
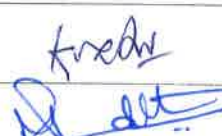






/

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

<b>85<sup>th</sup> - 12</b>  <b>F.6119/</b> <b>2017</b>	<p>Proposed Expansion of the Hospital building with total Built up area = 35529.48 Sq. m by M/s. Royal Care Super Specialty Hospital Limited, at S.F.No.554/2B,554/3,554/4B1,555/1,555/2A,555/3A,555/4A of Neelambur Village, Suler Taluk, Coimbatore District – Seeking Environmental Clearance - Schedule S. No. 8 (a) of Category “B” – Building and Construction project - Regarding.</p>
	<p style="text-align: center;">The Proponent of M/s. Royal Care Super Specialty Hospital Limited has applied for Environment Clearance for the Proposed construction of Hospital building, at .F.No.554/2B, 554/3, 554/4B1,555/1,555/2A,555/3A,555/4A of Neelambur Village, Suler Taluk, Coimbatore District.</p> <p>The Committee observed that the above project comes under Item No 8 (a) of the Schedule. After the presentation made by the proponent 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"><li>1. Project proponent shall take care of Biodegradable waste generated in their health care facility.</li><li>2. Rainwater from the stretch provided shall connect to the NH 544 L &amp; T by pass storm Water drain once it is ready.</li><li>3. Green belt should be developed all along the boundary of the hospital building and furnish the photographs etc before the issuance of EC.</li></ol>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

	4. Breakup details of CSR activity in yearwise along with fund allocation and area of investment should be furnished.		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	

  
**Member-Secretary,**







**SEAC**

  
**Chairman, SEAC**

## Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017

<p><b>85<sup>th</sup> - 14</b></p> <p><b>F.4135/2015</b></p>	<p>Proposed expansion in LPG Bottling capacity from 44000 TPA To 150000 TPA by M/s. Indian Oil Corporation Ltd, at S.F.No. 78/1,4a,4b,5,6 Etc Of Kolambakkam Village, Madhuranthagam Taluk, Kancheepuram District- Seeking Environmental Clearance - Schedule S. No. 6 (b) of Category "B" – Isolated Storage &amp; Handling Of Hazardous Chemicals (As Per Threshold Planning Quantity Indicated In Column 3 Of Schedule 2 &amp; 3 of MSIHC Rules 1989 Amended 2000)- Regarding.</p>
	<p style="text-align: center;">The Proponent of M/s. Indian Oil Corporation Ltd has applied for Environment Clearance for the Proposed Expansion In LPG Bottling capacity from 44000 TPA To 150000 TPA by M/s. Indian Oil Corporation Ltd, at S.F.No. 78/1,4a,4b,5,6 Etc Of Kolambakkam Village, Madhuranthagam Taluk, Kancheepuram District</p> <p style="text-align: center;">The Committee observed that the above project comes under Item No 6 (b) of the Schedule. After the presentation made by the proponent 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"> <li>1. Copy of the News paper Advertisement released for public hearing for the proposed expansion project for the conducted public hearing.</li> <li>2. To furnish an affidavit with attestation from Notary stating that the employment for the local village people will be considered.</li> <li>3. Details of Ambient Air Quality predication modelling data for the expansion activity.</li> <li>4. Details of exact number of flora in buffer and core area.</li> <li>5. To submit the methodology and density of bio-diversity including environment protection plan and wetted by the District forest officer.</li> <li>6. To furnish the recent safety audit report.</li> </ol>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

	7. Copy of NOC from National Board for Wildlife (NBWL).		
<b>S.No</b>	<b>Name</b>	<b>Designation</b>	<b>Signature</b>
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	



  
**Member-Secretary,**  
**SEAC**

  
**Chairman, SEAC**

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

<p><b>85<sup>th</sup> - 16.</b></p> <p><b>5708/2016</b></p>	<p>Proposed construction of Commercial Project by M/S. Perungudi Real Estates Pvt Ltd at Survey Nos. 134/1A2A (Part of old S.No. 134/1) &amp; 134/2A1 (Part of old S.No 134/2&amp;134/3), Pallavakkam Village, Sholinganallur Taluk, Kancheepuram District – Seeking issue of Environment Clearances – under Schedule item No. 8 (b) – Townships and Area Development projects of Category “B” - Regarding.</p>
	<p>The Proponent of M/S. Perungudi Real Estates Pvt Ltd has applied for Environment Clearances for the Proposed construction of Commercial Project by M/S. Perungudi Real Estates Pvt Ltd at Survey Nos. 134/1A2A (Part of old S.No. 134/1) &amp; 134/2A1 (Part of old S.No 134/2&amp;134/3), Pallavakkam Village, Sholinganallur Taluk, Kancheepuram District.</p> <p>The Committee further observed that the above project comes under Item No 8 (b) of the Schedule. After the presentation made by the proponent the Committee decided to recommend the proposal for the grant of EC to SEIAA subject to the following additional conditions:</p> <ol style="list-style-type: none"> <li>1. The proponent shall comply with the E-waste (Management) Rules, 2016 and Hazardous waste and other waste (Management and Transboundary Movement) Amendment Rules, 2016.</li> </ol>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaraman	Co-opt Member	

