

**AGENDA & MINUTES SIXTY EIGHT MEETING OF THE STATE LEVEL EXPERT
APPRAISAL COMMITTEE (SEAC), TAMILNADU, CHENNAI-15 HELD ON
26th, 27th & 28th OCTOBER 2015**

26 th OCTOBER 2015 (Day-1 MONDAY)			
Item No.	File No	Agenda	Minutes
1.	1a.	Confirmation of the minutes of 67 th SEAC meeting held on 25.09.2015 & 26.09.2015	The Chairman welcomed the Members of the SEAC for the 68th meeting. The minutes of 67th SEAC meeting were discussed and confirmed
	1b.-625 Table agenda	Proposed 32 MW Coal based captive Cogeneration power plant within the existing factory (Tyre manufacturing unit) premises of M/s. JK Tyre & Industries Ltd at S.F.No.150,151,etc,Kolathur Village, Sriperumpudur Taluk, Kancheepuram District - under Category "B1" and Schedule S.No. 1(d)	<p>The Proponent M/s. JK Tyre & Industries Ltd, has submitted application Form-1 and Pre - feasibility report for obtaining Environmental Clearance for the proposed 32 MW Coal based captive Cogeneration power plant within the existing factory (Tyre manufacturing unit) premises at S.F.No.150,151,etc , Kolathur Village, Sriperumpudur Taluk, Kancheepuram District on 1.11.2012 to SEIAA-TN.</p> <p>The Committee observed that the above project comes under Category "B1" and Item No 1(d) of the Schedule. After the presentation made by the proponent and the documents furnished, the Committee prescribed TOR with public hearing for the preparation of EIA report along with certain details vide Lr.No Letter No.SEIAA/TN/F-625/M-LX/TOR-188/2014 dated: 08.10.2014.</p> <p>The proponent vide letter dated 14.10.2015 has requested to delete the ToR prescribed vide condition no. - 50 [Since Manimangalam tank is located at a distance of 913.077 metres from the project site, the project attracts the provisions of G.O.Ms.no.213 E&F dt 30.03.1989. Hence copy of the G. O. relaxation obtained from the Government has to be furnished before submission of the final EIA report] prescribed, stating that G.O.Relaxation could not be obtained since the Proposed Power Plant is not within 1 Km of notified water body.</p> <p>The project proponent has submitted that the proposed captive power plant site is located at Survey numbers 150,151, 154, 155, 156, 162, 163, 166, 185, 186, 189,190 as mentioned in the ToR issued and the location of said survey</p>

			<p>numbers are at distance of 1412.774 (> 1.0km) metres away from the Manimangalam Tank, and hence would not attract the provisions of the said G.O. Further reiterated that the proposed activity is not within 1 Km of the notified Manimangalam Tank. The Proponent has requested to delete the ToR No: 50, in order to Conduct Public Hearing and submit final EIA report.</p> <p>The subject was placed in the 68th SEAC meeting held on 26.10.2015 as Table Agenda and the Committee after detailed discussion accepted the details [IRS map from Anna University] furnished earlier and decided to delete the ToR Number - 50, in the ToRs prescribed vide Lr.No Letter No.SEIAA/TN/F-625/M-LX/TOR-188/2014 dated: 08.10.2014 .</p>
2	158/2008	<p>Project Proposal of "Common Hazardous Waste Treatment, Storage and Disposal Facility" (CHWTSDF) for Secured Landfill and Stabilization Facility at Plot Nos KK-5 – KK-11, SIPCOT Industrial Growth Centre, Perundurai, Erode district under Category B1 and schedule no. 7(d) by M/s Industrial Waste Management Association (IWMA).</p>	<p>The Project Proponent of M/s Industrial Waste Management Association (IWMA) submitted application in Form-1, Project Report & EIA report to SEIAA-TN on 25.08.2008 for obtaining Environment Clearance for the proposed project of 'Common Hazardous Waste Treatment, Storage and Disposal Facility' at Plot Nos KK-5 – KK-11, SIPCOT Industrial Growth Centre, Perundurai, Erode district for Secured Landfill and Stabilization Facility for Hazardous Waste under Category B1 and schedule no. 7(d). For the proposed project, TOR was prescribed vide SEIAA-TN letter dated 20.01.2009 for the preparation of EIA report and for conducting public hearing. <i>As per the TOR prescribed, public hearing was conducted on 28.07.2010 for the project.</i> The Project Proponent then submitted EIA report to TNPCB on 29.04.2011 due to absence of SEIAA-TN on that time.</p> <p>After reconstitution of SEIAA-TN from 12.04.2012 onwards, the project proponent approached SEIAA-TN on 26.02.2013 seeking Environmental Clearance for the project without furnishing EIA report and responses to the issues raised during public hearing meeting. As the period of 4 years for validity of TOR prescribed for the project ended on 19.01.2013 and within that period, EIA report and other relevant details for the project had not been received, the project proponent was informed vide SEIAA-TN letter dated 21.06.2013 about 'recording' of the project file and also to file fresh application for the project proposal again. In response, the project proponent informed in letter dated 02.08.2013 that the modified EIA report for the project could not be submitted to SEIAA-TN as the Authority ceased to function from 02.03.2011. Subsequently, the project proponent has furnished EIA report & other relevant details for the project to SEIAA-TN on 22.10.2013 & 25.11.2013 and requested to reconsider the application and grant</p>

			<p>Environmental Clearance for the proposed project.</p> <p>The Proposal was again placed before the Committee and Committee observed that the project proposal comes under Item No. 7(d) & category “B” of the Schedule to the EIA Notification, 2006. The Committee further observed that the validity period of TOR prescribed for the project ended on 19.01.2013 and within that period, EIA report for the project had not been received in the Authority. The Committee further observed that the EIA report submitted for the project was based on the study conducted in the year 2007 and the EIA report had not been modified (or) updated (or) revised later on as per the ToR prescribed. After the presentation, the Committee prescribed the ToRs with public consultation process for the preparation of EIA Report by NABET approved consultant for the proposed project. (TOR ref SEIAA-TN/F.158/CHWTSD/M-XLVII/TOR-170/2014 Dated 10.01.2014)</p> <p>However, the Proposal was again placed as Table agenda in 63rd SEAC meeting held on and Public Consultatin was exempted based on request by Proponent to exempt Public Consultation as per OM of MoEF&CC, GOI vide Lr.No. J-11013/36/2014-IA-I, GOI dated 12-12.2014, <i>[as provided for under para 7(i) III stage (3)(i)(b) of EIA Notification, 2006 to the projects or activities or units located within the industrial estates or parks, which were notified prior to 14.09.2006. i.e the EIA Notification, 2006 coming into force”]</i>.</p> <p>The proponent after completing EIA study submitted final report .The proposal was appraisal by the Committee in the 68th meeting held on 26.10.2015 and the committee after detailed discussion decided to call for the following additional details for presentation to the committee again:</p> <ol style="list-style-type: none"> 1. The Inventory of Hazardous waste shall be corrected with authenticated details on quantity and type of HW generated in all the districts mentioned in report. 2. The facility is Secured Landfill facility, only Inorganic waste shall be collected. Organic and High calorific substances are not permitted. 3. Revised report on Characterisation of Hazardous solid waste sample shall be furnished. 4. The proponent shall submit a detailed report on Green belt proposed. 5. The proposal is identified for disposal of Hazardous waste from Industries located within SIPCOT. If the proposal is to cater to industries outside SIPCOT, this may be justified. 6. A report on the overall reduction in transportation of hazardous waste over long distances in Tamilnadu due to this proposed project shall be furnished. 7. The Project proponent shall ensure that Landfill design and liners shall be only as per Guidelines evovled by CPCB/MoEF&CC, GOI. 8. In the soil analysis report furnished in EIA report submitted, certain parameters
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			<p>like Chromium,TOC,etc are not reported,hence Proponent shall carry out complete Soil Lithology from Ground level to water table below and furnish detailed report conducted by authorised Independent Accredited lab.</p> <p>9. The report on Bio-diversity shall include detailed Flora such as density, types etc, as only Fauna study report is enclosed.</p> <p>10. Lineament maps of SIPCOT and surrounding area shall be furnished from competent authority.</p> <p>11. Surface water Drainage (pattern) map shall be furnished based on Topography for 5 Km radius, along with report on Ground water Flow Model .</p> <p>12. Basis of ETP design and capacity shall be arrived at by calculating quantity of leachate & other sources of effluent.The proposed revised ETP shall contain clear plan for Heavy Metals removal and final disposal. The High TDS effluent shall be separated.</p> <p>13. A detailed report on CSR proposed as per MoEF &CC, GOI, Guidelines shall be furnished.</p> <p>14. In addition the following shall be furnished:</p> <p>(i). Detailed report on Storm water Managemnet, taking into account all features of the territory shall be submitted.</p> <p>(ii). Report on Odour Managemnet .</p> <p>(iii). Steps proposed for Health Care of Workers/Employees as per Government of India Labour Laws.</p> <p>(iv). Risk Management Report in Transportation of HW and Leachate .</p> <p>15. Environment Management Plan with location of monitoring wells as per CPCB Guidelines should be furnished.</p>
3	4262/2015	<p>Proposal seeking Environmental Clearance for the proposed Aerospace Park - SIPCOT Industrial Estate in total land area of 244.53 acres or 99 Ha area at Vallam ‘ A ’ village,Sriperumbudur Taluk, Kancheepuram District—Category B 1- and ScheduleS.No 8(b) by SIPCOT</p>	<p>The Project Proponent SIPCOT, submitted application Form-1, IA and conceptual plan for obtaining Environmental Clearance for the proposed Aerospace Park in SICOT Industrial Estate in total land area of 244.53 acres or 99 Ha area at Vallam ‘ A ’ village, Sriperumbudur Taluk, Kancheepuram District under Category B 2 and ScheduleS.No 8(b) on 07.120.20111 to SEIAA-TN.</p> <p>The subject was placed in the 68th SEAC meeting and the Committee observed that the above project comes under Category “B2” and Item No 8(b) of the Schedule. After the presentation made by the proponent and the documents furnished, the Committee prescribed TOR for the preparation of EIA report along with certain details as per Annexure - I, with following additional details:-</p> <p>1. OSR and Green Belt shall be provided separately</p>

