

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 181st State Expert Appraisal Committee (SEAC) held on 10th October 2020 (Saturday) for Appraisal of Building and Construction Projects, Synthetic organic chemical Industry & Mining Projects conducted through video conference

Agenda No. 181-01

(File No.7649/2020)

The Proposed API manufacturing plant at Naickenpatti, Madurai by M/S. ABHILASH CHEMICALS AND PHARMACEUTICALS PVT LTD (ACPPL), at SF.No. 34/3, 34/4, 34/5, 27/4, 28/8, 29/1, 29/2 and 31/3, Naickenpatti village, Madurai east, Madurai District– For Environmental Clearance

(SIA/TN/IND2/160130/2020, dated: 26.06.2020)

The project proposal was placed in 181st SEAC meeting on 10.10.2020 and the details furnished by the project proponent are given in the website of <http://parivesh.nic.in>.

SEAC noted the following:

1. The proponent M/S. ABHILASH CHEMICALS AND PHARMACEUTICALS PVT LTD has proposed to manufacture 3 products namely Metformin HCL, Lopinavir and Ritonavir totalling 715 MTPM at SF.No. 34/3, 34/4, 34/5, 27/4, 28/8, 29/1, 29/2 and 31/3, Naickenpatti village, Madurai east, Madurai District
2. The project/activity comes under 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.
3. The Project proponent submitted the application as per the Office Memorandum issued by MoEF & CC vides F.No.F.No.22-25/2020-IA.II dated: 13.04.2020 and as per S.O. 1223(E) dated: 27.03.2020 for the projects or activities in respect of 5

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(f) Active Pharmaceutical Ingredients (API) to appraise as Category 'B2' Projects. Further, MoEF&CC issued a clarification vide F.No.22-25/2020-IA.III dated 15.05.2020 that

“the all proposals for projects or activities in respect of Active Pharmaceuticals ingrates (API) received up to the 30th September 2020, shall be appraised, as category ‘B2’ which includes API proposals having concern over various ailments not limited to ailment of Novel Corona Virus (COVID -19) alone. However, the violation proposals shall not be considered under this Notification. “

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

1. The project proponent shall do the Stoichiometric analysis of all involved reaction to assess the possible emission of air pollutants in addition to the criteria pollutants, from the proposed project.
2. The project proponent shall furnish the effluent characteristics for the designing of the effluent treatment plant.
3. The project proponent shall furnish the details of the VOC emission and its analysis specific to individual VOCs.
4. The project proponent shall furnish the details of the source of raw material for briquette to be used for boilers.
5. The project proponent shall furnish the Raw materials used for the individual product along with its storage details
6. The proponent shall furnish the safety measures proposed for Solvent storage.
7. The proponent shall submit the Health hazard management and industrial hygiene assessment report carried out for the employees at the existing plant
8. The Proponent shall propose the scientific mode of disposal of spent solvents and detailed proposal for solvent recovery which is going to be exposed to atmosphere shall be furnished by the project proponent.
9. Analysis report of AAQ/stack/ANL survey conducted by TNPCB for the past 3

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years shall be furnished.

10. The green belt details submitted by the project proponent is not up to the minimum requirement, the project proponent should develop the greenbelt area at least 33% of in the total land area and earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site Green belt development and explore the possibility of Green Belt in the surrounding.

11. The details on the scientific methodology for the disposal of the salt.

12. The proponent shall furnish the CER proposal as per the MoEF&CC guidelines.

After the receipt of the above details, the project proponent shall re-present once again their case before the SEAC.

Agenda No: 181-02

File No: 7591/2020

Proposed construction of 570 flats for high-rise residential building by M/s. Tamil Nadu Housing Board - Special Project Division II, at S.F. No. 376/2, 378, 379Pt, 380Pt & 398 Pt of Nerkundram Village, Ambattur Taluk, Tiruvallur District, Tamil Nadu- For Environmental Clearance

(SIA/TN/MIS/157414/2020, dated: 13.06.2020)

The proposal was placed in the 174th SEAC Meeting held on 12.09.2020 and the details furnished by the project proponent are given in the website of <http://parivesh.nic.in>.

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Housing Board has applied for Environmental Clearance for the Construction project in S F Nos 376/2, 378, 379 Pt, 380Pt and 398 Nerkundram Village, Ambattur Taluk, Tiruvallur District.
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.

