

**MINUTES**

**694<sup>th</sup> MEETING**

**STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY-TAMIL NADU**

**Date: 12.02.2024**

**MINUTES OF THE 694<sup>th</sup> MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY HELD ON 12.02.2024.**

<b>Agenda No</b>	<b>Description</b>	<b>File No.</b>	<b>Minutes</b>
a)	Confirmation of the minutes of the 693 <sup>rd</sup> meeting of the Authority held on 08.02.2024.		The minutes of the 693 <sup>rd</sup> meeting of the Authority held on 08.02.2024 was confirmed.
b)	The Action taken on the decisions of the 693 <sup>rd</sup> meeting of the Authority held on 08.02.2024.		The Member Secretary informed that 693 <sup>rd</sup> Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Integrated 4GW Solar cell and Module Manufacturing plant at SF. Nos: 1641 pt, 1474 pt, 1475, 1476, 1477 pt, 1478 pt, 1479, 1480, 1481 pt, 1495 pt, 1642 pt, 1901 pt, 1903 pt, 1904 pt, 1905 pt, 1906 pt, 1907 pt, 1908, 1909, 1910 pt, 1911, 1912 pt, 1913 pt, 1914 pt, 1915 pt, 1916 pt, 1917 pt, 1922 pt, 1923 pt, 1924 pt, 1925 pt, 1926 pt, 1927 pt, 1931 pt, 1919 pt, 1921 pt (Plot No. A104, A105, A106, A107 & A108, A109) at SIPCOT Industrial park of Gangaikondan Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by M/s. TP Solar Limited- For Terms of Reference. (SIA/TN/INFRA2/454338/2023)	10573	The Authority noted that the subject was appraised in the 437 <sup>th</sup> Meeting of SEAC held on 04.01.24. The SEAC noted the PP requested for additional time. Hence the Committee decided to defer the proposal. In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent held on 04.01.24.
2.	Proposed Rough Stone and gravel quarry lease over an extent 4.36.5 Ha at S.F.No.293/1 (P), 293/3(P) 293/4(P), 294/2B & 295/1 (P) of	9561	The authority noted that the subject was appraised in the 437 <sup>th</sup> SEAC meeting held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

	<p>Karudayampalayam Village, Pugalur Taluk, Karur District, Tamil Nadu by M/s. Sri Ganeshmurugan Blue Metals - For Environmental Clearance. (SIA/TN/MIN/450375/2023)</p>		<p>stated therein.</p> <p>The authority, during deliberations, noted from the documents uploaded in the PARIVESH Portal that nearly 50% of the public who attended the Public Hearing held on 25.08.2023 have expressed concern over loss of life, livelihood, insecurity and risk due to open mine blasting. The proponent has given some casual remarks which does not include serious mitigation strategies with relevance to sudden accidents and associated risks. Further, the disaster management plan submitted doesn't address the above mentioned concerns raised in the Public Hearing. Besides threat to human life, many people have expressed concern towards the impact on school going children, security to constructed houses and livestock. Hence, the authority decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <p>i) A comprehensive study conducted by a reputed institution (other than the EIA Consultant) on risk and the related mitigation to people and life shall be furnished.</p> <p>On receipt of the same, further deliberations shall be done.</p>
3.	<p>Proposed Rough Stone and gravel quarry lease over an extent 2.10.5 Ha at S.F.Nos.16/6, 16/7, 16/9 &amp; 16/10 of Thollamur Village, Vanur Taluk, Villupuram District, Tamil Nadu by Thiru. G. Arjunan - For Environmental Clearance.</p>	9772	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the</p>

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

(SIA/TN/MIN/450434/2023)

safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 2,66,415m<sup>3</sup> of rough stone and 1,14,764m<sup>3</sup> of gravel up to the depth of 22m below ground level and the annual peak production should not exceed 71,400m<sup>3</sup> of rough stone. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.