			<p>and revised Land break-up details shall be furnished.</p> <p>2. Area earmarked for Green belt shall be 33% of Total Land Area. Detailed report on Green belt proposed shall be brought in EIA Study report.</p> <p>3. Based on requisition of proponent data of EIA already conducted in Pre-monsoon in 2015 is permitted to be used in report.</p> <p style="text-align: center;"><u>Annexure -I</u></p> <p style="text-align: center;"><u>Executive Summary of the EIA/EMP Report</u></p> <p>The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:</p> <ol style="list-style-type: none"> 1) Project name and location (Village, District, State, Industrial Estate (if applicable). 2) Products and capacities. If expansion proposal then existing products with capacities and reference to earlier EC. 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative) 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes. 5) Measures for mitigating the impact on the environment and mode of discharge or disposal. 6) Capital cost of the project, estimated time of completion. 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt/ private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary) 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population 9) Identification of hazards in handling, processing and
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			<p>storage of hazardous material and safety system provided to mitigate the risk.</p> <p>10) Likely impact of the project on air, water, land, flora-fauna and nearby population</p> <p>11) Emergency preparedness plan in case of natural or in plant emergencies</p> <p>12) Issues raised during public hearing (if applicable) and response given</p> <p>13) CSR plan with proposed expenditure.</p> <p>14) Occupational Health Measures.</p> <p>15) Post project monitoring plan.</p> <p><u>STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR TOWNSHIP/ AREA DEVELOPMENT PROJECTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT</u></p> <p>1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.</p> <p>2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.</p> <p>3) Examine baseline environmental quality along with projected incremental load due to the project.</p> <p>4) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.</p> <p>5) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project</p> <p>6) Submit the details of the trees to be felled for the project.</p> <p>7) Submit the present land use and permission required</p>
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			<p>for any conversion such as forest, agriculture etc.</p> <p>8) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.</p> <p>9) Ground water classification as per the Central Ground Water Authority.</p> <p>10) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.</p> <p>11) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.</p> <p>12) Examine soil characteristics and depth of ground water table for rainwater harvesting.</p> <p>13) Examine details of solid waste generation treatment and its disposal.</p> <p>14) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.</p> <p>15) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.</p> <p>16) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.</p> <p>17) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.</p> <p>18) Examine the details of transport of materials for construction which should include source and</p>
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			<p>availability.</p> <p>19) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.</p> <p>20) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.</p> <p>21) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.</p> <p>22) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.</p> <p>23) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "http://moef.nic.in/Manual/Townships".</p>
4	4009/2015	Project Proposal for Providing Permanent Stability to Coastal inlet of Tamaraiparani River at Punnakayal village in Tiruchendur Taluk, Thoothukudi District, under Category B1 and Schedule -7 (e) by Fisheries Department	<p>The Project proponent / Fisheries Department has submitted application in Form-1 and Pre - feasibility report for obtaining Environmental Clearance for the Proposal for Providing Permanent Stability to Coastal inlet of Tamaraiparani River at Punnakayal village in Tiruchendur Taluk, Thoothukudi District, under Category B and Schedule no. 7 (e) for considering Issue of ToR on 1.11.2012 to SEIAA-TN.</p> <p>The Project proponent has obtained CRZ clearance vide Proceeding No. Proc.No.P1/1417/2014 dated 27.08.2015, for the following activity subject to conditions stated therein and recommended to SEIAA for clearance.</p> <ol style="list-style-type: none"> Dredging of 75mts wide lead channel with a depth of - 2.0m CD for opening of southern mouth of Thamiraparani River. A 1.5 km long interconnecting channel with 50m width between southern inlet and northern branch is proposed with dredging upto -1.5m CD is proposed. A 200m long groin is proposed at a distance of 200m south from the bank of inlet channel and will extended up to -3.0 depth CD contour to arrest the littoral drift

			<p>from south.</p> <ul style="list-style-type: none"> d) A 200m long berthing structure is proposed at western side of existing wharf. e) A 650m long approach road with forming of bund with boulders, is proposed for transportation of quarry stones for Groin and for navigation of boats in channel portion. f) A 21m long linking structure is proposed g) The existing wharf and proposed berthing structure shall be interconnected by 49m long stone pitching. h) A 200m length and 10m width preliminary structural design of the proposed new jetty. <p>The MOEF vide letter no. F.No. 11-40/2014 – JA.111, GOI, MOEF & CC dt. 18/3/2015, furnished clarification that the project shall be dealt by the SEIAA - TN.</p> <p>The proposal was placed in the 68th SEAC meeting for Scoping. Based on documents and details submitted by the proponent, the Committee observed that the above project comes under Category “B1” and Item No 7(e) of the Schedule.</p> <p>After the presentation made by the proponent, the Committee prescribed TOR with Public Consultation for the preparation of EIA report, with permission to use data collected for CRZ Clearance as per Annexure - I.</p> <p>Annexure -I</p> <p style="text-align: center;"><u>Executive Summary of the EIA/EMP Report</u></p> <p>The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:</p> <ul style="list-style-type: none"> 1) Project name and location (Village, District, State, Industrial Estate (if applicable). 2) Products and capacities. If expansion proposal then existing products with capacities and reference to earlier EC. 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative) 4) Process description in brief, specifically indicating the gaseousemission, liquid effluent and solid and hazardous wastes.
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			<p>5) Measures for mitigating the impact on the environment and mode of discharge or disposal.</p> <p>6) Capital cost of the project, estimated time of completion.</p> <p>7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt/ private land, status of acquisition, nearby (in 2-3 km.) water body, population, within 10km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)</p> <p>8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population</p> <p>9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.</p> <p>10) Likely impact of the project on air, water, land, flora-fauna and nearby population</p> <p>11) Emergency preparedness plan in case of natural or in plant emergencies</p> <p>12) Issues raised during public hearing (if applicable) and response given</p> <p>13) CSR plan with proposed expenditure.</p> <p>14) Occupational Health Measures</p> <p>15) Post project monitoring plan</p> <p style="text-align: right;">Contd...</p> <p><u>STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR PORTS, HARBOURS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT</u></p> <p>1) Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental angle, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.</p>
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			<p>2) Details of the land use break-up for the proposed project. Details of land use around 10 km radius of the project site. Examine and submit detail of land use around 10 km radius of the project site and map of the project area and 10 km area from boundary of the proposed/existing project area, delineating project areas notified under the wild life (Protection) Act, 1972/critically polluted areas as identified by the CPCB from time to time/notified eco-sensitive areas/interstate boundaries and international boundaries. Analysis should be made based on latest satellite imagery for land use with raw images.</p> <p>3) Submit the present land use and permission required for any conversion such as forest, agriculture etc. land acquisition status, rehabilitation of communities/villages and present status of such activities.</p> <p>4) Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.</p> <p>5) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area</p> <p>6) Submit the details of terrain, level with respect to MSL, filling required, source of filling materials and transportation details etc.</p> <p>7) Examine road/rail connectivity to the project site and impact on the existing traffic network due to the proposed project/activities. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.</p> <p>8) Submit details regarding R&R involved in the project</p> <p>9) Submit a copy of layout superimposed on the HTL/LTL map demarcated by an authorized agency on 1:4000 scale along with the recommendation of the SCZMA.</p> <p>10) Submit the status of shore line change at the project site</p> <p>11) Details of the layout plan including details of channel, breakwaters, dredging, disposal and reclamation.</p> <p style="text-align: right;">Contd...</p> <p>12) Details of handling of each cargo, storage, transport along</p>
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			<p>with spillage control, dust preventive measures. In case of coal, mineral cargo, details of storage and closed conveyance , dust suppression and prevention filters.</p> <p>13) Submit the details of fishing activity and likely impacts on the fishing activity due to the project. Specific study on effects of construction activity and pile driving on marine life.</p> <p>14) Details of oil spill contingency plan.</p> <p>5) Details of bathymetry study.</p> <p>16) Details of ship tranquillity study.</p> <p>17) Examine the details of water requirement, impact on competitive user, treatment details, use of treated waste water. Prepare a water balance chart.</p> <p>18) Details of rainwater harvesting and utilization of rain water.</p> <p>19) Examine details of Solid waste generation treatment and its disposal.</p> <p>20) Details of desalination plant and the study for outfall and intake.</p> <p>21) Examine baseline environmental quality along with projected incremental load due to the proposed project/activities.</p> <p>22) The air quality monitoring should be carried out according to the notification issued on 16th November, 2009.</p> <p>23) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.</p> <p>24) Submit details of a comprehensive Risk Assessment and Disaster Management Plan including emergency evacuation during natural and man-made disasters</p> <p>25) Submit details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation. Explore the possibilities of relocating the existing trees.</p> <p>26) Examine the details of afforestation measures indicating land and financial outlay. Landscape plan, green belts and open spaces may be described. A thick green belt should be planned all around the nearest settlement to mitigate noise and vibrations. The identification of species/ plants should be made based on the botanical studies.</p> <p>27) The Public Hearing should be conducted for the project in</p>
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			<p>accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.</p> <p>28) A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.</p> <p>29) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.</p> <p>30) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.</p> <p>31) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "http://moef.nic.in/Manual/Port and harbour".</p> <p>In addition to the above the queries raised in Letter No.SEIAA -TN/F 4009/TTN/7(e)/AEE/2015 Dated 23 .10.2015, shall be furnished.</p>
5	461	<p>Proposed Project seeking Environmental Clearance for Usenabad South Limestone mine [New lease for captive use] over an extent of 25.105 ha with 1.0 MTPA of Limestone and Marl production at F.No. 319(p), etc, Kallankurichi Village, Ariyalur Taluk, Ariyalur District by M/s. The Ramco Cements Limited</p>	<p>The Project Proponent submitted application for Environmental Clearance for Usenabad South Limestone mine [New lease for captive use] over an extent of 25.105 ha with 1.0 MTPA of Limestone and Marl production at F.No. 319(p), etc, Kallankurichi Village, Ariyalur Taluk , Ariyalur District under category B,schedule 1(a) by M/s. The Ramco Cements Limited .</p> <p>TOR issued to the project for preparation of EIA report and for conducting public hearing vide Lr.No.SEIAA/TN/F.461/TOR-EXT/2012-199./dt 28.11.2012. The subject was placed in the 115th SEIAA meeting held on 25.11.2014 and ToR was further extended for a period of one year vide Lr.No.SEIAA/TN/F.462/TOR-EXT/2012-199./dt 28.11.2014 for period up to 25.11.2015.</p>

