

**MINUTES OF THE 100<sup>th</sup> MEETING OF  
STATE EXPERT APPRAISAL COMMITTEE,  
(SEAC), TELANGANA STATE  
HELD ON 13.02.2021, 10.30 A.M.**

Minutes of the SEAC Meeting held on 13.02.2021

**MINUTES OF THE 100<sup>th</sup> MEETING OF STATE EXPERT APPRISAL COMMITTEE (SEAC) HELD ON 13.02.2021 AT TSPCB, PARYAVARAN BHAVAN, A-3, I.E., SANATHNAGAR, HYDERABAD.**

The following members were present:

S. No.	Name of the Expert	Position
1.	Prof.Ch.Krishna Reddy, H.No: 2-2-20/L/7, #401. Golden towers – II, Raja Rajeshwari BLPG, D.D. Colony, Hyderabad. Ph: 9866629265	Chairman.
2.	Dr.K.Shivakumar, Plot No. 328, Flat No: 302, Mehar Ninan, KPHB 6 <sup>th</sup> phase, Kukatpally, Hyderabad-500072 Ph: 9951701067	Member
3.	Dr.Vemula Vinod Goud, H.No. 6-156, Sridurga Estates, Deepthisri Nagar, Madinaguda, Hyderabad-500049. Ph:9440386945	Member
4.	Prof.A.Panasa Reddy, H.No. 4-7-17/5/1, Ragharendra Nagar, Nacharam, Hyderabad-500076. Ph: 9849957268	Member
5.	Prof.C.Venkateshwar, Department of Botany, University College of Science. OU. Hyd. Flat No. 117, 'C' Block, Janapria castle, Ramnagar, Vidyanagar – Hyderabad Ph:9440487742 & 8096754604	Member
6.	Shri Ravindra Samaya Mantri H.No: 3-5-44/1, Flat No. 301, Areadia Apartments, Edengaden Road, Hyderabad- 500001. Ph:9491145160	Member
7.	Prof.B.Reddy Naik, Department of Zoology, University College of Science, Osmania University, Hyderabad-500007. Ph: 9290491044	Member
8.	Shri Suresh, B-106, Vertex prime, Nizampet Road, Kukatpalli, Hyderabad. Ph: 9177037785	Member

After general introductory remarks by the Chairman, SEAC, the Committee took up items agenda-wise. The decisions of the SEAC on each case are recorded below.

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**DECLARATION**

It is hereby declared that the Chairman and members of SEAC, T.S., do not have conflict of interest with any project proponent pertaining to the items discussed in the SEAC meeting held on 13.02.2021.

<b>S. No.</b>	<b>Name of the Expert</b>	<b>Signature</b>
1.	Prof.Ch.Krishna Reddy	Sd/-
2.	Dr.K.Shivakumar,	Sd/-
3.	Dr.Vemula Vinod Goud	Sd/-
4.	Prof.A.Panasa Reddy	Sd/-
5.	Prof.C.Venkateshwar	Sd/-
6.	Shri Ravindra Samaya Mantri	Sd/-
7.	Prof.B.Reddya Naik	Sd/-
8.	Shri Suresh	Sd/-

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<b>Agenda Item No. 01</b>	<b>M/s. Srinivasa Constructions, Sy. No. 92 (As Per Pahani 92/౩/౯), Kompally (V), Dundigal Gandimaisamma (M), Medchal Malkajgiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/178659/2020 (EC)</b>

The representative of the project proponent Sri Subash Chander Reddy; and Sri Chandrasekhar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 7959.90 Sq.m., out of which green area is 835.56 Sq.m. (10.50%)

It was informed that the total built up area of the project is 40,886.61 Sq.m. The project consists of Residential Apartments with (B+S+ 8 upper Floors) to accommodate a total no. of 124 units including Amenities.

It is also noted that Parking area to be provided for Apartments is 10,241.15 Sq.m., (33.42%) in Basement & Cellar to park about 248 four wheelers and 40 no. of two wheelers.

The total cost of the project is Rs. 41.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 85.0 Lakhs and recurring cost: Rs. 55.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 02</b>	<b>M/s. R.R.INFRA, Sy. No: 87/Part, Gundlapochampally (V), Medchal (M), Medchal-Malkajgiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/183558/2020 (EC)</b>

The representative of the project proponent Sri Ch. Himagiri; and Sri Chandrasekhar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 11,220.92 Sq.m., Net plot area is 9153.08 Sq.m., out of which green area is 954.14 Sq.m. ( 10.43%)

It was informed that the total built up area of the project is 37,858.77 Sq.m. The project consists of Residential Apartments with 2 Blocks A & B (2C+G+5 Floors) to accommodate a total no. of 142 units; and Amenities Block (2C+G+3 Floors).

It is also noted that Parking area to be provided is 12,212.0 Sq.m., (47.62%) in Cellars to park about 283 four wheelers and 275 no. of two wheelers.

The total cost of the project is Rs. 38.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 82.5 Lakhs and recurring cost: Rs. 17.8 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 03</b>	<b>M/s. Asrithas Group, Sy.Nos.236/A, 236/AA, 236/E, 236/EE, 236/U, 236/UU, 236/RU, 236/RUU &amp; 229/2, Kistareddypet (V), Ameenpur (M), Sangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/196751/2021 (EC)</b>

The representative of the project proponent Sri G. Karuna Sagar; and Sri Chandrasekhar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 11,555.21 Sq.m., Net plot area is 10,508.15 Sq.m., out of which green area is 1,065.76 Sq.m. ( 10.14%).

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It was informed that the total built up area of the project is 79,316.35 Sq.m. The project consists of Residential Apartments with 2 Blocks A & B (3B + S + 12 upper Floors) to accommodate a total no. of 408 units; and Amenities Block (G+4 Floors).

It is also noted that Parking area to be provided is 25,921.68 Sq.m., (48.55%) in Basements & Stilt to park about 605 four wheelers and 228 no. of two wheelers.

The total cost of the project is Rs. 80.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 120.0 Lakhs and recurring cost: Rs. 22.0 lakhs/annum.

During presentation the proponent submitted a copy of lr. dt. 04.09.2020 of the EE, IB Division, I&CAD Dept. addressed to HMDA w.r.t. confirmation of NOC as a stream (Nakkavagu) passing adjacent on NorthWest of the site and a local stream on the South side. The proponent informed that they are leaving the buffer area of 9 mts. from Nakkavagu and 2 mts buffer from Nala as per G.O. Ms. No. 168, dt. 07.04.2012.

In view of the above and after detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 04</b>	<b>M/s. Trishala Infrastructure (P) Limited, Sy. No: 314/Part, in Nallagandla (V), Serilingampally (M), Ranga Reddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/196510/2021 (EC)</b>

The representative of the project proponent Sri Susheel Jain; and Sri Chandrasekhar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, Nallagandla (V) is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

The SEAC noted the contents of the EMP report including the NOC of Airports Authority of India, Risk Assessment report & Disaster Management Plan.

During presentation, the proponent informed that they have obtained NOC dt. 07.04.2020 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 579.6 mts AMSL and the permissible top elevation is restricted to 739.6 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

The SEAC noted that total plot area is 8,849.0 Sq.m., Net plot area is 8779.60 Sq.m., out of which green area is 915.92 Sq.m. (10.43%).

It was informed that the total built up area of the project is 80,662.46 Sq.m. The project consists of Residential Apartments with (2C + Podium + 2<sup>nd</sup> to 37<sup>th</sup> Floors) to accommodate a total no. of 396 units; and Amenities (G + 1 Floor).

It is also noted that Parking area to be provided for Apartments is 20,288.10 Sq.m. (33.60%) in Podium & Cellars to park about 636 four wheelers and 322 no. of two wheelers.

The total cost of the project is Rs. 85.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 125.0 Lakhs and recurring cost: Rs. 18.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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<b>Agenda Item No. 05</b>	<b>M/s. Namishree Infrastructure &amp; Projects (P) Limited, H. No: 1-2-528 to 291, in Domalguda, Hyderabad. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/196644/2021 (EC)</b>

The representative of the project proponent Sri Susheel Jain; and Sri Chandrasekhar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted the contents of the EMP report including the NOC of Airports Authority of India, Risk Assessment report & Disaster Management Plan.

During presentation, the proponent informed that they have obtained NOC dt. 03.01.2020 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 518.3 mts AMSL and the permissible top elevation is restricted to 614.19 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

The SEAC noted that total plot area is 15,699.53 Sq.m., Net plot area is 13,814.84 Sq.m., out of which green area is 1,402.00 Sq.m. (10.15%)

It was informed that the total built up area of the project is 1,29,912.Sq.m. The project consists of Residential Apartments with 2 Blocks A & B (3C + G + 32 upper Floors) to accommodate a total no. of 186 units; and Amenities (G+3 Floors).

It is also noted that Parking area to be provided is 32,884.0 Sq.m., (33.52%) in Cellars & Stack parking to park about 600 four wheelers and 200 no. of two wheelers.

The total cost of the project is Rs. 150.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 158.0 Lakhs and recurring cost: Rs. 20.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 06</b>	<b>M/s. Ramuni Ramanadham and Others, Sy. No 263, 258/A, 259/A, Adibatla (V), Ibrahimpatnam (M), Ranga Reddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/182499/2020 (EC)</b>

The representative of the project proponent Sri Ram Reddy; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 20,234.93 Sq.m., out of which green area is 2154.88 Sq.m. (10.65%)

It was informed that the total built up area of the project is 91,155.4 Sq.m. The project consists of Residential Apartments with 6 Blocks A to F (C+S+ 7 Upper Floors) to accommodate a total no. of 567 units; and Amenities Block (G+2 Floors).

It is also noted that Parking area to be provided for Apartments is 25,891.87 Sq.m., (39.67%) in Stilt & Common Cellar to park about 1800 four wheelers and 1350 no. of two wheelers.

The total cost of the project is Rs. 75.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 100.0 Lakhs and recurring cost: Rs. 15.0 lakhs/annum.

During presentation, it is observed that a Stream flows adjacent to site on North direction. In this regard the proponent submitted a copy of NOC vide lr.dt. 28.09.2020 from I&CAD Department. It was reported that the applicants land is not affected in any water body / nala / channel & it is free from the water body as per the norms stipulated in the G.O.Ms.No.168, dt.07.04.2012.

In view of the above and after detailed discussions, the SEAC recommended for issue of EC.

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<b>Agenda Item No. 07</b>	<b>“ELEGANS EMPERIA II” by M/s. Elegans Developers, Sy. No. 57(P) &amp; 62(P), Nanakramguda (V), Serilingampally (M), Ranga Reddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/187363/2020 (EC)</b>

The representative of the project proponent Sri Ch. Srinivas Rao; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, Nanakramguda (V) is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

The SEAC noted that total plot area is 8092.5 Sq.m., out of which green area is 815.65 Sq.m. (10.08%)

It was informed that the total built up area of the project is 85,815.48 Sq.m. The project consists of IT Office Building with single Block (4B + 3S + 15 Upper Floors + Terrace).

It is also noted that Parking area to be provided is 34,016.32 Sq.m., (66%) in Stilts, Basements with stack parking in B4 & earmarked surface parking area to park about 700 four wheelers and 520 no. of two wheelers.

The total cost of the project is Rs. 129.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.0 Crores and recurring cost: Rs. 50.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 08</b>	<b>M/s. Maram Infra Project Pvt. Ltd., Sy. No. 97 &amp; 98, Annojiguda (V), Ghatkasar (M), Medchal – Malkajgiri District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/189195/2020 (EC)</b>

The representative of the project proponent Sri Raviraj Mathur; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

Earlier, the SEIAA issued EC vide order dt. 07.12.2019 for construction of Residential Apartments with 2 Blocks (2B+G+7 Floors) with total built up area of 67,505.3 Sq.m.

Now, the proponent informed that due to change in configuration, they have modified the proposal and submitted revised proposal. It was informed that they have not yet started any construction activity and hence it was requested to consider the revised proposal and issue new EC in place of old EC.

The SEAC noted that total plot area is 16,129.67 Sq.m., Net plot area is 16,050.53 Sq.m., out of which green area is 1634.81 Sq.m. (10.19%)

It was informed that the total built up area of the project is 87,407.91 Sq.m. The project consists of Residential Apartments with 3 Blocks i.e., Block-A (1 Common Cellar + 1 Cellar + Ground Floor + 9 Upper Floors); Block-B (2 Common Cellars + Ground Floor + 9 Upper Floors); Block-C (2 Common Cellars + 1 Cellar + Ground Floor + 9 Upper Floors); and Amenities Block (1 Common Cellar + Ground Floor + 3 Upper Floors). The project accommodates a total no. of 427 units.

