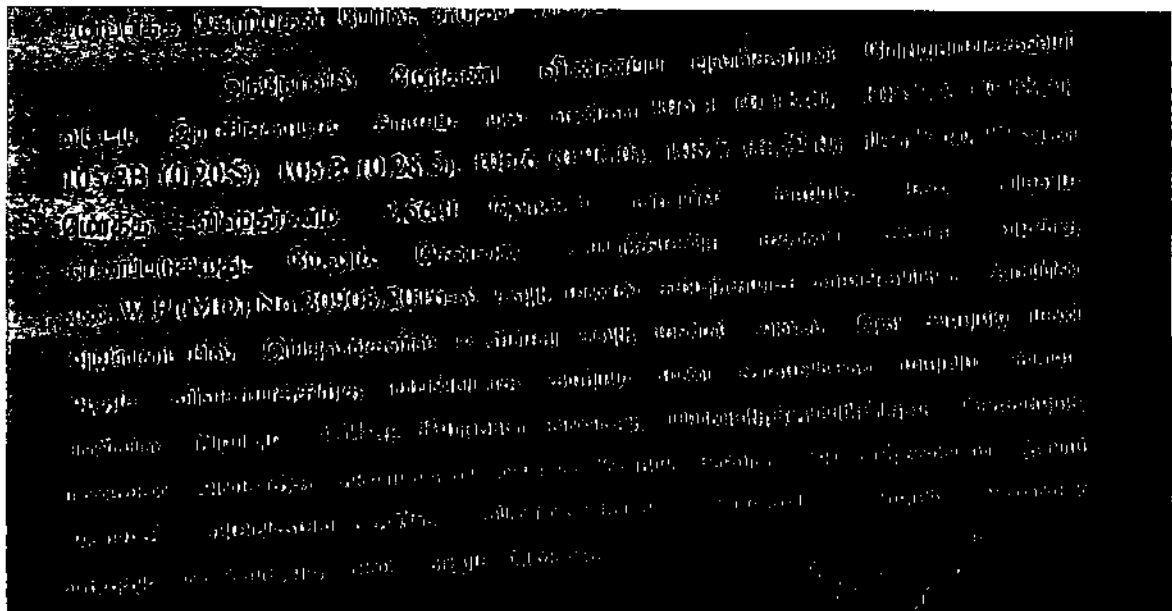
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2. Specific Remarks on mineral composition In the proposed project site relating its applicability to orders issued by the Hon'ble Madurai Bench of Madras High court in W.P (MD) No 20903 of 2016 dated 28.08.2019 by the competent authorities (PWD/Department of Geology and Mining/Department of Agriculture).


In this regards, the SEIAA has addressed a letter to the proponent vide letter dated 06.02.2020 requesting the above said details.

The project proponent has submitted the above said details to SEIAA on 12.02.2012. The Details are as follows:

- a) The proponent informed that the lab report has only 2.5 % of silt and 0% clay and not as per the standards of department, Savudu is a mixture of 40 % Sand, 40 % silt and 20 % original Clay". Test report conducted by Department of Civil Engineering, Thiagaraja College of Engineering, Madurai.
- b) The proponent has furnished the Department of Geology of mining letter dated 11.02.2020 that




Member Secretary


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The proposal was placed in the 144th SEAC meeting held on 17.02.2020. After detail deliberations, and based on the report of the Thilagarama College of Engineering , further AD Mines has also stated the same, the SEAC once again decided to recommend the proposal for issuance of Environment Clearance to SEIAA subject to the conditions mentioned in the 132th SEAC Meeting held on 26.07.2019.

Agenda No.144-TA-15

(File No. 6780/2019)

Proposed construction of Residential Building project by M/s. Tamil Nadu Slum Clearance Board at S.F.No 71/338 In Thailavaram Village, Chengalpattu Taluk, Kanchipuram District, Tamil Nadu. – For Environmental Clearance.

(SIA/TN/MIS/100289/2019)

The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Plot area is 41875.00 Sq.m in which Basement + Ground + 3 Floors to be constructed with total built up area of 36481 m². Area for Roads and Pavement is 9129.69 m² with 6281.96 m² of greenbelt area (15% of net land area for development) and 4383.28 m² of OSR area (10% of net land area for development).
2. The proponent has constructed a building with existing built up area of 17910.24 Sq.m and the proponent informed that the built-up area of the existing buildings is less than 20000 sq.m .Hence the proponent informed that existing buildings are not required the Environmental clearance.
3. The project is located at 12°50'12.99"N Latitude, 80°02'33.20"E Longitude.
4. This proposal comprises of 960 dwelling units with population of about 5040 Nos.
5. A total of 695 KLD of fresh water is required which is sourced from TWAD Board. 274 KLD of grey water generated which is treated through a grey


Member Secretary


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water treatment system with capacity of 300kLD. The treated grey water 223kLD to be used for toilet flushing, 22kLD utilized for gardening and 15kLD utilized for greenbelt development in the OSR Area. A total quantity of 380KLD of black water (sewage) generated is treated in STP- Sequential Batch Reactor (SBR) resulting in 337KLD of treated water is planned to be used for avenue plantation purpose.

6. A total of 1718 KVA of power is required which is sourced from TNEB grid.
7. Total waste estimated to be generated is 2.448 Tons/day in which 1.469 Tons /day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 45 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 0.97 Tons/day is non bio-degradable waste will be sold to Authorized recyclers.

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied for EC to SEIAA-TN for the proposed Residential Building project at S.F.No 71/338 Thailavaram Village, Chengalpattu Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

After a presentation made by the proponent, the SEAC instructed the project proponent to furnish the following details:

1. The proposed lands for the developments of residential apartments possess land use classification as Grazing ground poramboke (fodder land). Hence, the project proponent is requested to obtain the suitable land use classification from the competent Authority for the proposed activity.
2. The project proponent is requested to furnish the exact distance from the burial ground to the proposed project boundary with a lay out map.
3. The project proponent is requested to submit the building plan permission obtained for the constructed building with a built up area of 17910.24 Sq.m so as to confirm the non-applicability of EC for the existing buildings.


Member Secretary


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4. Ambient Air Quality modeling for PM₁₀, PM_{2.5}, SO_x, NO_x&CO for the proposed project and impact due to the proposed project shall be modeled and furnished.
5. Solar energy utilization for 10% of total energy shall be provided.
6. The layout plan furnished for the greenbelt area earmarked by the project proponent on the periphery of the site and the same shall be submitted for CMDA approval.
7. The design detail of the STP with the component shall be furnished. Further, the reason for adopting the SBR technology shall be explained in detail.
8. Necessary permission shall be obtained and furnished for utilization of 15 kLD of the treated sewage for OSR and the same shall be furnished.
9. Necessary permission shall be obtained and furnished for utilization of 337 kLD of the treated sewage for Avenue plantation or irrigation. Document in this regard should be submitted.
10. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
11. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018.