			<p>Again the proponent has requested to extend the validity period of TOR citing the reason that for approval of mining plan, IBM requested the project proponent to furnish final copies of the mining plan along with relaxation from Central Govt. Since the mine lease hold area exceeds 10 Sq. Km and the said relaxation is yet to be received by the project proponent, and is reported to be in process.</p> <p>As per the Ministry of Environment, Forest and Climate Change Impact Assessment Division, Government of India, Circular Memo No.J-11013/41/2006-Ia-II(I) (Part) dated 7th November, 2015 “ All the projects which have been recommended by the Expert Appraisal Committee (EAC) shall be considered by the Competent Authority even if the data collected has become more than three years old as the ToRs itself used to have three years validity and extendable by one more year” and the other stipulations stated in the Office Memorandum dated 22.08.2014 will continue to apply.</p> <p>Based on the Justification and details submitted by the project proponent, the subject was placed in the 68th SEAC meeting held on 26.10.2015 and the Committee after having a detailed discussion decided to recommend for extension of TOR for another period of one year, i.e up to 27.11.2016, subject to the earlier terms and conditions to submit the final EIA report with minutes of Public Hearing minutes from TNPCB.</p>
6	462	Proposed Project seeking Environmental Clearance for - Environmental Clearance for PeriyanaGalur West limestone Mines over an extent of 17.36 Ha situated in PeriyanaGalur West village, Ariyalur Taluk, Ariyalur District for limestone and Marl Production of 0.3MTPA by M/s. The Ramco Cements Limited	<p>The Project Proponent submitted application for Environmental Clearance for - Environmental Clearance for PeriyanaGalur West limestone Mines - over an extent of 17.36 Ha situated in PeriyanaGalur West village, Ariyalur Taluk, Ariyalur District for limestone and Marl Production of 0.3MTPA. by M/s. The Ramco Cements Limited under category B, schedule 1(a) by M/s. The Ramco Cements Limited.</p> <p>TOR issued to the project for preparation of EIA report and for conducting public hearing vide Lr.No.SEIAA/TN/F.462/TOR-EXT/2012-199./dt 28.11.2012. The subject was placed in the 115th SEIAA meeting held on 25.11.2014 and ToR was further extended for a period of one</p>

			<p>year vide Lr.No.SEIAA/TN/F.462/TOR-EXT/2012-199./dt 28.11.2014 for period up to 25.11.2015.</p> <p>Again the proponent has requested to extend the validity period of TOR citing the reason that for approval of mining plan, IBM requested the project proponent to furnish final copies of the mining plan along with relaxation from Central Govt and since the mine lease hold area exceeds 10 Sq. Km and the said relaxation is yet to be received by the project proponent,.</p> <p>As per the Ministry of Environment, Forest and Climate Change Impact Assessment Division, Government of India, Circular Memo No.J-11013/41/2006-Ia-II(I) (Part) dated 7th November, 2015 “ All the projects which have been recommended by the Expert Appraisal Committee (EAC) shall be considered by the Competent Authority even if the data collected has become more than three years old as the ToRs itself used to have three years validity and extendable by one more year”and the other stipulations stated in the Office Memorandum dated 22.08.2014 will continue to apply.</p> <p>Based on the Justification and details submitted by the project proponent, the subject was placed in the 68th SEAC meeting held on 26.10.2015 and the Committee after having a detailed discussion decided to recommend for extension of TOR for another period of one year, i.e up to 27.11.2016, subject to the earlier terms and conditions to submit the final EIA report with minutes of Public Hearing minutes from TNPCB.</p>
7	3001	<p>Proposed Construction of Residential development by “M/s K.G. Foundations P.Ltd.”at S.Nos. 142/2etc., Perumbakkam Village ,Sholinganallur Taluk, Kancheepuram District – Category “B”-8(a) Building and constructions</p>	<p>The Committee, decided to call for representation after obtaining and considering the following details:</p> <ol style="list-style-type: none"> 1. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 2. Alternative arrangement to be proposed for water supply and treated water disposal shall be furnished. 3. Distance of the project site from the Pallikaranai Marsh. 4. Rain water harvesting sumps shall be provided in the project site.

			<ol style="list-style-type: none"> 5. The drainage system shall be redesigned so as to recharge the nearby lake. 6. Focussed CSR activity with Specific allocation of funds (0.5% of the total outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. 7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 8. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. 9. Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished.
8	3814	Proposed Construction of Residential development by "M/sEscapade Real EstateP.Ltd."at S.Nos. 381/1Aetc., SengundramVillage, ChengelpetTaluk,KancheepuramDistrict – Category "B"-8(a) Building and constructions	<p>The Committee, decided to call for representation after obtaining and considering the following details:</p> <ol style="list-style-type: none"> 1. Recent Photographs with the inbuilt date stamp showing the present status of the site area. 2. Permission letter obtained from Forest Department for excess treated water disposal shall be furnished. 3. Alternative arrangement to be proposed for water supply and treated water disposal shall be furnished, since ground water should not be drawn as per the NOC from the Forest department. 4. Details of method of disposal of STP sludge. 5. Solid waste management area shall be marked in plan

			<p>ad furnished.</p> <ol style="list-style-type: none"> 6. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 7. STP flow design shall be corrected and resubmitted with a clean readable flow diagram. 8. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water b. facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. c. Maintenance of lakes/ ponds around the project site. d. Maintenance of estuaries, shore areas and development of artificial Mangroves. 9. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
9	4038	<p>Proposed Construction of Residential development“ Green Country” by “M/s.Green Valley Shelters P.Ltd.”at S.Nos. 15/1A2,VillankurichiVillage,CoimbatoreTaluk,CoimbatoreDistrict – Category “B”-8(a) Building and constructions</p>	<p>The Committee, decided to call for representation after obtaining and considering the following details:</p> <ol style="list-style-type: none"> 1. Recent Photographs with the inbuilt date stamp showing the present status of the site area. 2. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ol style="list-style-type: none"> a. Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. 3. Permission letter obtained from Coimbatore Municipal Corporation for supply of fresh water shall be furnished. 4. Permission letter obtained from Coimbatore Municipal Corporation/ parks /Institutions for excess treated water disposal shall be furnished. 5. The rain water harvesting details shall be redesigned. 6. The detailed process of Organic waste convertor shall

			<p>be submitted along with details on other solid waste management.</p> <ol style="list-style-type: none"> 7. Baseline data for ground water/soil/air etc shall be rechecked and new analysis report shall be submitted. 8. Bio assay characteristics of sewage water shall be carried out and based on the characteristics, design of STP shall be made. 9. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. c. Maintenance of estuaries, shore areas and development of artificial Mangroves. 10. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
10	4136	<p>Proposed Construction of "Jak City Mall" by "M/sB.J.ExpoP.Ltd."at S.Nos. 42/1B3A2etc., ParuthipattuVillage, AvaduTaluk,ThiruvallurDistrict – Category "B"-8(a) Building and constructions</p>	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 2. Permission letter obtained from CMWSSB for fresh water shall be furnished. 3. Permission letter obtained from CMWSSB for excess treated water disposal shall be furnished. 4. Alternative design technology for STP shall be furnished. 5. Ground water should not be extracted at any point. 6. The building stability details shall be ensured for the proposed multi-storeyed building and details to be furnished. 7. Focussed CSR activity with Specific allocation of

			<p>funds(0.5 % of the total Outlay) should include the following:</p> <ol style="list-style-type: none"> Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. Maintenance of lakes/ ponds around the project site. Maintenance of estuaries, shore areas and development of artificial Mangroves. <p>8. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
11	4149	Proposed Construction of Residential development by "M/sDev Kumar ConstructionsP.Ltd."at S.Nos. 863etc., MadhavaramVillage, MadhavaramTaluk, ThiruvallurDistrict – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Permission letter obtained from competent Authority for supply of fresh water shall be furnished. Permission letter obtained from competent Authority for excess treated water disposal shall be furnished. CMDA land use reclassification shall be obtained and furnished. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the

			<p>selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.</p> <p>b. Maintenance of lakes/ ponds around the project site.</p> <p>c. Maintenance of estuaries, shore areas and development of artificial Mangroves.</p> <p>5. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
12	4150	Proposed Construction of Residential Housing Project by "M/s. Mayflower Enterprises P.Ltd."at S.Nos. 372/Petc., Vellakinaru Village, Coimbatore Taluk, Coimbatore District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Permission letter obtained from Local Body for supply of fresh water shall be furnished. 2. Permission letter obtained from Local Body for excess treated water disposal shall be furnished. 3. NOC from railways shall be obtained and furnished as per the planning permit of DTCP. 4. Focussed CSR activity with Specific allocation of funds should include the following: <ul style="list-style-type: none"> c. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. <p>Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.</p> <ul style="list-style-type: none"> d. Maintenance of lakes/ ponds around the project site. e. Maintenance of estuaries, shore areas and development of artificial Mangroves. 5. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
13	4067	Proposed Construction of Condominium develop	<p>The Committee, decided to call for representation after obtaining and considering the following details:</p>