It is also noted that Parking area to be provided is 25,558.83 Sq.m., (41.32%) in Cellars to park about 600 four wheelers and 400 no. of two wheelers.

The total cost of the project is Rs. 95.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.0 Crore and recurring cost: Rs. 30.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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<b>Agenda Item No. 09</b>	<b>M/s. Sumadhura Infracon Private Limited, 5, 5/A/1, 5/A/2, 5/A/3, 6, 6/A/1, 6/A/2, 6/A/3 and Sy. No. 228 Satamrai (V), Shamshabad (M), Ranga Reddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/189764/2020 (EC)</b>

The representative of the project proponent Sri Naveen; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, villages of proposed site are not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

The SEAC noted that total plot area is 41,305.85 Sq.m., Net plot area is 39,783.03 Sq.m., out of which green area is 3,997.3 Sq.m. (10.05%)

It was informed that the total built up area of the project is 1,39,622.69 Sq.m. The project consists of Residential Apartments with 5 Blocks 1 to 5 (2B+G+ 14 Upper Floors) to accommodate a total no. of 610 units; and Ameneties Block-I (G+3 Floors) & Ameneties Block-II (G+2 Floors).

It is also noted that Parking area to be provided is 52,733.54 Sq.m., (64.4%) in Common Basements to park about 1200 four wheelers and 900 no. of two wheelers.

The total cost of the project is Rs. 115.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 200.0 Lakhs and recurring cost: Rs. 40.0 lakhs/annum.

During presentation, it is observed that a nala flows across the proposed site. In this regard the proponent informed that they have applied for NOC from I&CAD Department and it is yet to be obtained.

In view of the above and after detailed discussions, the SEAC defer the project for consideration after submission of NOC from I&CAD Department, by the proponent.

<b>Agenda Item No. 10</b>	<b>M/s. BHEL Employees Tilak Welfare Mutually Aided Cooperative Housing Society by M/s. Aakriti Constructions &amp; Developers Pvt. Ltd., 96(P), 157(P), 158(P), 156(P) of Tellapur(V), Ramachandrapuram (M), Medak District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/195541/2021 (Amendment)</b>

The representative of the project proponent Sri Pawan Kumar; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that the SEIAA issued EC vide order dt.07.02.2018 for construction of Residential Apartments with 4 Blocks (2C+G+7 Floors) and a Club house (S+G+4 Floors) with total built-up area of 53,790.7 Sq.m.

Now, the proponent informed that they have started construction of the project and proposed to modify the proposal due to increase in land area by additional Block. Hence, they have informed the following changes and requested to issue amendment to EC.



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<b>Comparitive Statement</b>				
<b>Project Details</b>	<b>Project for Which EC - Already Granted</b>	<b>Additions proposed</b>	<b>Amendment sought in EC</b>	<b>Remarks</b>
Plot Area	13859.16 Sq.m	15680.08 Sq.m	15680.08 Sq.m	Land increased
Proposed peripheral road area	516.21 Sq.m	516.21 Sq.m	516.21 Sq.m	Area lost for Road widening is same
Buffer Zone Area	86.25 Sq.m	86.25 Sq.m	86.25 Sq.m	No Change in Buffer Area
Net Site Area	12956.7 Sq.m	15077.62 Sq.m	15077.62 Sq.m	Land Increased
No of Blocks	4 (A+B+C+D)	5 (A+B+C+D+E)	5 (A+B+C+D+E)	Addition of one block
Dwelling Units	314	384	384	Increased
Floors	2C+ G+7 FLOORS	2C+ G+7 FLOORS	C+SB+G+7 FLOORS	No addition of floors only one block has increased
Club House	Stilt+ G+4 Floors	Stilt+ G+3 Floors	Stilt+ G+3 Floors	One floor decreased in club house
Club House Built-up area	1894.17 Sq.m	1712.01 Sq.m	1712.01 Sq.m	Decrease in Built-up area
Parking	11,990.2 Sq.m	16,650.39 Sq.m	16,650.39 Sq.m (34%)	Additional parking area proposed
4 Wheelers	368		400	
2 Wheelers	219		290	
BUA Sq m	53,790.7 Sq.m	64,488.81 Sq.m	64,488.81 Sq.m	Increase in BUA
Total Water Requirement	225 KLD	280 KLD	280 KLD	Additional water is requirement
Sewage generated	193 KLD	224 KLD	224 KLD	Additional sewage is generated
STP capacity	250 KLD	270 KLD	270 KLD	change in STP capacity
MSW	840 kg/day	904 kg/day	904 kg/day	Additional MSW generated
Power	1670KW	1832KW	1832KW	Additional of power is required
DG. Set	4 x 125 kVA	4 x 125 kVA	4 x 125 kVA	No Additional of DG set is required
Project Cost in Rs.	60 crores	75 crores	75 crores	Increase in Project Cost
EMP Cost:- Capital cost: Recurring Cost:	Rs. 3.0 Crores Rs. 50.0 Lakhs/annum	Rs. 200 Lakhs Rs. 40.0 Lakhs/annum	Rs. 200 Lakhs Rs. 40.0 Lakhs/annum	Decreased

After detailed discussions, the SEAC recommended for issue of amendment to EC, as requested by the proponent.

<b>Agenda Item No. 11</b>	<b>M/s. Ganapathi Developers, Sy. No. 57, Mansoorabad (V), Saroornagar (M), Ranga Reddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/196878/2021 (EC)</b>

The representative of the project proponent Sri Ravi Raj Mathur; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad attended and made a presentation before the SEAC.

Earlier, the SEIAA issued EC vide order dt. 07.12.2019 for construction of Residential Apartments with total built up area of 56,000.95 Sq.m. (2B+S+10 floors).

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Now, the proponent informed that due to change in configuration, they have modified the proposal and submitted revised proposal. It was requested to consider the revised proposal and issue new EC in place of old EC.

The SEAC noted that the total plot is 9214.6 Sq.m, Net plot area is 8,748.40 Sq.m., out of which green area is 969.16 Sq.m. (11.08%)

It was informed that the total built up area of the project is 66,090.94 Sq.m. The project consists of Residential Apartment with Single Block (2B + S + 12 Upper Floors) to accommodate a total no. of 252 units including Amenities.

It is also noted that Parking area to be provided for Apartments is 18,569.91 Sq.m., (39%) in Basements & Stilt to park about 450 four wheelers and 380 no. of two wheelers.

The total cost of the project is Rs. 75.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 77.0 Lakhs and recurring cost: Rs. 15.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 12</b>	<b>M/s. Genten Infra Projects Pvt. Ltd., Sy.No 93, Annojiguda (V), Ghatkesar (M), Rangareddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/181616/2020 (EC)</b>

The representative of the project proponent Sri T. Ramu Yadav; and Sri Ch. Vishnu Sharma of M/s. Ampl Environ Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 27,752.57 Sq.m., out of which green area is 2814.58 Sq.m. (10.14%)

It was informed that the total built up area of the project is 1,38,203.84 Sq.m. The project consists of Residential Apartments with 5 Blocks A, B, C, D & E (3B+S+ 10 Upper Floors); and Club house; to accommodate a total no. of 420 units.

It is also noted that Parking area to be provided for Apartments is 78,962.99 Sq.m.,(133.29%) in Stilt & Basements to park about 2289 four wheelers and adequate no. of two wheelers.

The total cost of the project is Rs. 147.23 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.9 Crores and recurring cost: Rs. 35.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 13</b>	<b>Residential Apartment Building Project by M/s. Parijatha Homes and Developers Pvt. Ltd., Survey No 107/AA/2, 107/A/1, 108/A/A at Bacharam Village, Abdullapurmet Mandal, Rangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/184071/2020 (EC)</b>

The representative of the project proponent Sri P. Rajesh; and Sri Ch. Vishnu Sharma of M/s. Ampl Environ Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 23,678.48 Sq.m., Net plot area is 20,837.91 Sq.m., out of which green area is 2,208.82 Sq.m. (10.60%)

It was informed that the total built up area of the project is 59,525.18 Sq.m. The project consists of Residential Apartments with 6 Blocks A to F (S+5 floors) to accommodate a total no. of 430 units; Amenities Block (C+G+3 Floors); and Commercial Block (C+G+4 Floors).

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It is also noted that Parking area to be provided for Apartments is 12,644.32 Sq.m., (29.38%) in Stilt & earmarked surface parking area to park about 435 four wheelers and 430 no. of two wheelers. It is also noted that Parking area to be provided for Commercial Block & Amenities is 1745.66 Sq.m., (34.52%) in Cellar to park about 450 four wheelers and 105 no. of two wheelers.

The total cost of the project is Rs. 42.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 180.0 Lakhs and recurring cost: Rs. 60.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 14</b>	<b>M/s. Veekay Infrastructures Projects Pvt. Ltd., Sy. No. 112/112/A1. 112/A2 &amp; 112/A3, Mokila Grampanchayath (V), Shankarapally (M), Ranga Reddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/189726/2020 (EC)</b>

The representative of the project proponent Sri K. Anirudh; and Sri Ch. Vishnu Sharma of M/s. Ampl Environ Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 7,668.77 Sq.m., out of which green area is 777.61 Sq.m. (10.14%)

It was informed that the total built up area of the project is 33,609.88 Sq.m. The project consists of Residential Apartments with 3 Blocks (2C + G + 7 Upper Floors); Amenities (G + 4 Floors); to accommodate a total no. of 175 units.

It is also noted that Parking area to be provided for Apartments is 10,014.62 Sq.m., (42.44%) in Cellars to park about 287 four wheelers and 190 no. of two wheelers.

The total cost of the project is Rs. 50.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 93.0 Lakhs and recurring cost: Rs. 30.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 15</b>	<b>"Saketa's Pramodam" by M/s Saketa Vaksana LLP., Sy. No. 367 (367 A) Arepalli (V), Paidipally (M), Warangal District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/193229/2021 (EC)</b>

The representative of the project proponent Sri Ch. Pochagoud; and Sri Vishnu Sharma of M/s. Ampl Environ Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 14,560.0 Sq.m., out of which green area is 1551.1 Sq.m. (10.65%)

It was informed that the total built up area of the project is 68,463.54 Sq.m. The project consists of Residential Apartments with 3 Blocks A, B & C (C+S+10 Upper Floors); and Amenities; to accommodate a total no. of 360 units.

It is also noted that Parking area to be provided for Apartments is 16,125.3 Sq.m., (30.8%) in Cellar & Stilt to park about 380 four wheelers and 318 no. of two wheelers.

The total cost of the project is Rs. 70.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 110.0 Lakhs and recurring cost: Rs. 35.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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<b>Agenda Item No. 16</b>	<b>3.98 Ha. Stone and Metal of M/s. Sri G Srinath, Survey No. 738/1, Lakdaram Village, Patancheru Mandal, Sangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/193825/2021 (EC)</b>

The representative of the project proponent Sri Chandrashekar Rao; and Sri Ch. Vishnu Sharma of M/s. Ampl Environ Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The proponent informed that the lease was granted (in-principle) on 12.11.2018 in favour of the proponent for a period of 20 years. It may be noted that the Mine Lease is granted after 09.09.2013. The proponent submitted a copy of Scrutinized/ Approved Mining Plan & EMP Report.

The Proponent also submitted a copy of lr.dt. 28.02.2019 of ADMG, Sangareddy District informing that there is one quarry lease of M/s. Sairamana Metal Industries (4.96 Ha. – lease from 05.07.2000 to 04.07.2015 – Renewal application under process) falling within 500m from the proposed quarry lease. The SEAC noted that the mine lease area is 3.98 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 8.94 Ha. and Net cluster is 3.98 Ha. which is less than 5.0 Ha. Hence, the project is considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT.

The nearest village to the proposed site is Lakdaram (V) which is existing at a distance of 1.4 km; Tanks are at 125 mts (N) & 128 mts (SW) from the boundary of the site.

It is proposed to mine 1,20,150 m<sup>3</sup>/annum of Stone & Metal and the life of mine is reported as 20 years.

The total cost of the project is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.5 lakhs and recurring cost: Rs. 3.2 Lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 17</b>	<b>"Lalitha Divine County" by M/s. Lalitha Construction and Developers, Survey nos. 276/అ, 277, 314/అ2, 314/అ3, 314/అ4, 314/అ1/1, 314/అ1/2, 314/అ1/3, 314/అ1/4, 314/అ2 &amp; 315, Ameenpur village, Ameenpur Municipality &amp; Mandal, Sangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/178313/2020 (EC)</b>

The representative of the project proponent Sri K. Narsimha; and Smt. Lochana & Sri P.V. Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 9,914.79 Sq.m., out of which green area is 1,104.42 Sq.m. (11.14%)

It was informed that the total built up area of the project is 30,572.08 Sq.m. The project consists of Residential Apartments with 4 Blocks (S + 5 Upper Floors); Amenities (C+S+4 Floors); to accommodate a total no. of 220 units.