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

The project proponent has furnished the reply to the above points to SEIAA on 13.09.2020.

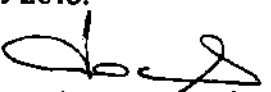
The proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC noticed that this area falls under Grazing Ground (Meikkal Poramboke). Hence, SEAC recommended for the issue of Environmental Clearance to the SEIAA subject to the standard conditions in addition to following condition:


Member Secretary


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1. Even though the letter dated 09.05.2019 from the DTCP, Chengelpet states that the proposed project site falls under the unclassified land. Further stated that the S.F.No.71/338 falls under Grazing ground poramboke (fodder land). Hence, the project proponent shall get necessary permission from the Competent authority to make sure that this land can be used for building.
2. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval and the approved CMDA/DTCP plan shall be submitted to SEIAA. The total greenbelt area should be minimum of 15% of the total project area.
3. As per the Development Regulations (DR) parameters of Second Master Plan, no site in Municipal and Panchayat areas which is within a distance of 30m from a place declared and used as a burning or burial/ground shall be used for layout or sub divisions for human habitation (residential) purpose. This should be strictly followed.
4. Necessary permission shall be obtained and for utilization of 337 kLD of the treated sewage for Avenue plantation from the competent Authority before obtaining CTO from TNPCB as reported.
5. Necessary permission shall be obtained and for utilization of 15 kLD of the treated sewage for OSR from the competent Authority before obtaining CTO from TNPCB as reported.
6. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
7. The height of the stack of DG sets shall be provided as per the CPCB norms.
8. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.
9. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
10. Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.


Member Secretary


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11. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
12. The safety measures proposed in the report should be strictly followed.
13. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
14. The CER fund shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No: 144-TA-16

(File.No.7240/2019)

Proposed construction of Residential Building Development by M/s. Tamil Nadu Slum Clearance Board at Survey Numbers: 4/330(New No.), 4/76(Old No.) in Keezhapalur Village, Ariyalur Taluk, Ariyalur District, Tamilnadu for Environment Clearance (SIA/TN/MIS/123905/2019)

The proposal was placed in this 141st SEAC Meeting held on 16.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at 11°4'9.78"N latitude and 79°3'28.97"E Longitude.
2. The total land area of the project is 20,260.62 Sq.m with total build up area 21,407 Sq.m.
3. The project consists of multistoried residential building development consisting of Ground floor + 3 floors totally 576 Dwelling Units. Proposal also includes 1-ICDS, 1 Community hall, 1- Library and 1-Ration shop.
4. Total area for Parking provided is 1141.20 Sq.m
5. The green belt area proposed for this project is 3064 sq.m (15.12% of total land area).
6. The daily fresh water requirement is 265 kLD which will be sourced from TWAD Board.
7. Total water Requirement for the project is 265 kLD, Fresh water (Domestic) Requirement is 265 kLD. Total Grey water generation will be 265 kLD, Grey water will be treated through 300kLD Activated carbon Filter & pressurised


Member Secretary


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Sand filter. Treated grey water will be used for flushing & excess water will be used disposed to village panchayat. Total sewage generation will be 141 kLD. Sewage will be treated through 160 kLD STP. Treated water will be reused for gardening (11 kLD) and then the excess water of 109 kLD + 111 kLD (111 kLD from Grey water plant) will be disposed to vacant lands & green belt development in village panchayat.

8. Total waste estimated to be generated is 1810.60 kg/day in which 1089.56 kg/day is Biodegradable waste, which will be treated in bio-Methanation plant within the project site mixed with 0.008 kg/day STP sludge and then used as manure for landscaping purpose within project site and 721.04 kg/day is Non-Biodegradable waste will be sold to Authorized recyclers.
9. The rainwater harvesting pit has 76 Nos (4 Nos per Block) of 900 mm dia and 1.5 m depth & the rainwater collection sump of capacity 140 cu.m will be provided.
10. There is no Backup Power Source. Since DG set is not proposed.

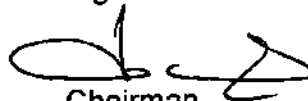
The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied for Environmental Clearance to SEIAA-TN for the Proposed construction of Residential Building Development at Survey Numbers: 4/330(New No.), 4/76(Old No.) in Keezhapalur Village, Ariyalur Taluk, Ariyalur District.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. As per the site photographs furnished by the proponent, the foundation work has been started and the proponent informed that the built-up area proposed in the earlier plan was less than 20,000 sq.m.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. The layout plan needs to 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


Member Secretary


Chairman

should be atleast 3m wide all along the boundaries of the project site. The green belt area should be not be less than 15% of the total land area of the project.

2. The water balance furnished by the proponent is incorrect. Hence the proponent has directed to furnish the revised water balance sheet as per the guidelines for buildings issued by MoEF&CC.
3. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.
4. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
5. Details of Rainwater harvesting system proposed should be furnished.
6. The proponent shall furnish the proof for the built-up area proposed in the earlier plan was less than 20,000 sq.m.

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

The project proponent has furnished the reply to the above points to SEIAA on 13.09.2020.

The proposal was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC noted that the project proponent has not furnished proper proof for the built-up area ~~proposed~~ in the earlier plan was less than 20,000 sq.m. Hence, the SEAC decided defer the proposal for want said detail/ proof.

Agenda No: 144-10

(File No. 7057/2019)

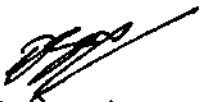
Proposed Rough stone and Gravel quarry over an extent of 1.85.5Ha in S.F.Nos. 655 at Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District by Tmt.D.Jothi – For Environmental Clearance.

(SIA/TN/MIN/36593/2019)

The proposal was placed in this 137th SEAC Meeting held on 17.10.2019.

The SEAC noted the following:

1. The Proponent, Tmt.D.Jothi has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and Gravel quarry over an Extent of 1.85.5 Ha in S.F.No. 655 at Therkkukaraseri Village, Srivaikundam Taluk, Thoothukudi District.


Member Secretary


Chairman

2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. The proponent shall furnish the road map for transporting trucks coming out from mining site along with dust compression system for vehicular movement.
2. Detail of Mine closure plan should be submitted.
3. The detail of the air quality data, fugitive emission & water quality of ground water data furnished during the meeting was found to be incorrect. Hence, request to furnish the above data correctly.
4. Details of open well present within 500 meter from the project site and depth of the open well shall be furnished.
5. It was noted from Google Image that proponent has already carried out the mining activity that in the leased area. Hence, it is requested that furnish the following details from AD, mines
 - a) What was the period of the operation and stoppage of the earlier mines?
 - b) Quantity of minerals mined out.
 - c) Depth of mining

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

The Project proponent has submitted his reply on 06.12.2019.

