

Minutes of the 111st SEAC Meeting held on 15 May, 2018

111- F.5700/2016	Proposed Expansion of paints and water based polymers manufacturing in their existing facility by M/s. Asian Paints Limited at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu – Category “B1”-5(h) – Integrated Paint Industries –Environmental Clearance-Regarding
	<p>The Proponent, M/s. Asian Paints Limited, has applied for Terms of Reference for the proposed expansion of paints and water based polymers manufacturing in their existing facility at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu on 22.08.2016.</p> <p>In response to the application, Terms of Reference (ToR) was issued vide Lr.No. SEIAA-TN/F.No. 5700/SEAC- LXXXV/5(h)/ToR – 281/2017 dated: 07.07.2017. Public hearing was exempted as per section 7(i), (iii) stage (3), Para (i)(b) of EIA Notification, 2006, and request to submit the EIA/EMP report to the SEIAA for grant of Environment Clearance.</p> <p>Based on the ToR issued, the proponent prepared the EIA report and submitted the same to SEIAA on 18.12.2017. On scrutiny of the EIA report, certain additional details were called vide office letter dated: 03.01.2018. The proponent has furnished the detail in the letter dated: 25.01.2018 received by SEIAA on 30.01.2018.</p> <p>The EIA report was placed in the 105th meeting of the SEAC held on 23.03.2018.</p>

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The Salient features of the project are as follows:

1. The production of paint will increase from 140000 KL/annum to 200000 KL/annum and water based polymer will increase from 39000 KL/annum to 65000 KL/annum.
2. The ToR for expansion has been obtained on 07.07.2017. The industry operation was started in 2005.
3. The existing water requirement is 450 KLD and will be increased to 650 KLD.
4. No additional land is required.
5. The industry produces effluents which are treated and utilized within the industry premises under ZLD system. Industry produces a variety of hazardous wastes. Proponent says that they are managed as per regulations. The industry also emits air pollutants and Noise is also appearing to be a problem.

In view of the fact that the industry has potential to cause pollution in the form of gaseous emission, effluents, hazardous waste and noise, the SEAC decided to make an on the spot inspection of the industrial operation to learn about the present status of compliances of Environmental pollution control and based on the inspection, SEAC will decide the further course of action.

As per the order Lr.No.SEAC-TN/F.No. 5700/2016 dated: 23.03.2018 of Member Secretary, SEAC, a Technical Team comprising of the SEAC Members was constituted to inspect and study the field conditions in the proposed capacity expansion of existing paint and

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water based polymers manufacturing of m/s. Asian paints limited in a notified industrial area at plot no. E6, E7, F11, F12, F13, F6 PT & F7 pt, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamilnadu. Accordingly, the technical team conducted the inspection on 07.04.2018 and submitted the report to SEAC on 10.05.2018.

The inspection report was placed before the 111st SEAC meeting held on 15.05.2018. A summary of the review of the actual field inspection. The following are the salient features of the report:

1. The technical team noted that the water requirement of the project will increase from 450KLD to 650KLD post expansion. When enquired about the source of this additional water requirement, the proponent team informed about the approval sought from SIPCOT for the supply of this additional water. A copy of the letter submitted to SIPCOT is being sought in the additional details that are to be submitted to SEAC post the inspection. Out of 450KLD now used, 250 KLD is drawn from borewells which is being regularised.
2. The technical team noted that the existing ETP (104 KLD) and STP (63 KLD) would be adequate in handling the scenario post expansion. Industrial Effluent generated from the process is taken to ETP where after biological treatment the treated water is fed into Reverse Osmosis systems and then into MEE & ATFD system to obtain salt from the system. This facility is a zero liquid discharge facility. The increase in effluent post expansion will be treated in existing ETP without any modification.
3. The process of paint manufacturing and water based polymer manufacturing was detailed by the proponent. The sources of air pollution (powder dust & VOCs), effluent generation (Industrial Effluent) and hazardous