It is also noted that Parking area to be provided for Apartments is 6,042.85 Sq.m., (24.64%) in Stilt & Cellar to park about 222 four wheelers and 221 no. of two wheelers.

The total cost of the project is Rs. 40.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 50.0 Lakhs and recurring cost: Rs. 6.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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<b>Agenda Item No. 18</b>	<b>M/s. Cybercity Hallmark Projects, Plot No. 1064, 1065, 1066 at Road No. 45, Jubilee Hills, Sy. No's. Old 403/1, New 120 of Shaikpet (V), 102/1 of Hakkimpet (V), Hyderabad - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/188521/2020 (EC)</b>

The representative of the project proponent Sri Srinivasa Chary; and Smt. Lochana & Sri P.V. Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that total plot area is 2,869.86Sq.m., out of which green area is 288.62 Sq.m. (10.06%)

It was informed that the total built up area of the project is 24,304.49 Sq.m. The project consists of Commercial Building with (2B + 4S + G + 8 upper Floors + Terrace)

It is also noted that Parking area to be provided for Apartments is 10,845.95 Sq.m., (80.59%) in Basements, Stilts, Ground floor & 1<sup>st</sup> floor to park about 528 four wheelers and 120 no. of two wheelers.

The total cost of the project is Rs. 45.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 47.0 Lakhs and recurring cost: Rs. 10.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

<b>Agenda Item No. 19</b>	<b>"League Plumaria" by M/s. League Spaces LLP, Sy No. 96, Hyderguda (V), and Sy. No. 17/E, Bandlaguda Jagir (V), Rajendra Nagar (M), Rangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/143198/2020 (EC)</b>

The representative of the project proponent Sri B.V. Mallikarjun Reddy; and Sri Y.B.S. Murthy of M/s. B.S. Envi-Tech Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, above villages of proposed site are not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

During presentation, the SEAC observed that Musi River flows adjacent to the proposed project site. In this regard, the proponent submitted a copy of Ir.dt.05.02.2020 of the Executive Engineer, I&CAD Department w.r.t. NOC. In the letter it was reported that the Site located between the chainages from km 4.50 to km 4.80 on the left flank of the Easa River. The boundary of the River at this location is demarcated to accommodate discharge of 80.554 Cusecs (approximately) plus any possible discharge due to rain in between the location of bridge & applicant's site and the total discharge worked out to be about 81,000 Cusecs. As per the G.O.Ms.No. 168, dt. 07.04.2012 and as per the G.O.Ms.No.7, dt.05.01.2016 of MA&UD Department within the municipal limits of any city the site should be 50 mts away from the boundary of the River.

Accordingly, the proponent proposed layout duly leaving 50 mts away from Musi River.

The SECA noted that total plot area of the project is 46,839.06 Sq.m., out of which green area is 4,204.16 Sq.m. (8.975%).

It was informed that the total built up area of the project is 48,028.30 Sq.m. The project consists of Residential Villas (G+2 Floors); to accommodate a total no. of 142 units and Club house (G+3 Floors).

It is also noted that each villa will be provided with adequate parking area to park one car & one 2 wheeler.

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The total cost of the project is Rs. 110.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 97.0 Lakhs and recurring cost: Rs. 15.0 lakhs/annum.

During presentation, the SEAC observed that the proponent proposes to discharge the excess treated waste water into the Musi River, but the SEAC has not agreed for the same. After detailed discussions, the SEAC directed the proponent to revise the layout such that the green belt is at least 10% of the site area and spread all along the boundary. The proponent is also directed to submit action plan for 100% utilization of treated waste water within the site and also to submit an undertaking for not discharging any treated / untreated waste water out side the project premises until the outlet is connected to the public sewer lines.

<b>Agenda Item No. 20</b>	<b>M/s. Indian School of Business, Sy. No. 203/1, 210/1, Manikonda Jagir, Rajendra Nagar (V), Serlingampalli (M), Ranga Reddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/58891/2019 (EC/ Expansion)</b>

The representative of the project proponent Sri L. Laxmana Rao; and Sri Y.B.S. Murthy of M/s. B.S. Envi – Tech Pvt. Ltd., Hyderabad attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, Manikonda Jagir (V) is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

Existing building:

S.No.	Building	Blocks	Details
1	Academic Centre	1	G+5 Floors
2	Admin Block	1	G+1 Floor
3	Permanent Faculty housing	8	G+1 Floor
4	Visiting Faculty housing	1	G+2 Floors
5	Executive Houses	4	G+1 Floor
6	Student Village – 1	12	G+2 Floors
7	Student Village – 2	11	G+2 Floors
8	Student Village – 3	11	G+2 Floors
9	Student Village – 4	11	G+2 Floors
10	Recreation centre	1	GF
11	Housing Tower – 1	1	G+18 Floors

The ISB proposes to construct additional buildings and infrastructure in two phases (Phase-I & Phase-II) within the existing project site of Ac. 250 and no additional land is required for proposed expansion.

The details of the buildings proposed in expansion are:

S.No.	Building	Floor Details	Height	BUA (Sq.m)
<b>Phase-I</b>				
1	Facility Research Centre (FRC) -I (Block 12A, 12B, 12C &12D)	G+3 Floors + Head room	15	24150
2	Executive housing -210 Rooms (Blocks 13A, 13B & 13C)	G+6 Floors + Head room	27.60	26600
3	Service Block (Block 14A & 14B)			3000
<b>Sub-total (Phase-I)</b>				<b>53,750</b>
<b>Phase-II</b>				
4	Executive housing -104 Rooms (Block 15)	G+4 Floors + Head room	20.40	10150
5	Facility Research Centre (FRC) -II (Block 16A &16B)	G+3 Floors + Head room	15	36100
<b>Sub-total (Phase-II)</b>				<b>46,250</b>
<b>Total</b>				<b>1,00,000</b>

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The total built up area of the project after expansion is 2,22,628.0 Sq.m.

Description	BUA (Sq.M)
Existing project	1,22,628
Proposed expnsio (Phase-I & Phase-II)	100,000
Total area	2,22,628

The SEAC noted that total plot area is Ac. 250.0, out of which green area is Ac. 22.0 and Forest & Rock area is Ac.191.0.

The total cost of the project is Rs. 450.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 998.0 Lakhs and recurring cost: Rs. 102.0 lakhs/annum.

It is also noted that Parking area to be provided is 11,130.0 Sq.m., (5%) in earmarked surface parking area which is insufficient as per G.O.Ms. No.168, dt. 07.04.2012. The proponent informed that they will increase the parking area as per norms.

After detailed discussions, the SEAC deferred the project for consideration after submission of revised parking details i.e., parking area, no. of 4-wheelers, 2-wheelers, etc., by the proponent for further consideration.

Agenda Item No. 21	<b>M/s. Hariom Pipe Industries Ltd. (Formerly known as Hariom Concast &amp; Steels Pvt. Ltd.) at Sy. No.58, 58/P, 62, 63, 64, 39 &amp; 39/A, Peddayapally (V), Balanagar (M), Mehboobnagar District. - Environmental Clearance - Reg.</b>
Proposal No.	<b>SIA/TG/IND/50115/2020 (EC)</b>

The representative of the project proponent Sri Nitesh Gupta; and Sri Harish & Amt. Meena Bhaduri of M/s. Global Management and Engineering Consultants, Jaipur attended and made a presentation before the SEAC.

The SEAC noted that earlier, the SEIAA, AP (Combined State) issued EC in the name of M/s. Hariom Concast & Steels Pvt. Ltd., vide order dt.21.07.2009 for expansion of unit to produce MS Ingots / Billets (63000 TPA) and TMT Bars / Angles / Channels & Girders (63,000 TPA). The proponent also submitted copy of CFO order dt.01.09.2012 issued by the APPCB (Combined State).

The SEAC noted that system generated TORs were issued by the SEIAA, Telangana on 05.03.2020 for preparation of EIA report along with public hearing.

Accordingly, the proponent prepared EIA report and undergone the process of public hearing on 26.11.2020 in the premises of existing plant. Subsequently, the proponent prepared final EIA report and submitted to the SEIAA.

The SEAC noted the contents of the EIA report, minutes of public hearing, response of proponent on issues raised during public hearing and representations received against the project.

The SEAC noted that the proponent proposes to expand the existing unit and after expansion total area of the industry is 60702.85 Sq.m. out of which, area of greenbelt is 24,014.9 Sq.m. (40%)

The nearest village to the industry is Peddayapalli (V) which is existing at a distance of 2.8 km; nearest water body i.e., Suraram Nala exist at 1.1 km; from the boundary of the industry. The SEAC noted that the details of the proposed expansion are as following:

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**Existing Induction Furnace--63,000 TPA Ingots/ Billets (15 TPH X 2) One operational & One stand-by**

**Proposed Induction Furnace**

UNIT-I	UNIT-II	UNIT-III	UNIT-IV
New Induction Furnace with 20 TPH X 2 (One Operational & One Stand-by) to produce 79200 TPA / 240 TPD of Billets / Ingots	15 TPH X 2 Unit (One operational & One stand-by) Existing Increase of Production from 63000 to 66000 TPA / 200 TPD of Billets / Ingots	New Induction Furnace with 25 TPH X 2 (One operational & One stand-by) to produce 300 TPD / 99000 TPA of Billets / Ingots	New Induction Furnace with 25 TPH X 2 (one operational & One stand-by) to produce 300 TPD / 99000 TPA of Billets / Ingots

**Total production capacity of Induction Furnaces after proposed Expansions: 1,040 TPD/ 3,43,200 TPA Billets / Ingots.**

**Existing Re-Rolling Mill--63,000 Tons Per Annum for producing--Strips/Coils, Channels, Angles, Girders, TMT Bars & other all rolled materials**

**Proposed Expansion of Re-Rolling Mills:**

RE-ROLLING MILL - I	RE-ROLLING MILL - II	RE-ROLLING MILL - III
Expansion of Existing Production from 210 TPD to 240 TPD;63,000 TPA to 66000 TPA to produce Strips/Coils, Channels, Angles, Girders, Beams , TMT Bars& all other rolled products	Proposal of new unit with production of 240TPD/79200TPA to produce Strips/Coils, Channels, Angles, Girders, Beams , TMT Bars& all other rolled products	Proposal of new unit with production of 600TPD/ 1,98,000 TPA to produce Strips/Coils, Channels, Angles, Girders, Beams, TMT Bars& all other rolled products

**Existing Re-Heating Furnace with Coal Gasifier – 210TPD/ 63000TPA**

**Proposed additional 1 more Re-Heating Furnace with Coal Gasifier – 210TPD/ 63000TPA**

**DG SETS: Existing DG Sets – 500 KVA Capacity Proposed Additional DG Set – 1000 KVA Capacity**

**Slag Crusher: Existing-1 unit; Proposed additional 1 more unit**

The total cost of the project for expansion is Rs. 11.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 108.0 lakhs and recurring cost: Rs. 20.0 Lakhs/annum.

During presentation, the proponent clarified that units viz., Unit-I, Unit-II, Unit-III & Unit-IV mentioned in the expansion proposal are not different units located separately, but they are similar to phases and all of them are located within the industry premises. Hence, the SEAC considered it as a single industry.

The SEAC observed that the proponent has not submitted Certified Compliance report on earlier EC conditions as per the Circular dt.30.05.2012 of the MoE&F, GoI. The SEAC also noted that as per the existing permissions, the name of the industry is M/s. Hariom Concast & Steels Pvt. Ltd., whereas the EC proposal was applied in the name of M/s. Hariom Pipe Industries Ltd., hence the proponent may furnish clarification on change of name with supporting documents.

In view of the above and after detailed discussions, the SEAC decided to inform the proponent to submit above mentioned documents for further consideration.

  
CHAIRMAN, SEAC



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Agenda Item No. 22	2.80 Ha. Dolomite Mine of M/s. Visweswara Minerals, Sy. No. 165/5, Bhupal Nagar H/o Ramachandrapuram (V), Mulugu (M), Warangal District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/23641/2018 (Violation TOR)

The representative of the project proponent Sri M. Maheshwar; and Sri Venkat Reddy of M/s. Pioneer Enviro Laboratories Pvt. Ltd., attended and made a presentation before the SEAC.

The SEAC noted that the proponent submitted TOR application on 05.04.2018 under violation and hence, the SEAC considered the application as per OM dt.09.09.2019 under lateral entry.