The proposal was placed in the 144th SEAC meeting held on 17.02.2020. SEAC noted that from the reply, it was mentioned that the period of operation and stoppage of earlier mines has 13.07.2011 to 12.07.2011. Hence, the proponent is requested to furnish the correct detail of period of operation and stoppage of earlier mines from AD/DD mines, Thoothukudi.

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


Member Secretary


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Agenda no: 144-TA-18

(File No. 6804/2019)

Proposed Rough Stone & Gravel quarry over an Extent of 2.92.0 Ha in S.F. Nos. 325/3A, 4 & 325/8 at Akilandapuram Village, Kayathar Taluk, Thoothukudi District of Tamil Nadu by Thiru. S. Vellapandi – for Environmental Clearance

The Proponent, Thiru. S. Vellapandi has sought Terms of Reference Nadu for the proposed Rough Stone & Gravel quarry over an Extent of 2.92.0 Ha in S.F. Nos. 325/3A, 4 & 325/8 at Akilandapuram Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.

The proposal was placed in the 139th SEAC Meeting held on 22.11.2019. The project proponent gave detailed presentation.

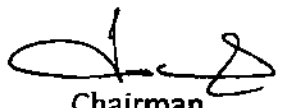
The SEAC noted the following:

1. The Proponent, Thiru. S. Vellapandi has applied for EC to SEIAA-TN on 07.05.2019 for the Proposed Rough Stone & Gravel quarry over an Extent of 2.92.0Ha in S.F. Nos. 325/3A, 4 & 325/8 at Akilandapuram Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. Photographs of fencing arrangement provided along the boundary of the site.
2. It was noted that documents furnished by the proponent mining activity was already been carried out in the mine lease area. It is directed to furnish the following details from AD, mines
 - a) What was the period of the operation and stoppage of the earlier mines?
 - b) Quantity of minerals mined out.
 - c) Depth of mining


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- d) Name of the person already mined in that leases area.
 - e) Copies of EC and CTO already obtained if any and its compliance
3. The proponent shall upload the Letter obtained from the Department of Geology and Mining, stating the details for quarries (Proposed / Existing / Expired and abandoned) located within 500mts radius from the periphery of the applied area along with alone application.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action. As per the order Lr.No.SEAC-TN/F.No.6804/2019 dated: 23.01.2020 of the Chairman, SEAC, a Sub-Committee Team comprising of the SEAC Members was constituted to inspect and study the field conditions for the Proposal seeking Terms of Reference Nadu for the proposed Rough Stone & Gravel quarry over an Extent of 2.92.0 Ha in S.F. Nos. 325/3A, 4 & 325/8 at Akilandapuram Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu

The project site was inspected by the sub-committee on 25-01-2020 and the following were noted

1. Already quarried pit was available and there was no fencing arrangement was done around the periphery of the project site.
2. The sub-committee noted that earlier the proponent was issued 5 years of quarry lease for the project site vide proceedings dated 18/10/2005 by the Collector, Tuticorin District subject to the certain conditions interalia "Safety distance of 10m should be left from the road located at the South-west side of the Survey No 325/3A". However there was no safety distance provided as per the committee's observation in the project site.
3. There is a road abutting the quarry on the Southern side and a parapet wall of 1.5 feet (45 cm) height has been constructed as a boundary which may not prevent


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inadvertent entering of animals, public into the project site and risking their life and this does not serve the purpose for which it was constructed.

4. There is no green belt development around the project site.
5. The quantity of rough stone already mined out in the pit was not available and depth of mining already been carried out was unclear due to water level at the existing pit. Hence the project proponent shall furnish the said details from AD mines as stipulated in the SEAC minutes vide agenda item no 139-01-03.
6. There is a high risk that the domestic animals & people may come unknowingly and they would fall into the quarry which is approximately more than 50m depth.

The sub-committee recommends to the SEAC that the project proposal may not be recommended for clearance as there is high risk to people and animals and the above said points/clarifications are not addressed.

Inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC accepted the recommendation of the sub-committee and decided that the project proposal not be recommended for Environment clearance as there is high risk to people and animals.

Agenda no: 144-TA- 19

File No.7121/2019

Proposed Rough stone and Gravel quarry over an Extent of 4.89.5 Ha in S.F.Nos. 375 at Palamadai Village, Tirunelveli Taluk, Tirunelveli District by M/s. Thiru.C.Ramesh, Tirunelveli – For Environmental Clearance.

[SIA/TN/MIN/42734/2019]

The proposal was placed in the 138th SEAC Meeting held on 08.11.2019. The project proponent gave detailed presentation. The SEAC noted the following:

The Proponent Thiru.C.Ramesh, Proposed Rough tone and Gravel quarry over an Extent of 4.89.5 Ha in S.F.Nos. 375 at Palamadai Village, Tirunelveli Taluk, Tirunelveli District .


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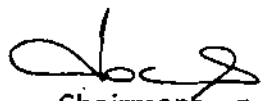

1. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
2. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No:M1/41429/2016, dated 07.08.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

Sl. No	Name of the quarry owner	Name of the Mineral	Taluk & Village	Extent	Quarry Details
1.Existing Quarry					
1	Nil				
2.Abandoned Quarry					
1	Tmt.P.Gomathi, W/o.A.Paramasivam, 1/44-76, Maravar Colony, Rajavallipuram	Rough stone	Tirunelveli Taluk Gangaikokndan-2 village S.F.No.1785	0.78.5Ha	Non Operating
3.Proposed Quarry					
1	C.Ramesh S/o.Chokkalinga Thevar, Perumal Kovil Street, Palamadai Village, Tirunelveli Taluk and District.	Rough stone	Tirunelveli Taluk Palamadai Village S.F.No.375	4.89.5Ha	Proposed

The Total extents of the Existing / Proposed quarries are about (0 + 1) is 4.89.5Ha.

Based on the presentation made by the proponent, the SEAC noted that Gangaikondan Spotted Deer Sanctuary is located at 1.2Km from the project site. The Eco-sensitive zone as per Final Notification S.O. 2773(E).-dated 31,07.2019 of MOEF & CC. The proponent has informed that the lease area is located 1.1km from the boundary of Eco-sensitive zone Hence the SEAC directed the proponent to furnish the NOC from the DFO stating that


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distance of project site from Gangaikondan Spotted Deer Sanctuary and effect of quarrying to spotted deer ecosystem and other wild life in the area. Also the proponent shall conduct noise level survey and fugitive emission modeling and furnish the report. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. The project proponent has submitted the additional detail to SEIAA.