  
**Member-Secretary,  
SEAC**

  
**Chairman  
SEAC**

## Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017

<p><b>85<sup>th</sup> – 01.</b> <b>F. 5953/2016.</b></p>	<p>Proposed construction of Residential Building by M/s. Casa Grande Coimbatore LLP, at R.S.No.29//2, 3/2, 31/2A,32/1, 32/2, 33/1A1A of Kalapatti Village, Coimbatore North Taluk, Coimbatore District – Seeking Environmental Clearance - Schedule S. No. 8(a) of Category “B” – Building and Construction projects - Regarding.</p>
	<p>The Proponent M/s. Casa Grande Coimbatore LLP has applied for Environment Clearance for the proposed construction of Residential Building with built-up area of 38814.83 Sq.m in the total land area of 41333.46 Sq.m at R.S.No.29/2, 30/2, 31/2A,32/1, 32/2, 33/1A1A of Kalapatti Village, Coimbatore North Taluk, Coimbatore District.</p> <p><b>The Committee observed that the above project comes under Item No 8(a) of the Schedule.</b> After the presentation made by the proponent, the Committee <b>decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</b></p> <ul style="list-style-type: none"> <li>i) Certificate from competent authority stating that the proposed construction for residential building at R.S.No.29/2, 30/2, 31/2A,32/1, 32/2, 33/1A1A of Kalapatti Village, Coimbatore North Taluk, Coimbatore District does not encroach water bodies, catchment area, Drain area of the Lakes, Nallas, Tanks, Streams, etc.</li> <li>ii) To furnish an affidavit with attestation from Notary stating that the project proponent is responsible for managing the treated sewage for the agriculture purpose and also to furnish alternate proposal for the use of treated sewage, in case agricultural reuse is not possible.</li> </ul>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaram	Co-opt Member	

  
Member-Secretary,  
SEAC

  
Chairman,  
SEAC



## Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017

<p><b>85<sup>th</sup> – 02.</b> <b>F. 6054/2016.</b></p>	<p>Proposed construction of Residential Building by Mr. K.R. Anerudan at R.S.No.386/3B1 to 386/3B9 of Perungalathur Village, Tambaram Taluk, Kanchipuram District – Seeking Environmental Clearance - Schedule S. No. 8(a) of Category “B” – Building and Construction projects - Regarding.</p>
	<p>The Proponent Mr. K.R. Anerudan has applied for Environment Clearance for the proposed construction of Residential Building with built-up area of 33824.05 Sq.m in the total land area of 16174.9 Sq.m at R.S.No.386/3B1 to 386/3B9 of Perungalathur Village, Tambaram Taluk, Kanchipuram District.</p> <p><b>The Committee observed that the above project comes under Item No 8(a) of the Schedule.</b> After the presentation made by the proponent, the Committee <b>decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</b></p> <ul style="list-style-type: none"> <li>i) Certificate from competent authority stating that the proposed construction for residential building at R.S.No.386/3B1 to 386/3B9 of Perungalathur Village, Tambaram Taluk, Kanchipuram District does not fall in the encroachment of water bodies, catchment area, Drain area of the Lakes.</li> <li>ii) To relocate the STP to the eastern side, since the proposed STP is nearby Adyar Odai and accordingly furnish revised layout plan.</li> <li>iii) To furnish affidavit with attestation from Notary that they are liable for operation and maintenance of STP for 10 years from the date of operation of the project.</li> <li>iv) Revised STP design with SBR instead of proposed conventional STP.</li> <li>v) To execute and furnish copy of MOU with the nearby farmers for reuse of treated sewage for agriculture purpose and alternate proposal for disposal of treated sewage, in case agricultural reuse is not feasible.</li> <li>vi) The proponent shall furnish undertaking stating that the storm water drain would not carry any untreated (or) treated sewage.</li> <li>vii) To Allocate CSR fund towards strengthening of bund and de-silting of nearby water bodies in consultation with the competent authority.</li> </ul>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaraman	Co-opt Member	