The SEAC noted that the project is for Dolomite Mine with Mine Lease Area of 2.80 Ha. The proponent informed that the production capacity of the project is to mine 54,912 TPA of Dolomite. It was informed that the mine lease was granted on 19.12.2014 and the proponent started mining operations from the year 2014 -15 without obtaining prior EC.

The proponent also submitted a copy of lr.dt. 31.08.2020 of ADMG, Mulugu addressed to the proponent informing that there are two other quarry leases of M/s. Vasavi Minerals (3.84 Ha. - lease executed on 22.03.1997) & M/s. MSR Enterprises (4.451 Ha. - lease executed on 18.11.1997) are existing within 500m from the proposed quarry lease. It is further noted that the Total Cluster area is 11.091 Ha. & Net Cluster Area is 2.80 Ha. which is less than 5.0 Ha. The SEAC noted that the project is to be considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT. But, as the project is under violation, the project becomes B1 Category without public hearing.

After detailed discussions, the Committee confirmed the project as a case of violation of the EIA Notification, 2006 and hence decided to consider the project in the terms of the provisions of the S.O.No.804 (E) dt.14.03.2017 and S.O.1030 (E), dt.08.03.2018 issued by the MoEF&CC, GoI. The SEAC recommended to issue **Standard Terms of Reference (TOR)** issued by the MoEF&CC, GoI along with the following **Specific Terms of Reference** for undertaking EIA and preparation of Environmental Management Plan (EMP).

**Specific Terms of Reference:**

- (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC (if Credible Action was not initiated).
- (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
- (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- (vi) Funds allocation for Corporate Environment Responsibility (CER) shall be made as per O.M. dt.01.05.2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in the EIA/EMP report.

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- (vii) Detailed hydrological study to be carried out in core and buffer zone of the project as per recent GEC guidelines 2015.
- (viii) The project proponent shall give an Undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dt. 02.08.2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. before grant of ToR/ EC, as per OM dt.30.05.2018. The Undertaking inter-alia includes Commitment of the project proponent not to repeat any such violation in future.
- (ix) In case of violation of above undertaking by the project proponent, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- (x) State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

Agenda Item No. 23	4.0 Ha. Dolomite Mine of M/s. Vigneswara Minerals, Sy. No. 181/5, Bhupal Nagar H/o Ramachandrapuram Village, Mulugu Mandal, Jayashankar Bhupalpally (Earlier Warangal) District. - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/23639/2018 (Violation TOR)

The representative of the project proponent Sri M.Nirajan; and Sri Venkat Reddy of M/s. Pioneer Enviro Laboratories Pvt. Ltd., attended and made a presentation before the SEAC.

The SEAC noted that the proponent submitted TOR application on 05.04.2018 under violation and hence, the SEAC considered the application as per OM dt.09.09.2019 under lateral entry.

The SEAC noted that the project is for Dolomite Mine with Mine Lease Area of 4.0 Ha. The proponent informed that the production capacity of the project is to mine 53,664 TPA of Dolomite. It was informed that the mine lease was granted on 19.12.2014 and the proponent started mining operations from the year 2014 -15 without obtaining prior EC.

The proponent also submitted a copy of lr.dt. 31.08.2020 of ADMG, Mulugu addressed to the proponent informing that there are two other quarry leases of M/s. Vasavi Minerals (3.84 Ha. - lease executed on 22.03.1997) & M/s. MSR Enterprises (4.451 Ha. - lease executed on 18.11.1997) are existing within 500m from the proposed quarry lease. It is further noted that the Total Cluster area is 12.291 Ha. & Net Cluster Area is 4.0 Ha. which is less than 5.0 Ha. The SEAC noted that the project is to be considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT. But, as the project is under violation, the project becomes B1 Category without public hearing.

After detailed discussions, the Committee confirmed the project as a case of violation of the EIA Notification, 2006 and hence decided to consider the project in the terms of the provisions of the S.O.No.804 (E) dt.14.03.2017 and S.O.1030 (E), dt.08.03.2018 issued by the MoEF&CC, GoI. The SEAC recommended to issue **Standard Terms of Reference (TOR)** issued by the MoEF&CC, GoI along with the following **Specific Terms of Reference** for undertaking EIA and preparation of Environmental Management Plan (EMP).

**Specific Terms of Reference:**

- (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC (if Credible Action was not initiated).

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- (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
- (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- (vi) Funds allocation for Corporate Environment Responsibility (CER) shall be made as per O.M. dt.01.05.2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in the EIA/EMP report.
- (vii) Detailed hydrological study to be carried out in core and buffer zone of the project as per recent GEC guidelines 2015.
- (viii) The project proponent shall give an Undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dt. 02.08.2017 in Writ Petition (Civil) No. 114 of 20 14 in the matter of Common Cause versus Union of India and Ors. before grant of ToR/ EC, as per OM dt.30.05.2018. The Undertaking inter-alia includes Commitment of the project proponent not to repeat any such violation in future.
- (ix) In case of violation of above undertaking by the project proponent, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- (x) State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

<b>Agenda Item No. 24</b>	<b>4.89 Ha. Laterite Mine of M/s. Parameshwara Mines and Minerals, Sy.Nos. 3366 to 3373 and 3361, Ramachandrapuram (V), Mulugu (M), Jayashankar Bhupalpally (Earlier Warangal) District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/23638/2018 (Violation TOR)</b>

The representative of the project proponent Sri M. Nirajan; and Sri Venkat Reddy of M/s. Pioneer Enviro Laboratories Pvt. Ltd., attended and made a presentation before the SEAC.

The SEAC noted that the proponent submitted TOR application on 05.04.2018 under violation and hence, the SEAC considered the application as per OM dt.09.09.2019 under lateral entry.

The SEAC noted that the project is for Laterite Mine with Mine Lease Area of 4.89 Ha. The proponent informed that the production capacity of the project is to mine 35,649 TPA of Laterite. It was informed that the mine lease was granted on 31.09.2015 and the proponent started mining operations from the year 2014 -15 without obtaining prior EC.

The proponent also submitted a copy of lr.dt. 31.08.2020 of ADMG, Mulugu addressed to the proponent informing that there are no quarry leases existing within 500m from the proposed quarry lease. It is further noted that the Cluster area is 4.89 Ha. which is less than 5.0 Ha. The SEAC noted that the project is to be considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT. But, as the project is under violation, the project becomes B1 Category without public hearing

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After detailed discussions, the Committee confirmed the project as a case of violation of the EIA Notification, 2006 and hence decided to consider the project in the terms of the provisions of the S.O.No.804 (E) dt.14.03.2017 and S.O.1030 (E), dt.08.03.2018 issued by the MoEF&CC, GoI. The SEAC recommended to issue **Standard Terms of Reference (TOR)** issued by the MoEF&CC, GoI along with the following **Specific Terms of Reference** for undertaking EIA and preparation of Environmental Management Plan (EMP).

Specific Terms of Reference:

- (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC (if Credible Action was not initiated).
- (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
- (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- (vi) Funds allocation for Corporate Environment Responsibility (CER) shall be made as per O.M. dt.01.05.2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in the EIA/EMP report.
- (vii) Detailed hydrological study to be carried out in core and buffer zone of the project as per recent GEC guidelines 2015.
- (viii) The project proponent shall give an Undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dt. 02.08.2017 in Writ Petition (Civil) No. 114 of 20 14 in the matter of Common Cause versus Union of India and Ors. before grant of ToR/ EC, as per OM dt.30.05.2018. The Undertaking inter-alia includes Commitment of the project proponent not to repeat any such violation in future.
- (ix) In case of violation of above undertaking by the project proponent, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- (x) State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

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<b>Agenda Item No. 25</b>	<b>9.135 Ha. Laterite Mine of M/s. Parameswara Mines and Minerals (Smt. Cherukupalli Deepika Reddy), Sy. No. 58/1/45/c/1 &amp; 58/1/47/a/1, Kannaraopet (V), Nallabelli (M), Warangal District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/161278/2020 (MODIEC)</b>

Earlier, the SEAC in its meeting held on 11.12.2020 deferred the project for consideration after acquisition of land by the project proponent for afforestation, as the proponent informed that they will acquire additional land adjacent to mine lease area for development of additional greenbelt (as compensatory afforestation).

Accordingly, the proponent the lr.dt.14.12.2020 informed that they will develop plantation in their own patta land in an area of Ac.2.30 at Sy.No. 3394/1 & 3394/3/2, of Ramachandrapuram (V), Mulugu (M), Mulugu District. It was informed that the mine lease area is surrounded by other mines and the above land of Ac.2.30 is the nearest land available for afforestation, beyond the mines.

After detailed discussions, the SEAC recommends the project for extension of EC.

<b>Agenda Item No. 26</b>	<b>6.080 Ha. Laterite Mine of M/s. Maheswara Mines and Minerals (Smt. Cherukupalli Vijaya Laxmi), Sy. Nos. 58/1/9/A/1, Kannaraopet (V), Nallabelli (V), Warangal Rural District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/161520/2020 (MODIEC)</b>

Earlier, the SEAC in its meeting held on 11.12.2020 deferred the project for consideration after acquisition of land by the project proponent for afforestation, as the proponent informed that they will acquire additional land adjacent to mine lease area for development of additional greenbelt (as compensatory afforestation).

Accordingly, the proponent the lr.dt.14.12.2020 informed that they will develop plantation in their own patta land in an area of Ac.2.30 at Sy.No. 3385, 3388, 3391 & 3392 of Ramachandrapuram (V), Mulugu (M), Mulugu District. It was informed that the mine lease area is surrounded by other mines and the above land of Ac.2.30 is the nearest land available for afforestation, beyond the mines.

After detailed discussions, the SEAC recommends the project for extension of EC.

<b>Agenda Item No. 27</b>	<b>4.0 Ha. Rough Stone &amp; Road Metal Quarry of M/s. SL Pavani Rock Sand, Sy.No.72, Thirumalagiri (V), Bommaramaram (M), Yadadri Bhongir District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/32876/2019 (EC)</b>

Earlier, the SEAC in its meeting held on 27.02.2020 informed the proponent to submit proof / documents to ascertain the Net Cluster area so as to consider the project under B1 /B2 category, as it was observed from the cluster letter that noted that two mines (10.0 Ha. & 4.0 Ha.) were granted leases prior to 09.09.2013 and for another lease (4.0 Ha.) the mine lease is granted after 09.09.2013. In this regard, it was reported in presentation that the leases of 4.0 Ha. were transferred in the years 2014 & 2016 and the leases were initially granted prior to 09.09.2013. But, the proponent has not submitted any proof for the same that the transferred leases initially granted before 09.09.2013.

Now, the proponent vide lr.dt.16.10.2020 informed that all the leases in cluster for initially granted leases prior to 09.09.2013 and submitted supporting documents.

After detailed discussions, the SEAC recommended the project for issue of EC.

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<b>Agenda Item No. 28</b>	<b>Ac. 2.20 Gts / 1.012 Ha. Stone &amp; Road Metal Quarry of Sri U. Krishna Murthy, Sy. No. 783, Ieeja (V &amp; M), Jogulamba-Gadwal District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/177070/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 11.12.2020 deferred the project informing the proponent to submit the cluster letter issued by Mining Department with Mine lease area of 1.012 Ha.

Accordingly, the proponent submitted a copy of Ir.dt.10.12.2020 of ADMG, Jogulamba Gadwal District issued for Ac.2.20 quarry of the proponent informing that there is another quarry lease of Sri U. Krishna Murthy (Ac. 2.20 – lease granted after 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is Ac. 2.20 Gts / 1.012 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 2.024 Ha. which is less than 5.0 Ha. Hence, the project is considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT.

After detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 29</b>	<b>“Green Ladder” by M/s. Shanta Sriram Constructions Private Limited., Sy. Nos. 15 and 5/Part of Peeran Cheruvu, Rajendra Nagar Mandal, Ranga Reddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/58795/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 11.01.2021 constituted a Sub-Committee Members to inspect the site and submit present status of the project, impacts of the proposed project on nearest human habitation, waterbody / Nala, status of NOC from I&CAD Dept., adequacy of EMP measures proposed, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 06.02.2021 and submitted the report. The following observations were made by the sub-committee members:

**Observations:**

*Members travelled to Proposed M/S. Green Ladder Shanta Sriram Constructions Pvt. Ltd. Survey Nos. 15 And 5/Part, PeeranCheruvu, Rajendra Nagar, RangaReddyDistrict, Telangana along with the Proponent on 6<sup>th</sup> February 2021. The proponent showed and described about the site.*

1. *The Proposed land is plain with a very gentle slope of 3 meters from north to south. The project has not yet started.*
2. *Proposed site is adjacent to village Peeramcheruvu, Gandipet Mandal. It is surrounded by housing complexes. With additional vehicular movement due to the present project a marginal increase in the volume capacity is calculated which falls in “B Very Good “category. Sufficient funds are provided to control air, water and noise pollution during construction and operational stages. Green belt and open areas are left for keeping the surroundings clean.*
3. *Proposed site is on the downstream side of a tank named PeeranCheruvu RajendraNagar Mandal as shown in the map attached. Since the project is in the down stream of Peeramcheruvu the officials of Irrigation and Revenue officers have put the conditions such as leaving the buffer zone and construction of Discharge canal to maintain the surplus flow with a dimension of 4.0m width and 2.00m depth with sufficient gradient. It is observed from the contour map that there is a level difference of about 3 meters therefore the gradient should be higher. No Objection Certificate is being issued by the District Collector, Rangareddy district and is attached at appendix I*
4. *Copy of the Joint Inspection report signed by EE, IB Division, Hyderabad and Revenue divisional Officer, Rajendranagar Division, has been submitted and is presented at appendix II*

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5. EMP measures included in the EIA report are adequate
6. Proponent proposing to implement all the measures to control the air, water and noise pollution therefore there would little impact on the surroundings.

There is no adverse impact on the surrounding environment due to the start of above project  
Recommended for issue of EC

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 30</b>	<b>M/s. Virupaksha Laboratories Pvt. Ltd. (Unit – I) Plot Nos. F-7 &amp; A-35, Sy. No. 356, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/166736/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 26.09.2020 constituted a Sub-Committee Members to to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 23.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. Virupaksha Laboratories Pvt. Ltd. (Unit – I) Plot Nos.: F-7 &amp; A-35, Sy. No.: 356, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State. The project Site to Bollaram Industrial Area is 10Km and to Patancheru Industrial Area is 19 Km</i>
2	<i>Project modification</i>	<i>M/s. Virupaksha Laboratories Pvt. Ltd. (Unit – I) Plot Nos.: F-7 &amp; A-35, Sy. No.: 356, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State proposes to expand to manufacture Bulk Drugs &amp; Drug Intermediates with production capacity of 9.015 MT/Month</i>
3	<i>Project cost</i>	<i>Virupaksha Laboratories Pvt. Ltd. (Unit – I) Plot Nos.: F-7 &amp; A-35, Sy. No.: 356, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State is proposing to invest an amount of <b>Rs. 3.0 Crores</b> for establishment. Budget for Environmental protection towards capital cost is an amount of <b>Rs. 1.16 crores</b> and Recurring cost is <b>Rs. 20 Lakh/Annum</b></i>
4	<i>ZLD System &amp; its adequacy</i>	<p><i>Industry is setting up new ZLD to treat effluents and proposing to treat 35 KLD HTDS and 40 KLD LTDS. This unit the proponent is planning to treat the effluents generated from Unit I and Unit II. The generated effluent will be neutralized at their respective plants and will be sent to the Proposed combined ZLD system to be located at Plot No.: A-35 in an area of 4039.3 Sqm through pipeline for further treatment.</i></p> <ul style="list-style-type: none"> <li>• <i>Water shall be recycled to reduce the impact and the industry will implement the <b>Zero Discharge of Waste Water [ZLD System]</b>.</i></li> <li>• <i>Process effluent will be segregated based on TDS concentration and collected separately by gravity from all sources into a collection Pit.</i></li> <li>• <i>Collected waste water will be pumped in to the above ground level tanks separately.</i></li> <li>• <i>The unit will provide Wastewater Treatment Plant (ETP) to treat the trade effluent</i></li> </ul> <p><b>Treatment system</b></p> <ul style="list-style-type: none"> <li>• <i>The effluent will be neutralized, the HTDS effluent will be sent to steam stripping Column for collection of solvents</i></li> </ul>

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		<p>which are dissolved in the waste water stream. After stripping effluent will be sent to Double effect Evaporation system which contains 3 Calandrias.</p> <ul style="list-style-type: none"> <li>• The concentrate from the MEE System will be sent to ATFD and salts from the ATFD will be collected and sent to TSDf for safe disposal.</li> <li>• The condensate from DEE will be sent to biological treatment followed by RO system for further process.</li> <li>• The LTDS effluent will be sent to Biological treatment followed by RO system along with the Condensate from the MEE.</li> <li>• The RO permeate will be reused and RO reject will be sent to MEE for further evaporation.</li> <li>• All the treatment tanks etc. is constructed / installed only with acid proofing and 1.5 to 2.5 meters above the Ground Level.</li> <li>• In addition Rain Water Harvesting System will be put in practice to recharge the ground water aquifers.</li> <li>• Impact on water quality is negligible</li> </ul>
5	ETP modifications	The unit Proposing new ZLD system. Details are in EIA report
6	Products: Comparison of existing and proposed (which are going for expansion)	The unit is Proposing to increase manufacturing of Drug Intermediates from 6.015 TPM to 9.015 TPM. Details are provided in Annexure-I.
7	Verification of production records for one year	Attached in the Annexure 1 b.
8	Raw material : Comparison of existing and proposed (which are going for expansion)	Details of existing raw materials and proposed Raw Material are as described in EIA
9	Solid waste: Comparison of existing and proposed (which are going for expansion)	Details of proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><b>Water Pollution:</b> Total effluent generated is around 9KLD HTDS and 10KLD LTDS. As the unit is proposed ZLD system to treat the generated effluent and recovered water will be reused in the plant operations.</p> <p><b>Air Pollution:</b> At present they have 05 TPH boiler and proposing to increase to 1 x 1.0 TPH and 1 x 2 TPH boilers.</p> <p>Flue gases from the boilers will be dispersed through a 30 mtr height of the chimneys separately and Cyclone separators followed by bag filters and all the gaseous emissions from the process are scrubbed by using suitable media in the scrubbing system. Hence, there will not be any impact on the surrounding.</p> <p>The process emissions contain HCl, NH<sub>3</sub>, SO<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, and CO<sub>2</sub>. Out of these, HCl, NH<sub>3</sub> and SO<sub>2</sub> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. Other gases such as H<sub>2</sub>, O<sub>2</sub>, and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes.</p>



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		<p><i>All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</i></p> <p><i>Organic residues are sent to Cement plants for co-incineration.</i></p> <p><i>Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p> <p><i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i></p>
11	<p><i>Applicability of S.O.804(E), dt.14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF &amp; CC, GoI.</i></p>	<p>NA</p>
12	<p><i>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</i></p>	<p><i>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</i></p>
13	<p><i>Green belt development</i></p>	<p><i>M/S Virupaksha Laboratories Pvt. Ltd. (Unit – I) Plot Nos.: F-7 &amp; A-35, Sy. No.: 356, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana state spread over in an area of 1.31 acres(5312 Sq. m) out of which 2093 sq.m. which is around 39.41 % is allocated for Greenbelt development area. Total No. of Plants to be planted is about 300 No's. Budget for greenbelt development is Rs. 1.0lakh.</i></p> <p><i>Proposed green belt is more than the stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i></p>
14	<p><i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i></p>	<p><i>A Self declaration need to be submitted by the proponent</i></p>

The following points to be included in the EC and an undertaking from the proponent have to be obtained and recorded.

1. ZLD system and greenbelt should occupy the entire proposed plot no A-35 measuring 4039.3 sq.m. No other construction is allowed. The distance between the unit and ZLD proposed site is shown in ANNEXURE 4.
2. The appropriate and approved pipeline need to be used to dispose the effluents from both the plants to ZLD. The underground pipelining has to be leak proof.
3. Separate pipelines for carrying HTDS and LTDS to be laid.
4. All the pipelining has to be certified by the competent authorities periodically for possible leakage of effluents in to the ground and mixing with ground water.
5. All necessary permissions pertaining to the laying of pipe line have to be obtained.
6. No additional civil work to be undertaken in the premises
7. No additional production facilities such as new reactors, boilers to be extended in the premises. However replacement of old reactors can be replaced by introducing the new rea reactors.
8. All the boilers, reactors and solvent storage tanks and the pipe lines have to be thoroughly checked by the competent authority and need to be certified periodically.

  
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**Recommendations:**

*Impact of the expansion proposal of the project is not on the water body and surrounding environment is not affected if the proponent strictly follows all the requirements mentioned above. After examining the proposed chemical reactions, processes involved and the status of existing reactors, production facilities it is recommended to give Environmental Clearance however, the proponent has to full fill all the points mentioned above.*

The SEAC examined the report of the Sub-Committee and Undertaking submitted by the proponent. After detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 31</b>	<b>M/s. Virupaksha Laboratories Pvt. Ltd. (Unit – II), Plot No. F-10, Sy. No.: 374, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/166726/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 26.09.2020 constituted a Sub-Committee Members to to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 24.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<i>To Verify the issues</i>	<i>Observations</i>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s.Virupaksha Laboratories Pvt. Ltd. (Unit – II) Plot Nos.: F-10, Sy. No.: 374, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State. The project Site to Bollaram Industrial Area is 10Km and to Patancheru Industrial Area is 19 Km</i>
2	<i>Projectmodification</i>	<i>M/s.Virupaksha Laboratories Pvt. Ltd. (Unit – II) Plot Nos.: F-10, Sy. No.: 374, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State proposes to expand to manufacture Bulk Drugs &amp; Drug Intermediates with production capacity of 10 MT/Month</i>
3	<i>Projectcost</i>	<i>Virupaksha Laboratories Pvt. Ltd. (Unit – II) Plot Nos.: F-10, Sy. No.: 374, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State is proposing to invest an amount of Rs. 2.0 Crores for establishment. Budget for Environmental protection towards capital cost is an amount of Rs 5 lakhs and Recurring cost is Rs. 12 Lakh/Annum</i>
4	<i>ZLDSystem&amp;itsadequacy</i>	<p><i>Industry is setting up new ZLD to treat effluents and proposing to treat 35 KLD HTDS and 40 KLD LTDS. This unit the proponent is planning to treat the effluents generated from Unit I and Unit II. The generated effluent will be neutralized at their respective plants and will be sent to the Proposed combined ZLD system to be located at Plot No.: A-35 in an area of 4039.3 Sqm through pipeline for further treatment.</i></p> <ul style="list-style-type: none"> <li><i>• Water shall be recycled to reduce the impact and the industry will implement the Zero Discharge of Waste Water [ZLD System].</i></li> <li><i>• Process effluent will be segregated based on TDS concentration and collected separately by gravity from all sources into a collection Pit.</i></li> <li><i>• Collected waste water will be pumped in to the above ground level tanks separately.</i></li> <li><i>• The unit will provide Wastewater Treatment Plant (ETP) to treat the trade effluent</i></li> </ul>

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		<p><b>Treatment system</b></p> <ul style="list-style-type: none"> <li>• The effluent will be neutralized, the HTDS effluent will be sent to steam stripping Column for collection of solvents which are dissolved in the waste water stream. After stripping effluent will be sent to Double effect Evaporation system which contains 3 Calandrias.</li> <li>• The concentrate from the MEE System will be sent to ATFD and salts from the ATFD will be collected and sent to TSDf for safe disposal.</li> <li>• The condensate from DEE will be sent to biological treatment followed by RO system for further process.</li> <li>• The LTDS effluent will be sent to Biological treatment followed by RO system along with the Condensate from the MEE.</li> <li>• The RO permeate will be reused and RO reject will be sent to MEE for further evaporation.</li> <li>• All the treatment tanks etc. is constructed / installed only with acid proofing and 1.5 to 2.5 meters above the Ground Level.</li> <li>• In addition Rain Water Harvesting System will be put in practice to recharge the ground water aquifers.</li> <li>• Impact on water quality is negligible</li> </ul>
5	ETP modifications	The unit Proposing new ZLD system. Details are in EIA report
6	Products: Comparison of existing and proposed which are going for expansion)	The unit is Proposing to increase manufacturing of Drug Intermediates from 4.166 TPM to 10 TPM. Details are provided in Annexure-I.
7	Verification of production records for one year	Attached in the Annexure 1 b.
8	Raw material : Comparison of existing and proposed (which are going for expansion)	Details of existing raw materials and proposed Raw Material are as described in EIA
9	Solid waste: Comparison of existing and proposed (which are going for expansion)	Details of proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><b>Water Pollution:</b> Total effluent generated is around 9KLD HTDS and 10KLD LTDS. As the unit is proposed ZLD system to treat the generated effluent and recovered water will be reused in the plant operations.</p> <p><b>Air Pollution:</b> At present they have 05 TPH boiler and proposing to increase to 1 x 1.0 TPH and 1 x 2 TPH boilers.</p> <p>Flue gases from the boilers will be dispersed through a 30 mtr height of the chimneys separately and Cyclone separators followed by bag filters and all the gaseous emissions from the process are scrubbed by using suitable media in the scrubbing system. Hence, there will not be any impact on the surrounding.</p> <p>The process emissions contain HCl, NH<sub>3</sub>, SO<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, and CO<sub>2</sub>. Out of these, HCl, NH<sub>3</sub> and SO<sub>2</sub> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. Other gases such as H<sub>2</sub>, O<sub>2</sub>, and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p>

*Ch. Gerry*

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		<p>Condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</p> <p>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</p>
11	<p>Applicability of S.O.804(E), dt. 14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF&amp;CC, GoI.</p>	NA
12	<p>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</p>	<p>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</p>
13	<p>Green belt development</p>	<p>M/S Virupaksha Laboratories Pvt. Ltd. (Unit – II) Plot Nos.: F-10, Sy. No.: 374, IDA Kukatpally, Qutubullapur (M), Medchal - Malkajgiri (Dt), Telangana State spread over in an area of 0.423 acres(1713.8 Sq. m) out of which 568 sq.m. which is around 33.18 % is allocated for Greenbelt development area. Total No. of Plants to be planted is about 85 No's. Budget for greenbelt development is <b>Rs. 1.0lakh.</b></p> <p>Proposed green belt is more than the stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</p>
14	<p>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</p>	<p>A Self declaration need to be submitted by the proponent</p>

The following points to be included in the EC and an undertaking from the proponent have to be obtained and recorded.