		<p>ment“MSB IT Park “by “M/sHorizonview PropertiesP.Ltd.”at S.Nos. 25/3Aetc., PorurVillage, MaduravayolTaluk,Th iruvallurDistrict – Category “B”-8(a) Building and constructions</p>	<ol style="list-style-type: none"> 1. Compliance report from the Regional office of MoEF/GOI for the earlier Environmental Clearance shall be furnished. 2. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 3. UV disinfection shall be adopted and furnish design details. 4. Documentation on the E-waste to be generated, and its mode of disposal. 5. Details of all utilities of the proposed IT park and its impact on the environment shall be documented and furnished. 6. Details on Physiological aspects of work aspects in IT park along with occupational health safety shall be furnished. 7. Details on the mitigation measures to be adopted for the impacts on the environment due to the proposed activity. 8. Details on Disaster Management plan shall be furnished. 9. The detailed report on addition on Global warming, CO content in the environment due to the proposed activity shall be furnished. 10. Details of the water , waste water, solid waste management for the canteen to be proposed for the IT park shall be furnished. 11. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. c. Maintenance of estuaries, shore areas and development of artificial Mangroves. 12. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
14	3919	Proposed Development of Residential	The Committee decided to prescribe TOR (Annexure) for the preparation of EIA report, along with certain additional details. The

	<p>Apartment and Retail “M/s Purva Good Earth Properties Pvt. Ltd.” at S.Nos. 28etc., Keezhmanamedu Vill age, Poonnamallee Ta luk, Thiruvallur District – Category “B”-8(b) Building and constructions</p>	<p>Detailed EIA should include the following information.</p> <ol style="list-style-type: none"> 1. Permission letter obtained from CMWSSB for fresh water shall be furnished. 2. Permission letter obtained from CMWSSB for excess treated water disposal shall be furnished. 3. Detergents not allowed in influent sewage. Hence furnish revised report on the sewage characteristics. 4. Segregation should be done for solid waste management. 5. Details on Disaster Management plan shall be furnished. 6. Focussed CSR activity with Specific allocation of funds (0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. c. Maintenance of estuaries, shore areas and development of artificial Mangroves. 7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. <p><u>ANNEXURE</u></p> <ol style="list-style-type: none"> 1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river. 2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities. 3) Examine baseline environmental quality along with projected incremental load due to the project. 4) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health. 5) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
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			<p>Management Plan and Environmental Monitoring Plan with cost and parameters.</p> <p>20) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.</p> <p>21) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.</p> <p>22) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.</p> <p>23) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "http://moef.nic.in/Manual/Townships".</p>
15	3886	Proposed Black granite mine over an extent of 20.50.0 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 74 etc, Veeranam Village , Chengam Taluk, Thiruvannamalai District – Category "B2"-1(a) Mining of Minerals- Environmental Clearance	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished. 5. Cost of all closure plans shall be furnished. 6. NOC shall be obtained from the competent Authority for the Veeranam Sathanur dam for carrying out mining activity.
16	3887	Proposed Black Granite mine over an extent of 4.14.8 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 104/1A, Udaiyarnatham Village , Villupuram Taluk, Villupuram District – Category "B2"-1(a) Mining of Minerals- Environmental Clearance	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished.

			5. Cost of all closure plans shall be furnished.
17	3888	Proposed Black Granite mine over an extent of 20.28.0 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 170(P), Siruvalai Village , Villupuram Taluk, Villupuram District – Category "B2"-1(a) Mining of Minerals- Environmental Clearance - Regarding	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished. 5. Cost of all closure plans shall be furnished
18	3889	Proposed Colour Granite mine over an extent of 34.35.50 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 283(p), Soolamalai Village , Krishnagiri Taluk, Krishnagiri District – Category "B1"-1(a) Mining of Minerals	<p>The Committee decided to prescribe TOR (Annexure) for the preparation of EIA report, along with certain additional details. The Detailed EIA should include the following information.</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished. 5. Cost of all closure plans shall be furnished. <p><u>ANNEXURE</u></p> <ol style="list-style-type: none"> 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994. 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given. 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.

			<ol style="list-style-type: none"> 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone). 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics. 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority. 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report. 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided. 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period. 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
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			<p>Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.</p> <p>19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.</p> <p>20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).</p> <p>21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.</p> <p>22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the</p>
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			<p>pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.</p> <p>23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.</p> <p>24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.</p> <p>25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.</p> <p>26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.</p> <p>27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.</p> <p>28) 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. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.</p> <p>29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.</p> <p>30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.</p>
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			<p>31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.</p> <p>32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.</p> <p>33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.</p> <p>34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.</p> <p>35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.</p> <p>36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.</p> <p>37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.</p>
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			<p>38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.</p> <p>39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.</p> <p>40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.</p> <p>41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.</p> <p>42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.</p> <p>43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.</p> <p>44) Besides the above, the below mentioned general points are also to be followed:-</p> <ol style="list-style-type: none"> Executive Summary of the EIA/EMP Report All documents to be properly referenced with index and continuous page numbering. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project. Where the documents provided are in a language other than English, an English translation should be provided. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by
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			<p>MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.</p> <p>h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.</p> <p>i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.</p> <p>i) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.</p>
19	3891	<p>Proposed Colour Granite mine over an extent of 27.04.5 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 486(P) etc, Jakkery Village, Denkanikottai Taluk, Krishnagiri District – Category "B1"-1(a) Mining of Minerals-ToR to be issued-Regarding</p>	<p>The Committee decided to prescribe TOR (Annexure) for the preparation of EIA report, along with certain additional details. The Detailed EIA should include the following information.</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit.

			<p>4. Mine closure plan shall be wetted by an expert and report to be furnished.</p> <p>5. Cost of all closure plans shall be furnished.</p> <p>6. Clearance from the standing committee of NBWL shall be obtained as the project site is located within 10 Km radius of the protected areas.</p> <p style="text-align: center;"><u>ANNEXURE</u></p> <p>1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.</p> <p>2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.</p> <p>3. All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.</p> <p>4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the areashould be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).</p> <p>5. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.</p> <p>6. Details about the land proposed for mining activities should be givenwith information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.</p> <p>7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC</p>
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			<p>conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.</p> <ol style="list-style-type: none"> 8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided. 9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period. 10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given. 11. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given. 12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees. 13. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished. 14. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated. 15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given. 16. A study shall be got done to ascertain the impact
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			<p>of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.</p> <p>17. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.</p> <p>18. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.</p> <p>19. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.</p> <p>20. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL. HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).</p> <p>21. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement</p>
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			<p>Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.</p> <p>22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.</p> <p>23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.</p> <p>24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.</p> <p>25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.</p> <p>26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.</p>
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			<p>27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.</p> <p>28. 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. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.</p> <p>29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.</p> <p>30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.</p> <p>31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.</p> <p>32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.</p> <p>33. Details of the onsite shelter and facilities to be provided to the mine workers should be included</p>
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			<p>in the EIA Report.</p> <ol style="list-style-type: none"> 34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report. 35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed. 36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations. 37. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation. 38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project. 39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project. 40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given. 41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out. 42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report. 43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc. 44. Besides the above, the below mentioned general points are also to be followed:- <ol style="list-style-type: none"> a) Executive Summary of the EIA/EMP Report b) All documents to be properly referenced with index and continuous page numbering.
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			<p>c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.</p> <p>d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.</p> <p>e) Where the documents provided are in a language other than English, an English translation should be provided.</p> <p>f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.</p> <p>g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.</p> <p>h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.</p> <p>i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.</p> <p>i) The EIA report should also include (i) surface</p>
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			plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
20	3893	Proposed Vermiculite mine over an extent of 23.71.0 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 120 etc, Sevathur Village & S.Nos. 435 etc, Elavampatti Village, Thirupattur Taluk, Vellore District – Category "B2"-1(a) Mining of Minerals-Environmental Clearance	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished. 5. Cost of all closure plans shall be furnished.
21	3894	Proposed Silica Sand mine over an extent of 3.73.0 ha. by "M/s Tamilnadu Minerals Limited" at S.Nos. 73, Vada Agaram Village, Tindivanam Taluk, Kancheepuram District – Category "B"-1(a) Mining of Minerals-Environmental Clearance	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. More number of trees should be planted along the periphery of the project site. 2. 10 KM radius Google map of the project site shall be furnished. 3. Focussed CSR activity with Specific allocation of funds should include the following: <ol style="list-style-type: none"> a. Solar lighting for the nearby villages and the details shall be furnished as affidavit. 4. Mine closure plan shall be wetted by an expert and report to be furnished. 5. Cost of all closure plans shall be furnished.
27th OCTOBER 2015 (Day-2 TUESDAY)			
1	2896	Project proposal seeking EC for "Beneficiation of Barite Ore by Column Flotation Technology" with a Throughput Capacity of 96900 TPA at S.no 377/1A, 378/1 etc, of Getnamallee Village, Gumudipoondi taluk, Thiruvallur District by M/s. Oren Hydrocarbons under Category B and schedule no. 2(b)	<p>The Project Proponent submitted application on 01.09.2014 seeking EC for the project "Beneficiation of Barite Ore by Column Flotation Technology" with a Throughput Capacity of 96900 TPA at S.no 377/1A, 378/1 etc, Getnamallee Village, Gumudipoondi taluk, Thiruvallur District by M/s. Oren Hydrocarbons, under Category B and schedule no. 2(b) of the schedule to the EIA notification, 2006. The project proposal was considered in the 60th SEAC meeting 25.09.2014 vide item no. 60-06. Based on the presentation made by the proponent and documents furnished, the committee prescribed TOR vide Letter dated 17.10.2014 with public hearing to be conducted.</p> <p>Public hearing was conducted on 15.05.2015 through the Tamil Nadu Pollution Control Board and minutes furnished. The SEAC appraised the proposal in the 67th meeting held on 25.09.2015 and after detailed discussion, the committee decided to ask the project proponent to make presentation again in the</p>

			<p>next meeting with certain additional details. After presentation by the project proponent in the 68th SEAC meeting held on 27.10.2015 and after detailed discussion, the Committee resolved to recommend the proposal to SEIAA to consider Environmental Clearance after obtaining the following additional details:</p> <ol style="list-style-type: none"> 1. Land-use Classification with Permissibility Certificate from Competent Authority. 2. Adequate and Specific amount shall be earmarked and spent for WILD Life Conservation in Consultation with District Forest Officer, Tiruvallur District. 3. Supporting documents shall be furnished to substantiate the claim that Tailings Residue or any type of solid waste will be taken back to Andhra Pradesh Mines for landfill. 4. Supernatant from Tailings shall be analysed by Accredited Laboratory for heavy metals including, Sulphides, TSS and pH and report shall be submitted. 5. Revised water balance chart shall be furnished after considering recycling of entire tailings water in process. 6. The unit shall propose adequate ETP in case of any discharge from the Plant, including leachates, spillages etc and to treat the waste water to standards prescribed by CPCB/TNPCB. 7. The Pollution arising during transportation shall be minimised by providing special measures to cover the Vehicles if closed type transportation is not feasible. 8. Only fresh water shall be used for Green Belt proposed and on any account untreated tailings water shall not be discharged on land. 9. Hydrogeological studies to determine runoff and a proper drainage system around the mine site. 10. Tailings pond should have adequate capacity to take care of runoff inside the project site.
2	4028	<p>Proposed Construction of Residential Development by "M/s. Altis Ville LLP." at S.Nos. 382(P) etc., Mangadu Village, Sriperumbudur Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions</p>	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ol style="list-style-type: none"> a. Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. 2. Acknowledgment for having applied to SGWB for the ground water extraction shall be furnished. 3. Permission letter obtained from the Competent Authority for excess treated water disposal shall be furnished.