5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.
6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.
7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.
8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
9. The amount allocated for EMP should be kept in a separate account and both the capital and

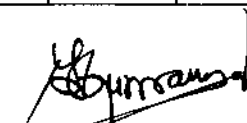
  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

			recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
4.	Proposed Rough Stone and gravel quarry lease over an extent 4.74.50 Ha at S.F.No.223/1, 223/2, 224, 225/1 and 225/2 of Periyavenmani Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu by M/s. PCS Industries Limited - For Environmental Clearance. (SIA/TN/MIN/450473/2023)	9814	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. Based on the presentation made by the proponent and the KML file uploaded in the PARIVESH Portal, the Committee has observed the following features:</p> <ul style="list-style-type: none"> <li>i. The proposed mine lease is located surrounded by the lake/water bodies.</li> <li>ii. The proposed area seems to be already mined out by removing the top layer comprises of gravel formation.</li> <li>iii. The Hydrological study report prepared by the Dept of Geology, V.O. Chidambaram College, Thoothukudi was submitted by the PP and it states that  <i>"...Unconsolidated &amp; Semi-consolidated formations and Weathered, Fissured and Fractured rocks constitute the important aquifer systems in the area...."</i>  <i>"...Weathered, a fissured crack, shear zones and joints in the basement rock act as a good groundwater potential zone in the study area. The study area falls in the Maduranthagam block which is categorized as over-exploited zone as per G.O (MS) No 113 dated 09.06.2016...."</i> </li> </ul>

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

*"...The rainwater captured during the rainy seasons are not in filtered / percolated in to the subsurface formations due to impermeable nature of the fresh/massive charnockitic formations...."*

*"...Based on geophysical study there is no observation of fractured zone/ fissure vein up to 60m of the study area. Hence, the quarrying rough stone for a depth of up to 60 meters from ground level will not have much impact in the area over groundwater conditions..."*

iv. The AD (Geology and Mining) vide his letter Rc. No. 588/Q3/2018, dated. 21.12.2023 has stated that

*"...the records available in this office has been examined and found that the lease applied area in S.F. Nos. 223/1 (1.45.00), 223/2 (1.31.00), 224 (0.70.00), 225/1 (0.61.00) and 225/2 (0.67.50) over an extent of 4.74.50 Hectares of patta land in Periyavenmani village, Maduranthagam Taluk, Chengalpattu District is Virgin land and no quarrying pit was found during as per the approval Mining Plan..."*

Hence the Committee decided to request the SEIAA to write to the concerned AD (Mines) with a copy forwarded to the Commissioner of Geology and Mining, Chennai stating that the AD (Mines) shall inspect the site physically and furnish the following:

- (i) The details on the existing site conditions and particulars of earlier quarrying

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

			<p>operations to justify whether the site is fit for carrying out the quarrying operations in such vulnerable conditions.</p> <p>(ii) Existing pit dimension of the existing quarry against the Original dimension as specified precise area communication letter.</p> <p>(iii) Quantity of material mined out outside the mine lease area (or) in the adjacent quarry/land.</p> <p>(iv) Existing condition of Safety zone/benches as proposed in the approved Mining Plan.</p> <p>(v) Details of any penalties levied on the PP for any violation in the quarry operation by the Department of Geology and Mining.</p> <p>The Authority, after deliberations, decided to request MS-SEIAA to write a letter to AD (Mines) with a copy marked to Commissioner of Geology and Mining as requested by SEAC.</p> <p>Further, the authority noted that the hydrogeological report submitted by the proponent is generic and does not address major concerns. Hence, the proponent shall furnish a detailed hydrogeological report on impact and implications of proposed mining activity on the nearby water bodies situated within 500m radius from the project site. The study shall be conducted through reputed organisations like IIT or NIT or NEERI.</p>
5.	Proposed Rough Stone quarry lease over an extent of 1.76.5Ha at SF. Nos. 260/1A1, 260/1B1, 260/1C1 & 260/1D1 of Pachapalayam Village, Sulur Taluk, Coimbatore District,	8805	The authority noted that the subject was appraised in the 437 <sup>th</sup> SEAC meeting held on 04.01.24. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN




Tamil Nadu by Tmt. G. Jagadeeswari - For Environmental Clearance.  
(SIA/TN/MIN/452261/2023)

After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects, and to ensure sustainable, scientific and systematic mining, SEIAA decided to grant Environmental Clearance for the quantity of **60,710m<sup>3</sup> of Rough stone up to the depth of mining 50m BGL and the annual peak production should not exceed 12,220m<sup>3</sup> of Rough stone.** This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 year and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

- should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.
5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.
  6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.
  7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.
  8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
  9. The amount allocated for EMP should be kept in a separate account and both the capital and