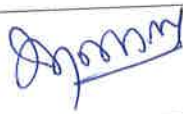



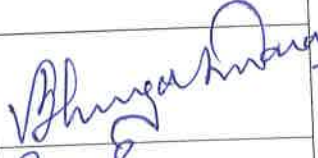



  
Member-Secretary,  
SEAC

  
Chairman,  
SEAC

## Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017

<p>85<sup>th</sup> – 03. F.6369/2017.</p>	<p>Proposed expansion of Hospital by M/s. Kovai Medical Centre and Hospital Ltd., at RS.No.751/1,3A,752/2B,4,768/2A3,2B2,769/4,5,6,8,9,10,11,770/1 to 11,12pt, 13, 16,17,18,&amp; 771/6 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District – Seeking Environmental Clearance - Schedule S.No. 8(a) of Category “B” – Building and Construction projects - Regarding.</p>
	<p>The Proponent of “M/s. Kovai Medical Centre and Hospital Ltd” has applied for Environment Clearance for the proposed expansion of Hospital for housing 1650 Nos. of bed (Inpatient) and 2500 Nos. of outpatient with total built-up area of 1,22,886 Sq.m at RS.No.751/1,3A,752/2B,4,768/2A3,2B2,769/4,5,6,8, 9,10,11,770/1 to 11,12pt, 13, 16,17,18,&amp; 771/6 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District.</p> <p><b>The Committee observed that the above project comes under Item No 8(a) of the Schedule.</b> After the presentation made by the proponent on 30.03.2017, the Committee directed the project proponent to produce the following details:</p> <p>Copy of photographs showing STP, Green belt area, Fire &amp; Safety system, Storm water drain, Rain water Harvesting, Bio-Medical Waste collection, storage, &amp; disposal in the existing health care facility.</p> <p><b>In this connection, the proponent made re - presentation before the committee on 31.03.2017 along with the requested details. Considering, among the other things, the details furnished in the re – presentation, committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the details of tree plantation as per previous EC.</b></p>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 31<sup>st</sup> March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaram	Co-opt Member	

  
Member-Secretary, SEAC

  
Chairman, SEAC

## Minutes of the 85<sup>th</sup> SEAC Meeting held on 31st March 2017

<p><b>85<sup>th</sup> - 04</b></p> <p><b>F.5078/2016</b></p>	<p>Proposed construction of 1920 tenements with a built up area of 71405 Sq. m by M/s. Tamil Nadu Slum Clearance Board, at S.F.No. 18 &amp; 20/1, Pudukkottai North Village, Pudukkottai Taluk, Pudukkottai District – Seeking Environmental Clearance - Schedule S. No. 8 (a) of Category “B” – Building and Construction project - Regarding.</p>
	<p>The Proponent of M/s. Tamil Nadu Slum Clearance Board has applied for Environment Clearance for the Proposed construction of Hospital building, at S.F.No. 18 &amp; 20/1, Pudukkottai North Village, Pudukkottai Taluk, Pudukkottai District.</p> <p>The Committee observed that the above project comes under Item No 8 (a) of the Schedule. After the presentation made by the proponent the Committee decided to call for following details and make a re-presentation on 31.03.2017:</p> <ol style="list-style-type: none"> <li>1. Surplus canal from the proposed project site to the nearby Lake shall be maintained by the Project proponent, for driving the excess runoff from the project site.</li> <li>2. Permission should be obtained from the Forest Department.</li> <li>3. Details of the sewer pipeline connecting the project site to the nearest underground drainage system in Pudukkottai shall be furnished.</li> <li>4. The biodegradable municipal solid waste should be composed and reused in the project site.</li> <li>5. The proponent should furnish the details of the quality of the water proposed to be supplied to the people.</li> </ol> <p>Accordingly the proponent made a re-presentation on 31.03.2017 along with the details requested for. Considering the details,</p>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 31st March 2017**

	among other things, the committee decided to recommend for grant of EC to SEIAA		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	

  
Member-Secretary,

SEAC

  
Chairman, SEAC

**Minutes for the Mining proposals (Minor Minerals) for the 85th Meeting of the SEAC held on 31.03.2017**

**Agenda Item**

The SEAC appraised the following project proposals Granite ; 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 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 relevant rules and regulations where ever applicable.
14. 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.
15. Safe distance of 50m has to be provided in case of railway, reservoir, canal/odai
16. 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.
17. Safety equipments to be provided to all the employees.
18. 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.
19. Name board shall be displayed in case of existing quarries with details of Proponent, lease period, extent, etc.
20. Dumping site must be within the lease or the concerned authority will permit to dispose of the waste at a particular site.

**\*Environmental Clearance may be considered for the following projects subject to incorporating the additional conditions in the EC**

1. The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease.
2. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease.
3. The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in the earmarked boundary of the quarry site to monitor electronically before execution of mining.
4. The Proponent has to carry out the Resistivity survey through authorized experts/institutes for Ground water table and based on the report, the Assistant/Deputy Director of Department of Geology & mining shall ensure that the depth of mining shall be restricted as per the MMCR, 1959 before execution of the mining lease.
5. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
6. Permission may be obtained from the competent authority for using heavy earth machineries wherever required.