Further, It was decided that the SEAC would further deliberate on this project and decide the further course of action on receipt of the above details. The proponent has submitted the above said details. As per the order Lr.No. SEAC-TN/F.No.7121/2020 dated: 23.01.2020 of the Chairman, SEAC, a Sub-Committee Team comprising of the SEAC Members was constituted to inspect and study the field conditions for the proposal seeking Environment Clearance by Thiru.C. Ramesh for the Proposed Rough stone and Gravel quarry over an Extent of 4.89.5 Ha in S.F. Nos. 375 at Palamadal Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu. The project site was inspected by the sub-committee on 25-01-2020 and the following were noted

1. The stone pillar was provided along the boundary of the site in two sides and the no activities were carried out.
2. There were two operating crusher and M-Sand plant adjacent to the proposed quarry.
3. The Committee observed that there are many existing mines located which may be above 5 Ha. Whereas the DD mines, Department of Geology and Mining stating that there is only one quarry owned by Tmt Gomathi for an of extent 0.78.5 Ha.

Sub-committee noted that the proponent has furnished letter reported to have been obtained from DD mines, Department of Geology and Mining stating that there was only one quarry owned by Tmt. Gomathi for an extent of 0.78.5Ha located within 500m radius from the proposed quarry shown as Non-Operating quarry. However, while visiting the adjacent area, sub-committee found that there is more number of quarries


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and more extent of area has been mined out. In this regard, the proponent shall furnish the factual information from the Department of mining and Geology about the quarries located within 500m radius of the proposed quarry.

Also the proponent shall conduct noise level survey and cumulative fugitive emission modeling study considering the crusher and M-Sand unit located near proposed site and furnish the report as stipulated in the SEAC minutes vide agenda item no 138-01-16.

Hence, the sub-committee recommends to the SEAC that the project proposal may further be presented again along with the aforesaid details by the proponent and the consultant. The committee also recommends that a letter from SEAC may be written to AD (Mines) to revisit the site and give the actual details of mined quarries (area, depth and quantity wise).

The inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided that the above details shall be obtained from AD (mines) and submit the same for further consideration. The committee also recommends that a letter from SEAC shall be written to AD (Mines) to consider the above details mentioned in the point no.3 of the observation of the members of the Sub- committee of SEAC and give the actual details of mined quarries as per the present status in the field (area, depth and quantity wise).

Agenda No.:144-TA-20

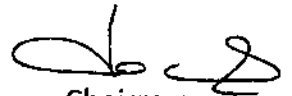
File No.7135/2019

Proposed Multi colour Granite Quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part) and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District Tamil Nadu by Tvl. Om Muruga Granites – For Environmental clearance

The proposal was placed in this 140th SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The SEAC noted the following:

1. The Proponent, Tvl. Om Muruga Granites has applied for Environmental clearance to SEIAA-TN on 21.08.2019 for proposed Multicolour Granite


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quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part)-and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District Tamil Nadu.

2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. Ground water quality study carried out on the wells located in the surrounding area within 2km.
2. AAQ, Fugitive emission modeling, Noise studies carried out.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action. As per the order Lr.No.SEAC-TN/F.No.7135/2019 dated: 23.01.2020 of the Chairman, SEAC, a Sub-Committee comprising of the SEAC Members was constituted to inspect and study the field conditions for the proposal seeking Environment Clearance for the proposed Multicolour Granite quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part) and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District Tamil Nadu.

The Sub-Committee inspected the site on 26.01.2020; to start with, the Sub-Committee held discussions with the project proponent regarding the proposal seeking Environment Clearance

1. The committee has inspected the project site and the following were noted
 - a. The proponent has applied for the quarrying for the extent of 2.11.10Ha in SF No 442/1A (Part) and 442/2(Part). On verification village map, it was observed that SF No 442/1A and 442/2 was not subdivided into parts and the total extent of the area is found exceeding 5Ha comprised in the said survey numbers and hence the proponent was directed to apply for ToR.


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- b. The sub-committee noted that there are trees to be removed during commencement of the quarry. Hence the proponent is directed to furnish the detailed account of the trees species to be removed and the proposal for removing and replanting the trees in the alternate site.
- c. The project site was covered under HACA region and hence the proponent was directed to obtain HACA clearance.

The subcommittee recommends to the SEAC that the project proponent may apply for ToR and the proposal may be considered for further deliberation once the above said details are received.

The inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC accepted the recommendation of subcommittee and decided that the proponent shall apply along the above said details along with the HACA clearance.

Agenda No.: 140-TA-21

(File No. : 7169/2019)

Proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. No. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu by Thiru. P. Suresh Kumar – For Environmental Clearance.

(SIA/TN/MIN/43851/2019)

The Proponent, Thiru. P. Suresh Kumar has sought Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.

The proposal was placed in this 140th SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The SEAC noted the following:

1. The Proponent, Thiru P. Suresh Kumar applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.


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2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. Ground water quality study carried out on the wells located in the surrounding area within 2 km.
2. AAQ, Fugitive emission modelling, Noise studies to be carried out and the data needs to be submitted.
3. It was noticed that there was a crusher inside the proposed mining area. Hence the proponent shall furnish the present status of the crusher.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.


Sub-Committee of the SEAC Members was constituted to inspect and study the field conditions for the proposal seeking Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.

The Sub-Committee inspected the site on 26.01.2020; To start with, the Sub-Committee held discussions with the project proponent regarding the proposal seeking Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.

The committee inspected the project site. During the inspection, the following were observed

1. The quantity of rough stone already mined out in the pit was not available. Hence the committee directed the project proponent to furnish the said details from AD mines.


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2. There is an operating M-Sand plant adjacent to the proposed quarry. Hence the committee directed the proponent shall conduct noise level survey and cumulative fugitive emission modelling study considering the M Sand unit located near proposed site and furnish the report as stipulated in the SEAC minutes vide agenda item no 140-01-10.
3. The sub-committee noted that there are trees to be removed during commencement of the quarry. Hence the proponent is directed to furnish the detailed account of the number of trees along with the details of species to be removed and the proposal for removing and replanting the trees in the alternate site.

The sub-committee recommends to the SEAC that the project proposal may be considered for further deliberation once the above said details are received.

The inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC accepted the recommendations of the subcommittee and project proposal shall be considered for further deliberation once the above said details are received.