  
MEMBER SECRETARY

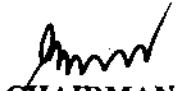
  
MEMBER

  
CHAIRMAN  
SEIAA-TN

			recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
6.	Proposed Rough Stone & Gravel quarry lease over an extent of 4.38.0Ha at SF.Nos. 467/2, 3, 477/3,4,5 & 468/1 of A.P.Nadanur Village, Alangulam Taluk, Tenkasi District, Tamil Nadu by Thiru M.Mohamad Ismail - For Environmental Clearance. (SIA/TN/MIN/448951/2023)	9520	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.24. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>In view of the above, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action.</p> <ol style="list-style-type: none"> <li>1. The kml file was not viewable. Hence the PP shall upload correct viewable kml file in Parivesh portal.</li> <li>2. The PP furnish a study on impact of mining on Agriculture activities around.</li> <li>3. The PP furnish a study on impact of mining on ground water table and drainage pattern.</li> </ol> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
7.	Proposed Multi Colour Granite quarry lease over an extent of 2.65.0Ha at SF.Nos. 417/2, 417/5, 417/7(P) & 454/2 of K.Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu M/s.	9654	<p>The authority noted that this proposal was placed for appraisal in 437<sup>th</sup> meeting of SEAC held on 04.01.24. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p>

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

Dahlia Granites Private Limited -  
For Environmental Clearance.  
(SIA/TN/MIN/450395/2023)

After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 13,819m<sup>3</sup> of Multi-colour Granite @ Recovery 60% up to the depth of mining 25m BGL and the annual peak production should not exceed the quantity of 2,822m<sup>3</sup> of Multi-colour Granite @ Recovery 60% as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

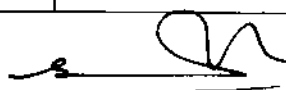
1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 year and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

- |  |  |  |   |
|--|--|--|---|
|  |  |  | <ol style="list-style-type: none"><li>4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA &amp; IRO of MoEF&amp;CC once in every 6 months.</li><li>5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA &amp; IRO of MoEF&amp;CC.</li><li>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA &amp; IRO of MoEF&amp;CC.</li><li>7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA &amp; IRO of MoEF&amp;CC.</li><li>8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module</li></ol> |
|--|--|--|---|



MEMBER SECRETARY



MEMBER



CHAIRMAN  
SEIAA-TN

			<p>in the PARIVESH Portal from the respective login.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>10. The project proponent shall store/ the granite waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.</p>
8.	<p>Proposed Rough Stone and Gravel quarry lease area over an extent of 1.62.0 Ha at S.F.No. 457/5 of Melathattapparai Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by Tmt. P. Ananthammal - For Environmental Clearance. (SIA/TN/MIN/452915/2023)</p>	9156	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,55,120 m<sup>3</sup> of Rough Stone and 20,592 m<sup>3</sup> of Gravel up to the ultimate depth of 37m (2m Gravel + 35m Rough Stone) below ground level and the annual peak production should not exceed 32,830 m<sup>3</sup> of Rough Stone (3<sup>rd</sup> year) and 9048 m<sup>3</sup> of Gravel (1<sup>st</sup> year). This is also subject to the conditions imposed by SEAC, normal conditions</p>

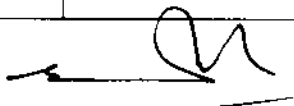
  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.
5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

			<p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA &amp; IRO of MoEF&amp;CC.</p> <p>7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA &amp; IRO of MoEF&amp;CC.</p> <p>8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
--	--	--	--



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**



			10. The proponent shall take mitigation measures for all the suggestions made by the Public.
9.	Proposed Rough Stone and Gravel quarry lease over an extent of 3.87.0 Ha at S.F.Nos. 429/1A, 429/2A and 429/2B of Kattalankulam Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by Thiru. S. Ramachandran - For Environmental Clearance. (SIA/TN/MIN/450412/2023)	9032	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 7,18,880 m<sup>3</sup> of rough stone &amp; 63840 m<sup>3</sup> of Gravel up to the depth of 42m and the annual peak production should not exceed 1,74,840m<sup>3</sup> of rough stone. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&amp;CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.</li> </ol>