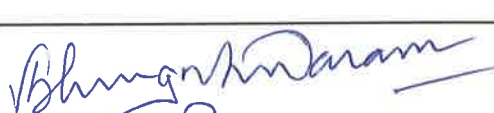
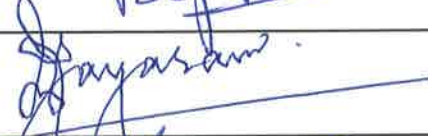



**MINOR MINERALS -Granite (2 Nos ) 31.03.2017**

Sl. No.	F.No	Name of the proponent	Extent in ha.	SF.No	District	Recommendation of the Committee
1	3885	M/s. Tamil Nadu Minerals Limited, 31, Kamarajar Salai, TWAD House, Chepauk, P.B.No.2961, Chennai - 600 005	13.21.5	S.F.No. 877 Ajjanahalli Village, Pennagaram Taluk	Dharmapuri	Recommended Subject to Condition that on receipt of Two sets of Solar Lamps to be provided in the nearby Village as part of CSR

2	4051	M/s. Tamil Nadu Minerals Limited, 31, Kamarajar Salai, TWAD House, Chepauk, P.B.No.2961, Chennai - 600 005	7.16.5	S.F.No. 331/1 (Part) Nagojanahalli Village, Pochampalli Taluk	Krishnagiri	Recommended Subject to Condition that on receipt of the following details 1) Production details of Mining already done. 2) Dump Management plan with photograph of evidence. 3) Two sets of Solar Lamps to be provided in the nearby Village as part of CSR
---	------	--	--------	--	-------------	---

**\*Environmental Clearance may be considered for the above projects subject to incorporating the following additional conditions in the EC for the Existing Lease**

1. The EC is valid only if the scheme of the mining plan is approved by the Commissioner of Geology & Mining or any officers nominated on his behalf.
2. If there is any change in the proposal of production or handling the waste amendment has to be submitted to SEIAA for further approval.
3. This EC is approved as per the G.O.No. 79 & Rule 41 & 42 of Tamil Nadu Mining Mineral Concession Rule 1959.

Sl. No	Name and position	Signature
1	Dr. K. Thanasekaran Member	
2	Dr. A. Navaneetha Gopalakrishnan Member	
3	Dr. K. Valivittan Member	
4	Dr. Indumathi M. Nambi Member	
5	Dr. G. S. Vijayalakshmi Member	
6	Dr. M. Jayaprakash Member	
7	Shri. V. Sivasubramanian Member	
8	Shri V. Shanmugasundaram Member	
9	Shri B. Sugirtharaj Koilpillai Member	
10	Shri M.S. Jayaram Co-opt member	
11	Shri P. Balamadeswaran Co-opt member	
 <b>MEMBER SECRETARY-SEAC</b>		 <b>CHAIRMAN-SEAC</b>



**Minutes for the Mining proposals (Minor Minerals) for the 85th Meeting of the SEAC held on  
31.03.2017**

**Agenda Item**

The SEAC considered the following project proposals along with approved mining plan, Pre-feasibility reports and other supporting documents in detail seeking Environmental Clearance for mining of minor minerals. The SEAC appraised the Project proposals furnished by the proponent in detail and took into consideration the less pollution that is possible in these types of activities and after verification of the details furnished by the proponent subject to usual terms and conditions

The following should be incorporated as conditions in EC.

1. The quarrying activity shall be stopped if the entire quantity is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
2. It is the responsibility of the project proponent to maintain the village approach road in good condition usable by the public during the implementation of the project. On the completion of the project the village approach road should be in good condition.
3. After restoration of the road, the proponent should submit the detailed report of the road maintenance including cost along with photographs to SEAC within one month of the completion of the project.
4. Base line studies to be conducted for the entire area.
5. Replenishment study to be carried out once in three years for the mined out area.
6. Around 2 km radius from the proposed area ground water study to be carried out through reputed research institution before, during and after mining to assess the ground water table.
7. ToR is to be recommended by the SEAC for conducting Comprehensive study for entire TamilNadu Regarding Sand Mining.