			<p>4. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the following:</p> <ul style="list-style-type: none"> a) Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b) Maintenance of lakes/ ponds around the project site. c) Maintenance of estuaries, shore areas and development of artificial Mangroves. <p>5. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
3	4328	<p>Proposed Construction of Multi-storeyed Building by "M/s. Rathnapuri ConstructionsP.Ltd"at S.Nos. 120/4, VOC Nagar Village, PurasawalkkamTaluk, ChennaiDistrict – Category "B"-8(a) Building and constructions</p>	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ul style="list-style-type: none"> 1.Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ul style="list-style-type: none"> a. Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. 2. Permission letter obtained from CMWSSB for supply of fresh water shall be furnished. 3. Permission letter obtained from CMWSSB for excess treated water disposal shall be furnished. 4. Permission letter obtained from Competent Authority for Solid waste management shall be furnished. 5. Ensure efficient treatment technology for STP. 6. Focussed CSR activity with Specific allocation of funds(0.5 % of the total Outlay) should include the

			<p>following:</p> <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. c. Maintenance of estuaries, shore areas and development of artificial Mangroves. <p>7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
4	4338	<p>Proposed Construction of Residential Development by "M/s. G.K.S.Properties P.Ltd" at S.Nos. 129/1 etc., Ayyapandanga Village, Sriperumbudur Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions- Environmental Clearance</p>	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Land use reclassification certificate shall be obtained and furnished. 2. Permission letter obtained from CMWSSB for supply of fresh water shall be furnished. 3. Permission letter obtained from CMWSSB for excess treated water disposal shall be furnished. 4. Rain water harvesting calculation shall be checked and resubmitted. 5. Organic waste convertor shall be utilized for solid waste management and hence furnish design details. 6. Focussed CSR activity with Specific allocation of funds (0.5 % of the total Outlay) should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking

			<p>water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.</p> <p>b. Maintenance of lakes/ ponds around the project site.</p> <p>c. Maintenance of estuaries, shore areas and development of artificial Mangroves.</p> <p>7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
5	4089	Proposed Construction of Residential development by “M/s. Ramaniyam real Estates P.Ltd and M/s. Magnum Group” at S.Nos. 311/3A etc, Kottivakkam Village, Sholinganallur Taluk, Kancheepuram District – Category “B”-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Green belt shall be 15% and OSR shall be 10 % of the total land area. Hence revised land use break-up shall be furnished. 2. Details of the disposal of the Swimming pool water shall be furnished. 3. Copy of permission letter for the Authorised vendor from CMWSSB for supply of fresh water and treated water disposal shall be furnished. 4. Flushing water quality shall be as per TNPCB norms. 5. Details of design for Aerobic digester proposed. 6. Vermicomposting shall be adopted for solid waste management. 7. Focussed CSR activity with Specific allocation of funds should include the following: <ul style="list-style-type: none"> d. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and

			<p>maintenance etc) and other details shall be furnished as affidavit.</p> <p>e. Maintenance of Pallikaranai Marsh and furnish copy of receipt for depositing funds in the Pallikaranai Marsh conservation Authority. .</p> <p>8. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
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Agenda Item No. 1-

The SEAC appraised the following project proposals 1. Granite & Rough Stone - 36 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
 2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
 3. One month base line data be collected to ensure the pollution within the limits.
- The following should be incorporated as conditions in EC.
1. Free silica test should be conducted and reported
 2. Air Sampling at intersection point should be conducted and reported
 3. Bunds to be provided at the boundary of the project site.
 4. Ground water quality monitoring should be conducted once in 3 Months
 5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
 6. Rainwater shall be pumped out Via Settling Tank only
 7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
 8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
 9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
 10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
 11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
 12. The Project Proponent shall provide solar lighting system to the nearby villages
 13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever applicable.
 14. GPS coordinates for ground water table is to be provided.
 15. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation.
 16. Safty distance of 50m has to be provided incase of railway, reservoier, canal/odai
 17. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarring operation, if the project site is located within 10KM from National Park and Sanctuaries.

MINOR MINERALS - Rough Stone & Granite - 27.10.2015

Sl. No	F.No	Name of the proponent	Extent in ha.	SF.No	District	Recommendation of the Committee
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1	1919	Thiru C. Alagiyakoothan No 1/66, North Street Rajavallipuram Tirunelveli Taluk Tirunelveli - 627 357	3.37.0	S.F.No. 1800, 1801(P) Gangaikondan Village, Tirunelveli Taluk	Tirunelveli	Recommended
2	2466	Thiru M. Saravanan No 15/157H, New No 16/176, Palakad Main Road Marapalam, Madukarai Village Coimbatore South Taluk, Coimbatore - 641 105	3.74.0	S.F.No. 509, Madukkarai Village, Coimbatore South Taluk	Coimbatore	Recommended
3	2580	Thiru K. Ravikumar No 15/156B, Palakad Road Marapalam, Madukarai Village Coimbatore South Taluk, Coimbatore - 641 105	2.59.0	S.F.No. 57/1, Thambagoundamp alayam Village, Coimbatore South Taluk	Coimbatore	Recommended
4	2703	Thiru R.Anupkumar No: 2/467, 6th Main Road Gomathipuram Madurai - 625 001	4.80.0	S.F.No. 442/3(P), K.Pitchampatti Village, Karur Taluk	Karur	Recommended
5	2748	M/S V.V. Minerals, Thiru S. Jagadeesan (Partner) Keeraikaranthattu Tisayanvilai Tirunelveli - 627 657	3.72.5	S.F.No. 167/1, 167/2, 167/5, Irukkandurai Village, Radhapuram Taluk	Tirunelveli	Recommended
6	2749	M/S V.V. Minerals, Thiru S. Jagadeesan (Partner) Keeraikaranthattu Tisayanvilai Tirunelveli - 627 657	4.69.5	S.F.No. 450/2B, 450/4, 451/1, 451/2, 459(P), Irukkandurai Village, Radhapuram Taluk	Tirunelveli	Recommended
7	2780	M/s Karpaga Vinayaga Blue Metals Thiru P.K. Ponnusamy M.D Punnam Post Aravakurichi Taluk, Karur - 639 002	4.31.0	S.F.No. 989/1A2(P), 989/1B, 989/2, 991/2, Punnam Village, Aravakurichi Taluk	Karur	Recommended subject to the conditions

8	2912	Thiru S. K. Kesavanathan No 110, Sellappagoundan Valasu Pethampalayam Post Perundurai Taluk Erode - 638 052	1.24.5	S.F.No. 117/1, Chennimalai Village, Perundurai Taluk	Erode	Recommended
9	2984	Thiru P. Kandasamy Kariyampatti Karudayampalayam Village Aravakurichi Taluk, Karur - 639 111	4.88.5	S.F.No. 569/2, 569/3, 576/B3, 576/B4, 576/B5A(P), 576/B5B, Pavithram Village, Aravakurichi Taluk	Karur	Recommended
10	3022	Thiru A. Subbaraman D.No. 411 F, Kalaugumalai Road, Thiruvengkadam Town Post, Sankarankoil Taluk, Tirunelveli - 627 119	2.93.0	S.F.No. 908 & 914, Panaiyadipatti Village, Sivakasi Taluk	Virudhunagar	Recommended
11	3268	Thiru H. Karthik No 37/32-A, Ganthi Street Kalapatti Road, Civil Airport Coimbatore - 641 014	3.14.0	S.F.No. 406/1A, 1B1A, 1B1B, 406/1C1, 2A Panapatti Village, Kinathukadavu Taluk	Coimbatore	Recommended
12	3317	Thiru K. Kuppusamy No 3/25, Palathurai Village Madhukarai Taluk Coimbatore - 641 105	1.60.5	S.F.No. 100/4, Karunsamygounda mpalayam Village, Madhukarai Taluk	Coimbatore	Recommended
13	3347	Thiru A. Chandrasekar No 5/280, Kallipalayam Moodudurai Post Punjaipuliyampatti Village Sathyamangalam Taluk Erode - 638 459	2.90.5	S.F.No. 42/1, 42/2, 42/3, 42/4, 42/5, 42/6, Moodudurai Village, Mettupalayam Taluk	Coimbatore	Recommended
14	3384	Thiru K. Jaison Marathakkara Koonthalai House Tiruchur Taluk Kerala - 680 306	1.25.0	S.F.No. 175/2, 175/3, 176/1A1(P), Anupparpalayam Village, Pollachi Taluk	Coimbatore	Recommended
15	3524	R.Chinnathambi S/o Raji 2/120,Ku.Kuttapatty Village Thinnapatty post	2.07.0	S.F.No. 381/1&384/2, Veppilai Village, Omalur Taluk	Salem	Recommended subject to the conditions