1. ZLD system and greenbelt should occupy the entire proposed plot no A-35 measuring 4039.3 sq.m. No other construction is allowed. The distance between the unit and ZLD proposed site is shown in ANNEXURE 4.
2. The appropriate and approved pipeline need to be used to dispose the effluents from both the plants to ZLD. The underground pipelining has to be leak proof.
3. Separate pipelines for carrying HTDS and LTDS to be laid.
4. All the pipelining has to be certified by the competent authorities periodically for possible leakage of effluents in to the ground and mixing with ground water.

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5. All necessary permissions pertaining to the laying of pipe line have to be obtained.
6. No additional civil work to be undertaken in the premises
7. No additional production facilities such as new reactors, boilers to be extended in the premises. However replacement of old reactors can be replaced by introducing the new rea reactors.
8. All the boilers, reactors and solvent storage tanks and the pipe lines have to be thoroughly checked by the competent authority and need to be certified periodically.

**Recommendations:**

Impact of the expansion proposal of the project is not on the water body and surrounding environment is not affected if the proponent strictly follows all the requirements mentioned above. Environmental Clearance may be given to the project with the above conditions.

The SEAC examined the report of the Sub-Committee and Undertaking submitted by the proponent. After detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 32</b>	<b>M/s. SV Labs Pvt. Ltd., Sy. No. 501, 506 &amp; 507, Koyyalagudem Village, Choutuppal Mandal, Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/173617/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2020 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 28.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. SV Labs Pvt. Ltd Sy. No. 501, 506 &amp; 507, Koyyalagudem Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganais located at more than 60 km from the critically polluted area of Patancheru and Bollaram Industrial Areas. Nearest habitat is Koyyalagudem Village -0.7 Km</i>
2	<i>Projectmodification</i>	<i>M/s. SV Labs Pvt. Ltd Sy. No. 501, 506 &amp; 507, Koyyalagudem Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telangana is now proposed to expand the manufacturing capacity from 5050 Kg/day to 11697 kg/day.</i>
3	<i>Projectcost</i>	<i>The capital cost of Rs. 20 Crores towards additional production blocks, utilities and zero liquid discharge based effluent treatment facility. The cost estimate form environment management is 7.38 crores and annual recurring expenditure is 5.56 crores.</i>
4	<i>ZLDSystem&amp;itsadequacy</i>	<i>M/s. SV Labs Pvt. Ltd Sy. No. 501, 506 &amp; 507, Koyyalagudem Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganahad set up ZLD to treat 72 KLD HTDS and 25 KLD LTDS. Now they are grading ZLD to treat proposing to treat 85KLD HTDS and38KLD LTDS  <i>The system is quiet Adequate</i></i>

5	ETP modifications	<p>The Effluent management system had developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</p> <p><b>The High TDS/ COD Effluents</b> The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b> These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF. Capacity of ZLD system after expansion is mentioned in below</p> <p><b>Expanding and proposing to</b> Stripper-3 x 45 KLD , MEE-1 X 140 &amp; ATFD-1 X 12m2 Bio ETP -1 X 150 KLD RO Plant 1 1 x 150 KLD RO Plant 2 1 x 60 KLD</p>
6	Products: Comparison of existing and proposed (which are going for expansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going for expansion)	Details of existing raw materials and proposed Raw Material are as described in EIA/EMP
9	Solid waste: Comparison of existing and proposed (which are going for expansion)	Details of existing and proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	Water Pollution: Total effluent generated increased to around 125 KLD. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.

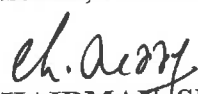
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		<p><i>Air Pollution: It is proposed to establish additional coal fired boilers of capacity 1 x 4TPH ; and 1 x 6 oil fired and 2 x 2 lakh Kcal THF to meet the steam requirement for process.</i></p> <p><i>The process emissions contain HCl,SO2, H2, HI, H2S, CO2. Out of these SO2, HI,H2S andHCl, are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H andCO2 are let out into atmosphere following a standard operating procedure.</i></p> <p><i>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</i></p> <p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility. Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p> <p><i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i></p>
11	<p><i>Applicability of S.O.804(E),dt.14.03.2017 &amp;S.O.1030(E)dt.08.03.2018 issued by the MoEF&amp;CC,GoI.</i></p>	<p><i>Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.</i></p>
12	<p><i>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</i></p>	<p><i>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</i></p>
13	<p><i>Green belt development</i></p>	<p><i>M/s. SV Labs Pvt. LtdSy. No. 501, 506 &amp; 507, Koyyalagudem Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganaspread in 6 acres. They have developed green belt in2.99 acres which is more than stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i></p>
14	<p><i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019)in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i></p>	<p><i>A Self declaration need to be submitted by the proponent</i></p>

**Recommendations:**

*Impact of the expansion proposal of the project on the water body and surrounding environment is not affected as the company is expanding ZLD facility, solid effluent management and establishing necessary equipment to check the air pollution. Environmental Clearance may be given to the project*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

  
**CHAIRMAN, SEAC**

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<b>Agenda Item No. 33</b>	<b>M/s. S. R. Laboratories Pvt. Ltd., Sy. No. 180, Jaikesaram (V), Choutuppal (M), Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/171422/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2020 constituted a Sub-Committee Members to to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 27.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. S.R. Laboratories Pvt. Ltd.Sy. No. 180, Jaikesaram Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganais located at more than 60 km from the critically polluted area of Patancheru and Bollaram Industrial Areas. Nearest habitat is Jaikesaram Village – 1.27 Km Nearest waterbody is Ramasamudramcheruvu – 0.85 Km</i>
2	<i>Projectmodification</i>	<i>M/s. S.R. Laboratories Pvt. Ltd.Sy. No. 180, Jaikesaram Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganais now proposed to expand the manufacturing capacity from 18.6 TPM to 90 TPM.</i>
3	<i>Projectcost</i>	<i>The capital cost of Rs. 6 Crores towards additional production blocks, utilities and zero liquid discharge based effluent treatment facility. The cost estimate form environment management is 2.64 crores and annual recurring expenditure is 3.49crores.</i>
4	<i>ZLDSystem&amp;itsadequacy</i>	<i>M/s. S.R. Laboratories Pvt. Ltd.Sy. No. 180, Jaikesaram Village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganahad set up a facility to treat 9 KLD HTDS and 1 KLD LTDS. Now they are grading ZLD to treat proposing to treat 57KLD HTDS and25KLD LTDS <b>The system is quiet Adequate</b></i>
5	<i>ETPmodifications</i>	<i>The Effluent management system had developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.  <b>The High TDS/ COD Effluents</b>  <i>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDf.  <b>The Low TDS/ COD Effluents:</b></i></i>



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		<p><i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i></p> <p><i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF. Capacity of ZLD system after expansion is mentioned in below</i></p> <p><b>Expanding and proposing to</b>          Stripper-1 X 30, 1 x 10 KLD ,          MEE-1 X 50, 1 X 30&amp; ATFD-1 X 10 and 1 X 10m2          Bio ETP -1 X 20 KLD and 1 X 80 KLD          RO Plant 1 1 x15 KLD, 1 X 95 KLD          RO Plant 2 1 x 30 KLD</p>
6	<i>Products: Comparison of existing and proposed (which are going for expansion)</i>	<i>Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1</i>
7	<i>Verification of production records for one year</i>	<i>Verified and found to be audited</i>
8	<i>Raw material : Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing raw materials and proposed Raw Material are as described in EIA/EMP</i>
9	<i>Solid waste: Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing and proposed Solid waste are provided in Appendix 2</i>
10	<i>Impact on surroundings</i>	<p><i>Water Pollution: Total effluent generated increased to around 81 KLD. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</i></p> <p><i>Air Pollution: It is proposed to establish additional coal fired boilers of capacity 1 x 2TPH ; and 1 X 3TPH and 1 x2 lakh Kcal THF to meet the steam requirement for process.</i></p> <p><i>The process emissions contain NH<sub>3</sub>, HCl, SO<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, and CO<sub>2</sub>. Out of these NH<sub>3</sub>, HCl and SO<sub>2</sub> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. N, O<sub>2</sub>, H<sub>2</sub> and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</i></p> <p><i>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</i></p> <p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility. Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p>

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		<i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i>
11	<i>Applicability of S.O.804(E), dt .14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF&amp;CC, GoI</i>	<i>Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.</i>
12	<i>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</i>	<i>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</i>
13	<i>Green belt development</i>	<i>M/s. S.R. Laboratories Pvt. Ltd. Sy. No. 180, Jaikesaram Village, Choutuppall Mandal, Yadadri Bhuvanagiri District, Telanganaspread in 6 acres. They have developed green belt in 1.99 acres which is more than stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i>
14	<i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i>	<i>A Self declaration need to be submitted by the proponent</i>

**Recommendations:**

*Impact of the expansion proposal of the project on the water body and surrounding environment is not affected as the company is expanding ZLD facility, solid effluent management and establishing necessary equipment to check the air pollution. Environmental Clearance may be given to the project*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

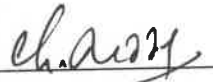
<b>Agenda Item No. 34</b>	<b>M/s. Accrete Pharmaceuticals Private Limited., Sy.No.706AA &amp; 707/AA, Thangadpally village, Choutuppall Mandal, Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/170797/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2021 constituted a Sub-Committee Members to to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 26.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b><i>To Verify the issues</i></b>	<b><i>Observations</i></b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. Accrete Pharmaceuticals Pvt Ltd. Sy.No.706AA &amp; 707/AA, Tangadpally village, Choutuppall Mandal, Yadadri Bhuvanagiri District, Telanganais located at more than 60 km from the critically polluted area of Patancheru and Bollaram Industrial Areas. Nearest habitat is Koyyalagudem Village -1.19Km, Nearest waterbody is Tangallapallicheruvu - 1.92 Km</i>

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2	Projectmodification	M/s. Accrete Pharmaceuticals Pvt Ltd. Sy.No.706AA & 707/AA, Tangadpally village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganais now proposed to expand the manufacturing capacity from 8.75 TPM to 113 TPM.
3	Projectcost	The capital cost of Rs. 8 Crores towards additional production blocks, utilities and zero liquid discharge based effluent treatment facility. The cost estimate form environment management is 4.91 crores and annual recurring expenditure is 4.65 crores.
4	ZLDSystem&itsadequacy	M/s. Accrete Pharmaceuticals Pvt Ltd. Sy.No.706AA & 707/AA, Tangadpally village, ChoutuppalMandal, YadadriBhuvanagiri District, Telanganahad set up a facility to treat 7 KLD HTDS and 2 KLD LTDS. Now they are grading ZLD to treat proposing to treat 70KLD HTDS and16KLD LTDS <b>The system is quiet Adequate</b>
5	ETPmodifications	<p>The Effluent management system had developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</p> <p><b>The High TDS/ COD Effluents</b> The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b> These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF. Capacity of ZLD system after expansion is mentioned in below</p> <p><b>Expanding and proposing to</b> Stripper-1 X 60, 1 x 25 KLD , MEE-1 X 60, 1 X 40&amp; ATFD-1 X 15 and 1 X 5 m2 Bio ETP -1 X 100 KLD RO Plant 1 1 x75 KLD, 1 X 25 KLD RO Plant 2 1 x 40 KLD</p>
6	Products:Comparisonof existingandproposed(whicharegoingforexpansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1  