Agenda no: 144-TA-22

(File No. 6970/2019)

Proposed Rough stone quarry lease over an Extent of 3.79.5Ha in S.F.Nos 177/5, 177/6, 177/7 & 178/1 at Mannarkottai Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru. E. Mariappan – For Environment Clearance

(SIA/TN/MIN/38562/2019)

The proposal was placed in this 136th SEAC Meeting held on 20.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent. Based on the presentation made by the proponent and the documents furnished (SEAC Minutes Enclosed). The SEAC decided that the project proponent has to furnish the following details:


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i) It was noted in the Google image that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines

- a) What was the period of the operation and stoppage of the earlier mines?
- b) Quantity of minerals mined out.
- c) Depth of mining
- d) Name of the person already mined in that leases area.

ii) The detail of Fugitive emission should be modelled and mitigation measures shall be furnished.

On submission of the above details, SEAC decided to make an on the spot inspection to assess the present status of the project by the sub-committee constituted by the SEAC. The proponent furnished above said details vide letter dated 25/11/2019.

As per the order Lr.No.SEAC-TN/F.No.6970/2019 dated: 30.01.2020 of the Chairman, SEAC, a Sub-Committee Team comprising of the SEAC Members was constituted to inspect and study the field conditions


The Sub-Committee inspected the site on 01.02.2020. The Sub-Committee held discussions with the project proponent and the committee inspected the project site and observed the following.

1. It was observed that proposed site was an existing pit with a mined out approximately upto a depth of 25m.
2. No fencing arrangements were provided around the periphery of the mining site.
3. It was noticed that safety distance of 50m was stipulated for the Odal located at S.F no 176/4 vide letter dated 23/02/2019 by Department of Geology and Mining, Virudhunagar However there was no safety distance left.
4. There was no green belt developed by the proponent.

Inspection report by the Sub-Committee is submitted to the Chairman, SEAC for the further course of action regarding the proposal seeking Environment Clearance by Thiru.

E. Mariappan for the proposed Rough stone quarry lease over an Extent of 3.79.5Ha in S.F.Nos 177/5, 177/6, 177/7 & 178/1 at Mannarkottai Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu with the following remarks.


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The project proponent has not complied with mandatory measures as stipulated above. Hence the subcommittee decided not to recommend the project proposal for the issuance of EC.

The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to defer the proposal for the next SEAC meeting.

Agenda No.144- TA- 23:

(File No. 7027/2019)

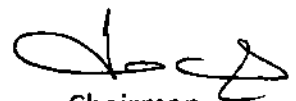
Proposed rough stone and gravel quarry over an extent of 2.93.5ha in S.F.nos.114/1D1, 114/1D2, 116/1A, 116/1B, 116/1C, 116/2D, 116/3, 116/4, 116/5, 116/6, 116/7 AND 116/8 at T.kadambankulam village, Kariyapatti taluk, Virudhunagar district, Tamil Nadu by M/S.R.S.R. BLUE METALS- For Environment Clearance (SIA/TN/MIN/40486/2019)

The proposal was placed in the 136th SEAC Meeting held on 21.09.2019. The Project proponents send detailed presentation. The salient features of the project as presented by the proponent. Based on the presentation, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since there is one oorani on north-east side of the boundary of this project site and also one plot layout is located within 300m. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

As per the order Lr.No.SEAC-TN/F.No.7129/2019 dated: 30.01.2020 Sub-Committee was constituted with the SEAC Members to inspect and study the field conditions for the said proposal seeking Environment Clearance. The Sub-Committee inspected the site on 02.02.2020 and the Sub-Committee held discussions with the project proponents regarding the proposal and during inspection of the site, the following were observed.

1. It was observed that proposed site was a existing pit with a mined out approximately upto a depth of 20m.


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2. No fencing arrangements were provided around the periphery of the mining site.
3. A dry water pond was located in the North Eastern side of the projects for which a safety distance of 20m was found left.

The Sub-Committee inspection report was placed The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to defer the proposal for the next SEAC meeting.

Agenda No.144- TA- 24:

(File No. 6240/2017)

Existing limestone quarry over an extent of 5.05.0 Ha in S.F.No 249/5, 249/6 & 253/1B at Uthappanaickkanur village, Usilampatti Taluk, Madurai District by Thiru. K.R.Karuppasamy- For Environment Clearance under Violation notification dated 8th March 2018 and 14th March 2017 of MoEF& CC.


(SIA/TN/MIN/6201/2017)

The proposal was placed in the 139th SEAC Meeting held on 22.11.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the project proponent applied under violation under the notification of MoEF&CC dated 14/03/2017 and 8/03/2018 .

As per the order Lr.No.SEAC-TN/F.No.6240/2018 dated: 30.01.2020 a Sub-Committee Team comprising of SEAC Members was constituted to Inspect and study the field conditions for the proposal seeking Environment Clearance for the Proposed Limestone quarry over an Extent of 5.05.0 Ha in S.F.No. 249/5, 249/6 & 253/1B, at Uthappanaickkanur Village, Usilampatti Taluk, Madurai District of Tamil Nadu


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The Sub-Committee inspected the site on 02.02.2020; to start with, the Sub-Committee held discussions with the authorities regarding the proposal seeking Environment Clearance for the Proposed Limestone quarry over an Extent of 5.05.0 Ha in S.F.No. 249/5, 249/6 & 253/1B, at Uthappanaickkanur Village, Usilampatti Taluk, Madurai District of Tamil Nadu.

During inspection of the site, the following were observed.

1. It was observed that proposed site was a existing pit with a mined out depth upto a depth of 15m.
2. Nearby land owners/farmers complained about mining waste dumping and dust emissions.
3. No fencing arrangements was provided around the periphery of the mining site.
4. The site was surrounded by the forest area in the Western side.

The Sub-Committee inspection report was placed The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to defer the proposal for the next SEAC meeting.

Agenda No.144- TA- 25:


(File No. 5058/2016)

proposed 600 TPD Pyro Process Cement Plant by M/s. V.V. Cements Private Limited at S.F.No411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu- for Environmental Clearance.

(SIA/TN/IND/34000/2016)

The Proponent, M/s. V.V. Cements Private Limited has applied for Environment Clearance to SEIAA-TN on 16.04.2018 the project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

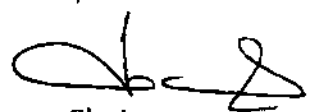

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The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Total plot area of the project site is 53580.29 Sq.m (13.24 acres), where Factory coverage area is 4364.58 Sq.m, Other facilities is 185.80 Sq.m, Greenbelt area is 18217.26 Sq.m (34% of total land area) and vacant area is 20406.61 Sq.m.
2. The project site is located at 10°51'36.34"N and 78°20'28.59"E (Site Centre coordinates).
3. Since there is an ever increasing requirement for cement and its products, we are proposing for a 600 tonnes per day capacity of cement manufacturing unit. The product is sold under the brand name of Ultra Gold Cement (UGC).
4. The total requirement of water for proposed unit is 67.4 KLD (Fresh water-56.4 KLD & Recycled water-11.0 KLD). Water requirement for the proposed project would be supplied by private tankers.
5. The domestic Sewage generate of approximately 11 KLD. It will be treated through Sewage treatment plant with capacity of 14 KLD. STP recycled water (11 KLD) will be used for Greenbelt development. No effluent generated from the proposed project since it is a dry process cement plant.
6. 3500 KVA of power is required which will be sourced from TANGEDCO, back-up power supply is through 1x 125 DG set with a stack height of 10 m AGL.
7. Total estimated solid waste generation from the proposed unit is 67.5 Kg/day in which Biodegradable waste is 40.5 Kg/day and it will be disposed through local bins. Non-Biodegradable waste of quantity 27 Kg/day will be sold to authorized vendors. Hazardous waste of quantity 1 Tons /day will be used as a secondary firing source along with coal.
8. Vayalurkulam adjacent to proposed site.