During the presentation, it was evident that the NABET consultant has not visited the

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site of the project and NABET consultant also accepted the same that he has not visited the project site. For assessment of environmental impacts, it is required that the consultant should visit the site to understand the environmental parameters related to the project site. Based on the observations made in the site visit only the consultant should prepare the full-fledged Environmental Management Plan (EMP). Hence, the SEAC unanimously decided to defer the proposal.

Based on the internal scrutiny of the file, the SEAC decided to direct the project proponent to furnish the following details;

1. The proponent shall revise the Water balance sheet according to the MoEF&CC guidelines.
2. Since, the Organic waste Generation is more than 1 T/day, the project Proponent shall adopt for Bio-methanation plant for the generation of energy from the Organic waste instead of OWC.
3. Location of the Sewage Treatment Plant (STP) shall be changed and the same should be earmarked in the layout plan since the STP location is adjacent to the canal.
4. The project proponent has to earmark the greenbelt area with dimensions 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.
5. The project proponent shall furnish the flood inundation details along with the NoC/recommendation certificate considering the 2015 flood, obtained from PWD.

On receipt of the above details, the SEAC decided to direct the proponent to make a presentation once again since the NABET consultant has not visited the project site.

The Project proponent furnished details to SEIAA-TN on 08.10.2020.

The Proposal was placed again in this 181st SEAC held on 10.10.2020. After detailed deliberations, SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to standard conditions stipulated by the MoEF&CC:

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1. The project proponent shall provide Sewage treatment plant & Grey water treatment system as reported and continuously operate and maintain Sewage treatment plant & Grey water treatment system to achieve the standards prescribed by the TNPCB/CPCB.
2. The project proponent shall obtain necessary permission from the competent Authority for disposal of the treated sewage of 155klD & 105klD of treated waste water from Sewage treatment plant & Grey water treatment plant for watering road side trees (avenue plantation) before obtaining consent from TNPCB.
3. It was reported that Bio-degradable waste of 711 Kg/day will be generated and treated through Organic waste converter & Non-Biodegradable waste of 1067 kg/day will be disposed to Authorized Recyclers. Hence, the project proponent shall re-verify the Bio degradable waste quantity generated and the project Proponent shall adopt for Bio Methanation plant of adequate capacity for the treatment for the disposal of the Organic waste instead of OWC.
4. All the mitigation measures committed by the proponent for the flood management, Evacuation plan, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
5. 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.
6. The project proponent shall provide entry and exit points for the OSR area, Community Hall, Sports facility as per the norms for the public usage as committed.
7. The project proponent shall strictly follow the conditions imposed in the PWD inundation certificate issued vide Letter. No. DB/T5(3)/F.NOC- Nerkundaram TNHB/2020/ dated 17.09.2020.
8. The height of the stacks of DG sets shall be provided as per the CPCB norms.
9. The proponent shall develop the greenbelt as per the layout submitted to the SEIAA -TN with the details of earmarked greenbelt area with dimension and GPS

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coordinate 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 as agreed.

10. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
11. No waste of any type to be disposed-off in any other way other than the approved one.
12. The project proponent shall submit the CER proposal as per the MoEF&CC guidelines before placing the subject to SEIAA.

Agenda No. 181-03

(File No.7625/2020)

Proposed Construction project in S.F.Nos. 99/7 of Keerapakkam Village,VandalurTaluk, Chengalpattu District, Tamil Nadu by M/s.Tamilnadu Slum Clearance Board – For Environmental clearance

(SIA/TN/NCP/159285/2020, dated: 20.06.2020)

The proposal was placed in the 172nd SEAC Meeting held on 05.09.2020 and the details furnished by the project proponent are given in the website of <http://parivesh.nic.in>.

SEAC noted the following:

1. The Proponent, M/s.TamilNadu Slum Clearance Board has applied for Environmental Clearance for the Construction project in S.F.Nos. 99/7 of Keerapakkam Village Vandalur Taluk, Chengalpattu 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.

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 was directed to furnish the revised water balance sheet as per the

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guidelines for buildings issued by MoEF&CC.

2. A detailed storm water plan to drain out the water coming into the site during heavy rainy period from site shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development.
3. Details of Rainwater harvesting system proposed should be furnished.
4. The proponent shall furnish the detail study on the water bodies such as river, odai, canal, etc.in and around the project site.
5. The project proponent should submit the proposal for the CER as per the office memorandum of MoEF& CC dated 01.05.2018.
6. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.

SEAC decided that on receipt of the above details, the proponent would make a presentation for further consideration of the proposal.

The project proponent furnished details to SEIAA-TN on 02.10.2020.