  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

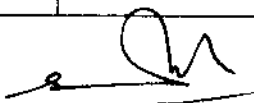
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.
5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.
6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.
7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.
8. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the

  
**MEMBER SECRETARY**

  
**MEMBER**

  
**CHAIRMAN  
SEIAA-TN**

			<p>Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
10.	<p>Proposed Rough stone quarry lease over an extent of 4.60.0 Ha at S.F.No. 420 (Part 3) of Thuppuganapalli Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. Sumukha Blue Metals &amp; Blocks LLP - for Environmental Clearance. (SIA/TN/MIN/449485/2023)</p>	9544	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. Based on the presentation and documents furnished by the project proponent, SEAC decided to obtain the following details from the PP.</p> <p>1. The bench height 7m shall be modified to the bench height of not more than 6 m under the provisions of MMR 1961 and the Project Proponent shall accordingly furnish the Modified mining plan duly approved by the competent authority, by maintaining benches of appropriate geometry with an ultimate depth not exceeding 50 m.</p> <p>On receipt of the above details, the SEAC would further deliberate on this project and decide the further course of action. Hence, the Proponent is</p>



MEMBER SECRETARY



MEMBER



CHAIRMAN  
SEIAA-TN

			<p>advised to submit the additional documents/information as sought above within the period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.</p> <p>In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 04.01.2024.</p>
11.	<p>Proposed Rough Stone &amp; Gravel quarry lease over an extent of 4.95.0Ha in S.F.Nos.451 (P), 452 (P) &amp; 453 (P) Kattalangulam Village, Thoothukudi Taluk, Thoothukudi District Tamil Nadu by M/s. Golden Blue Metals Pvt Ltd – For Environmental Clearance. (SIA/TN/MIN/450232/2023)</p>	9059	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> meeting of SEAC held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the production quantity of 1,66,086 m<sup>3</sup> Rough Stone and 71994 m<sup>3</sup> Gravel and the annual peak production shall not exceed 243600 m<sup>3</sup> of Rough Stone, &amp; 28054m<sup>3</sup> of Gravel and restricting the ultimate depth of mining of upto 40m BGL. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&amp;CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> </ol>

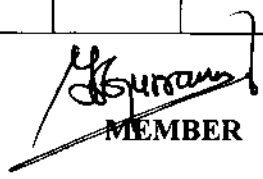
  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

		<ol style="list-style-type: none"> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.</li> <li>3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&amp;CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made</li> </ol>
--	--	---

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

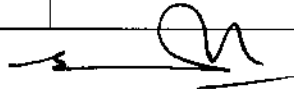
			<p>under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall utilize the Topsoil/Weathered rock for the progressive/final mine closure plan.</p>
12.	<p>Proposed Rough Stone quarry lease over an extent of 2.95.0Ha in S.F.No. 637(p) and 4(p), (Government Poramboke Land) Thuppuganapalli &amp; Agaram Agraharam Village, Shoolagiri Taluk, Krishnagiri, Tamil Nadu by M/S.Sri Vari Infrastructure-ForEnvironmental Clearance. (SIA/TN/MIN/450062/2023)</p>	9185	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> meeting of SEAC held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the production quantity of 6,55,497 m<sup>3</sup> Rough Stone and the annual peak production shall not exceed 1,92,556 m<sup>3</sup> of Rough Stone and restricting the ultimate depth of mining of upto 56m (25m AGL&amp; 31mBGL). This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&amp;CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB</li> </ol>

  
MEMBER SECRETARY

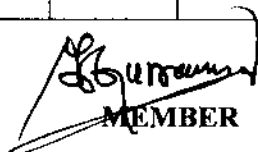
  
MEMBER

  
CHAIRMAN  
SEIAA-TN

			<p>on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.</p> <ol style="list-style-type: none"> <li>3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&amp;CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also</li> </ol>
--	--	--	--



**MEMBER SECRETARY**

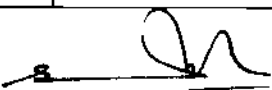


**MEMBER**



**CHAIRMAN  
SEIAA-TN**

			<p>should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall utilize the Topsoil/Weathered rock for the progressive/final mine closure plan.</p>
13.	Proposed Rough Stone and Gravel Quarry lease over an extent of 2.45.5Ha S.F.No.3, Surandai Part-I Village, V.K.Pudur Taluk, Tenkasi District by Thiru.K.Arumugasamy - For Environmental Clearance. (SIA/TN/MIN/448969/2023)	9608	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> meeting of SEAC held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the production quantity of 2,83,500 m<sup>3</sup> Rough Stone and 38400 m<sup>3</sup> Gravel and the annual peak production shall not exceed 77700 m<sup>3</sup> of Rough Stone &amp; 19200 m<sup>3</sup> Gravel and restricting the ultimate depth of mining of upto 42m BGL. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&amp;CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project</li> </ol>



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**




life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.