**MINOR MINERALS Sand - (8 Nos) 31.03.2017**








Sl. No.	F.No	Name of the proponent	Extent in ha.	SF.No	District	Recommendation of the Committee
1	5950	The Executive Engineer PWD, WRD Gundar Basin Division Madurai - 02	10.34.0	114(P) Kilavanery Kariyapatti	Virudhunagar	<b>Recommended</b>
2	5956	The Executive Engineer PWD, WRD Cauvery Basin Division (East) Mayiladuthurai - 620001	19.50.0	1 (P) Kadakkam Mayiladuthurai	Nagapattinam	<b>Recommended</b>
3	5957	The Executive Engineer PWD, WRD Cauvery Basin Division (East) Mayiladuthurai - 620001	18.00.0	1/1 (P) Sidhamalli Mayiladuthurai	Nagapattinam	<b>Recommended</b>



**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

<p><b>85<sup>th</sup> - 02</b></p> <p><b>F.6348/2015</b></p>	<p>Proposed construction of "HLL MEDIPARK LIMITED (HML)", at S.F.No. 192,195 of Tirumani Village in Tirukalkundram Talk,95,97/A,96,90,99, 100 of Alapakkam Village of Chengalpet Taluk and 57 of vallam village in Chengalpet Taluk by M/S. HLL LIFE CARE LIMITED -Terms Of References (ToR) - Schedule S. No. 8 (b) of Category "B" - Townships and Area Development projects.- Regarding.</p>
	<p>The Proponent of M/S. HLL LIFE CARE LIMITED has applied for Terms Of References (ToR) for the Proposed construction of "HLL MEDIPARK LIMITED (HML)", at S.F.No. 192,195 of Tirumani Village in Tirukalkundram Talk,95,97/A,96,90,99, 100 of Alapakkam Village of Chengalpet Taluk and 57 of vallam village in Chengalpet Taluk.</p> <p>The Committee observed that the above project comes under Item No 8 (b) of the Schedule. After the presentation made by the proponent the Committee decided to issue ToR for EIA. The EIA should cover, among other things, the following aspects in details:</p> <ol style="list-style-type: none"> <li>1. Details of raw materials and production process should be furnished for all six sectors of production proposal. Similarly the details of emission, trade effluent generated, solid waste generated should be furnished. The Environmental management of emission, effluent &amp; solid waste should be presented in details.</li> <li>2. Sewage and trade effluent conveyance system layout plan from the source to Common STP and ETP.</li> <li>3. Details of alternate water sources for the proposed project.</li> <li>4. Details of types &amp; Numbers of industry in the project premises.</li> <li>5. Green belt plan of 33% of the total project area excluding OSR Area.</li> </ol>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

	6. Strom Water Management plan. 7. RWH plan. 8. Hillocks within the project premises should not be disturbed.		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	

  
**Member-Secretary,**  
**SEAC**

  
**Chairman, SEAC**

### Annexure




- 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
- 6) Submit the details of the trees to be felled for the project.
- 7) Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- 8) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
- 9) Ground water classification as per the Central Ground Water Authority.
- 10) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
- 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.
- 12) Examine soil characteristics and depth of ground water table for rainwater harvesting.
- 13) Examine details of solid waste generation treatment and its disposal.
- 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.
- 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.
- 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.

17. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
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.
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.
23. Any further clarification on carrying out of the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available o Minstry website <http://moef.nic.in/Manuval/Township>.





  
Member Secretary-SEAC

  
Chairman-SEAC

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

85 <sup>th</sup> - 03  F.5890/ 2016	Proposed construction of Hospital building with Built up area = 77,057.85 Sq.m by M/s. Jaisakthi Educational Trust , at S.F.No. 11,12,13,21 etc, Varadharajapuram Village,Poonamallee Taluk, Tiruvallur District- Seeking Environmental Clearance - Schedule S. No. 8 (a) of Category "B" – Building and Construction project - Regarding.		
	<p>The Proponent of M/s. Jaisakthi Educational Trust has applied for Environment Clearance for the Proposed construction of Hospital building, at S.F.No. 11,12,13,21 etc, Varadharajapuram Village,Poonamallee Taluk, Tiruvallur District.</p> <p>The Committee observed that the above project comes under Item No 8 (a) of the Schedule. After the presentation made by the proponent 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"><li>1. Breakup details of CSR activity in yearwise along with fund allocation and area of investment.</li><li>2. Alternate source of water supply shall be provided.</li><li>3. The Biogas plant shall be installed above the ground level.</li></ol>		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	

Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017

6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	 3/1/3/12
11.	Shri. M.S. Jayaram	Co- opt Member	