The Proposal was placed again in the 181st SEAC held on 10.10.2020. After detailed deliberations, SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to standard conditions stipulated by the MoEF&CC:

1. The project proponent shall provide Sewage treatment plant& Grey water treatment system as reported and continuously operate and maintain Sewage treatment plant&Grey water treatment system to achieve the standards prescribed by the TNPCB/CPCB.
2. The project proponent shall obtain necessary permission for disposal of the treated sewage of 363 kLD& 281 kLD of treated waste water from Grey water treatment plant for Avenue Plantation before obtaining consent from TNPCB.
3. The Bio-degradable waste of 3328 Kg/day will be generated and treated through Bio Methanation plant & Non-Biodegradable waste of 2243 kg/day will be disposed

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to Authorized Recyclers as reported.

4. The project proponent shall strictly follow the conditions imposed in the PWD inundation certificate issued vide Letter. No. Ko.99/ (TNSCB)/2020/dated 05.10.2020.
5. The proponent shall develop the greenbelt as per the layout submitted to the SEIAA -TN with the details of earmarked greenbelt area with dimension and GPS coordinate 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 as agreed.
6. All the mitigation measures committed by the proponent for the flood management, Evacuation plan, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
7. 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.
8. The project proponent shall provide entry and exit points for the OSR area and OSR area shall be in one place.
9. The height of the stacks of DG sets shall be provided as per the CPCB norms.
10. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
11. No waste of any type to be disposed-off in any other way other than the approved one.
12. The project proponent shall submit the CER proposal as per the MoEF&CC guidelines before placing the subject to SEIAA.

Agenda No: 181– 04

File No.7107/2019

Proposed Rough stone quarry over an extent of 2.00.0 ha in S.F.No. 294(Part-1)

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(Govt Poramboke Land) of Royandapuram Village, Tiruvannamalai Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. M. Veeramani– For Environmental Clearance.

(SIA/TN/MIN/40952/2019, dated: 09.08.2019)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. M. Veeramani, has applied for Environmental Clearance for the proposed Rough stone quarry over an extent of 2.00.0Ha in S.F.Nos. 294(Part-1) (Govt Poramboke Land) of Royandapuram Village, Tiruvannamalai Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. It is a Government Tender lease for a period of 10 Years. Lease was executed on 24.5.2012 for 10 Years (24.05.2012 to 23.05.2022).

Based on the presentation made and the documents furnished by the proponent, after detailed deliberation, SEAC decided to recommend the project proposal for grant of Environmental Clearance to SEIAA for restricting the ultimate depth of 5 m and mined quantity of 54,450 m³ of rough stone for remaining lease period up to 23.05.2022 with a bench height of 5 m as per approved mining plan as agreed by the project proponent subject to the following conditions in addition to normal conditions:

1. Groundwater level and quality should be monitored once in six months in the surrounding wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB.
2. After mining is completed, proper leveling should be done by the Project proponent and the Environmental Management Plan furnished by the Proponent should be

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strictly followed.

3. The proponent should erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Proper barrier to reduce noise level, dust pollution and to arrest all fly material (debris) by providing green belt and/or metal sheets along the boundary of the quarrying site and adopting suitable working methodology by considering site specific micro-meteorological conditions.
5. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining and other areas disturbed due to their mining activities and restore the land to condition fit for growth of fodder, flora, fauna etc
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried well before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
11. 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.

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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).

12. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
13. To ensure safety measures along the boundary of the quarry site, security guards to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activity.
15. The amount of Rs. 1.5 Lakhs shall be utilized as CER activities to carry out the work for providing the smart class (LED projector with computer facilities), Sanitation facilities & drinking water facilities for Royandapuram Government middle school as committed by the project proponent before obtaining the CTO from TNPCB.

Agenda No: 181– 05

File No.7301/2019

Proposed Rough stone & Gravel quarry over an extent of 1.39.0 ha in S.F.No. 68/1(P) of Sanankulam Village, VembakottaiTaluk, Virudhunagar District, Tamil Nadu by Thiru. M.Nagajothi– For Environmental Clearance.

(SIA/TN/MIN/139024/2020, dated: 27.11.2019)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. M.Nagajothi, has applied for Environmental Clearance for the proposed Rough stone quarry over an extent of 1.39.0 ha in S.F.Nos. 68/1(P) of Sanankulam Village, VembakottaiTaluk, VirudhunagarDistrict, Tamil Nadu.