3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP.
5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

			7. The project proponent shall utilize the Topsoil/Weathered rock for the progressive/final mine closure plan.
14.	Existing Rough Stone and Gravel Quarry over an extent of 1.81.5Ha SF.No.428/2, 429/1 & 429/2 of Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District by Thiru.P.Chandramohan – For Environmental Clearance. (SIA/TN/MIN/448825/2023)	9705	The authority noted that the subject was appraised in the 437 <sup>th</sup> meeting of SEAC held on 04.01.2024 and SEAC decided to defer and to seek additional details <ol style="list-style-type: none"> <li>1. CCR obtained from IRO(SZ), MoEF&amp;CC, Chennai.</li> <li>2. Photographs of fencing, greenbelt, &amp; Garland drain around the proposed mining area.</li> <li>3. Details of Pit dimension and last transport permit letter from AD/DD, Dept. of Geology &amp; Mining, of the Coimbatore District.</li> </ol> In view of the above, the authority noted the 437 <sup>th</sup> meeting of SEAC held on 04.01.2024.
15.	Proposed Rough Stone, Jelly and Gravel Quarry over an extent of 3.3350 Ha SF.No.919/1, 2A(P) of Nathikudi Village, Vembakottai Taluk, Virudhunagar District by Shri. J. Saipreetham - For Environmental Clearance. (SIA/TN/MIN/451537/2023)	9851	The authority noted that the subject was appraised in the 437 <sup>th</sup> meeting of SEAC held on 04.01.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the production quantity of 353641.5 m <sup>3</sup> Rough Stone and the annual peak production shall not exceed 105304 m <sup>3</sup> of Rough Stone and restricting the ultimate depth of mining of upto 35m BGL. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

  
MEMBER SECRETARY


  
MEMBER

  
CHAIRMAN  
SEIAA-TN

- |  |  |  |   |
|--|--|--|---|
|  |  |  | <ol style="list-style-type: none"><li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li><li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.</li><li>3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&amp;CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.</li><li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP.</li><li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li></ol> |
|--|--|--|---|

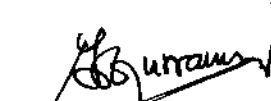
  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

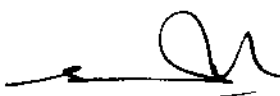
			<p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall utilize the Topsoil/Weathered rock for the progressive/final mine closure plan.</p>
16.	<p>Proposed Expansion of Existing Integrated Industrial Township from 130.3577 Ha to 140.509 Ha at S.F.Nos. 14, 16, 19, 152, 143/2B7, 148/2A, 151/1, etc., of Panchanthiruthi Village, S.F.Nos. 72, 78, 79, 86, 87, 88, 91, 93, 95 etc., of Kunnappattu Village, S.F.Nos. 173/5B, 174/7, 174/5, etc., of Paiyanur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu by M/s. One Hub (Chennai) Private Limited – For Environmental clearance (SIA/TN/INFRA2/455527/2023)</p>	10404	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> SEAC meeting held on 04.01.2024. SEAC has furnished its recommendations to the authority for granting environmental clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC &amp; normal/standard conditions stipulated by MoEF&amp;CC and the following conditions and the conditions in Annexure 'C' of this minutes.</p> <ul style="list-style-type: none"> <li>i) The water bodies situated within and along the periphery of the project area should be fully protected.</li> <li>ii) The project activity should not hamper the movement of migratory and resident birds.</li> <li>iii) The organisation should participate and support environment awareness</li> </ul>