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The SEAC noted the following:

1. The Proponent, M/s. V.V. Cements Private Limited has applied for EC to SEIAA-TN for the proposed 600 TPD Pyro Process Cement Plant at S.F.No 411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 3(b) "Cement plants" of the Schedule to the EIA Notification, 2006.
3. ToR has been obtained from SEIAA, Tamil Nadu Vide Lr.No. SEIAA-TN/F.5058/2016/2 (b)/ToR-246/2016 dated: 17.05.2016.

After the detailed presentation made by the proponent and perusal of the documents submitted by the proponent, the SEAC direct the project proponent to furnish the following details:

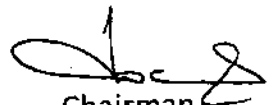
1. The permissible land use classification for the proposed project shall be obtained from the DTCP.
2. The compliance report for the Terms of reference (ToR) issued by SEIAA Vide Lr.No. SEIAA-TN/F.5058/2016/2 (b)/ToR-246/2016 dated: 17.05.2016 was not satisfied. For example, the project proponent is not submitted the detail in the EIA report for the following condition mentioned in the above said ToR.

The proponent was requested to conduct HAZOP study and furnish along EIA report.

For the above said condition, the proponent has furnished "HAZOP study will be conduct and report will be submitted later".

Hence the SEAC direct the project proponent to furnish the detailed compliance report for the Terms of reference already obtained Vide Lr.No. SEIAA-TN/F.5058/2016/2 (b)/ToR-246/2016 dated: 17.05.2016 to SEIAA.


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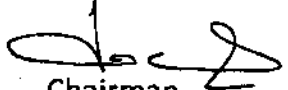

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3. Water balance furnished by the project proponent is incorrect in terms of balancing. Hence, the revised water balance with proper balancing of water shall be furnished.
4. The site photograph with date shall be furnished.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 4) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site for the M/s. V.V. Cements Private Limited has applied for EC to SEIAA-TN for the proposed 600 TPD Pyro Process Cement Plant at S.F.No 411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu by the sub-committee constituted by the SEAC since the project site located very adjacent to the water bodies. Based on the inspection report and the data furnished for S.No. 1 to 4 stated above, SEAC would further deliberate on this project and decide the further course of action. The proponent has submitted his/her reply .As per the order Lr.No.SEAC-TN/F.No.5058/2016 dated: 12.12.2019 of the Chairman, SEAC, a Sub-Committee comprising of the following SEAC Members was constituted to inspect and study the field conditions for the Proposal Seeking Environmental Clearance for the proposed 600 TPD Pyro Process Cement Plant by M/S. V.V. CEMENTS PRIVATE LIMITED at S.F.No411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu.The date of the Inspection on 15.12.2019.

The Sub-Committee inspected the site on 15.12.2019; to start with, the Sub-Committee held discussions with the project proponent regarding the proposed 600 TPD Pyro Process Cement Plant by M/S. V.V. CEMENTS PRIVATE LIMITED at S.F.No411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village,


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Krishnarayapuram Taluk, Karur District, Tamil Nadu. During the inspection, the committee observed the following points:

1. The proponent kept the proposed site as vacant. Further, the subcommittee observed that there were some neem trees. Hence the sub-committee direct the proponent to carry out the development activity without disturbing the existing trees at maximum possible extent. Otherwise the proponent should replant all the trees in the premises itself, by adopting suitable techniques for re-plantation.
2. On scrutiny of the reply submitted by the proponent, it was noticed that the land use classification of site is unclassified as per DTCP. It should be converted for industrial use ,
3. There was a canal located at a distance of 200 m from the project site boundary. The proponent has obtained the NOC/ recommendations from PWD on flood inundation point of view. The sub-committee instruct the proponent to strictly follow the conditions/recommendations imposed in the said PWD NoC.

The Sub-Committee submit the inspection report to SEAC for the further course of action regarding the proposal of the proposed 600 TPD Pyro Process Cement Plant at S.F.No411/9, 411/10, 416/1, 417/4, 417/3, 413/2B, 413/2A, 414/1B & 415/3B in Vayalur Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu.

The proponent has submitted the additional detail to SEIAA office. The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to recommend for Environmental Clearance to SEIAA subject to standard conditions in addition to following conditions:

1. Land use conversion to industrial shall be obtained before getting the Consent to Operator from TNPCB.


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2. Project Proponent shall carry out the development activity without disturbing the existing trees at maximum possible extent. If Otherwise the proponent should replanted the all the trees in the premises itself.
3. The proponent shall obtain the planning permission from DTCP/competent authority to establish the industry.
4. The proponent shall strictly adhere to all the conditions imposed in the NOC/ recommendations from PWD on flood inundation point of view.
5. The proponent shall provide the all the necessary Air Pollution Control measures so as to achieve the air quality standards prescribed by the CPCB.
6. The CER fund of 2 % shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018.

Agenda No.144-TA- 26:

(File No. 6689/2018)

Proposed change in Product Mix within existing API Manufacturing Facility by M/s. Par Active Technologies Private Limited at Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu – for Terms of Reference for expansion.

The proposal was placed in this 131st SEAC Meeting held on 17.07.2019. The proponent has given the detailed presentation and the SEAC noted the following:

1. The Proponent, M/s. Par active Technologies Private Limited has applied for Terms of Reference for the Proposed expansion change in Products Mix within existing API Manufacturing Facility at Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(f) "synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.


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3. The project proponent obtained Environmental Clearance from SEIAA vide Letter No. SEIAA/TN/EC/5(f)/004/F-133/2008 dated: 05.01.2009.
4. For the compliance report of the Environmental Clearance, the proponent has applied to the Regional Office MoEF& CC, Chennai. In the Regional Office MoEF& CC, Chennai "The State Pollution Control Board may kindly be requested to carry out inspection and to issue a Certified Compliance Report."
5. The Tamil Nadu Pollution Control Board vide its Letter No. T4/TN/PCB/F.0516/MMN/2019 Dated: 18.06.2019, it is informed that the Tamil Nadu Pollution Control Board issues CTO to the industries attracting EIA notification, 2006 only after verifying the Compliance of conditions imposed in the EC issued under the said notification and also the CTE issued to the industries. As the Compliance of the EC conditions has already been verified and CTO issued, the valid consent issued by the Board for the existing units in operation may be considered as Certified Compliance Report.