  
Member-Secretary,

SEAC





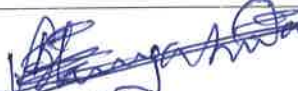



  
Chairman, SEAC



## Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017

<p>85<sup>th</sup> – 03<sub>+</sub> F. 5996/2016.</p>	<p>Proposed construction of hospital building by M/s. PSG IMSR &amp; Hospitals at R.s.No.300/1, 304/1pt, 304/2, 307, &amp; 308 pt, of Sowripalayam Village, Coimbatore South Taluk, Coimbatore District – Seeking Environmental Clearance - Schedule S. No. 8(a) of Category “B” – Building and Construction projects - Regarding.</p>
	<p>The Proponent of “M/s. PSG IMSR &amp; Hospitals” has applied for Environment Clearance for the proposed construction of Hospital building with built-up area of 94969 Sq.m in the total land area of 50,585 Sq.m at R.s.No.300/1, 304/1pt, 304/2, 307, &amp; 308 pt, of Sowripalayam Village, Coimbatore South Taluk, Coimbatore District.</p> <p><b>The Committee observed that the above project comes under Item No 8(a) of the Schedule.</b> After the presentation made by the proponent, the Committee <b>decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details:</b></p> <ul style="list-style-type: none"> <li>i) To furnish an affidavit with attestation from Notary stating the following: <ul style="list-style-type: none"> <li>a) They had not commenced the proposed construction of hospital building at R.S.No.300/1, 304/1pt, 304/2, 307, &amp; 308 pt, of Sowripalayam Village, Coimbatore South Taluk, Coimbatore District in the application seeking EC vide proposal no.: SIA/TN/NCP/61001/2016 Dt:21.12.2016 (File No.: 5996/2016).</li> <li>b) The above proposed site for the construction of hospital building would not be claimed as a part of the any other project in the future.</li> </ul> </li> <li>ii) To furnish an undertaking stating that tapping of water from river Bhavani is through the pipeline of existing water supply scheme.</li> <li>iii) The proponent should reuse more treated sewage (at least 42 KLD more) for green belt development.</li> <li>iv) The proponent should develop green belt of at least 10 meters wide with trees around the proposed hospital buildings.</li> <li>v) Breakup details of CSR activity in year wise along with fund</li> </ul>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

		allocation and area of investment should be furnished.	
		vi) Revised treatment scheme along with treatment units to reuse the treated sewage for flushing and green belt development, clearly stating the characteristics of sewage before and after treatment.	
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	 NOT attended.
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaraman	Co-opt Member	

  
Member-Secretary,  
SEAC


  
Chairman,  
SEAC

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

<p><b>85<sup>th</sup> - 06</b></p> <p><b>F.6280/2017</b></p>	<p>Proposed expansion in production of pigments and pigment related products by M/s. Supreme Dyechem Pvt. Ltd in the existing plant at plot No. A-6/3, SIPCOT Industrial Complex, Pachayakuppam Village, Cuddalore District – Terms of References ( ToR) - Schedule S. No. 5(f) of Category "B" – Synthetic organic chemicals industry - Regarding.</p>
	<p>The Proponent of M/s. Supreme Dyechem Pvt. Ltd has applied for Environment Clearance for the Proposed expansion in production of pigments and pigment related products by M/s. Supreme Dyechem Pvt. Ltd in the existing plant at plot No. A-6/3, SIPCOT Industrial Complex, Pachayakuppam Village, Cuddalore District.</p> <p>The Committee further observed that the above project falls under "Critically Polluted Area" as per the General Condition (GC) of the Schedule-I of EIA Notification, 2006 as below.</p> <p><b><u>General Condition (GC):</u></b></p> <p><b><u>Any project or activity specified in Category 'B' will be treated as Category 'A', if located in whole or in part within 10 km from the boundary of:</u></b> (i) Protected areas notified under the Wildlife (Protection) Act, 1972; <b><u>(ii) Critically polluted areas as notified by the Central Pollution Control Board from time to time;</u></b> (iii) Eco-sensitive areas as notified under section 3 of the Environment (Protection) Act, 1986, such as, Mahabaleshwar, Panchgani, Matheran, Pachmarhi, Dahanu, Doon Valley, etc., and (iv) inter-State boundaries and international boundaries .Provided that the requirement regarding distance of 10 km of the inter-State boundaries can be reduced or completely done away with by an agreement between the respective States or U.Ts sharing the common boundary in case the activity does not fall within 10 Kilometers of the areas mentioned at item (i), (ii) and (iii) above."</p> <p>As per Office Memorandum No. J-11013/5/2010-IA.II(I) Dated 13.1.2010 , Cuddalore (Tamil Nadu), SIPCOT industrial complex, Phase I &amp; II falls under Critically Polluted Area. This proposal is located within SIPCOT industrial complex, Phase I &amp; II, Cuddalore (Tamil Nadu).</p>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

	Hence, the committee has decided to reject the said expansion project, since it is beyond the purview of State Level Expert appraisal Committee (SEAC).		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	