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN


			<p>campaigns and movements specifically with respect to wetland conservation.</p> <p>iv) The proposed project activity should not impact agricultural activities around the project area.</p> <p>v) The project activity should not impact the drainage pattern and ground water.</p> <p>vi) All the trees that are proposed to be planted under green belt development should be numbered and monitored frequently to maintain the health of the trees.</p>
17.	Existing of hot steel rolling mill S.F. No. 273/2 & 273/3 of Irukkur Village, Paramathi Valur Taluk, Namakkal District, Tamil Nadu by M/s. Sri Kamala Ganapathy Steel Rolling Mills - for Amendment of Terms of Reference. (SIA/TN/IND/306417/2023)	10209	<p>The authority noted that the subject was appraised in the 437<sup>th</sup> meeting of SEAC held on 04.01.2024 and SEAC decided to recommend the proposal for the grant amendment of Terms of Reference without Public Hearing instead of Terms of Reference with public hearing issued vide Lr. No. SEIAA-TN/F.No.10209/SEAC/3(a)/TOR-1553/2023 Dt:25.09.2023.</p> <p>In this connection, the authority after detailed discussion accepts the recommendation of SEAC and decided grant amendment of Terms of Reference without Public Hearing instead of Terms of Reference with public hearing issued vide Lr. No. SEIAA-TN/F.No.10209/SEAC/3(a)/TOR-1553/2023 Dt:25.09.2023 subject to all the conditions stipulated vide Lr. No. SEIAA-TN/F.No.10209/SEAC/3(a)/TOR-1553/2023 Dt:25.09.2023 remains unaltered.</p>



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

**Annexure 'A'**

**a) EC Compliance**

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.
3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).
4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

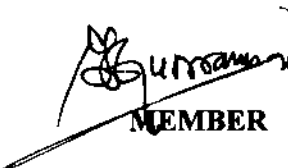
**b) Applicable Regulatory Frameworks**

5. The project proponent shall strictly adhere to the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006, Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002, Biological diversity Rules, 2004 & TN Forest Act, 1882 and Rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter

**c) Safe mining Practices**

6. The AD/DD, Dept. of Geology & Mining shall ensure operation of the proposed quarry after the submission slope stability study conducted through the reputed research & Academic Institutions such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc.
7. The AD/DD, Dept. of Geology & Mining & Director General of Mine safety shall ensure strict compliance and implementation of bench wise recommendations/action plans as

  
**MEMBER SECRETARY**

  
**MEMBER**


  
**CHAIRMAN  
SEIAA-TN**

recommended in the scientific slope stability study of the reputed research & Academic Institutions as a safety precautionary measure to avoid untoward accidents during mining operation.

8. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

**d) Water Environment – Protection and mitigation measures**

9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.
11. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.
12. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA.
15. Regular monitoring of ground water level and water quality shall be carried out around the mine area during mining operation. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
16. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

**e) Air Environment – Protection and mitigation measures**

17. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.
18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.
19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

**f) Soil Environment – Protection and mitigation measures**

20. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.
21. The proponent shall ensure that activity does not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soil and water.
22. The activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.
23. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.
24. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.
25. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.
26. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.
27. The top soil shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.
28. Activities should not result in invasion of site by exotic and alien plant and animal species and disturb the native biodiversity and soil micro flora and fauna.

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN



**g) Noise Environment – Protection and mitigation measures**

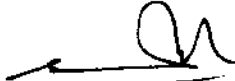
29. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
30. The sound at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Hence, the PP shall ensure that the biological clock of the villages are not disturbed because of the mining activity.

**h) Biodiversity - Protection and mitigation measures**

31. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
32. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.
33. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
34. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.
35. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

**i) Climate Change**

36. The project activity should not in any way impact the climate and lead to a rise in temperature.
37. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

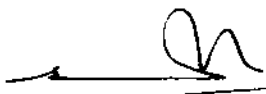
38. Intensive mining activity should not add to temperature rise and global warming.
39. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
40. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
41. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
42. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
43. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

**j) Reserve Forests & Protected Areas**

44. The activities should provide nature based support and solutions for forest protection and wildlife conservation.
45. The project activities should not result in forest fires, encroachments or create forest fragmentation and disruption of forest corridors.
46. There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.
47. The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.
48. The project activities should not alter the geodiversity and geological heritage of the area.
49. The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora.
50. The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.
51. The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds.
52. The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.

**k) Green Belt Development**

53. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) are planted.



MEMBER SECRETARY



MEMBER



CHAIRMAN  
SEIAA-TN

54. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).