The proponent made a presentation about the project proposal. The SEAC instructed the project proponent to furnish the following details:


1. The greenbelt provided by the project proponent for the existing plant is insufficient and does not meet the requirement of 33% of the total plot area. Hence, the project proponent is requested to explore the possibility of increasing the green belt area for the minimum requirement of 33% of the total plot area within the project site.
2. Furnish the Stoichiometric equations for each product as stated in existing and proposed expansion, in order to study the mass balance.
3. Copy of the Permission letter from competent authority for supply of water including the expansion activity.
4. Details of safety measures proposed for storing the materials which are stored in this unit.
5. Accident report of the existing facility.
6. Existing occupation and health records


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7. Performance of STP and ETP provided in the project along with the ROA of samples analysed by the TNPCB for the last three years
8. ROA of AAQ/Stack/ANL Survey conducted by TNPCB for the last three years.
9. The risk analysis report for the existing plan shall be furnished, since it is a chemical Industry.
10. The proponent shall furnish details of Hazardous wastes generation and disposal with necessary documents for the disposal of the hazardous wastes for the last five years.
11. In the Certified Compliance Report issued by Tamil Nadu Pollution Control Board vide in their Letter No. T4/TNPCB/F.0516/MMN/2019 Dated: 18.06.2019, it has been informed that "It is informed that the Tamil Nadu Pollution Control Board issue CTO to the industries attracting EIA notification, 2006 only after verifying the Compliance of conditions imposed in the EC issued under the said notification and also the CTE issued to the industries. AS the Compliance of the EC conditions has already been verified and CTO issued, the valid consent issued by the Board for the existing units in operating may be considered as Certified Compliance Report."

After perusal of the above letter dated 18.06.2019 received from Tamil Nadu Pollution Control Board. The committee is not in a position to observe the Compliance of the earlier Environmental Clearance issued by SEIAA vide Letter No. SEIAA/TN/EC/5(f)/004/F-133/2008 Dated: 05.01.2009. Hence, the committee decided that a letter may be addressed to the Tamil Nadu Pollution Control Board informing that point wise Certified Compliance Report for the Environmental Clearance issued earlier may be furnished. Further, for all other projects also the point wise Certified Compliance Report shall be furnished to observe the Compliance of the earlier Environmental Clearance by the SEAC for appraisal. The project proponent is requested to submit the (Sl.No. 1 to 10) details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 10) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site for the M/s. Par Active Technologies Private Limited Plot No. 16.


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17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 9 stated above, SEAC would further deliberate on this project and decide the further course of action. Accordingly the proponent has submitted his reply. As per the order Lr.No.SEAC-TN/F.No. 6866/2019 dated: 06.12.2019 of the Chairman, SEAC, a Sub-Committee comprising of the SEAC Members was constituted to inspect and study the field conditions for the Proposal seeking Terms of Reference for the Proposed change in Product Mix within existing API Manufacturing Facility by M/s. Par Active Technologies Private Limited at Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu. The date of the Inspection on 08.12.2019.


The Sub-Committee inspected the site on 08.12.2019; to start with, the Sub-Committee held discussions with the project proponent regarding the Proposal seeking Terms of Reference for the Proposed expansion with change in Product Mix within existing API Manufacturing Facility by M/s. Par Active Technologies Private Limited at Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu. The committee has inspected the project site, during the inspection, the committee was observed that the following points:

1. The unit was under operation.
2. The Associate Vice president – plant operation has gave the detailed presentation about the plant operation.
3. The subcommittee was inspected the production area, ETP, STP, Hazardous waste storage area and green belt area

(i) Production Area :

The sub- committee instruct the proponent to implement the latest technology to avoid the odour problems and further the proponent has


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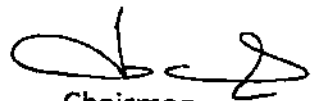
directed to provide the more signage board for evacuation during emergency.

- (ii) Effluent Treatment Plant (ETP): The ETP provided was under operation. The sub-committee instructed proponent to form a Environmental Cell and plot the performance of the ETP with the parameters COD, TDS, etc., .Further the proponent shall furnish the record for the disposal of the Hazardous waste to M/s. TNWML for the last five years.
- (iii) Sewage Treatment Plant (STP) The sub-committee observed that the STP was under operation. The sub-committee instructed proponent to plot the performance of the STP.
- (iv) Hazardous Waste Disposal
The proponent shall furnish the record for the disposal of the Hazardous waste for the last five years.
- (v) Green belt area:
The sub-committee observed that the green belt developed by the proponent is not adequate. Hence the sub-committee instruct the proponent furnish the layout plan for the greenbelt area earmarked with GPS coordinates with maximum area on the periphery of the unit and the green belt area should be not less than 33% of the total land area of the project.

The Sub-Committee submit the inspection report to SEAC for the further course of action regarding the Proposal seeking Terms of Reference for the Proposed change in Product Mix within existing API Manufacturing Facility by M/s. Par Active Technologies Private Limited at Plot No. 16, 17, 31 & 32, SIDCO Pharmaceutical Complex, Alathur Village, Thiruporur Taluk, Kancheepuram District, Tamil Nadu.

The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to recommend for issue of


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Term of Reference to SEIAA subject to following additional ToR in addition with standard ToR .

- (i) The proponent shall form a Environmental Cell and furnish the detail along with EIA.
- (ii) The proponent shall furnish the record for the disposal of the Hazardous waste to M/s.TNWML for the last five years.
- (iii) The proponent shall plot the performance of the STP & ETP for last five years.
- (iv) The proponent shall furnish the layout plan for the greenbelt area earmarked with GPS coordinates with maximum area on the periphery of the unit and the green belt area should not be less than 33% of the total land area of the project.
- (v) The proponent shall furnish the proposal for CER as per the O.M of MoEF&CC dated 01.05.2018.

Agenda No.144- 27:


(File No. 6688/2018)

M/s. The India Cements Limited - Nanjankulam Regrouped Limestone mine, Extent - 7.330Ha - Ramayanpatti village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu Application submitted in MoEF&CC portal as per S.O.804(E) dated '14.03.2017 for Specific ToR - Request for seeking one month validation with already collected base line data .