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7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in EIA/EMP
9	Solidwaste: Comparison of existing and proposed (which are going forexpansion)	Details of existing and proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><i>Water Pollution: Total effluent generated increased to around 86 KLD. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</i></p> <p><i>Air Pollution: It is proposed to establish additional coal fired boilers of capacity 1 x 8TPH ; and 1 x 4 lakh Kcal THF to meet the steam requirement for process.</i></p> <p><i>The process emissions contain NH3, N, H2, O2, and CO2. Out of these NH3 is sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. N, O2, H2 and CO2 are let out into atmosphere following a standard operating procedure.</i></p> <p><i>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</i></p> <p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</i></p> <p><i>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration. Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i></p>
11	Applicability of S.O.804(E), dt.14.03.2017 & S.O.1030(E) dt.08.03.2018 issued by the MoEF & CC, GoI.	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s. Accrete Pharmaceuticals Pvt Ltd. Sy.No.706AA & 707/AA, Tangadpally village, Choutuppall Mandal, Yadadri Bhuvanagiri District, Telanganaspread in 6.85 acres. They have developed green belt in 2.35 acres which is more than stipulated one third of total area covering the boundary of the site as part of environment management plan

*Ch. K. Reddy*

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		<i>and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i>
14	<i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i>	<i>A Self declaration need to be submitted by the proponent</i>

**Recommendations:**

*Impact of the expansion proposal of the project on the water body and surrounding environment is not affected as the company is expanding ZLD facility, solid effluent management and establishing necessary equipment to check the air pollution. Environmental Clearance may be given to the project*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 35</b>	<b>M/s. Optimus Life Science Private Limited, Sy.Nos. 1066, 1049, 1050, 1061, 1063 &amp; 1064, Chinnakondur (V), Choutuppal (M), Yadadri-Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/167420/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 09.09.2020 constituted a Sub-Committee Members to to inspect the site and submit present status of the project, impacts of the proposed project on nearest human habitation, waterbody, RF & surrounding environment, adequacy of EMP measures proposed, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 12.09.2020 and submitted the report. The following observations were made by the sub-committee members:

***i. Present Status of the Project***

*Industry is proposing to establish its Active Pharmaceutical Ingredients (APIs) and API Intermediates manufacturing unit along with R&D facility with 69 products in a plain land of an area of 18.89 Ha (46.667 acres). Plant Layout showing with facilities are enclosed as Annexure-1. Product details are given in Annexure-2.*

***ii. Impact of the proposed project on nearest human habitation, water body, RF & surrounding environment, adequacy of EMP measures proposed.***

*Industry is located in the Chinnakondoor Village, Choutuppal (M), Yadadri Bhuvanagiri District of Telangana and is proposing for establishing APIs and API Intermediates manufacturing unit. Following EMP measures are proposed for the project.*

- *Industry is proposing for ETP-ZLD.*
  - *Effluent is segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reused in Utilities. HTDS/HCOD effluent will be about 218.4 KLD. MEE of 250 KLD would be installed.*
  - *LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities. LTDS effluent will be about 82.6 KLD.*
  - *Biological Treatment will be of 360 KL Capacity and RO will be 2X9KL/hr for 20hrs operation.*

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- *Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.*
- *Boiler emissions: Multi Cyclone Separator followed by Bag filter will be installed with a stack height of 30m each for 4 and 8 TPH boilers for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>*
- *Process emissions: HCl, H<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub>, Methyl Chloride, NH<sub>3</sub> → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.*
- *Noise: DG sets will be enclosed with acoustic enclosures.*
- *Greenbelt area: Greenbelt will be developed in 6.61 Ha of 18.89 Ha i.e. 35%.*

**Observations:**

1. *The proposed site is free from any vegetation.*
  2. *Project activity has not been started,*
  3. *Nearest habitation, Masigudem village is at a distance of 0.50 Km.*
  4. *Nearest water body, Peddakondur pond is at a distance of 1.32 Km. Turpugudem R.F IS at a distance of 1.28 Km.*
- Details of the project are attached.*

*With the measures as proposed in the presentation to SEAC there will not be any adverse impact on the surrounding environment.*

*Environment clearance may be given to the project.*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 36</b>	<b>M/s. Sai Teja Drugs and Intermediates Private Limited, Sy No. 543/A, 544/A, Seetavanigudem (V), Bhoodan Pochampally (M), Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/172813/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2021 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 07.02.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s Sai Teja Drugs and Intermediates Private Limited Sy No. 543/A, 544/A, Seetavanigudem (V), BhoodanPochampally (M), Yadadri- Bhuvanagiri (D), Telangana Project Site to Bollaram Industrial Area is &gt; 70 Km Project site to Patancheru Industrial Area is &gt; 70 Km Nearest village is Seetavanigudem is 1.1 km.</i>
2	<i>Project modification</i>	<i>M/s Sai Teja Drugs and Intermediates Private Limited Sy No. 543/A, 544/A, Seetavanigudem (V), BhoodanPochampally (M), Yadadri- Bhuvanagiri (D), Telangana The company proposed to expand manufacture Bulk Drugs &amp; Drug Intermediates from 1.5 MT/month to production capacity of 285 MT/Month</i>
3	<i>Project cost</i>	<i>The unit is proposing to invest an amount of Rs. 10.0 crores out of this an amount of Rs. 7 crores is towards EMP Budget.</i>

*Ch. Anand*

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4	ZLDSystem&itsadequacy	The unit is proposing to expand the existing 30KLD MEE and have MEE for treating 170KLD HTDS and 160 KLD LTDS with biological ETP and RO. <b>The system is quiet Adequate</b>
5	ETPmodifications	<p>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</p> <p><b>The High TDS/ COD Effluents</b> The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b> These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</p>
6	Products:Comparisonofexistin gandproposed(whicharegoingf orexpansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in EIA
9	Solidwaste:Comparisonofexisti ngandproposed(whicharegoing forexpansion)	Details of existing and proposed Solid waste are provided in Appendix 2 a Details of solid waste disposed earlier is given appendix 2b
10	Impactonsurroundings	<p><b>Water Pollution:</b> Total effluent generated increased from 25 KLD HTDS and 30 KLD LTDS. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p align="right"><i>Ch. Arjun</i></p>

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		<p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 2 x 5 TPH and 1 x 2 TPH, 2 x 2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters.</p> <p>The process emissions contain HCl, SO<sub>2</sub>, HBr, CO<sub>2</sub> and O<sub>2</sub>. Out of these HCl, SO<sub>2</sub> and HBr are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H CO<sub>2</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</p> <p>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</p>
11	Applicability of S.O. 804(E), dt. 14.03.2017 & S.O. 1030(E) dt. 08.03.2018 issued by the MoEF&CC, GoI	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s Sai Teja Drugs and Intermediates Private Limited Sy No. 543/A, 544/A, Seetavanigudem (V), Bhoodan Pochampally (M), Yadadri- Bhuvanagiri (D), Telanganais intends to develop upto 2.35 acres greenbelt which would be more than stipulated one third of total area of 6.15 acres. It would be covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment
14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent

**Recommendations:**

Impact of the proposed pharmaceutical products on the water body and surrounding environment at the site with the above EMP measures in place do not have adverse effects. Environmental Clearance may be given to the project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.



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<b>Agenda Item No. 37</b>	<b>M/s. Archimedis Laboratories Pvt. Ltd., Sy. No: 238, Dothigudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/172843/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2020 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 08.02.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s Archimedis Laboratories Pvt. Ltd. Sy. No: 238, Dothigudem Village, Pochampally Mandal, YadadriBhuvanagiri District, Telangana State - 508284. Project Site to Bollaram Industrial Area is 58.42 Km Project site to Patancheru Industrial Area is 69.26 Km The company proposed to manufacture Bulk Drugs &amp; Drug Intermediates with production capacity of 51 MT/Month</i>
2	<i>Projectmodification</i>	<i>M/s Archimedis Laboratories Pvt. Ltd. Sy. No: 238, Dothigudem Village, Pochampally Mandal, YadadriBhuvanagiri District, Telangana State - 508284.It is proposed to expand the production capacity of 150.3 TPM and change in product mix.</i>
3	<i>Projectcost</i>	<i>The unit is proposing to invest an amount of Rs. 6.0 crores out of this an amount of Rs. 1.75 crores is towards EMP Budget as capital and 0.30 Cr a recurring cost.</i>
4	<i>ZLDSsystem&amp;itsadequacy</i>	<i>The unit is proposing to have MEE for treating 22.02 KLD HTDS and 46.38 KLD LTDS with BT and RO. The system is quiet Adequate</i>
5	<i>ETPmodifications</i>	<p><i>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</i></p> <p><b><i>The High TDS/ COD Effluents</i></b>  <i>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</i></p> <p><b><i>The Low TDS/ COD Effluents:</i></b>  <i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i></p>

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		<i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</i>
6	<i>Products: Comparison of existing and proposed (which are going for expansion)</i>	<i>Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1</i>
7	<i>Verification of production records for one year</i>	<i>Verified and found to be audited</i>
8	<i>Raw material : Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing raw materials and proposed Raw Material are as described in EIA</i>
9	<i>Solid waste: Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing and proposed Solid waste are provided in Appendix 2 a Details of solid waste disposed earlier is given appendix 2b</i>
10	<i>Impact on surroundings</i>	<i><b>Water Pollution:</b> Total effluent generated increased from 23 KLD HTDS and 47 KLD LTDS. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible. <b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 2 x 6 TPH and 2 x 3 TPH, 1 x 2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters. The process emissions contain HCl, HF, SO<sub>2</sub>, NH<sub>3</sub>, CO<sub>2</sub> and O<sub>2</sub>. Out of these HCl, SO<sub>2</sub>, NH<sub>3</sub> and HF are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H<sub>2</sub>O, CO<sub>2</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure. Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal. <b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility. Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration. Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorized recyclers. Hence impact on soil pollution is minimal</i>
11	<i>Applicability of S.O.804(E), dt.14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF&amp;CC, GoI.</i>	<i>Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.</i>
12	<i>Implementation of disaster management plan and safety measures in the existing project and proposed expansion</i>	<i>The company has made alternate and stand by arrangements to meet the unforeseen disasters. Disaster management plan and safety measures submitted along with EMP report</i>

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13	Green belt development	M/s Archimedis Laboratories Pvt. Ltd. Sy. No: 238, Dothigudem Village, Pochampally Mandal, YadadriBhuvanagiri District, Telangana State - 508284.) is planning to developed green belt in 1608.75sq meters and intends to develop further 3739.02 sq.mwhich would be more than stipulated one third of total area of. covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment
14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019)in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent

**Recommendations:**

Impact of the proposed pharmaceutical products on the water body and surrounding environment at the site with the above EMP measures in place do not have adverse effects. Environmental Clearance may be given to the project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 38</b>	<b>M/s. Vedgir Pharma., Sy. No. Parts of 281, 282 &amp; 285, Pallepahad Village, Thurkapally Mandal, Yadadri-Bhongiri District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/173243/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2020 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 10.02.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b><i>To Verify the issues</i></b>	<b><i>Observations</i></b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	M/s Vedgir Pharma unit is located at Sy. No's.: Parts of 281, 282 & 285, Pallepahad (V), Thurkapally (M), Yadadri - Bhongir (D), Telangana (S). Project Site to Bollaram Industrial Area is 49.46 Km Project site to Patancheru Industrial Area is 59.75 Km The company proposed to manufacture Bulk Drugs & Drug Intermediates with production capacity of 150.3 MT/Month <b>Yet to start.</b> Nearest village Pallepahad is around 300 meters from the project
2	<i>Projectmodification</i>	M/s Vedgir Pharma unit is located at Sy. No's.: Parts of 281, 282 & 285, Pallepahad (V), Thurkapally (M), Yadadri - Bhongir (D), Telangana (S). It is proposed to change from Inorganic products to API to the production capacity of 150.3 TPM and change in product mix.
3	<i>Projectcost</i>	The unit is proposing to invest an amount of Rs. 25.0 crores out of this an amount of Rs. 1.45 crores is towards EMP Budget as capital and 0.26 Cr a recurring cost.