**l) Workers and their protection**

55. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

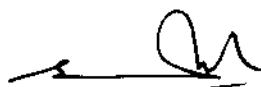
56. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.

57. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

**m) Transportation**

58. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

59. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

n) **Storage of wastes**

60. The project proponent shall store/dump the waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.

o) **CER/EMP**

61. The CER should be fully Implemented and fact reflected in the Half-yearly compliance report.

62. The EMP shall also be implemented in consultation with local self-government institutions & Govt. departments.

63. The follow-up action on the implementation of CER Shall be included in the compliance report.

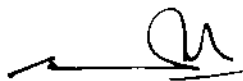
p) **Directions for Reclamation of mine sites**

64. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.

65. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.

66. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.

67. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.



**MEMBER SECRETARY**

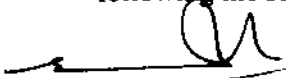


**MEMBER**

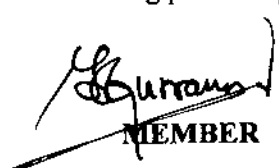


**CHAIRMAN  
SEIAA-TN**

68. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
69. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.
70. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.
71. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.
72. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
73. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
74. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. The land disturbed should be reshaped for long term use. Mining should be as far as possible be eco-friendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
75. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following the succession process allowing pioneer species to establish. The other approach i.e



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.

76. Action taken for restoration of the site should be specifically mentioned in the EC compliances.

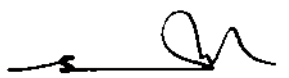
#### Annexure 'B'

##### Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual quarry in the form of route map and network.
5. The committee shall deliberate on risk management plan pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the environmental policy devised shall be given in detail.
7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
8. The committee shall furnish the Emergency Management plan within the cluster.
9. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public.
10. The committee shall furnish an action plan to achieve sustainable development goals with reference to water, sanitation & safety.
11. The committee shall furnish the fire safety and evacuation plan in the case of fire accidents.

##### Impact study of mining

12. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following
  - a) Soil health & soil biological, physical land chemical features .



MEMBER SECRETARY



MEMBER



CHAIRMAN  
SEIAA-TN

- b) Climate change leading to Droughts, Floods etc.
- c) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.
- d) Possibilities of water contamination and impact on aquatic ecosystem health.
- e) Agriculture, Forestry & Traditional practices.
- f) Hydrothermal/Geothermal effect due to destruction in the Environment.
- g) Bio-geochemical processes and its foot prints including environmental stress.
- h) Sediment geochemistry in the surface streams.

**Agriculture & Agro-Biodiversity**

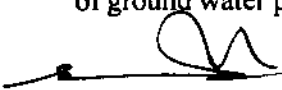
- 13. Impact on surrounding agricultural fields around the proposed mining Area.
- 14. Impact on soil flora & vegetation around the project site.
- 15. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- 16. The Environmental Impact Assessment should study the biodiversity, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
- 17. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
- 18. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

**Forests**

- 19. The project proponent shall detailed study on impact of mining on Reserve forests free ranging wildlife.
- 20. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
- 21. The Environmental Impact Assessment should study impact on standing trees and the existing trees should be numbered and action suggested for protection.
- 22. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

**Water Environment**

- 23. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals,

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the entire mine lease period.

24. Erosion Control measures.
25. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
26. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
27. The project proponent shall study and furnish the details on potential fragmentation impact on natural environment, by the activities.
28. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
29. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
30. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.

**Energy**

31. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

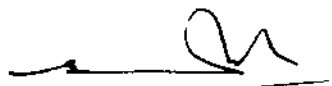
**Climate Change**

32. The Environmental Impact Assessment shall study in detail the carbon emission and also suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.
33. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock.

**Mine Closure Plan**

34. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

**EMP**



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**



35. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued.

36. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

#### **Risk Assessment**

37. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

#### **Disaster Management Plan**

38. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities covering the entire mine lease period as per precise area communication order issued.

#### **Others**

39. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.

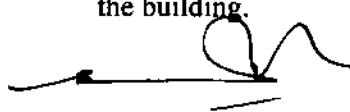
40. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

41. The project proponent shall study and furnish the possible pollution due to plastic and microplastic on the environment. The ecological risks and impacts of plastic & microplastics on aquatic environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.