The proponent M/s. The India Cements Limited has obtained ToR under Violation vide SEIAA LrNo. SEIAA-TN/F.No 6688/ Viotation/ ToR-674/ 2019 Dated: 19.12.2019 for the lime stone mining with Extent of 7.330Ha - Ramayanpatti village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu. Now the proponent has requested for seeking one month validation of already collected base line data vide letter dated 27.12.2019.

The proponent informed that the instant cases, base Line data already collected in March to May 2014 and enclosed copies of MoMs of EAC - Violation Committee dealt similar


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cases at MoEF&CC and directed to collect one month BLD for your ready reference and consideration.

The request letter of the proponent placed before the 144th SEAC meeting held on 17.02.2020. After the detailed deliberation the SEAC decided that the request of the proponent was not accepted since the baseline data are beyond 3 years and they need to use 3 months data for the EIA study, as per the EIA notification 2006 as amended.

Agenda No.144-TA- 28:

(File No. 6689/2019)


Exiting lime Stone quarrying lease over an extent of 28.430 Ha. S.F.No.380, 381, 383-386, 38811&3, 389-392, 510. 511. 513 & 514 of Ramayanpatti Village. Manur Taluk, Tirunelveli District. Tamil Nadu by M/s. India Cement Ltd, under Activity 1(a) - Mining of major mineral - ToR Issued under violation notification dated: 14.03.2017 & 14.03.2018 of MoEF & CC- Request for seeking one month validation with already collected base line data

The proponent M/s.The India Cements Limited has obtained ToR under Violation vide SEIAA LrNo. SEIAA-TN/F.No 6689/ Violation/ ToR-675/ 2019 Dated: 19.12.2019 for the lime stone mining with Extent of 28.43Ha -Ramayanpatti village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu . Now the proponent has requested for seeking one month validation of already collected base line data vide letter dated 27.12.2019.

The proponent informed that the instant cases, base Line data already collected in March to May 2014 and enclosed copies of MoMs of EAC - Violation Committee dealt similar cases at MoEF&CC and directed to collect one month BLD for your ready reference and consideration.

The request letter of the proponent placed before the 144th SEAC meeting held on 17.02.2020. After the detailed deliberation the SEAC decided that the request of the


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proponent was not accepted since the baseline data are beyond 3 years and they need to use 3 months data for the EIA study, as per the EIA notification 2006 as amended.

Agenda No.144-TA-29:

(File No. 6690/2019)

Existing Lime Stone quarrying lease over an extent of 29.895 Ha. S.F.No.110,172/1 &174 of Sethurayanpudur Village, Manur Taluk, Tirunelveli District. Tamil Nadu by M/s. India Cements Ltd, under Activity I(a) - Mining of major mineral - ToR to be issued under violation notification dated: 14.03.2017 & 14.03.2018 of MoEF & CC. Request for seeking one month validation with already collected base line data

The proponent M/s.The India Cements Limited has obtained ToR under Violation vide SEIAA LrNo. SEIAA-TN/F.No 6690/ Violation/ ToR-676/ 2019 Dated: 19.12.2019 for the lime stone mining with Extent of 29.895 Ha - S.F.No.110,172/1 &174 of Sethurayanpudur Village, Manur Taluk. Tirunelveli District. Tamil Nadu. Now the proponent has requested for seeking one month validation of already collected base line data vide letter dated 27.12.2019.

The proponent informed that the instant cases, base Line data already collected in March to May 2014 and enclosed copies of MoM of EAC - Violation Committee dealt similar cases at MoEF&CC and directed to collect one month BLD for your ready reference and consideration.

The request letter of the proponent placed before the 144th SEAC meeting held on 17.02.2020.After the detailed deliberation the SEAC decided that the request of the proponent was not accepted since the baseline data are beyond 3 years and they need to use 3 months data for the EIA study, as per the EIA notification 2006 as amended.


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Agenda No.144-30:

(File No. 6795/2019)

Proposed Rough stone and Gravel quarry over an extent of 4.62.50ha in S.F.Nos.1119, 1120/4B & 1121/4B at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by Thiru.P.Siddharthamouli- For Environmental Clearance.

(SIA/TN/MIN/37102/2019)

The proposal was placed in the 135th SEAC Meeting held on 06.09.2019. The project proponent gave detailed presentation and the SEAC noted the following:

1. The Proponent, Thiru. P. Siddharthamouli has applied for Environmental Clearance to SEIAA-TN for the proposed Gravel Quarry for over an extent of 4.62.50 Ha in S.F.Nos. 1119, 1120/4B & 1121/4B at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every six months and the report should be submitted to TNPCCB.
2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
3. A detailed study of the lithology of the mining lease area shall be furnished before placing SEIAA.


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4. Tmt. Chandra, Tmt. Jayalakshmi, Thiru. Siddharthamouli & Thiru. Srikanth (land owners) for the Proposed the lease agreement between Thiru. P. Siddharthamouli (proponent) for the Proposed Rough stone & Gravel quarry over an Extent of 4.62.50 ha in S.F.Nos. 1119, 1120/4B & 1121/4B at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector
5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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 monitored by the District Authorities.
9. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.

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13. The amount of Rs. 2.20 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of Library/sports/drinking water facilities in Govt School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

14. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site This details has to be submitted before placing the subject to SEIAA.

The above proposal along with the recommendation of the SEAC was placed before the 359th SEIAA meeting held on 06.11.2019. After detailed deliberation, the SEIAA decided that the project proponent may get the following information from the concern AD/DD Mines,

"Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

Sl.No.	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
a. Existing quarries				
1				


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2				
b. Abandoned quarries				
1				
2				
c. Proposed quarries				
1				
2				
Total extent				

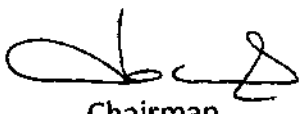
Further course of action will be taken on the proposal after receipt of the aforesaid details from the project proponent.

The proponent has submitted the above said details to 18. 11.2019 to SEIAA. The SEIAA has sent the proposal to SEAC to scrutiny reply submitted by the proponent.

The request letter of the proponent was placed in this 144th SEAC meeting held on 17.02.2020. while scrutiny the AD/DD mines letter, the SEAC noticed that one more proposed quarry in the name of S.Palaniswamy with extent of 3.0.36 is located within 500m radius . Hence the total area of the cluster of mines within 500m is more than 5Ha. Further the proponent has informed that the proponent S.Palaniswamy, S/oP.Siddharthamouli, rough stone and gravel quarry over an extent of 3.0.36Ha which is adjacent to the above mentioned lease area. Thiru Palaniswamy has only submitted the mining plan to AD mines office and not applied for Environmental Clearance due to financial constraints .Hence the proponent request to issue Environmental clearance.

After detail deliberation the SEAC decided that the proponent is request to apply for Terms of Reference.


Member Secretary


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