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	<p>waste generation were explained through the process flow diagram. Dust collectors for controlling the dust emissions and Scrubber system for controlling the VOC emissions have been installed in the industry. Post expansion, it was proposed that dust collection & scrubbing system capacity will be adequately increased. The VOC concentration from two scrubbing system is connected to the TNPCB – CARE Air Centre. Technical team asked the proponent to submit the details of efficiency improvement of the scrubbing system in the additional details. The details of the capacity augmentation for scrubbers were also sought.</p> <ol style="list-style-type: none">4. Technical team asked to submit the MSDS of any two powder raw materials handled in bags causing powder emissions in the area and the ratio of powder raw material handled in tankers to the powder raw material handled in bags as additional details.5. Technical team asked the environmental monitoring reports of boiler stack and ambient air quality as additional details.6. Technical team asked the proponent to submit the characteristics of input effluent and output treated water as additional details.7. Domestic sewage generated in the facility is treated in a STP which is already available. As there will be no increase in manpower post-expansion, no increase in sewage generation is expected and existing STP would suffice.8. The hazardous waste generated at present are of 14 categories. The hazardous wastes are sent to GEPIL for pre-processing, to TNWML for landfilling/incineration and to authorized recyclers for recycling. Increase in hazardous waste is expected after expansion, and proponent confirmed the same. Post expansion also, the hazardous
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	<p>wastes will be sent to GEPIL for pre-processing, to TNWML for landfilling/incineration and authorized recyclers for recycling. Quantity wise, some are quantified in tonnes/annum and some in barrels. The present hazardous wastes 189.44 Tonnes/annum will increase to 236.84 tonnes/annum. The wastes in barrels will be handed over to authorized recyclers.</p> <p>9. Technical team asked the proponent to submit the following documents with respect to hazardous waste management.</p> <p>3.9.1 MoU signed with GEPIL and TNWML</p> <p>3.9.2 Latest Hazardous Waste Authorization obtained from TNPCB</p> <p>10. Technical team noted that the green belt area in the plant is 31310 sq.m which constitutes to 25% of the total plot area (124590 sq.m). The proponent was asked to increase the green belt area from 25% to 33% as per the requirement. The proponent informed the technical team that when the plant was started in 2005, the consent to establish mandated to maintain 25% green belt and since then the plant is complying to the same. Increasing the green belt inside the factory is not possible as no vacant land available in the factory. Proponent confirmed that additional 8% green belt area (10000 Sq.m) will be developed outside the factory, in the road median of SIPCOT road after obtaining due permissions from SIPCOT. Technical team asked the project proponent to submit the plan for green belt development as additional details.</p> <p>11. Technical team reviewed the species of trees present inside the factory and suggested to eliminate few invasive species and plant more native species.</p>
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	<p>12. Technical team enquired about the ground water quality and asked the proponent to submit the ground water quality report.</p> <p>13. Technical team asked about the VOC concentration in the product during application and asked to submit the same as additional details.</p> <p>14. Technical team reviewed the RWH system inside the factory and the proponent confirmed that already projects are in progress for recharging the ground water with the run off generated from roof top of buildings. The plan for future is to have 30 recharge structures.</p> <p>15. Technical team reviewed upon the CSR projects implemented by the factory in the nearby communities. The proponent is working in 3 major areas – Health & Hygiene, Education and Environment (Water).</p> <p>16. Technical team asked the proponent to submit the details of CSR projects where the infrastructural support to village schools is done. Proponent confirmed that they have adopted government schools and provided infrastructural support like toilets, benches, painting, sports equipment, smart classrooms etc.</p> <p>The technical team has made the following recommendations:</p> <ol style="list-style-type: none"> 1. Green belt area to be maintained as 33% area of total plot area. Proponent to develop additional required green belt area (10000 Sq.m) outside the factory (SIPCOT land) as committed. This should be completed and evidence shown before getting EC. 2. The proponent should take steps to increase the capacity of the dust collectors and scrubbers as committed. 3. The proponent must manage the additional hazardous wastes as per the regulatory norms as committed. 4. Regarding the CSR, the proponent should have spent atleast
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Rs. 1.2 Crores every year on CSR activities. There is a deficit of Rs. 78 lakhs for the year 2013-2014 and a deficit of Rs. 11 Lakhs for the year 2014-15, regarding CSR fund utilization. Adding Rs. 78 Lakhs + Rs. 11 lakhs, amounts to Rs. 89 Lakhs. This amount of Rs. 89 Lakhs should be spent on CSR before getting EC and submit the receipt to SEIAA-TN. In future, 2 % of the profit for this unit or an amount of Rs. 1.2 Crores, whichever is higher should be spent on CSR activities annually.

5. The Technical Team recommends to SEAC the proposal of M/s. Asian Paints Limited for the proposed capacity expansion of existing paint and water based polymers manufacturing at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for recommendation for the grant of EC, subject to the conditions that the proponent fulfils the commitment made by him in the revised report and the proponent fulfils the condition imposed in S.no.1-4 in addition to the normal conditions.

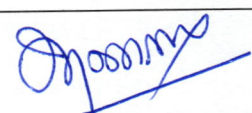
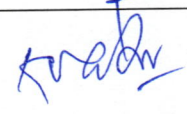
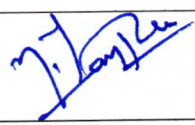
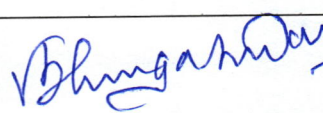
The SEAC accepts the recommendations of the inspection team. In the case of CSR, the following will be the schedule for utilisation of the CSR funds:

- i. The amount of Rs. 89 Lakhs should be spent out of the previous year allocation. Out of this, Rs. 20 lakhs should be contributed for "Anamalai Tiger Conservation Foundation" and the DD favouring "The Executive director, Anamalai Tiger Conservation Foundation, Pollachi" , for the purposes of Eco tourism activities including purchase of necessary vehicles to carry the visitors and submit the receipt, before getting EC from SEIAA.
- ii. The remaining RS. 69 Lakhs should be contributed in the form of DD favouring Environmental Management

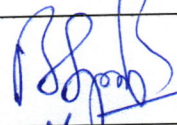
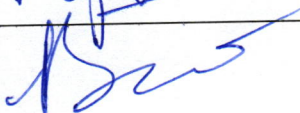

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	<p>Authority of Tamil Nadu (EMAT), Department of Environment for the purpose of planting avenue tree saplings in Chennai and proof submitted to SEIAA-TN before getting CTO from TNPCB.</p> <p>iii. For the future years, 2 % of the profit for this unit or an amount of Rs. 1.2 Crores, whichever is higher should be spent on CSR activities annually.</p> <p>The SEAC decided to recommend the proposal to SEIAA for grant of EC for the proposed capacity expansion of existing paint and water based polymers manufacturing of m/s. Asian paints limited in a notified industrial area at plot no. E6, E7, F11, F12, F13, F6 PT & F7 pt, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamilnadu subject to the conditions already stipulated in the minutes in addition to the normal conditions</p>		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.K.Valivittan	Member	
3	Dr.Indumathi M. Nambi	Member	
4	Dr. G. S. Vijayalakshmi	Member	
5	Dr. M. Jayaprakash	Member	
6	Shri V. Sivasubramanian	Member	
7	Shri V. Shanmugasundaram	Member	

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8	Shri B. Sugirtharaj Koilpillai	Member	
9	Shri. P. Balamadeswaran	Co-opt Member	
10	Shri. M.S. Jayaram	Co-opt Member	

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