  
**Member-Secretary,**  
**SEAC**

  
**Chairman, SEAC**

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

85 <sup>th</sup> - 09.	<p>Proposed expansion of existing pharmaceuticals manufacturing industry M/s. Pharmazell (India) Private Ltd (Unit-I) located at SF. No.: 164/1, Plot. No. B5 &amp; B6, MEPZ, Kadaperi Village, Tambaram, Kanchipuram District ( located in a notified industrial area/estate) – Seeking issue of Terms of Reference (TOR) – under Schedule item No. 5(f) – ‘Synthetic Organic chemicals Industry (<u>dyes &amp; dyes intermediate; bulk drugs and intermediates excluding drug formulation; Synthetic rubbers; basic Organic Chemicals, other synthetic organic chemicals and chemical intermediates</u>)’ of Category “B” - Regarding.</p>
F.5700/2016	<p>The Proponent of “M/s. Pharmazell (India) Private Ltd (Unit-I)” has applied for Terms of Reference (TOR) for the proposed expansion of their existing pharmaceuticals manufacturing industry for manufacturing basic Organic Chemicals at SF. No.: 164/1,Plot. No. B5 &amp; B6, MEPZ, Kadaperi Village, Tambaram, Kanchipuram District.</p> <p>The Committee further observed that the above project comes under Item No 5(F) – ‘Synthetic Organic chemicals Industry (dyes &amp; dyes intermediate; bulk drugs and intermediates excluding drug formulation; Synthetic rubbers; basic Organic Chemicals, other synthetic organic chemicals and chemical intermediates)’ of the Schedule under Category “B”. After the presentation made by the proponent, the State Expert Appraisal Committee (SEAC) decided to recommend for the issue of ToR to SEIAA for conducting Environment Impact Assessment Study subject to standard ToR notified by MoEF &amp; CC under schedule item No. 5(F) – ‘Synthetic Organic chemicals Industry (basic Organic Chemicals)’ (enclosed vide annexure) and subject to the following additional ToR,</p> <ul style="list-style-type: none"> <li>i) Study report on occupational Health and Safety with reference to chlorine emission in particular.</li> <li>ii) Report on Flood management adopted for the recent floods.</li> <li>iii) Breakup details of CSR activity in year wise along with fund allocation and area of investment.</li> </ul>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaraman	Co-opt Member	

  
Member-Secretary,  
SEAC

  
Chairman,  
SEAC

## Annexure

### 5(f): STANDARD TERMS OF REFERENCE FOR CONDUCTING ORGANIC CHEMICALS INDUSTRY (DYES & DYE INTERMEDIATES; BULK DRUGS AND INTERMEDIATES EXCLUDING DRUG FORMULATIONS; SYNTHETIC RUBBERS; BASIC ORGANIC CHEMICALS, OTHER SYNTHETIC ORGANIC CHEMICALS AND CHEMICAL INTERMEDIATES) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT:

#### A. STANDARD TERMS OF REFERENCE

##### **1) Executive Summary**

##### **2) Introduction**

- i. Details of the EIA Consultant including NABET accreditation
- ii. Information about the project proponent
- iii. Importance and benefits of the project

##### **3) Project Description**

- i. Cost of project and time of completion.
- ii. Products with capacities for the proposed project.
- iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- iv. List of raw materials required and their source along with mode of transportation.
- v. Other chemicals and materials required with quantities and storage capacities
- vi. Details of Emission, effluents, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided.
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
  - c. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the

Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.

- d. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

#### 4) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places).
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)



- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

**5) Forest and wildlife related issues (if applicable):**

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
- ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

## 6) Environmental Status

- i. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- vi. Ground water monitoring at minimum at 8 locations shall be included.
- vii. Noise levels monitoring at 8 locations within the study area.
- viii. Soil Characteristic as per CPCB guidelines.
- ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- xi. Socio-economic status of the study area.

## **7) Impact and Environment Management Plan**

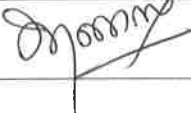
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (incl the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- ii. Water Quality modelling - in case of discharge in water body
- iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or convey or cum- rail transport shall be examined.
- iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- v. Details of stack emission and action plan for control of emissions to meet standards.
- vi. Measures for fugitive emission control
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the

**B. SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR SYNTHETIC ORGANIC CHEMICALS INDUSTRY (DYES & DYE INTERMEDIATES; BULK DRUGS AND INTERMEDIATES EXCLUDING DRUG FORMULATIONS; SYNTHETIC RUBBERS; BASIC ORGANIC CHEMICALS, OTHER SYNTHETIC ORGANIC CHEMICALS AND CHEMICAL INTERMEDIATES)**