#### **Annexure 'C'**

##### **Climate Change**

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.



**MEMBER SECRETARY**



**MEMBER**



**CHAIRMAN  
SEIAA-TN**

5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
8. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

**Health**

10. The proponent shall adopt strategies to maintain the health of the inhabitants.

**Energy**

11. The proponent shall adopt strategies to reduce electricity demand and consumption.
12. The proponent shall provide provisions for automated energy efficiency.
13. The proponent shall provide provisions for controlled ventilation and lighting systems.
14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
15. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
16. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

**Regulatory Frameworks**

17. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.
18. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

19. The proponent shall provide elevator as per rules CMDA/DTCP.

**Database maintenance & audits**

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.

21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

**Biodiversity**

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,

23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.

24. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.

25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.

26. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.

27. The proponent shall adopt strategies to prevent bird hits.

**Safety measures**

28. The proponent should develop an emergency response plan in addition to the disaster management plan.

29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.

30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.

31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.

32. The proponent shall provide the emergency exit in the buildings.

  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN

33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

**Water/Sewage**

34. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.

35. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.

36. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.

37. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.

38. The proponent shall ensure that provision should be given for proper utilization of recycled water.

39. The project proponent shall adhere to storm water management plan as committed.

**Parking**

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.

**Solid waste Management**

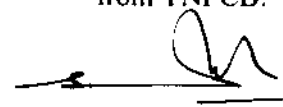
41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.

42. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

**EMP**

43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.

44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.

  
MEMBER SECRETARY

  
MEMBER

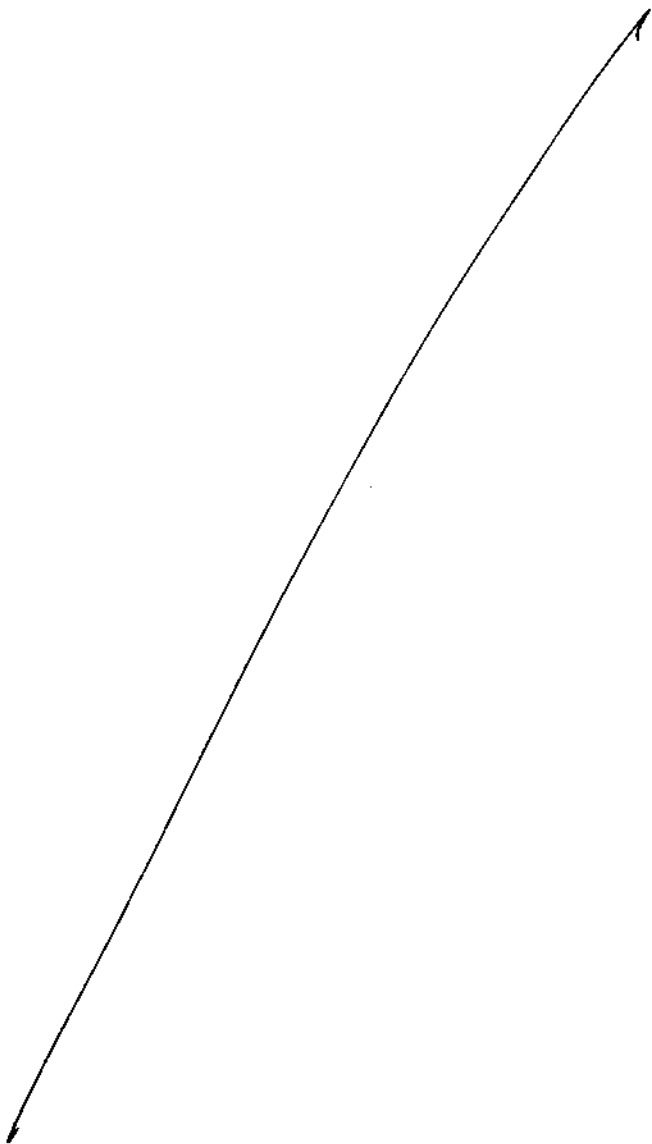
  
CHAIRMAN  
SEIAA-TN

45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.


**Others**

46. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.

47. The project proponent shall adhere to height of the buildings as committed.



  
MEMBER SECRETARY

  
MEMBER

  
CHAIRMAN  
SEIAA-TN