		Omalur Taluk Salem-636306				
16	3617	Thiru A.Thangavelu No: 4/35, Karanampettai, Palladam Taluk, Tiruppur District - 641 401	2.35.5	S.F.No. 158/2A Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended subject to the conditions
17	3619	Thiru R.Ganesan C-7, Phase 1 Parson, Nanjundapuram Road, Coimbatore District - 641 036	2.19.0	S.F.No. 117/3(P), 117/4(P), 117/9A, 117/10A, 117/10B (P), 117/11A, 117/11B(P) & 117/12(P) Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended
18	3621	Thiru R.Subramanian 2/481, Senthur Illam, Sri Ranga Nagar, Sulur Taluk, Coimbatore District	1.21.5	S.F.No. 118/2A Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended
19	3622	Thiru J.Ashokachakravarthi Kondamanaickanur, Minnampalli Post, Namakkal Taluk, Namakkal District - 637 409	1.13.5	S.F.No. 160/2B, 160/3B & 160/4A Pottanam Village, Namakkal Taluk	Namakkal	Recommended
20	3624	Thiru M.Muthurathinam 4/98-A, Sengathurai, Sulur Taluk, Coimbatore District	1.81.5	S.F.No. 215/4 & 215/3A Ichipatti Village, Palladam Taluk	Tiruppur	Recommended subject to the conditions
21	3626	Thiru K.Boopathi 1/219, Manal Kaadu, Karanampettai Post, Palladam Taluk, Tiruppur District - 641 401	1.59.0	S.F.No. 158/2I Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended
22	3628	Thiru K.Shanmugam 1/449, Karanampettai, Palladam Taluk, Tiruppur District - 641 401	2.28.5	S.F.No. 27/1 & 10/8 Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended

23	3631	Thiru M.Ayyakkannu Kattulottai (po), Attur Taluk, Salem District	1.68.5	S.F.No. 2/2A2, 2/3, 2/4, 2/9A & 2/9B (Consent Patta Land) Kadaneri Village, Peraiyur Taluk	Madurai	Recommended subject to the conditions
24	3641	Thiru S. Kamalanathan No 12/A6, K.Kamaraj Nagar Ganapathi Coimbatore - 641 006	2.07.5	S.F.No. 348/1A Chinnakallipatti Village, Mettupalayam Taluk	Coimbatore	Recommended
25	3644	Thiru R. Krishnasamy 947 - B, Narsingapuram Krishnapuram Madathukulam Taluk Tiruppur	2.02.5	S.F.No. 513/2A1, 513/2A2(P), 513/2B(P) Myvadi Village, Madathukulam Taluk	Tiruppur	Recommended
26	3645	Thiru P.Santhanakrishnan No: 927-E, Narsingapuram, Myvadi, Madathukulam Taluk, Tiruppur District - 642 121	1.70.6	S.F.No. 610/1(P) Myvadi - II Village, Madathukulam Taluk	Tiruppur	Recommended
27	3646	Thiru R.Jagadeeswaran No:4/1136, Narsingapuram, Krishnapuram, Madathukulam Taluk, Tiruppur District	1.38.0	S.F.No. 688(P) Myvadi - II Village, Madathukulam Taluk	Tiruppur	Recommended
28	3648	Thiru K.Kumaresan Vazhukkuparai Othakalmandapam Via, Coimbatore District - 641 032	2.95.5	S.F.No. 89/1, 90/2A, 90/2B, 90/2C, 100/3A2, 100/3B & 100/4A2 Vazhukkuparai Village, Madukkarai Taluk	Coimbatore	Recommended
29	3654	Tvl. Dhanvanth Blue Metals S. Sivananda Vadivel, MD 9/1, Sadayapalayam Chinnathalakarai, Nagamanaikkanpatti Vellakoil, Kangeyam Tiruppur	1.87.5	S.F.No. 1033/A1A, 1033/C1, 1034/A1 Vellakoil Village, Kangeyam Taluk	Tiruppur	Recommended

30	3659	Thiru A.Ramalingam No.27, Therkuthottam, Othakalmandabam, Madukkarai Taluk, Coimbatore District - 641 032	0.92.0	S.F.No. 301/1A(P), 301/2A1(P) Othakalmandabam Village, Madukkarai Taluk	Coimbatore	Recommended
31	3677	Tvl. Amman Granites No.10/1, Deputy Collector Colony 1st Street, K.K.Nagar Madurai - 625 020	1.66.0	S.F.No. 71/2 Alampatti Village, Sattur Taluk	Virudhunagar	Recommended subject to the conditions
32	3699	Thiru D.R.Karuppasamy No.1/403, Devarayan Palayam Palladam Taluk, Tiruppur - 641 042	1.32.5	S.F.No. 102/1 Kodangipalayam Village, Palladam Taluk	Tiruppur	Recommended
33	3731	Thiru K. Vazhaithodathu Gounder 2/170, Murugan Koil Street Palathurai Coimbatore - 641 105	3.18.0	S.F.No. 80/2B & 81/2 Karunsamygounde npalayam Village, Madukkarai Taluk	Coimbatore	Recommended
34	3743	Tvl. TAB India Granites Pvt Ltd NH7, Nallaganakothapalli Krishnagiri Raod Koneripalli Post Hosur Taluk Krishnagiri - 635 117	1.86.0	S.F.No. 143/2(P) Immidinayakanpalli Village, Hosur Taluk	Krishnagiri	Recommended
35	4030	Tmt. V. Manivel Kallimettupalayam Kolumanguli Dharapuram Tiruppur-638601	3.47.0	S.F.No. 155/1 & 155/2 Kolumanaguli Village, Dharapuram Taluk	Tiruppur	Recommended
36	4236	Tmt. G. Prabha, No.3/65, Karichipalayam, Vettayankinaru, Perundurai Taluk, Erode - 638055	2.11.5	511/1, Karandapalli, Denkanikottai	Krishnagiri	Recommended
The following additional particulars have to be obtained from the proponent before placing the subject in the SEIAA for consideration of EC						
S. N	F.N o	Name of the proponent	Extent in ha.	SF.No	Conditions Specified by the Committee	

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1	278 0	M/s Karpaga Vinayaga Blue Metals Thiru P.K. Ponnusamy M.D Punnam Post Aravakurichi Taluk, Karur - 639 002	4.31. 0	S.F.No. 989/1A2(P), 989/1B, 989/2, 991/2, Punnam Village, Aravakurichi Taluk	1. 500m radius google map is to be provided 2. Certificate from the mining department about the details of other quarries proposed/Existing/Abandoned) within a radius of 500 m from the boundary of the quarry site 3. Certificate from the VAO stating the details of habitation within the 500 m radius from the boundary of the proposed site	
2	352 4	R.Chinnathambi S/o Raji 2/120,Ku.Kuttapatty Village Thinnapatty post Omalur Taluk Salem-636306	2.07. 0	S.F.No. 381/1&384/2, Veppilai Village, Omalur Taluk	1. 50 m safety distance are to be provided from the nearby	
3	361 7	Thiru A.Thangavelu No: 4/35, Karanampettai, Palladam Taluk, Tiruppur District - 641 401	2.35. 5	S.F.No. 158/2A Kodangipalayam Village, Palladam Taluk	1. 500m radius google map is to be provided 2. Certificate from the mining department about the details of other quarries proposed/Existing/Abandoned) within a radius of 500 m from the boundary of the quarry site 3. Certificate from the VAO stating the details of habitation within the 500 m radius from the boundary of the proposed site	
4	362 4	Thiru M.Muthurathinam 4/98-A, Sengathurai, Sulur Taluk, Coimbatore District - 641 401	1.81. 5	S.F.No. 215/4 & 215/3A Ichipatti Village, Palladam Taluk	1. 500m radius google map is to be provided 2. Certificate from the VAO stating the details of habitation within the 500 m radius from the boundary of the proposed site	
5	363 1	Thiru M.Ayyakkannu Kattulottai (po), Attur Taluk, Salem District	1.68. 5	S.F.No. 2/2A2, 2/3, 2/4, 2/9A & 2/9B (Consent Patta Land) Kadaneri Village, Peraiyur Taluk	1. 50 m safety distance are to be provided from the nearby	
6	367 7	Tvl. Amman Granites No.10/1, Deputy Collector Colony 1st Street, K.K.Nagar Madurai - 625 020	1.66. 0	S.F.No. 71/2 Alampatti Village, Sattur Taluk	1. 500m radius google map is to be provided	
Agenda Item No. 1						

The SEAC appraised the following project proposals 1. Savudu/Gravel/Saral/Earth/Brick Earth - 2 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
3. One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

1. Free silica test should be conducted and reported
2. Air Sampling at intersection point should be conducted and reported
3. Bunds to be provided at the boundary of the project site.
4. Ground water quality monitoring should be conducted once in 3 Months
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever applicable.
14. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

MINOR MINERALS - Savudu - 27.10.2015

Sl. No.	F.No	Name of the proponent	Extent in ha.	SF.No	Quantity	Recommendation of the Committee
1	3181	Thiru A. Ramkumar No 29, V.K.R.A.Illam Boddendrapuram Bodinaickanur Taluk Theni - 625 534	3.52.0	S.F.No. 28, Kunnur Village, Andipatti Taluk	Theni	Recommended
2	3235	Thiru A. Karuppiiah 2-151, Kuyavan Kulam Enathi Post Manamadurai Taluk Sivagangai - 630 562	1.36.0	S.F.No. 185/1, 2, 4 Keeranur Village, Melur Taluk	Madurai	Recommended

Agenda Item No. 1

The SEAC appraised the following project proposals 1. Granite & Rough Stone - 39 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
3. One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

1. Free silica test should be conducted and reported
2. Air Sampling at intersection point should be conducted and reported
3. Bunds to be provided at the boundary of the project site.
4. Ground water quality monitoring should be conducted once in 3 Months
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever applicable.
14. GPS coordinates for ground water table is to be provided.
15. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation.
16. Safty distance of 50m has to be provided incase of railway, reservoier, canal/odai
17. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarring operation, if the project site is located within 10KM from National Park and Sanctuaries.