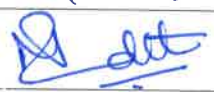


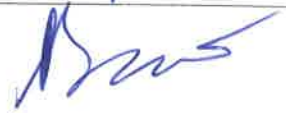

1. Details on solvents to be used, measures for solvent recovery and for emissions control.
2. Details of process emissions from the proposed unit and its arrangement to control.
3. Ambient air quality data should include VOC, other process-specific pollutants\* like NH<sub>3</sub>\*, chlorine\*, HCl\*, HBr\*, H<sub>2</sub>S\*, HF\*, etc., (\*-as applicable)
4. Work zone monitoring arrangements for hazardous chemicals.
5. Detailed effluent treatment scheme including segregation of effluent streams for units adopting 'Zero' liquid discharge.
6. Action plan for odour control to be submitted.
7. A copy of the Memorandum of Understanding signed with cement manufacturers indicating clearly that they co-process organic solid/hazardous waste generated.
8. Authorization/Membership for the disposal of liquid effluent in CETP and solid/hazardous waste in TSDF, if any.
9. Action plan for utilization of MEE/dryers salts.
10. Material Safety Data Sheet for all the Chemicals are being used/will be used.
11. Authorization/Membership for the disposal of solid/hazardous waste in TSDF.
12. Details of incinerator if to be installed.
13. Risk assessment for storage and handling of hazardous chemicals/solvents. Action plan for handling & safety system to be incorporated.
14. Arrangements for ensuring health and safety of workers engaged in handling of toxic materials.

\*\*\*\*\*

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

<b>85<sup>th</sup> - 10</b>  <b>F.3297/</b> <b>2015</b>	<p>Proposed Expansion of Existing Steel Rolling Mill located at Kalukondapalli village, Denkanikottai Taluk, Krishnagiri district by M/s Indus TMT Industries Limited to enhance the production of steel bars &amp; rods from 72,000 TPA to 1,45,000 TPM – issue of Environment Clearances - Schedule S. No. 3(a) of Category "B" – Metallurgical industries (ferrous &amp; non ferrous) - Regarding.</p>		
	<p>The Proponent of M/s Indus TMT Industries Limited has applied for Environment Clearance for the Proposed Expansion of Existing Steel Rolling Mill for the enhance the production of steel bars &amp; rods from 72,000 TPA to 1,45,000 TPM located at Kalukondapalli village, Denkanikottai Taluk, Krishnagiri district.</p> <p>The Committee observed that the above project comes under Item No 3 (a) of the Schedule. After the presentation made by the proponent 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"> <li>1. Copy of Commitment letter from the local body for supply of water.</li> <li>2. Details of tertiary treatment system proposed for reuse of treated sewage.</li> </ol>		
<b>S.No</b>	<b>Name</b>	<b>Designation</b>	<b>Signature</b>
1	Dr. K. Thanasekaran	Member	
2	Dr.A.Navaneetha Gopalakrishnan	Member	

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30<sup>th</sup> March 2017**

3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P. Balamadeswaran	Co- opt Member	
11.	Shri. M.S. Jayaram	Co- opt Member	

  
**Member-Secretary,**

**SEAC**

  
**Chairman, SEAC**

## Minutes of the 85<sup>th</sup> SEAC Meeting held on 30 March 2017

<p>85<sup>th</sup> - 11</p> <p>F.5997/2016</p>	<p>Proposed Construction of Perambalur SIPCOT Apparel Park at S.F.No. 13/1, 13/2, 13/3, etc of Padalur (East) Village &amp; 289/1 &amp; 299/3 of Irur Village, Alathur Taluk, Perambalur District- seeking issue of Environment Clearances Under Sl.No. 8(a) of the Schedule- Building and Construction projects - Regarding.</p>
	<p>The Proponent of “M/s. State industries Promotion Corporation of Tamil Nadu” has applied for Environment Clearance for the Proposed Construction of Perambalur SIPCOT Apparel Park at S.F.No. 13/1, 13/2, 13/3, etc of Padalur (East) Village &amp; 289/1 &amp; 299/3 of Irur Village, Alathur Taluk, Perambalur District.</p> <p>After the presentation made by the proponent, the State Expert Appraisal Committee (SEAC) decided to call for the details as below :</p> <ol style="list-style-type: none"> <li>1. Detail of type of the units proposed to be housed in the Estate and its manufacturing process.</li> <li>2. Copy of Commitment letter/ Permission obtained for the supply of the water under Cauvery water supply scheme.</li> <li>3. Copy of Planning permission obtained from DTCP/ Local Body (or) receipt and copy of application submitted to DTCP/Local Body for the proposed project, indicating date of submission.</li> <li>4. Details of water balance statement for the proposed project.</li> <li>5. Detail manufacturing process for proposed project.</li> <li>6. Break up details of land area such as build up area, Green belt area etc for the proposed project to be given in the layout plan.</li> <li>7. Break up details of water for the proposed project.</li> <li>8. Land use classification obtained from DTCP.</li> <li>9. Furnish the conceptual plan for the proposed project.</li> <li>10. Furnish storm water management plan to abate the flooding of the surrounding areas.</li> <li>11. Details related to maintenance of common facilities including green belt, rain water harvesting, sewage disposal, solid waste disposal etc.</li> </ol>

**Minutes of the 85<sup>th</sup> SEAC Meeting held on 30 March 2017**

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. NavaneethaGopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	
6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. SugirtharajKoilpillai	Member	
10	Dr. P.Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaraman	Co-opt Member	



Member-Secretary, SEAC



Chairman, SEAC