*Ch. George*

**CHAIRMAN, SEAC**

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	ZLDSystem&itsadequacy	The unit is proposing to have MEE for treating 12.74 KLD HTDS and 36.23 KLD LTDS with BT and RO. The system is quiet Adequate
5	ETPmodifications	<p>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</p> <p><b>The High TDS/ COD Effluents</b> The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b> These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</p>
6	Products:Comparisonofexistingandproposed(whicharegoingforexpansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in ELA
9	Solidwaste:Comparisonofexistingandproposed(whicharegoingforexpansion)	Details of existing and proposed Solid waste are provided in Appendix 2 a Details of solid waste disposed earlier is given appendix 2b
10	Impactonsurroundings	<p><b>Water Pollution:</b> Total effluent generated increased from 13 KLD HTDS and 37 KLD LTDS. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 1 x 3 TPH and 1 x 5 TPH, 1 x 2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters.</p>

*(Signature)*  
CHAIRMAN, SEAC

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		<p>The process emissions contain HCl, HBr, SO<sub>2</sub>, NH<sub>3</sub>, CO<sub>2</sub>, O<sub>2</sub> and Dimethylamine. Out of these HCl, SO<sub>2</sub>, NH<sub>3</sub>, HBr and Dimethylamine are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H<sub>2</sub>CO<sub>3</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration. Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorized recyclers. Hence impact on soil pollution is minimal</p>
11	Applicability of S.O.804(E), dt.14.03.2017 & S.O.1030(E) dt.08.03.2018 issued by the MoEF&CC, GoI.	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un-foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s Vedgir Pharma unit is located at Sy. No's.: Parts of 281, 282 & 285, Palleshahad (V), Thurkapally (M), Yadadri - Bhongir (D), Telangana (S) is planning to develop green belt in 10968sq meters which more than stipulated one third of total area of 27513 sq.m. covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment
14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent

**Recommendations:**

Impact of the proposed pharmaceutical products on the water body and surrounding environment at the site with the above EMP measures in place do not have adverse effects. Environmental Clearance may be given to the project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

  
**CHAIRMAN, SEAC**

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<b>Agenda Item No. 39</b>	<b>3.20 Ha. Colour Granite Mine of of Sri D. Sagar, Sy No. 959, Rekonda Village, Chigurumamidi Mandal, Karimnagar District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/129742/2019 (EC)</b>

Earlier, the SEAC in its meeting held on 13.03.2020 constituted a Sub-Committee Members to inspect the site and submit report on present status of the project, impacts of the project on water body, nearest human habitation, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 31.01.2021 and submitted the report. The following observations were made by the sub-committee members:

- 1. Mining operations have not been started at the proposed site.*
- 2. Nearest village is at a distance of 1.67 Km.*
- 3. The proposed site is on the down stream of water body which is situated at a distance of 33.83 Mtrs separated by a bund*

*As per the existing guide lines projects within 50 Mtr. distance of water body are not being considered for environment clearance. Hence not being recommended.*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as the water body is at a distance of only 33.83 mts from mine lease area.

<b>Agenda Item No. 40</b>	<b>4.30 Ha. Colour Granite Mine of M/s. Baba Granites, Sy No: 391/1 (G.L) of Jakkapur village, Chinna Kodur Mandal, Siddipet District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/142907/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 29.10.2021 constituted a Sub-Committee Members to inspect the site and submit report on present status of the project, impacts of the project on the nearest water body & habitation and surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 01.02.2021 and submitted the report. The following observations were made by the sub-committee members:

- 1. Mining operations have not been started at the proposed site.*
- 2. The site is on topographically elevated ground with exposed colour granite.*
- 3. Nearest village Gopalapuram is at a distance of 260 Mtrs.*
- 4. Nearest water body, Thunga cheruvu is at a distance of 200Mtrs*
- 5. The proponents propose to extract the mineral without blasting*

*Adverse impact is not envisaged due to the project.*

*Environment clearance may be given to the project subject to*

- a. provision of siltation pond, garland trench on the periphery of the site.*
- b. Protect the trees in the non-mining area.*
- c. Transplant the trees in the proposed mining area at proper place to maintain the greenery*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

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<b>Agenda Item No. 41</b>	<b>M/s. MSN Laboratories Private Limited, Unit-II, Sy.Nos. 50p, 53/A, 54/A, 54/U, 53/EE, 54/E, 53/U, 54/EE, 53E, and 54/AA in Kardanur (V), Patancheru (M), Sangareddy District. - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/173117/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2020 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 30.01.2021 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. MSN Laboratories Private Limited, Unit-II, Sy.Nos. 50p, 53/A, 54/A, 54/U, 53/EE, 54/E, 53/U, 54/EE, 53E, and 54/AA in Kardanur (V), Patancheru (M), Sangareddy District, Telanganais located in the critically polluted area of Patancheru and Bollaram Industrial Areas. Nearest habitat is Kardanur Village -0.95 Km</i>
2	<i>Project modification</i>	<i>M/s. MSN Laboratories Private Limited, Unit-II, Sy.Nos. 50p, 53/A, 54/A, 54/U, 53/EE, 54/E, 53/U, 54/EE, 53E, and 54/AA in Kardanur (V), Patancheru (M), Sangareddy District, Telanganais now proposed to expand the manufacturing capacity from 78.TPA to 241.32 TPA.</i>
3	<i>Project cost</i>	<i>The capital cost of Rs. 24 Crores towards additional production blocks, utilities and zero liquid discharge based effluent treatment facility. The cost estimate for environment management is proposed as 3 crores.</i>
4	<i>ZLD System &amp; its adequacy</i>	<i>M/s. MSN Laboratories Private Limited, Unit-II, Sy.Nos. 50p, 53/A, 54/A, 54/U, 53/EE, 54/E, 53/U, 54/EE, 53E, and 54/AA in Kardanur (V), Patancheru (M), Sangareddy District, Telanganahad set up ZLD to treat 40.7 KLD HTDS and 56.4 KLD LTDS. At present a MEE facility exists to treat 20.4 KLD and rest they are sending to JETL and CEPT. <b>The system is quiet Adequate</b> <b>Alternative arrangements</b> <i>M/s. MSN Laboratories Private Limited, Unit-II, is proposing to send their effluents to their adjacent facility MSN Pharmachem Unit-II existing at about 7 km distance. They are proposing to transport effluents on every day basis to this facility for treatment. The details of the facility is given in appendix 4. They have the facility with MEE: 250 KLD, Bio System: 450 KLD and RO Plant: 400 KLD. The waste generation from MSN Pharma Unit II is 142.7 HTDS and 81 KLD LTDS. The present proposal generates 42.7 KLD HTDS and 33 KLD of LTDS. The combined effluents can be treated at MSN Pharmachem Unit-II.</i></i>
5	<i>ETP modifications</i>	<i>The Effluent management system had developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</i>

		<p><b>The High TDS/ COD Effluents</b>  The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b>  These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</p>
6	Products: Comparison of existing and proposed (which are going for expansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going for expansion)	Details of existing raw materials and proposed Raw Material are as described in EIA/EMP
9	Solid waste: Comparison of existing and proposed (which are going for expansion)	Details of existing and proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><b>Water Pollution:</b> Total effluent generated increased to around 100 KLD. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boilers of capacity 2 x 3TPH and 1 x 2 lakh Kcal THF to meet the steam requirement for process.</p> <p>The process emissions contain HCl, SO<sub>2</sub>, H<sub>2</sub>, HBr, CO, CO<sub>2</sub>, butane, isobutylene, Iso butane, methyl amine, propane and chloroethane. Out of these SO<sub>2</sub>, HBr, methyl amine, chloroethane and HCl, are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p>



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		<p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</i></p> <p><i>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p> <p><i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i></p>
11	<p><i>Applicability of S.O.804(E), dt. 14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF&amp;CC, GoI.</i></p>	<p><i>Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.</i></p>
12	<p><i>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</i></p>	<p><i>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</i></p>
13	<p><i>Green belt development</i></p>	<p><i>M/s. MSN Laboratories Private Limited, Unit-II, Sy.Nos. 50p, 53/A, 54/A, 54/U, 53/EE, 54/E, 53/U, 54/EE, 53E, and 54/AA in Kardanur (V), Patancheru (M), Sangareddy District, Telanganaspread in 3.66 Ha. They have developed green belt in 1.548 Ha which is more than stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i></p>
14	<p><i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i></p>	<p><i>A Self declaration need to be submitted by the proponent</i></p>

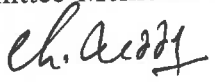
**Recommendations:**

*Impact of the expansion proposal of the project on the water body and surrounding environment is not affected as the company is expanding ZLD facility, solid effluent management and establishing necessary equipment to check the air pollution. The alternate proposal of sending effluents to adjacent MSN Pharmachem Unit-II is not acceptable as the transport may involve other environmental problems and require additional monitoring activity to TSPCB. Environmental Clearance may be given to the project subjected to the construction of new ZLD facility within the premises.*

The SEAC examined the report of the Sub-Committee and Undertaking submitted by the proponent. After detailed discussions, the SEAC recommended the project for issue of EC.

<b>Agenda Item No. 42</b>	<b>M/s. Sritha Chems Private Limited., Sy.No.40, Kuppanagar (V), Jharasangam (M), Sangareddy District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/172513/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 18.12.2021 constituted a Sub-Committee Members to inspect the unit, verify records and submit report.

  
**CHAIRMAN, SEAC**

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The Sub-Committee constituted by the SEAC inspected the site on 12.02.2021 and submitted the report. The following observations were made by the sub-committee members:

	<i>To Verify the issues</i>	<i>Observations</i>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s SrithaChems Private Limited Sy. No.40, Kuppanagar (V), Jharasangam (M), Sangareddy (D), Telangana Project Site to Bollaram Industrial Area is &gt;100 Km Project site to Patancheru Industrial Area is &gt;100 Km Nearest village is Kuppanagar village-0.82 Km in the WSW direction from the site</i>
2	<i>Projectmodification</i>	<i>M/s SrithaChems Private Limited Sy. No.40, Kuppanagar (V), Jharasangam (M), Sangareddy (D), Telangana The company proposed to expand manufacture Bulk Drugs &amp; Drug Intermediates from 6 MT/month to production capacity of 60 MT/Month</i>
3	<i>Projectcost</i>	<i>The unit is proposing to invest an amount of Rs. 5.0 crores out of this an amount of Rs. 2.5 crores is towards EMP Budget as capital and 0.30 Cr a recurring cost.</i>
4	<i>ZLDSytem&amp;itsadequacy</i>	<i>The unit is proposing to expand and have MEE for treating 35 KLD HTDS and 45 KLD LTDS with biological ETP and RO. The system is quiet Adequate</i>
5	<i>ETPmodifications</i>	<p><i>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</i></p> <p align="center"><b><i>The High TDS/ COD Effluents</i></b></p> <p><i>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</i></p> <p align="center"><b><i>The Low TDS/ COD Effluents:</i></b></p> <p><i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i></p> <p><i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</i></p>
6	<i>Products: Comparison of existing and proposed (which are going for expansion)</i>	<i>Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1</i>
7	<i>Verification of production records for one year</i>	<i>Verified and found to be audited</i>

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8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in EIA
9	Solidwaste: Comparison of existing and proposed (which are going forexpansion)	Details of existing and proposed Solid waste are provided in Appendix 2 a Details of solid waste disposed earlier is given appendix 2b
10	Impact on surroundings	<p><b>Water Pollution:</b> Total effluent generated increased from 25 KLD HTDS and 30 KLD LTDS. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 1 x 2 TPH and 1 x 3 TPH, 2 x 2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters.</p> <p>The process emissions contain <b>HCl, SO<sub>2</sub>, NH<sub>3</sub>, CO<sub>2</sub> and O<sub>2</sub></b>. Out of these <b>HCl, SO<sub>2</sub> and NH<sub>3</sub></b> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H CO<sub>2</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</p> <p>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorized recyclers. . Hence impact on soil pollution is minimal</p>
11	Applicability of S.O.804(E), dt.14.03.2017 & S.O.1030(E) dt.08.03.2018 issued by the MoEF&CC, GoI.	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the existing project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s Sritha Chems Private Limited Sy. No.40, Kuppanagar (V), Jharasangam (M), Sangareddy (D), Telanganais intends to develop upto 0.95 acres greenbelt which would be more than stipulated one third of total area of 2.54. It would be covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment

*Ch. Reddy*

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14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent
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**Recommendations:**

*Impact of the proposed pharmaceutical products on the water body and surrounding environment at the site with the above EMP measures in place do not have adverse effects. Environmental Clearance may be given to the project.*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

*Ch. Anand*  
CHAIRMAN, SEAC

*Ch. Anand*  
CHAIRMAN, SEAC