MINOR MINERALS - Rough Stone & Granite 28.10.2015

Sl. No	F.No	Name of the proponent	Extent in ha.	SF.No	District	Recommendation of the Committee
1	3764	Tmt S.Latha W/o K.M. Subramaniyan No 12-6-5C/2 Kacheri Street Ganthi Nagar, Nilakottai	2.34.0	S.F.No. 297/1A2, 1A3, 1A4, 2B1, 2B2, 2B3, 2B4, 2B5, 298/3A, 3B, 304/1, 2, 3, 4, 305/1B, 317/2B, 317/2C1, 2C2,	Dindihul	Recommended subject to the conditions

		Dindigul - 624 208		2C3, 318/1C1, 1B2 Mallanampatti Village, Nilakottai Taluk		
2	3768	Thiru C.Vijay Trichy Road, Gangayampalayam , Sulur Taluk, Coimbatore District - 641 401	3.00.0	S.F.No. 161A/2 & 162A/1(P) Arasampalayam Village, Kinathukadavu Taluk	Coimbatore	Recommended
3	3774	Tvl. Bannari Amman Sugars Limited No.1212, Trichy Road, Coimbatore District - 641 018	3.43.5	S.F.No. 532/1A1, 528/1A & 527/1 Puligunda Village, Krishnagiri Taluk	Krishnagiri	Recommended subject to the conditions
4	3802	Tvl.Yencee Blue Metals Pvt. Ltd. K.T.Chenthamara (Managing Director), Kanalpudur, Puravipalayam, Pollachi Taluk, Coimbatore District - 642 110	1.75.0	S.F.No. 504/2A & 504/2B Puravipalayam Village, Pollachi Taluk	Coimbatore	Recommended
5	3822	Thiru A. Nandhakumar No 79-D, Avinashi Road Annur Coimbatore - 641 653	1.17.0	S.F.No. 78/1(P), 420(P) Chikaramapalaya m Village, Mettupalayam Taluk	Coimbatore	Recommended subject to the conditions
6	3824	Thiru P. Mayilvaganam Proprietor of M/s Swathi Exports No 24F, Indira Ganthi Road Fairlands Salem District 636 016	4.94.5	S.F.No. 142/1 Sullipalayam Village, Paramathivelur Taluk	Namakkal	Recommended
7	3825	Thiru M. Valsalakumari W/o Kumaresan Moolakottuvilai Veedu Painkulam Post Kanniyakumari	0.40.5	S.F.No. 409/4A5A(P), 409/4A5C, 409/4A5D Nattalam Village, Vilavancode Taluk	Kanniyakumari	Recommended subject to the conditions

8	3828	Thiru M. Srinivasan E.Mettuputhur Arasur Sathy Taluk Erode - 638 402	2.00.0	S.F.No. 70/9 South Part Goundampalaya m Village, Gobichettipalaya m Taluk	Erode	Recommended subject to the conditions
9	3849	Thiru. A. Ramabrahmam Project Manager M/s. Dilip Buildcon Limited Pillaivayal Kalamman Kovil Street Sivagangai - 630553	2.14.80	S.F.No. 131/2C2, 131/2B, etc. Vadavanpatti Village, Thirupattur Taluk	Sivagangai	Recommended subject to the conditions
10	3866	Thiru. P. Muthuraj No.3/210/2, Jalagandeswarar Nagar Alasanatham Hosur, Krishnagiri	1.55.5	S.F.No. 1236/2 (P) Kamandhoddi Village, Hosur Taluk	Krishnagiri	Recommended subject to the conditions
11	3904	Thiru. K. Rajeswaran Pallikonam Near Krishnan Koil Arumanai Kanyakumari- 629152	1.22.0	S.F.No. 486/5 Kaliyal Village, Vilavancode Taluk	Kanyakumari	Recommended subject to the conditions
12	3916	Thiru. R. Andichamy Vanjinagaram Ambalakaranpatti Melur Madurai-625101	0.41.0	S.F.No. 454/5, 455/1 (Patta Land) Vanjinagaram Village, Melur Taluk	Madurai	Recommended
13	3918	Thiru. D. Rajesh Veerasudamani Patti Vanji Nagaram Melur Madurai-625101	1.35.5	S.F.No. 22/1 & 22/2 (Patta Land) Katchairayanpatti Village, Melur Taluk	Madurai	Recommended
14	3922	Thiru J.K.M.Jeyaprakash 330, Salem main road, Annai Illam, Kumarapalayam, Tiruchengode Taluk Namakkal District	1.00.0	S.F.No. 10 (Part) Punjaithuraiyamp alayam Village, Gobichettipalaya m Taluk	Erode	Recommended subject to the conditions

15	3378	Thiru N. Muniraj Thrichipalli Village Thorapalli Post Hosur Taluk Krishnagiri - 635 109	4.92.0	S.F.No. 285(P), Venkatesapuram Village, Hosur Taluk	Krishnagiri	Recommended subject to the conditions
16	3326	Thiru M. Venkata raj 387, Thieppepalli Village Bukkasagaram Post Hosur Taluk Krishnagiri - 635 201	3.00.0	S.F.No. 809(Part 21), Alur Village, Hosur Taluk	Krishnagiri	Recommended subject to the conditions
17	3795	M/s. Sri Vishnu Exports No.11, SBI Officers Colony, Ayyanavaram, Chennai - 600 023	2.31.0	S.F.No. 87/2F, 89/1A & 89/1D Kuzhundirampatt u Village, Tirukoilur Taluk	Villupuram	Recommended
18	3716	M/s Pon Vinayaga Blue Metals Karudaiyampalaya m, K.Parmathi (Via), Aravakurichi Taluk, Karur District	4.94.0	S.F.No. 453/1(P), 455/A1(P), 455/A2(P), etc., Karudaiyampalay am Village, Aravakurichi Taluk	Karur	Recommended
19	4035	M/s. Vinayaga Blue Metals Kurumbapatti Pavithiram Aravakurichi Taluk, Karur	4.74.0	S.F.No. 463/1, 463/2, 464/2, 464/3 & 471 (Part) (Patta Land) Kuppam Village, Aravakurichi Taluk	Karur	Recommended
20	3923	Thiru J.K.M.Jeyaprakash 330, Salem main road, Annai Illam, Kumarapalayam, Tiruchengode Taluk Namakkal District	2.00.0	S.F.No. 10 (Part) Punjaithuraiyamp alayam Village, Gobichettipalaya m Taluk	Erode	Recommended subject to the conditions
21	3940	Thiru Sadhaknawas, Owner No 25, Wallace Garden 3rd street Chennai - 600 006	0.50.0	S.F.No. 105 (part - I) Periyakolapadi Village, Chengam Taluk	Thiruvannamalai	Recommended

22	3948	Thiru. M. Samuel Maria Selvakumar D.No.2/32, Middle Street Tiruchuli taluk Virudhunager District - 626 129	2.02.5	S.F.No. 53/5B,6,7,8,9,10, 11 & 12 (Patta Land) Sundakottai Village, Aruppukottai Taluk	Virudhunagar	Recommended
23	3961	M/s. Kadmaba Granite 26 & 27, Hanumanthapuram Denkanikottai Krishnagiri	1.20.5	S.F.No. 26/6 & 27/1A Anumanthapura m Village, Denkanikottai Taluk	Krishnagiri	Recommended subject to the conditions
24	3987	Thiru. G. Cicily No.19-195, Kuzhijanvilai Sooryacode Kanniyakumari- 629190	0.25.0	S.F.No. 856/1 (Patta land) Mecode Village, Kalkulam Taluk	Kanniyakumari	Recommended subject to the conditions
25	3998	Tmt. Mercy Roslin No. 67C. T.P.K. Road Pazhanganatham Madurai- 9765180391	1.25.5	S.F.No. 17/26 & 17/27 Krishnapuram Village, Vadipatti Taluk	Madurai	Recommended
26	4019	Thiru. M. Mohamed Salarutheen No. 99/1, Noor Veera 2nd Street Nungambakkam Chennai-600 034	4.85.9	S.F.No. 305/1, 305/3 (P), 306/2, 309/2, 311/1 & 312/1 Udhayathur Village, Radhapuram Taluk	Tirunelveli	Recommended
27	4020	Thiru. A. Abdul Salam No.920, Alasanatham Road Hosur Krishnagiri-635109	2.30.0	S.F.No. 437 (P) Javadevipalayam Village, Krishnagiri Taluk	Krishnagiri	Recommended
28	4022	Tmt. R. Sakkubai M/s. Raj Granites No.18, C.K. Srinivasa Rao Street Dharmapuri 636701	2.04.5	S.F.No. 370 (P), 376/2A1, 377/1B2, 377/2B2, 377/3A, 377/3B Puligunda Village, Krishnagiri Taluk	Krishnagiri	Recommended
29	4166	Tmt. P. Dhanabakkiyam Tindamangalam Panakattur Omalur Taluk Salem-636455	0.99.0	S.F.No. 288/3 Veppilai Village, Omalur Taluk	Salem	Recommended

30	4172	Thiru Selvam, Kammakarai, Pandiyan Nagar, Ko.Puthur Post, Madurai - 625 007	2.00.0	24/1(P), Kachirayanpatti, Melur, Madurai	Madurai	Recommended
31	4175	Thiru. R. Saravana Kumar, No.4/578, Nanchappa Nagar, P. Vellalapalayam, Gopichettipalayam, Erode 638 476	0.40.5	40/1A, Punjaithuraiyamp alayam 'B', Gopichettipalaya m, Erode	Erode	Recommended subject to the conditions
32	4185	Thiru. S.A. Palanisamy, Annur, Annur Village, Coimbatore North Taluk, Coimbatore District	3.01.5	8,14/2,14/3, , Anjanur, Gobichettipalaya m, Erode	Erode	Recommended
33	4201	Thiru. N. Krishnavarman Lakshmi Bhavan Paraseri Chunkankadai Kanyakumari- 629807	0.53.0	S.F.No. 397/1B Villukuri Village, Kalkulam Taluk	Kanniyakumari	Recommended
34	4205	Thiru. M. Pandi No.190, Middle Street Ulagani Thirumangalam Madurai-625022	2.20.0	S.F.No. 3/1, 2, 3, 4, 5, 6 & 9 (Patta Land) Achankulam Village, Thirumangalam Taluk	Madurai	Recommended
35	4215	Thiru. P. Kishore, No.187, Poonga Avenue, Nesamony Nagar, Nagercoil	1.67.0	453/1, 2, 3, 4, 5 & 7 (Patta Land), Thazhakudi, Thovalai, , Kanniyakumari	Kanniyakumari	Recommended
36	4257	Thiru. P. Anitha Rajabai, No.1/52A, Kadamalai Kuntu, Kanniyakumari - 620166	1.43.5	521/3A & 521/4B, , Ponmanai, Kalkulam, Kanniyakumari	Kanniyakumari	Recommended
37	4275	Thiru. G. Gopalakrishnan No.588, West 4th Street K.K. Nagar Madurai-625020	2.52.42	S.F.No 17/9A, 10A(P), 11A, 18/9, 10, 12, 19/12A 12B1 & 12B2(P) Keelamangalam Village Ottapidaram Taluk	Thoothukudi	Recommended