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

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided noted that around 122 wells were present within 1 km radius from the mining lease area. It was ascertain that mining activity may have the impact on the water table nearby. Hence, it was decided that a detailed study shall be carried out by a reputed Government institutions such as IIT,NIT, Anna University, as mining of 50 m depth will have substantial impact on the water table nearby.

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

Agenda No. 181-06

(File No.7493/2020)

Proposed Construction of additional & alteration in the existing residential cum commercial building into hospital in S.F.Nos. 18/2B1A, 18/2B2, 22/1A1A, 22/2A, 22/2B & 22/2C Kovilambakkam Village, TambaramTaluk, Chengalpattu District by M/s.Virgo Realtors Pvt Ltd.

(SIA/TN/MIS /146384/2020, dated: 29.02.2020)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s.Virgo Realtors Pvt Ltd., has applied for Environmental Clearance for the Construction project of additional & alteration in the existing residential cum commercial building into hospital in S.F.Nos. 18/2B1A, 18/2B2, 22/1A1A, 22/2A, 22/2B & 22/2C Kovilambakkam Village, TambaramTaluk, Chengalpattu District.

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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.

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 submit the necessary permission obtained from the competent Authority for the supply of fresh water.
2. What is the Status of habitant already booking the house for the residential purpose?
3. The proponent shall furnish the guidelines & measures adopted for settling up of Radiology lab at the proposed hospital facility.
4. The proponent shall furnish the treatment design of the proposed ETP based on the primary data and its characterization.
5. The proponent shall submit the No objection certificate obtained from the Airport Authority of India for the height Clearance.
6. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the Emission, Noise and Traffic.
7. Details of the Lithology of the proposed construction area shall be furnished.
8. Details of the flood and storm water management along with detailed plan for people evacuation plan in case of emergency.

After the receipt of the above 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. The committee decided to consider the file for the further course of action after submitting the inspection report of the sub-committee.

Agenda No: 180– 07

File No.7760/2020

Proposed Sand quarry in Coleroon river bed in S.F.No. 120(P) over an extent of 4.94.0

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ha in Omampuliyur Village, Kattumannarkovil Taluk, Cuddalore District, Tamil Nadu by the Executive Engineer, PWD/WRD– For Environmental Clearance.

(SIA/TN/MIN/167110/2020, dated: 17.08.2020)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, Executive Engineer, PWD/WRD, has applied for Environmental Clearance for the proposed Sand quarry in Coleroon river bed in S.F.No. 120(P) over an extent of 4.94.0 ha in Omampuliyur Village, Kattumannarkovil Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided that the project proponent shall furnish the details of contour level mapping for the above said site with the measurement of Sholes and sand present. The proposal was to carry out the mining 1m below the existing levels and without the existing contour map it is very difficult to assess the quantum of sand mining as well as the impact on the surrounding environment.

After the receipt of the above details, the project proponent shall re-present their case before the SEAC.

Agenda No. 181-08

(File No.7860/2020)

Proposed Construction of New Life Celebration Center includes 7 blocks at T.S No. 8,11,12,14,15,23 to 28,30 to 34,49,55,57 to 73 of block 29 & T.s No.38 to 51,52 to 56,57/1,69/4,73 to 75,76/2,77/2,78/2 Ward C of Block No 26 of Zamin Pallavaram,

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**Tambaram Taluk, Kanchipuram District by M/s. New Life Assembly of God Community
(SIA/TN/MIS /172029/2020, dated: 08.09.2020)**

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent M/s. New Life Assembly of God Community has applied for Environmental Clearance for the Proposed Construction of New Life Celebration Center includes 7 blocks at T.S No. 8,11,12,14,15,23 to 28,30 to 34,49,55,57 to 73 of block 29 & T.s No.38 to 51,52 to 56,57/1,69/4,73 to 75,76/2,77/2,78/2 Ward C of Block No 26 of Zamin Pallavaram, Tambaram Taluk, Kanchipuram District.
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.

Based on the presentation made by the proponent and the documents furnished, after detail deliberation, the SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to standard conditions stipulated by the MoEF&CC;

1. The project proponent shall obtain necessary permission from competent Authority for the supply of fresh water before pp before applying for CTO from TNPCB.
2. The Project Proponent shall continuously operate and maintain Sewage treatment plant to achieve the standards prescribed by the TNPCB/CPCB.
3. All the mitigation measures committed by the proponent for the flood management, Evacuation plan, 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

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solar energy should be utilized maximum for illumination of common areas, street lighting etc.

5. The project proponent shall provide entry and exit points for the OSR area.
6. The project proponent shall strictly comply the conditions stipulated in the lease agreement bearing No.2 LPB/15-16 made with the PWD for construction and maintenance of the Two Culverts across the Channel in S F No.94/10 running in between the applicant land situated in S F No. 94/7C and 95/2, 3,4 & 5 of Pudu vazhvu Kondatta Maiyam Campus, Zamin Pallavaram, Kanchipuram District
7. The height of the stacks of DG sets shall be provided as per the CPCB norms.
8. The proponent shall develop the greenbelt as per the layout submitted to the SEIAA -TN with the details of earmarked greenbelt area with dimension and GPS coordinate 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.
9. No waste of any type to be disposed-off in any other way other than the approved one.
10. The project proponent shall submit the CER proposal as per the MoEF&CC guidelines before placing the subject to SEIAA.

Agenda No: 181– 09

File No.7662/2020

Proposed Rough stone quarry over an extent of 0.47.0 ha in S.F.No. 11/3B of Perundurai Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu by Thiru. P.Senthilkumar– For Environmental Clearance.

(SIA/TN/MIN/164037/2020, dated: 17.07.2020)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, Thiru. P. Senthilkumar, has applied for Environmental Clearance

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for the proposed Rough stone quarry over an extent of 0.47.0 ha in S.F.No. 11/3B of Perundurai Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu.

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

Based on the presentation made and the documents furnished by the project proponent SEAC, decided to recommend the proposal for grant of Environmental Clearance to SEIAA for restricting the ultimate depth of 20 m below the ground level and quantity of 30,985m³ of rough stone for five years with a bench height of 5 m as per the approved mining plan considering the hydro geological regime of the site, subject to the following conditions in addition to normal conditions;

1. Groundwater level and quality should be monitored once in six months in the surrounding wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB
2. After mining is completed, proper leveling should be done by the Project proponent and the Environmental Management Plan furnished by the Proponent should be strictly followed.
3. The proponent should erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. The Project proponent shall, after ceasing mining operations, undertake re- grassing the mining and other areas disturbed due to their mining activities and restore the land to condition fit for growth of fodder, flora, fauna etc
5. Proper barrier to reduce noise level, dust pollution and to arrest all fly material (debris) by providing green belt and/or metal sheets along the boundary of the quarrying site and adopting suitable working methodology by considering site specific micro-meteorological conditions.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.

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7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried well before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
11. 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).
12. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable should be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
13. To ensure safety measures along the boundary of the quarry site, security guards to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent should be strictly followed after the lapse of the mine.
15. The amount of Rs.1,00,000/- shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Perundurai Village Government School as committed by the project proponent before obtaining the CTO from TNPCB.

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16. All the conditions imposed in the precise area communication issued by District collector, Pudukkottai vide Rc.No. 378/2014(G&M), Dated: 11.03.2020 should be strictly followed.
17. All the conditions imposed in the mining plan approval by Deputy Director, Department of Geology and Mining, Pudukkottai vide Rc.No. 378/2014(G&M), Dated: 10.06.2020., should be strictly followed.

Agenda No: 181– 10

File No.7714/2020

Proposed Multicolour Granite quarry over an extent of 4.32.0 ha in S.F.No. 100/1(Part) & 101/2A(Part) of Duraisampuram Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu by Tmt.T.Ranjitham– For Environmental Clearance.

(SIA/TN/MIN/166611/2020, dated: 06.08.2020)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, Tmt. T. Ranjitham, has applied for Environmental Clearance for the proposed Multicolour Granite quarry over an extent of 4.32.0Ha in S.F.No. 100/1(Part) & 101/2A(Part) of Duraisampuram Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

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

1. Groundwater level and quality should be monitored once in six months in the

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surrounding wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB

2. After mining is completed, proper leveling should be done by the Project proponent and the Environmental Management Plan furnished by the Proponent should be strictly followed.
3. The proponent should erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. The Project proponent shall, after ceasing mining operations, undertake re- grassing the mining and other areas disturbed due to their mining activities and restore the land to condition fit for growth of fodder, flora, fauna etc
5. Proper barrier to reduce noise level, dust pollution and to arrest all fly material (debris) by providing green belt and/or metal sheets along the boundary of the quarrying site and adopting suitable working methodology by considering site specific micro-meteorological conditions.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried well before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
11. The recommendation for the issue of environmental clearance is subject to the outcome

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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).

12. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable should be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
13. To ensure safety measures along the boundary of the quarry site, security guards to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent should be strictly followed after the lapse of the mine.
15. The project proponent shall submit the CER proposal as per the MoEF&CC guidelines before placing the subject to SEIAA.
16. The project proponent shall provide the garland drain in the mining lease area and should not disturb the canal originating from the area.

Agenda No: 181– 11

File No.7768/2020

Proposed Rough stone & Gravel quarry over an extent of 1.55.5 ha in S.F.No. 520/3A1 & 521/5 of Viralipatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru. G.Vadivelu– For Environmental Clearance.

(SIA/TN/MIN/168200/2020, dated: 15.08.2020)

The proposal was placed in the 181st SEAC Meeting held on 10.10.2020. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, Thiru. G.Vadivelu, has applied for Environmental Clearance for

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the proposed Rough stone & Gravel quarry over an extent of 1.55.5 ha in S.F.No. 520/3A1 & 521/5 of Viralipatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu.

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

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC noted that Periyar Main Canal is located at 200 m in Southern side, Vaigai River is located at 500m in Southern side & Odai passing on the western side of the lease applied area. Further, the mining to an ultimate depth of 43 m will impact the agricultural activity nearby the mining lease area and further, it is ascertained that mining activity will have impact water bodies said above.

Hence, it was unanimously decided that the above said proposal is rejected for the above said reasons.

Agenda No: 181-TA-01

(File No: 7719/2020)

Formation of flood carrier canal from Cauvery (Kattalai) to South Vellar river (phase 1 project) to divert the flood water for sustaining drinking water needs and recharging ground water in the drought prone areas of Karur, Tiruchirappalli and Pudukottai Districts by pumping in the state of Tamil Nadu by the Superintending Engineer, Public Works Department– For Terms of Reference

(SIA/TN/RIV/55168/2020, dated: 30.07.2020)

The proposal was placed in this 181st SEAC Meeting held on 10.10.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, the Superintending Engineer, Public Works Department has applied for

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Terms of Reference for the formation of flood carrier canal from Cauvery (Kattalai) to South Vellar river to divert the flood water for sustaining drinking water needs and recharging ground water in the drought prone areas of Karur, Tiruchirappalli and Pudukottai Districts by pumping in the state of Tamil Nadu.

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

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing subject to the following specific conditions in addition to the points mentioned in the standard Terms of Reference for conducting environment impact assessment study for River valley projects and information to be included in EIA/EMP report issued by the MoEF& CC:

1. The proponent shall submit the copy of approved DPR with plans in colour.
2. Study on the Lithology of the project site shall be furnished.
3. Details of animal corridor, wild life, forest land in the alignment of pipelines/nearby features, if any within 10 km radius from the project site.
4. Risk analysis and management strategies including water hammer analysis for the pipeline network.
5. Standard Operating Procedure for operation of pumps.
6. Plan towards compensation working and fund allocation for the private lands in the alignment.
7. Detailed calculation of Benefit Cost Ratio.
8. Detailed calculation of command area under the scheme (undertaking shall be submitted for the command area).
9. Detailed Environment Management Plan (on Water Environment, Air Environment, Noise Environment, Flora & Fauna, Occupational health & Safety).

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10. Status of NOC from Railway department and Highway department or any other statutory Clearance required for the proposed project. If required
11. A study on the assessment of impacts of the diversion of the flood carrier canal from Cauvery (Kattalai) to South Vellar River on the environment, recharge etc., especially on the southern side of the Cauvery River.
12. Detail of the recharge Shaft nearby the canal shall be demarcated in the layout plan.
13. Design details of the proposed project.
14. The impacts on EIA study shall be elaborated with research studies / simulations as follows:
 - i) impact on the nearest habitations importantly Social impact Assessment
 - ii) Stream crossings- impact on the hydraulics and geology of the streams.
 - iii) Agricultural land- impact on agricultural product and social impact assessment.
 - iv) Trees along the alignment
 - v) Land use changes which will have impact on the environment.
15. Detail study on the trees (like name of the species, age etc) shall be furnished. The detailed plan for transplantation of trees instead of cutting the trees. The transplantation cost provision with budgetary allocation shall be spelt out in the EIA report, with details about the agency to undertake tree transplantation.
16. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone. Accordingly, project proponent shall submit the CER activities along with EIA report.

It was decided to take the remaining 5 proposals scheduled today to next SEAC meeting due to shortage of timing.

Finally, the meeting ended at 8.30 P.M. with the thanks to the Chair.

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