38	3424	Thiru M. Palani Peygopuram 9th Street Tiruvannamalai - 606 601	4.80.0	S.F.No. 442/3(P), K.Pitchampatti Village, Karur Taluk	Karur	Recommended
39	4408	Thiru G.Ashoka Nehru nagar, Hosur, Krishangiri District	1.20.0	S.F. No.1172 Nagamangalam Village, Denkanikottai Taluk	Krishnagiri	Recommended
1	3745	Thiru M.Murugan No.22, Vishwanathapuram, Nanganallur, Chennai	3.14. 25	S.F.No. 44/1(P) Oragadam Village, Sriperumbudur Taluk	1. 500m radius google map is to be provided	
2	3764	Tmt S.Latha W/o K.M. Subramaniyan No 12-6-5C/2 Kacheri Street Ganthi Nagar, Nilakottai Dindigul - 624 208	2.34. 0	S.F.No. 297/1A2, 1A3, 1A4, 2B1, 2B2, 2B3, 2B4, 2B5, 298/3A, 3B, 304/1, 2, 3, 4, 305/1B, 317/2B, 317/2C1, 2C2, 2C3, 318/1C1, 1B2 Mallanampatti Village, Nilakottai Taluk	1. EC may be considered after receipt of the evident about the proponent about 750 Neem tree plantation	
3	3774	Tvl. Bannari Amman Sugars Limited No.1212, Trichy Road, Coimbatore District - 641 018	3.43. 5	S.F.No. 532/1A1, 528/1A & 527/1 Puligunda Village, Krishnagiri Taluk	1. Environmental monitoring report to be submitted 2. Details of existing CSR activities are to be obtained	
4	3822	Thiru A. Nandhakumar No 79-D, Avinashi Road Annur Coimbatore - 641 653	1.17. 0	S.F.No. 78/1(P), 420(P) Chikaramapalayam Village, Mettupalayam Taluk	1.500m radius google map is to be provided 2. Certificate from the VAO stating the details of habitat within the 500 m radius from the boundary of the proposed site	
5	3825	Thiru M. Valsalakumari W/o Kumaresan Moolakottuvilai Veedu Painkulam Post Kanniyakumari	0.40. 5	S.F.No. 409/4A5A(P), 409/4A5C, 409/4A5D Nattalam Village, Vilavancode Taluk	1. The over lay should be restricted only to a depth of 1 the General profile. 2. The top soil should be preserved in the safety zone and proponent should not dispose the top soil outside the quarry. 3. Control blasting should be carried out only by the competent Statutory Manager. 4. Thick vegetation / trees should be planted inside the property of the proponent 5. Regular monitoring should be carried by the District Authority 6. The mining should be closed in stipulated lease period	

6	3828	Thiru M. Srinivasan E.Mettuputhur Arasur Sathy Taluk Erode - 638 402	2.00. 0	S.F.No. 70/9 South Part Goundampalayam Village, Gobichettipalayam Taluk	1.Furnish the distance between the nearby odai/river 2. Certificate from the mining department about the det other quaerries proposed/Existing/Abandoned) within a 500 m from the boundary of the quarry site	
7	3849	Thiru. A. Ramabrahmam Project Manager M/s. Dilip Buildcon Limited Pillaivayal Kaliyamman Kovil Street Sivagangai - 630553	2.14. 80	S.F.No. 131/2C2, 131/2B, etc. Vadavanpatti Village, Thirupattur Taluk	1. Depth of mining restricted to 50 m 2. Mine closure plan are to be provided	
8	3866	Thiru. P. Muthuraj No.3/210/2, Jalagandeswarar Nagar Alasanatham Hosur, Krishnagiri	1.55. 5	S.F.No. 1236/2 (P) Kamandhoddhi Village, Hosur Taluk	1. Depth of mining restricted to 20 m 2. GPS coordinates for ground water table is to be provided	
9	3904	Thiru. K. Rajeswaran Pallikonam Near Krishnan Koil Arumanai Kanyakumari- 629152	1.22. 0	S.F.No. 486/5 Kaliyal Village, Vilavancode Taluk	1. Depth of mining restricted to 20 m 2. GPS coordinates for ground water table is to be provided 3.EC may be considered after receipt of the evident obta the proponent about 750 Neem tree plantation	
10	3922	Thiru J.K.M.Jeyaprakash 330, Salem main road, Annai Illam, Kumarapalayam, Tiruchengode Taluk Namakkal District	1.00. 0	S.F.No. 10 (Part) Punjaithuraiyampalay am Village, Gobichettipalayam Taluk	1. Details of green belt development are to be furnished 2. Details of existing CSR activities are to be obtained	
11	3923	Thiru J.K.M.Jeyaprakash 330, Salem main road, Annai Illam, Kumarapalayam, Tiruchengode Taluk Namakkal District	2.00. 0	S.F.No. 10 (Part) Punjaithuraiyampalay am Village, Gobichettipalayam Taluk	1. Details of green belt development are to be furnished 2. Details of existing CSR activities are to be obtained	
12	3940	Thiru Sadhaknawas, Owner No 25, Wallace Garden 3rd street Chennai - 600 006	0.50. 0	S.F.No. 105 (part - I) Periyakolapadi Village, Chengam Taluk	1.500m radius google map is to be provided 2. Certificate from the VAO stating the details of habitat within the 500 m radius from the boundary of the propo site	

The SEAC appraised the following project proposals 1. Savudu/Gravel/Saral/Earth - 13 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
3. One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

1. Free silica test should be conducted and reported
2. Air Sampling at intersection point should be conducted and reported
3. Bunds to be provided at the boundary of the project site.
4. Ground water quality monitoring should be conducted once in 3 Months
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever applicable.
14. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarring operation, if the project site is located within 10KM from National Park and Sanctuaries.
15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

MINOR MINERALS (Savudu)

Sl. No	F.No	Name of the proponent	Extent in ha.	SF.No	District	Recommendation of the Committee
1	3745	Thiru M.Murugan No.22, Vishwanathapuram, Nanganallur, Chennai	3.14.25	S.F.No. 44/1(P) Oragadam Village, Sriperumbudur Taluk	Kanchipuram	Recommended subject to the conditions
2	3746	Thiru R.Rajasekaran, Perumpakkam Village and Post, Vanur Taluk, Villupuram District	3.15.0	S.F.No. 313/2(P) Navalur Village, Sriperumbudur Taluk	Kanchipuram	Recommended

3	3748	Thiru R.Rajasekaran, No.190, Perumbakkam Village, Vanur Taluk, Villupuram District	3.17.2	S.F.No. 42/1(P) Oragadam Village, Sriperumbudur Taluk	Kanchipuram	Recommended
4	3860	Thiru. E. Karthick No.3/62, Mikelpattinam Kaloorani Sivagangai 630561	4.79.5	S.F.No. 189 (P) Kalluvayal Village, Karaikudi Taluk	Sivagangai	Recommended
5	3744	Thiru R. Karthick Kavalpatti Village Ponneri Taluk Thiruvallur	3.18.0	S.F.No. 296(P) Sengarai Village, Uthukottai Taluk	Tiruvallur	Recommended
6	3936	Thiru. R. Rajadurai No.1, Kaliyamman Kovil Street Sirkazhi Nagapattinam- 609110	4.00.0	S.F.No. 453/1 Pt. Vettangudi Village, Sirkazhi Taluk	Nagapattinam	Recommended
7	3970	Thiru. M. Thivakaran No.885, Vadakankulam Vadakankulam Tirunelveli-627 116	1.54.5	S.F.No. 303/4, 6, 7(P), 9 & 10 Aralvaimozhi (South) Village, Thovalai Taluk	Kanniyakumari	Recommended
8	4112	Thiru. N. Mohan No.4/31, Pillaiyarkoil Street Karambakkam Porur Chennai 600116	3.15.0	S.F.No. 1 (P) Redhills Village, Madavaram Taluk	Tiruvallur	Recommended
9	4113	Thiru. N. Mohan No.4/31, Pillaiyarkoil Street Karambakkam Porur Chennai 600116	3.15.0	S.F.No. 185 (P) Alamathi Village, Ponneri Taluk	Tiruvallur	Recommended
10	4114	Thiru. C.P.R. Balakrishnan No.24/41, K.K.Salai Mahalingam Nagar Saligramam Chennai 600093.	3.15.0	S.F.No. 234 (P) Pothur Village, Ambattur Taluk	Tiruvallur	Recommended
11	4115	Thiru. A. Joseph Selvam No.1/171A, Panangudi Karaikudi	4.95.0	S.F.No. 260 (P) Aranmanai Siruvayal Village, Karaikudi Taluk	Sivagangai	Recommended

		Sivagangai					
12	4116	Thiru. E. Kanthasamy No.277, Periyakiluvachi Paruthikanmoi Sivakasi taluk Sivagangai	4.49.5	S.F.No. 201/2, 201/5, 201/6, 184/3 & 184/5 Panangadi Village, Sivagangai Taluk	Sivagangai	Recommended	
13	4117	Thiru. C.P.R. Balakrishnan No.24/41, K.K.Salai Mathiyazhagan Nagar Saligramam Chennai-93	4.41.0	S.F.No. 537/2 (P) Palavedu Village, Tiruvallur Taluk	Tiruvallur	Recommended	